



April 10, 2024

Mr. Steve Cullen, P.E.
Alachua County EPD
14 NE 1st Street
Gainesville, Florida 32601

**RE: Natural Attenuation Monitoring Report - Quarterly
Tropical Chevron
2995 Highway 44 (at I-95)
New Smyrna Beach, Florida
FDEP # 64/8517300
PO # C31D53 – Task 1**

Dear Mr. Cullen:

Earth Systems has prepared this *Natural Attenuation Monitoring (NAM) Report* summarizing the field activities and data collected at Tropical Chevron located in New Smyrna Beach, Florida. Field activities included the collection of nine groundwater samples for laboratory analysis. This report includes a summary of the groundwater analytical results, groundwater flow direction, conclusions, and a recommendation to continue NAM.

SITE HISTORY

The site originally stored petroleum products in underground storage tanks (USTs) located on the northern portion of the site. No data regarding the installation date, contents, use, or date of removal for the original USTs were available. In 1983, three 10,000-gallon tanks used to store unleaded gasoline were installed in a new tank pit located southeast of the original USTs. In May 2009, the 10,000-gallon tanks were replaced with two 15,000-gallon double-walled tanks installed in the same UST pit and remain in service. A site plan illustrating the site layout and monitoring well locations is included as **Figure 1**.

Discharge reporting forms were submitted to the Florida Department of Environmental Protection (FDEP) in December 1988 and October 1989 based upon dissolved hydrocarbon compounds detected in the site's compliance wells. Both discharges were deemed eligible for coverage under the Early Detection Incentive program. Contamination assessment activities were initiated by Groundwater Technology, Inc., in November 1991. Ten shallow monitoring wells (MW-5 through MW-14) and three deep wells (PZ-1, PZ-2, and PZ-3) were originally installed at the site to delineate the horizontal and vertical extent of dissolved hydrocarbon impacts. Data collected in 1991

indicated that the shallow plume extended from the original UST pit eastward onto the adjacent property. Data from the deep monitoring wells indicated that the plume extended downward to at least 44 feet below land surface (ft bls) but did not reach 70 ft bls. Contamination assessment activities were approved by FDEP in August 1992.

A *Remedial Action Plan* (RAP) was prepared for the site in June 1994 by G&E Engineering. The RAP was approved in March 1995 but was not implemented due to the discontinuation of the State of Florida Reimbursement Program. Each of the monitoring wells installed as part of the Reimbursement Program was subsequently abandoned.

Earth Systems became the designated contractor for the site in November 2004 under the State of Florida Preapproval Program. Earth Systems supervised the installation of 17 shallow monitoring wells (MW-1R through MW-17), 15 intermediate-depth monitoring wells (IW-1 through IW-15), and five deep monitoring wells (DW-1 through DW-5) between 2005 and 2010. The monitoring well locations are shown on **Figure 1**.

The monitoring wells were sampled during field events conducted in April 2005, May 2006, January 2007, December 2008, April 2009, February 2010, and December 2010. The assessment activities were summarized in a *Template Site Assessment Report* (TSAR) submitted in July 2005, a *Supplemental SAR* submitted in March 2007, and various *Deliverable Documents*. The analytical data gathered between 2005 and 2010 indicated that soil and shallow groundwater impacts were present on the Tropical Chevron property but did not extend offsite. Intermediate-zone groundwater impacts were present on the Tropical Chevron site and extended eastward onto the two adjacent properties.

Earth Systems submitted a RAP for the site to the FDEP in March 2012. The RAP was approved in June 2012. In accordance with the Task Assignment, Earth Systems implemented the RAP construction activities between February 2013 and April 2013. System startup was performed between April 29, 2013, and May 23, 2013. The remediation system incorporated air sparging (AS) to remove hydrocarbons from the groundwater and soil vapor extraction (SVE) to remove hydrocarbons from the soil. Two AS systems were installed at the site – shallow and deep. The AS/SVE system operated from April 2013 until February 2016, when Earth Systems and FDEP agreed that the system should be shut off while alternative technologies for addressing the remaining impacts were investigated.

A source removal excavation event was completed at the site in November 2017. The source removal was conducted in the original UST pit to remove impacted soil that was not being addressed by the AS/SVE system. Prior to conducting the source removal, monitoring wells MW-1R, DW-1, and sparge well AS-3, which were installed in the source removal area, were properly abandoned by a licensed driller. Following source removal activities, monitoring well MW-1RR was installed in the same general location as well MW-1R.

Post-source removal PARM sampling events were conducted quarterly starting in May 2018 (May 2018, August 2018, November 2018, and February 2019). Groundwater samples were collected from wells MW-1RR, MW-2R, MW-4R, and OW-1 during each event. Analytical results from the four quarterly sampling events indicated no tested compounds were detected above their respective Groundwater Cleanup Target Levels (GCTLs) in any of the sampled wells, indicating that the November 2017 excavation event was successful in reducing shallow zone groundwater concentrations to below target levels. Therefore, no further action is needed on the onsite shallow-zone plume.

On May 3, 2021, Earth Systems personnel mobilized to the site to oversee Gulf Coast Environmental, LLC (GCE) demolish the system compound, remove the concrete pad, install a well vault, and level the area. In June 2023, three monitoring wells were installed (IW-27, IW-28, and IW-29), and 24 monitoring wells were sampled. Analytical results indicated tested compounds were detected above GCTLs in the samples collected from monitoring wells MW-1RR, IW-7, IW-20, IW-21, IW-22, IW-23, and IW-27.

GROUNDWATER FLOW DIRECTION

On February 26, 2024, Earth Systems personnel mobilized to the site to gauge depths to groundwater in monitoring wells MW-1RR, IW-7, IW-17, IW-20, IW-21, IW-22, IW-23, IW-26, and IW-27. Well MW-8R was scheduled to be gauged, but the well has been abandoned and filled with grout. Free phase petroleum product was not detected in any of the wells.

The depth to water in the intermediate wells ranged from 3.31 ft bls in well IW-27 to 6.43 ft bls in well IW-20. Groundwater flow direction within the intermediate zone was generally towards the east, which is consistent with previous interpretations. **Table 1** summarizes current and historical groundwater elevation data. A groundwater elevation contour map for the intermediate zone is provided as **Figure 2**.

GROUNDWATER ASSESSMENT RESULTS

After gauging depths to water, groundwater samples were collected from monitoring wells MW-1RR, IW-7, IW-17, IW-20, IW-21, IW-22, IW-23, IW-26, and IW-27. Purging and sampling were performed in accordance with the current FDEP Groundwater Sampling Standard Operating Procedure 001/01. The collected samples were stored on wet ice and transported to Eurofins Environment Testing under chain of custody seal to be analyzed for one or more of the following: Benzene, Toluene, Total Xylenes, and Methyl-Tert-Butyl Ether (BTEX/MTBE) by EPA Method 8260 and Polycyclic Aromatic Hydrocarbons (PAHs) by EPA Method 8270.

Laboratory analytical results indicated tested compounds were detected above GCTLs in the samples collected from monitoring wells IW-7, IW-20, IW-21, IW-23, and IW-27.

Groundwater analytical results are summarized in **Table 2A** and **Table 2B** and are presented on **Figure 3A** through **Figure 3C**. Groundwater sampling logs, field notes, and calibration logs are provided in **Appendix A**. A copy of the laboratory analytical report with chain-of-custody is provided in **Appendix B**.

CONCLUSION AND RECOMMENDATIONS

In February 2024, Earth Systems collected groundwater samples from nine monitoring wells. Monitoring well MW-8R was scheduled to be sampled but has been abandoned. Based on the results of these activities and previous investigations, Earth Systems offers the following conclusions:

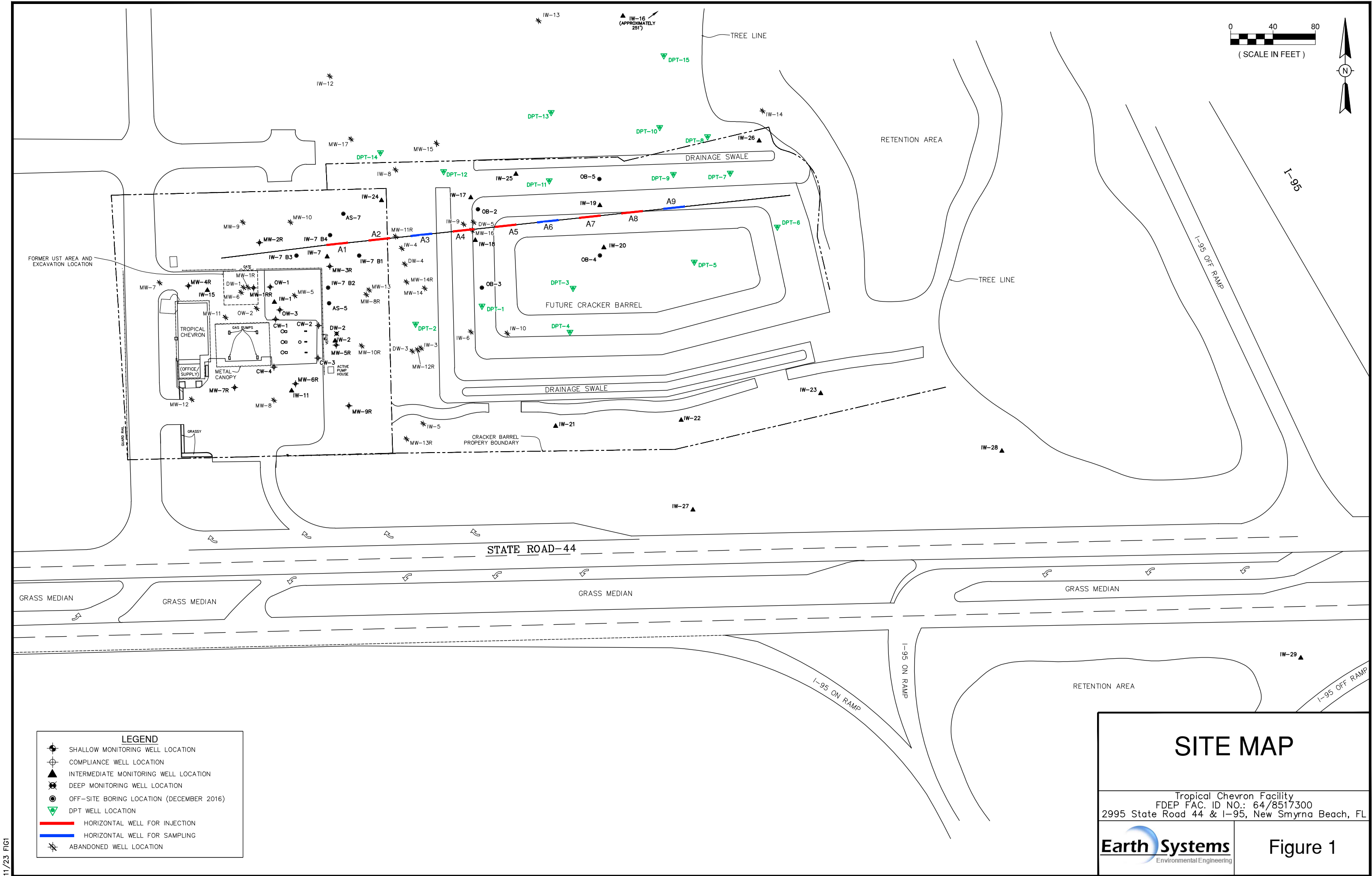
- Groundwater flow direction in the intermediate zone was towards the east.
- Groundwater analytical results indicated no tested compounds were detected above their respective Natural Attenuation Default Concentrations (NADCs). Tested compounds were detected above GCTLs in the samples collected from monitoring wells IW-7, IW-20, IW-21, IW-23, and IW-27.
- The intermediate groundwater plume is primarily located on the adjacent property to the east and is defined to the north by wells IW-25, IW-19, and IW-26, to the east by well IW-28, and to the west by wells IW-1 and IW-11. Results from well IW-27 (located on the southern edge of the plume) indicated Total Xylenes and Benzene were detected above GCTLs, but concentrations were relatively low and do not warrant an additional delineation to the south.
- Select PAHs were also detected above GCTLs in well IW-7 only.

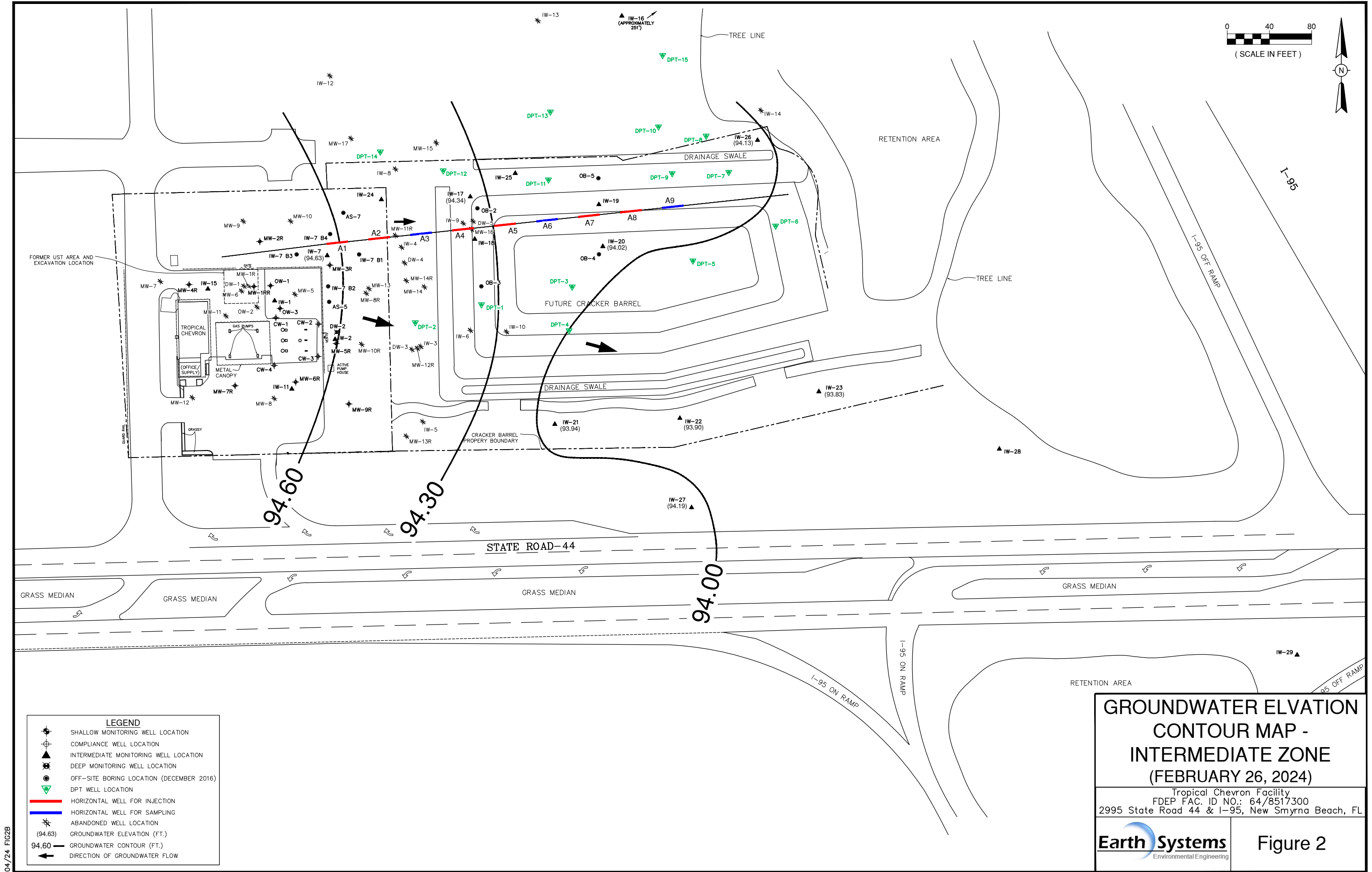
Earth Systems recommends continuing NAM sampling. The next NAM sampling event will be conducted in late May 2024. If you have any questions concerning the information presented in this report, please contact the undersigned at (904) 247-0740.

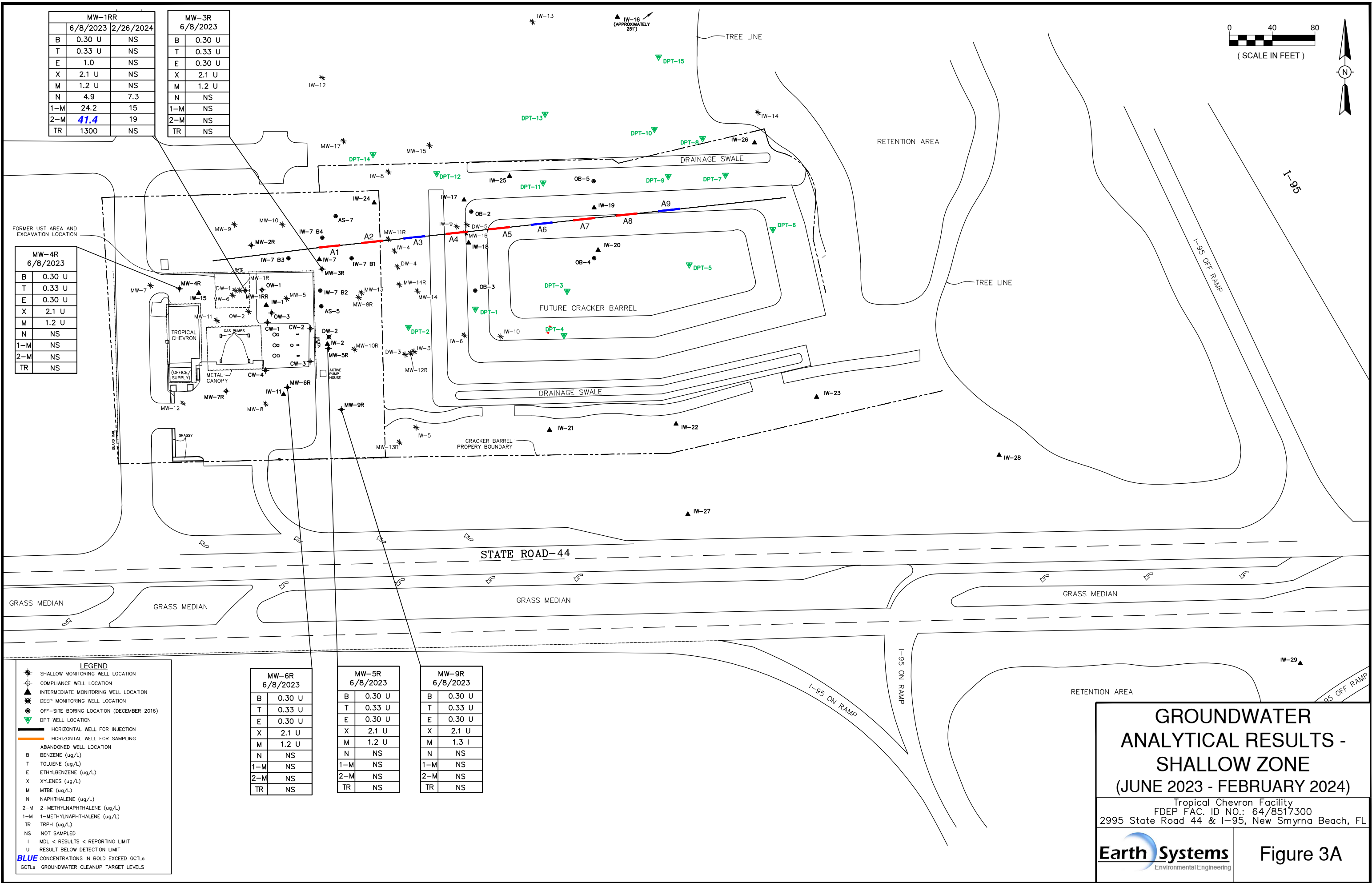
Sincerely,



Luke Russell
Senior Project Manager





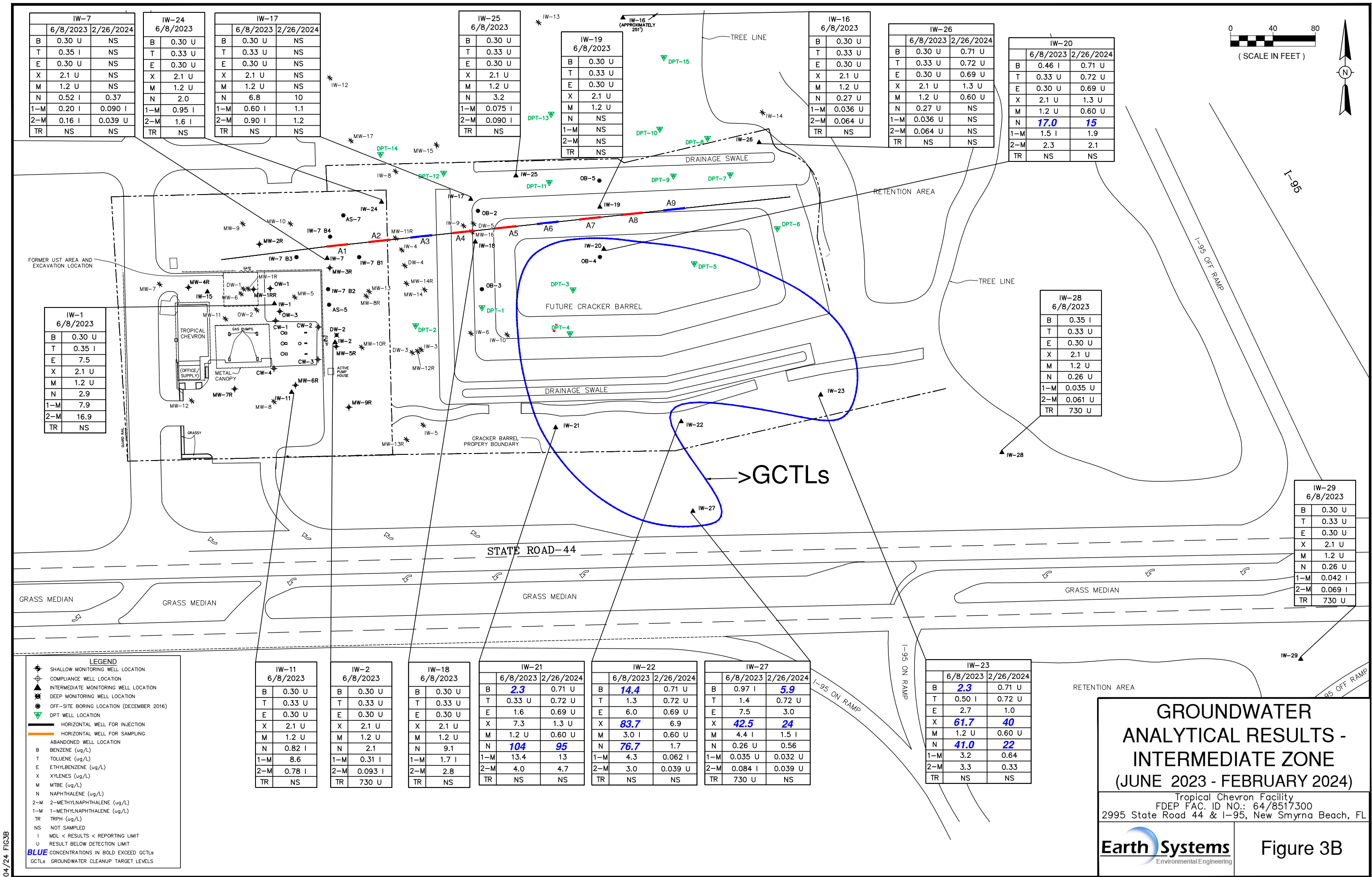


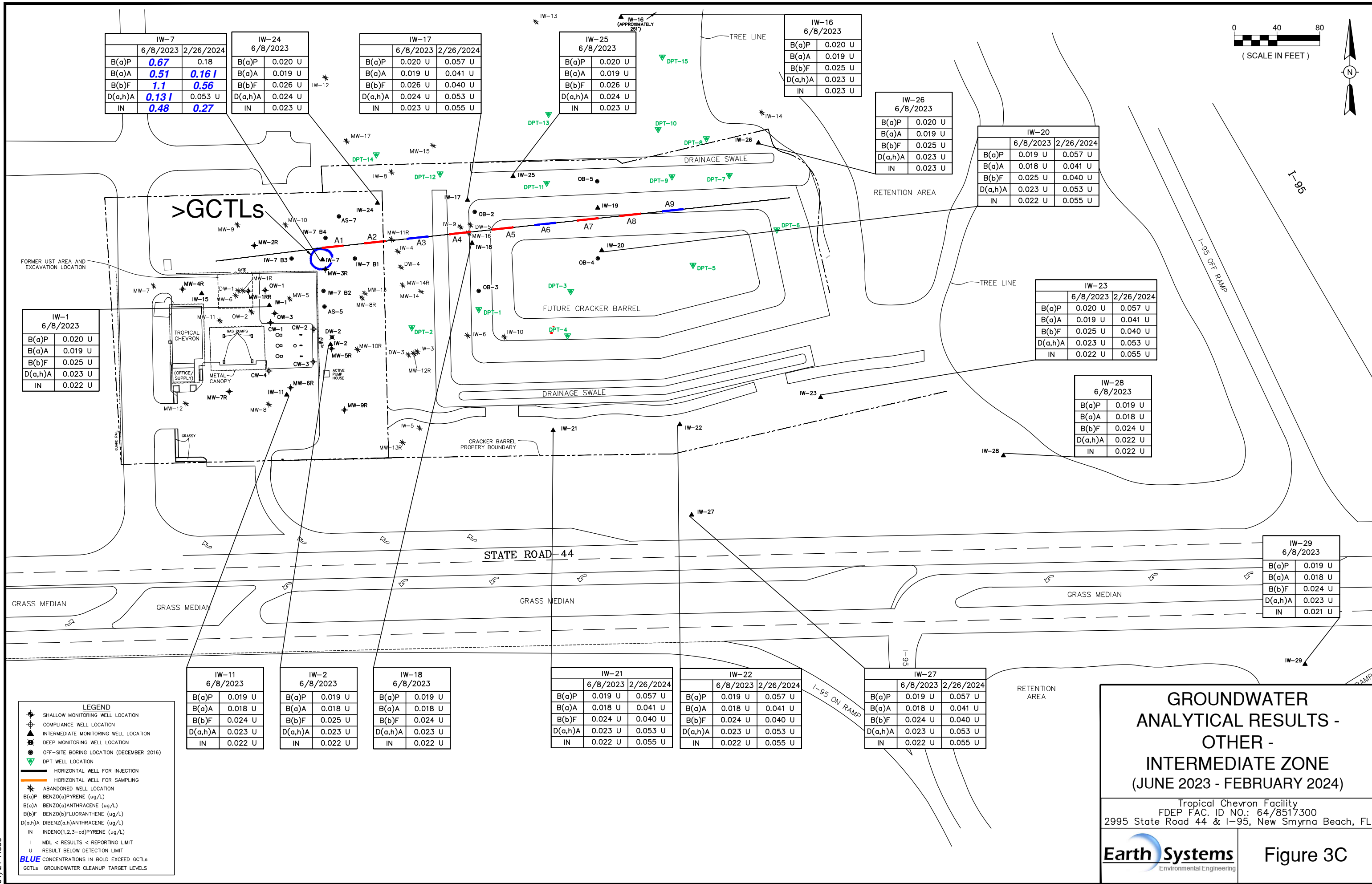
GROUNDWATER ANALYTICAL RESULTS - SHALLOW ZONE

(JUNE 2023 - FEBRUARY 2024)

Tropical Chevron Facility
FDEP FAC. ID NO.: 64/8517300
2995 State Road 44 & I-95, New Smyrna Beach, FL

Figure 3A





GROUNDWATER ANALYTICAL RESULTS - OTHER - INTERMEDIATE ZONE (JUNE 2023 - FEBRUARY 2024)

Tropical Chevron Facility
FDEP FAC. ID NO.: 64/8517300
2995 State Road 44 & I-95, New Smyrna Beach, FL

Earth Systems
Environmental Engineering

Figure 3C

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	MW-1R			MW-2R			MW-3R			MW-4R			MW-5R		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	13.0			13.0			13.0			13.0			13.0		
SCREEN INTERVAL (ft)	3 to 13			3 to 13			3 to 13			3 to 13			3 to 13		
TOC ELEVATION (ft)	99.22	resurvey:	99.00	98.47	resurvey:	98.30	98.53	resurvey:	98.30	99.17	resurvey:	99.19	98.21	resurvey:	97.97
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005	94.51	4.71		94.52	3.95		94.36	4.17		94.47	4.70		94.31	3.90	
1/18/2006	93.95	5.27	0.56	94.59	3.88	-0.07	94.21	4.32	0.15	94.28	4.89	0.19	93.92	4.29	0.39
5/17/2006	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	92.62	5.59	1.30
1/10/2007	93.86	5.14	-0.13	94.44	4.03	0.15	94.04	4.49	0.17	94.41	4.76	-0.13	NM	NM	NM
6/4/2007	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
12/19/2008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
4/9/2009	94.55	4.45	-0.69	95.37	2.93	-1.10	94.77	3.53	-0.96	95.04	4.15	-0.61	94.63	3.34	-2.25
2/15-16/10	95.45	3.55	-0.90	95.54	2.76	-0.17	95.59	2.71	-0.82	95.76	3.43	-0.72	94.83	3.14	-0.20
2/14/2012	94.25	4.75	1.20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
3/28/2013 (Baseline)	93.34	5.66	0.91	NM	NM	NM	93.46	4.84	2.13	NM	NM	NM	NM	NM	NM
5/9/2013	95.39	3.61	-2.05	94.68	3.62	0.86	94.97	3.33	-1.51	94.96	4.23	0.80	94.36	3.61	0.47
5/16/2013	96.71	2.29	-1.32	91.69	6.61	2.99	95.59	2.71	-0.62	95.29	3.9	-0.33	95.68	2.29	-1.32
5/23/2013	96.39	2.61	0.32	95.49	2.81	-3.80	96.10	2.20	-0.51	95.64	3.55	-0.35	95.36	2.61	0.32
6/14/2013	95.98	3.02	0.41	95.53	2.77	-0.04	95.35	2.95	0.75	96.26	2.93	-0.62	95.10	2.87	0.26
7/23/2013	94.69	4.31	1.29	95.63	2.67	-0.10	95.57	2.73	-0.22	95.60	3.59	0.66	94.79	3.18	0.31
8/27/2013	96.91	2.09	-2.22	95.75	2.55	-0.12	96.67	1.63	-1.10	96.07	3.12	-0.47	96.70	1.27	-1.91
9/9/2013	96.44	2.56	0.47	96.23	2.07	-0.48	94.70	3.60	1.97	95.97	3.22	0.10	96.09	1.88	0.61
10/31/2013	95.38	3.62	1.06	94.14	4.16	2.09	94.80	3.50	-0.10	95.03	4.16	0.94	94.86	3.11	1.23
11/14/2013	94.76	4.24	0.62	93.97	4.33	0.17	94.42	3.88	0.38	94.66	4.53	0.37	94.44	3.53	0.42
12/3/2013	95.37	3.63	-0.61	94.32	3.98	-0.35	94.93	3.37	-0.51	94.91	4.28	-0.25	94.82	3.15	-0.38
1/2/2014	94.91	4.09	0.46	94.39	3.91	-0.07	94.94	3.36	-0.01	94.82	4.37	0.09	94.60	3.37	0.22
2/6/2014	94.83	4.17	0.08	94.56	3.74	-0.17	94.94	3.36	0.00	95.00	4.19	-0.18	94.38	3.59	0.22
3/11/2014	94.78	4.22	0.05	93.54	4.76	1.02	94.93	3.37	0.01	95.18	4.01	-0.18	94.61	3.36	-0.23
4/7/2014	95.13	3.87	-0.35	95.24	3.06	-1.70	95.26	3.04	-0.33	95.55	3.64	-0.37	94.55	3.42	0.06
5/13/2014	95.08	3.92	0.05	94.76	3.54	0.48	95.25	3.05	0.01	95.51	3.68	0.04	94.43	3.54	0.12
6/18/2014	95.61	3.39	-0.53	94.52	3.78	0.24	95.43	2.87	-0.18	95.38	3.81	0.13	95.03	2.94	-0.60
7/17/2014	96.42	2.58	-0.81	96.33	1.97	-1.81	95.94	2.36	-0.51	96.36	2.83	-0.98	96.19	1.78	-1.16
8/27/2014	95.82	3.18	0.60	95.06	3.24	1.27	95.56	2.74	0.38	95.80	3.39	0.56	95.26	2.71	0.93
9/19/2014	96.06	2.94	-0.24	95.99	2.31	-0.93	95.87	2.43	-0.31	95.71	3.48	0.09	95.84	2.13	-0.58

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	MW-1R			MW-2R			MW-3R			MW-4R			MW-5R		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	13.0			13.0			13.0			13.0			13.0		
SCREEN INTERVAL (ft)	3 to 13			3 to 13			3 to 13			3 to 13			3 to 13		
TOC ELEVATION (ft)	99.22	resurvey:	99.00	98.47	resurvey:	98.30	98.53	resurvey:	98.30	99.17	resurvey:	99.19	98.21	resurvey:	97.97
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014	95.88	3.12	0.18	94.71	3.59	1.28	96.16	2.14	-0.29	95.98	3.21	-0.27	95.74	2.23	0.10
11/13/2014	95.23	3.77	0.65	95.12	3.18	-0.41	95.73	2.57	0.43	95.48	3.71	0.50	95.24	2.73	0.50
12/16/2014	95.09	3.91	0.14	95.09	3.21	0.03	95.93	2.37	-0.20	95.49	3.7	-0.01	94.95	3.02	0.29
1/19/2015	95.47	3.53	-0.38	95.59	2.71	-0.50	96.29	2.01	-0.36	95.89	3.3	-0.40	95.94	2.03	-0.99
1/20/2015	95.26	3.74	0.21	NM	NM	NM	95.93	2.37	0.36	NM	NM	NM	95.43	2.54	0.51
2/25/2015	96.15	2.85	-0.89	95.40	2.9	--	97.21	1.09	-1.28	95.73	3.46	--	96.20	1.77	-0.77
3/26/2015	94.84	4.16	1.31	94.39	3.91	1.01	94.78	3.52	2.43	95.09	4.1	0.64	94.45	3.52	1.75
4/22/2015	94.66	4.34	0.18	94.29	4.01	0.10	95.43	2.87	-0.65	95.82	3.37	-0.73	95.06	2.91	-0.61
5/29/2015	94.86	4.14	-0.20	93.68	4.62	0.61	94.91	3.39	0.52	94.58	4.61	1.24	94.09	3.88	0.97
6/23/2015	94.37	4.63	0.49	93.91	4.39	-0.23	93.85	4.45	1.06	94.23	4.96	0.35	93.64	4.33	0.45
7/22/2015	94.76	4.24	-0.39	94.18	4.12	-0.27	94.76	3.54	-0.91	95.02	4.17	-0.79	94.37	3.6	-0.73
8/24/2015	94.84	4.16	-0.08	94.78	3.52	-0.60	94.86	3.44	-0.10	95.36	3.83	-0.34	94.44	3.53	-0.07
9/22/2015	95.47	3.53	-0.63	95.74	2.56	-0.96	95.57	2.73	-0.71	96.08	3.11	-0.72	95.27	2.7	-0.83
10/20/2015	94.85	4.15	0.62	94.04	4.26	1.70	94.51	3.79	1.06	94.73	4.46	1.35	94.35	3.62	0.92
11/19/2015	94.07	4.93	0.78	93.56	4.74	0.48	94.16	4.14	0.35	94.24	4.95	0.49	93.86	4.11	0.49
12/17/2015	94.63	4.37	-0.56	94.36	3.94	-0.80	94.82	3.48	-0.66	94.92	4.27	0.68	94.50	3.47	0.64
1/13/2016	94.22	4.78	0.41	93.78	4.52	0.58	94.29	4.01	0.53	94.43	4.76	0.49	94.04	3.93	0.46
12/8/2016	93.91	5.09	0.31	93.41	4.89	0.37		NM			NM			NM	
5/17/2018	Abandoned			96.29	2.01	-2.88		NM		95.55	3.64	-1.12		NM	
8/20/2018	Abandoned			95.41	2.89	0.88		NM		95.80	3.39	-0.25		NM	
11/16/2018	Abandoned			94.11	4.19	1.30		NM		94.74	4.45	1.06		NM	
2/15/2019	Abandoned			95.53	2.77	-1.42		NM		95.72	3.47	-0.98		NM	
4/29/2019	Abandoned				NM			NM			NM			NM	
7/18/2019	Abandoned				NM			NM			NM			NM	
2/5/2020	Abandoned				NM			NM			NM			NM	
7/14/2020	Abandoned				NM			NM			NM			NM	
6/8/2023	Abandoned				NM		93.63	4.67	-0.66	94.11	5.08	-1.61	93.66	4.31	-0.38
2/26/2024	Abandoned				NM			NM			NM			NM	

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	MW-6R			MW-7R			MW-8R			MW-9R			MW-10R		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	13.0			13.0			12.0			12.0			12.0		
SCREEN INTERVAL (ft)	3 to 13			3 to 13			2 to 12			2 to 12			2 to 12		
TOC ELEVATION (ft)	99.79	resurvey:	99.67	99.76	resurvey:	99.75	96.32	resurvey:	96.10	NS	resurvey:	95.94	96.82	resurvey:	96.65
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005	94.26	5.53		94.28	5.48		94.24	2.08		NS	2.59			NI	
1/18/2006	93.87	5.92	0.39	94.04	5.72	0.24	94.05	2.27	0.19	NS	2.21	-0.38	93.79	3.03	
5/17/2006	NM	NM	NM	NM	NM	NM	92.41	3.91	1.64	NS	3.66	1.45	92.42	4.40	1.37
1/10/2007	93.98	5.81	-0.11	NM	NM	NM	93.76	2.56	-1.35	NM	NM	NM	NM	NM	NM
6/4/2007	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
12/19/2008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
4/9/2009	-4.88	4.88	0.00	NM	NM	NM	NM	NM	NM	-1.41	1.41		-2.08	2.08	
2/15-16/10	-4.61	4.61	-0.27	95.44	4.31	-1.17	-1.23	1.23	-2.68	94.59	1.35	-0.06	-1.69	1.69	-0.39
2/14/2012	NM	NM	NM	NM	NM	NM	-2.01	2.01	0.78	NM	NM	NM	NM	NM	NM
3/28/2013 (Baseline)	93.42	6.25	1.64	NM	NM	NM	93.19	2.91	0.90	NM	NM	NM	Destroyed		
5/9/2013	98.67	1.00	-5.25	94.57	5.18	0.87	94.56	1.54	-1.37	94.20	1.74	0.39	Destroyed		
5/16/2013	99.17	0.50	-0.50	95.54	4.21	-0.97	95.60	0.50	-1.04	95.44	0.50	-1.24	Destroyed		
5/23/2013	99.17	0.50	0.00	95.30	4.45	0.24	NM (under water)			95.04	0.90	0.40	Destroyed		
6/14/2013	96.65	3.02	2.52	95.87	3.88	-0.57	NM (under water)			94.43	1.51	0.61	Destroyed		
7/23/2013	97.77	1.90	-1.12	94.60	5.15	1.27	93.63	2.47	1.97	94.42	1.52	0.01	Destroyed		
8/27/2013	99.65	0.02	-1.88	96.41	3.34	-1.81	96.09	0.01	0.01	95.92	0.02	-1.50	Destroyed		
9/9/2013	96.53	3.14	3.12	95.44	4.31	0.97	NM (under water)			94.20	1.74	1.72	Destroyed		
10/31/2013	98.26	1.41	-1.73	95.03	4.72	0.41	94.55	1.55	-0.92	94.91	1.03	-0.71	Destroyed		
11/14/2013	98.67	1.00	-0.41	94.62	5.13	0.41	94.62	1.48	1.47	94.36	1.58	0.55	Destroyed		
12/3/2013	97.03	2.64	1.64	94.83	4.92	-0.21	95.04	1.06	1.06	94.62	1.32	-0.26	Destroyed		
1/2/2014	95.88	3.79	1.15	94.70	5.05	0.13	94.72	1.38	-0.17	94.49	1.45	0.13	Destroyed		
2/6/2014	94.61	5.06	1.27	94.85	4.9	-0.15	94.05	2.05	0.57	94.49	1.45	0.00	Destroyed		
3/11/2014	94.35	5.32	0.26	94.72	5.03	0.13	92.99	3.11	2.05	93.53	2.41	0.96	Destroyed		
4/7/2014	98.14	1.53	-3.79	95.03	4.72	-0.31	95.07	1.03	-0.35	94.43	1.51	-0.90	Destroyed		
5/13/2014	94.44	5.23	3.70	94.93	4.82	0.10	94.68	1.42	-0.63	93.43	2.51	1.00	Destroyed		
6/18/2014	96.69	2.98	-2.25	95.04	4.71	-0.11	93.76	2.34	-0.77	92.43	3.51	1.00	Destroyed		
7/17/2014	99.65	0.02	-2.96	96.10	3.65	-1.06	NM (under water)			91.43	4.51	1.00	Destroyed		
8/27/2014	95.39	4.28	4.26	95.41	4.34	0.69	96.08	0.02	-1.40	94.62	1.32	-3.19	Destroyed		
9/19/2014	95.20	4.47	0.19	95.29	4.46	0.12	94.39	1.71	-0.63	94.63	1.31	-0.01	Destroyed		

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	MW-6R			MW-7R			MW-8R			MW-9R			MW-10R		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	13.0			13.0			12.0			12.0			12.0		
SCREEN INTERVAL (ft)	3 to 13			3 to 13			2 to 12			2 to 12			2 to 12		
TOC ELEVATION (ft)	99.79	resurvey:	99.67	99.76	resurvey:	99.75	96.32	resurvey:	96.10	NS	resurvey:	95.94	96.82	resurvey:	96.65
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014	95.42	4.25	-0.22	95.49	4.26	-0.20	NM (under water)			95.12	0.82	-0.49	Destroyed		
11/13/2014	96.16	3.51	-0.74	95.03	4.72	0.46	95.62	0.48	--	95.63	0.31	-0.51	Destroyed		
12/16/2014	94.78	4.89	1.38	91.92	7.83	3.11	NM (under water)			94.59	1.35	1.04	Destroyed		
1/19/2015	95.36	4.31	-0.58	95.43	4.32	-3.51	NM (under water)			95.05	0.89	-0.46	Destroyed		
1/20/2015	95.11	4.56	0.25	NM	NM	NM	NM (under water)			NM	NM	NM	Destroyed		
2/25/2015	95.75	3.92	-0.64	95.57	4.18	--	Bubbling Over			95.44	0.5	--	Destroyed		
3/26/2015	94.54	5.13	1.21	94.81	4.94	0.76	94.67	1.43	--	94.40	1.54	1.04	Destroyed		
4/22/2015	94.94	4.73	-0.40	95.35	4.4	-0.54	94.76	1.34	-0.09	94.73	1.21	-0.33	Destroyed		
5/29/2015	94.26	5.41	0.68	94.46	5.29	0.89	94.54	1.56	0.22	93.97	1.97	0.76	Destroyed		
6/23/2015	94.66	5.01	-0.40	94.04	5.71	0.42	93.65	2.45	0.89	93.59	2.35	0.38	Destroyed		
7/22/2015	94.43	5.24	0.23	94.60	5.15	-0.56	95.00	1.10	-1.35	94.15	1.79	-0.56	Destroyed		
8/24/2015	94.55	5.12	-0.12	94.90	4.85	-0.30	94.69	1.41	0.31	94.29	1.65	-0.14	Destroyed		
9/22/2015	95.26	4.41	-0.71	95.57	4.18	-0.67	NM (under water)			94.87	1.07	-0.58	Destroyed		
10/20/2015	94.38	5.29	0.88	94.53	5.22	1.04	94.49	1.61	0.20	94.07	1.87	0.80	Destroyed		
11/19/2015	93.86	5.81	0.52	94.07	5.68	0.46	93.95	2.15	0.54	93.73	2.21	0.34	Destroyed		
12/17/2015	94.35	5.32	-0.49	94.60	5.15	-0.53	94.55	1.55	-0.60	94.22	1.72	-0.49	Destroyed		
1/13/2016	94.02	5.65	0.33	94.22	5.53	0.38	94.16	1.94	0.39	93.90	2.04	0.32	Destroyed		
12/8/2016		NM			NM			NM			NM		Destroyed		
5/17/2018		NM			NM			NM			NM		Destroyed		
8/20/2018		NM			NM			NM			NM		Destroyed		
11/16/2018		NM			NM			NM			NM		Destroyed		
2/15/2019		NM			NM			NM			NM		Destroyed		
4/29/2019		NM			NM			NM			NM		Destroyed		
7/18/2019		NM			NM			NM			NM		Destroyed		
2/5/2020		NM			NM			NM			NM		Destroyed		
7/14/2020		NM			NM			NM			NM		Destroyed		
6/8/2023	93.64	6.03	-0.38		NM		Abandoned			93.60	2.34	-0.30	Destroyed		
2/26/2024		NM			NM		Abandoned				NM		Destroyed		

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	MW-11R			MW-12R			MW-13R			DW-1			DW-2		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	12 .0			12.0			12.0			50.0			50.0		
SCREEN INTERVAL (ft)	2 to 12			2 to 12			2 to 12			45 to 50			45 to 50		
TOC ELEVATION (ft)	100.11			99.67			99.22			99.31 resurvey: 99.15			97.76		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005		NI			NI			NI		91.75	7.56			NI	
1/18/2006		NI			NI			NI		NM	NM	NM	92.40	5.36	
5/17/2006		NI			NI			NI		NM	NM	NM	88.90	8.86	3.50
1/10/2007	93.79	6.32		93.73	5.94		93.40	5.82		91.02	8.29	0.73	90.85	6.91	-1.95
6/4/2007	NM	NM	NM	NM	NM	NM	NM	NM	NM	89.19	10.12	1.83	89.08	8.68	1.77
12/19/2008	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
4/9/2009	94.72	5.39	-0.93	94.74	4.93	-1.01	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/15-16/10	96.14	3.97	-1.42	94.77	4.90	-0.03	94.60	4.62	-1.20	92.03	7.12	-3.00	92.00	5.76	-2.92
12/10/2010	Abandoned			Abandoned			Abandoned				NM			NM	
3/28/2013 (Baseline)	Abandoned			Abandoned			Abandoned				NM			NM	
5/9/2013	Abandoned			Abandoned			Abandoned				NM			NM	
5/16/2013	Abandoned			Abandoned			Abandoned				NM			NM	
5/23/2013	Abandoned			Abandoned			Abandoned				NM			NM	
6/14/2013	Abandoned			Abandoned			Abandoned				NM			NM	
7/23/2013	Abandoned			Abandoned			Abandoned				NM			NM	
8/27/2013	Abandoned			Abandoned			Abandoned				NM			NM	
9/9/2013	Abandoned			Abandoned			Abandoned				NM			NM	
10/31/2013	Abandoned			Abandoned			Abandoned				NM			NM	
11/14/2013	Abandoned			Abandoned			Abandoned				NM			NM	
12/3/2013	Abandoned			Abandoned			Abandoned				NM			NM	
1/2/2014	Abandoned			Abandoned			Abandoned				NM			NM	
2/6/2014	Abandoned			Abandoned			Abandoned				NM			NM	
3/11/2014	Abandoned			Abandoned			Abandoned				NM			NM	
4/7/2014	Abandoned			Abandoned			Abandoned				NM			NM	
5/13/2014	Abandoned			Abandoned			Abandoned				NM			NM	
6/18/2014	Abandoned			Abandoned			Abandoned				NM			NM	
7/17/2014	Abandoned			Abandoned			Abandoned				NM			NM	
8/27/2014	Abandoned			Abandoned			Abandoned				NM			NM	
9/19/2014	Abandoned			Abandoned			Abandoned				NM			NM	

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	MW-11R			MW-12R			MW-13R			DW-1			DW-2		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	12 .0			12.0			12.0			50.0			50.0		
SCREEN INTERVAL (ft)	2 to 12			2 to 12			2 to 12			45 to 50			45 to 50		
TOC ELEVATION (ft)	100.11			99.67			99.22			99.31 resurvey: 99.15			97.76		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014	Abandoned			Abandoned			Abandoned				NM			NM	
11/13/2014	Abandoned			Abandoned			Abandoned				NM			NM	
12/16/2014	Abandoned			Abandoned			Abandoned				NM			NM	
1/19/2015	Abandoned			Abandoned			Abandoned				NM			NM	
1/20/2015	Abandoned			Abandoned			Abandoned				NM			NM	
2/25/2015	Abandoned			Abandoned			Abandoned				NM			NM	
3/26/2015	Abandoned			Abandoned			Abandoned				NM			NM	
4/22/2015	Abandoned			Abandoned			Abandoned				NM			NM	
5/29/2015	Abandoned			Abandoned			Abandoned				NM			NM	
6/23/2015	Abandoned			Abandoned			Abandoned				NM			NM	
7/22/2015	Abandoned			Abandoned			Abandoned				NM			NM	
8/24/2015	Abandoned			Abandoned			Abandoned				NM			NM	
9/22/2015	Abandoned			Abandoned			Abandoned				NM			NM	
10/20/2015	Abandoned			Abandoned			Abandoned				NM			NM	
11/19/2015	Abandoned			Abandoned			Abandoned				NM			NM	
12/17/2015	Abandoned			Abandoned			Abandoned				NM			NM	
1/13/2016	Abandoned			Abandoned			Abandoned				NM			NM	
12/8/2016	Abandoned			Abandoned			Abandoned				NM			NM	
5/17/2018	Abandoned			Abandoned			Abandoned			Abandoned				NM	
8/20/2018	Abandoned			Abandoned			Abandoned			Abandoned				NM	
11/16/2018	Abandoned			Abandoned			Abandoned			Abandoned				NM	
2/15/2019	Abandoned			Abandoned			Abandoned			Abandoned				NM	
4/29/2019	Abandoned			Abandoned			Abandoned			Abandoned				NM	
7/18/2019	Abandoned			Abandoned			Abandoned			Abandoned				NM	
2/5/2020	Abandoned			Abandoned			Abandoned			Abandoned				NM	
7/14/2020	Abandoned			Abandoned			Abandoned			Abandoned				NM	
6/8/2023	Abandoned			Abandoned			Abandoned			Abandoned				NM	
2/26/2024	Abandoned			Abandoned			Abandoned			Abandoned				NM	

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	DW-3			OW-1			OW-2			OW-3			IW-1		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	50.0			12.0			12.0			12.0			25.0		
SCREEN INTERVAL (ft)	45 to 50			2 to 12			2 to 12			2 to 12			20 to 25		
TOC ELEVATION (ft)	99.96			99.32	resurvey:	99.06	99.69	resurvey:	99.44	99.81	resurvey:	99.53	99.59		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005		NI			NI			NI						NI	
1/18/2006		NI		93.96	5.36	0.00	94.05	5.64		94.03	5.78		NM	NM	NM
5/17/2006		NI		NM	NM	NM	NM	NM	NM	NM	NM	NM	92.13	7.46	
6/4/2007	89.00	10.96	--	NM	NM	NM	NM	NM	NM	NM	NM	NM	93.12	6.47	-0.99
12/19/2008	91.27	8.69	-2.27	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
4/9/2009	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	94.54	5.05	-1.42
2/15-16/10	91.98	7.98	-0.71	NM	NM	NM	NM	NM	NM	NM	NM	NM	94.87	4.72	-0.33
12/8/2010	88.74	11.22	3.24	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/14/2012	91.83	8.13	-3.09	NM	NM	NM	NM	NM	NM	NM	NM	NM	94.18	5.41	0.69
3/28/2013 (Baseline)	NM	NM	NM	NM	NM	NM	Destroyed			NM	NM	NM	93.27	6.32	0.91
5/9/2013	NM	NM	NM	NM	NM	NM	Destroyed			NM	NM	NM	94.50	5.09	-1.23
5/16/2013	NM	NM	NM	NM	NM	NM	Destroyed			NM	NM	NM	96.43	3.16	-1.93
5/23/2013	NM	NM	NM	95.71	3.35	-2.01	Destroyed			99.03	0.50	0.50	95.36	4.23	1.07
6/14/2013	NM	NM	NM	96.01	3.05	-0.30	Destroyed			96.55	2.98	2.48	95.36	4.23	0.00
7/23/2013	NM	NM	NM	94.63	4.43	1.38	Destroyed			95.11	4.42	1.44	94.05	5.54	1.31
8/27/2013	NM	NM	NM	96.96	2.10	-2.33	Destroyed			99.52	0.01	-4.41	97.74	1.85	-3.69
9/9/2013	NM	NM	NM	96.04	3.02	0.92	Destroyed			96.96	2.57	2.56	95.37	4.22	2.37
10/31/2013	NM	NM	NM	95.46	3.60	0.58	Destroyed			95.62	3.91	1.34	95.63	3.96	-0.26
11/14/2013	NM	NM	NM	94.63	4.43	0.83	Destroyed			94.95	4.58	0.67	94.74	4.85	0.89
12/3/2013	NM	NM	NM	95.24	3.82	-0.61	Destroyed			95.78	3.75	-0.83	95.33	4.26	-0.59
1/2/2014	NM	NM	NM	94.86	4.20	0.38	Destroyed			95.19	4.34	0.59	94.72	4.87	0.61
2/6/2014	NM	NM	NM	94.70	4.36	0.16	Destroyed			95.04	4.49	0.15	94.47	5.12	0.25
3/11/2014	NM	NM	NM	94.80	4.26	-0.10	Destroyed			94.66	4.87	0.38	94.56	5.03	-0.09
4/7/2014	NM	NM	NM	95.03	4.03	-0.23	Destroyed			95.19	4.34	-0.53	94.74	4.85	-0.18
5/13/2014	NM	NM	NM	95.05	4.01	-0.02	Destroyed			94.83	4.70	0.36	94.61	4.98	0.13
6/18/2014	NM	NM	NM	95.49	3.57	-0.44	Destroyed			95.77	3.76	-0.94	95.43	4.16	-0.82
7/17/2014	NM	NM	NM	96.63	2.43	-1.14	Destroyed			96.89	2.64	-1.12	96.63	2.96	-1.20
8/27/2014	NM	NM	NM	95.98	3.08	0.65	Destroyed			96.90	2.63	-0.01	95.68	3.91	0.95
9/19/2014	NM	NM	NM	95.70	3.36	0.28	Destroyed			96.08	3.45	0.82	94.96	4.63	0.72

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	DW-3			OW-1			OW-2			OW-3			IW-1		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	50.0			12.0			12.0			12.0			25.0		
SCREEN INTERVAL (ft)	45 to 50			2 to 12			2 to 12			2 to 12			20 to 25		
TOC ELEVATION (ft)	99.96			99.32	resurvey:	99.06	99.69	resurvey:	99.44	99.81	resurvey:	99.53	99.59		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014	NM	NM	NM	95.95	3.11	-0.25		Destroyed		96.14	3.39	-0.06	95.65	3.94	-0.69
11/13/2014	NM	NM	NM	95.20	3.86	0.75		Destroyed		95.51	4.02	0.63	94.64	4.95	1.01
12/16/2014	NM	NM	NM	95.05	4.01	0.15		Destroyed		95.22	4.31	0.29	94.57	5.02	0.07
1/19/2015	NM	NM	NM	95.84	3.22	-0.79		Destroyed		96.12	3.41	-0.90	95.65	3.94	-1.08
1/20/2015	NM	NM	NM	NM	NM	NM		Destroyed		NM	NM	NM	94.96	4.63	0.69
2/25/2015	NM	NM	NM	96.86	2.2	--		Destroyed		98.46	1.07	--	96.99	2.6	-2.03
3/26/2015	NM	NM	NM	94.77	4.29	2.09		Destroyed		94.88	4.65	3.58	94.31	5.28	2.68
4/22/2015	NM	NM	NM	94.77	4.29	0.00		Destroyed		95.16	4.37	-0.28	93.40	6.19	0.91
5/29/2015	NM	NM	NM	94.60	4.46	0.17		Destroyed		94.62	4.91	0.54	94.99	4.6	-1.59
6/23/2015	NM	NM	NM	93.88	5.18	0.72		Destroyed		93.99	5.54	0.63	93.62	5.97	1.37
7/22/2015	NM	NM	NM	94.78	4.28	-0.90		Destroyed		94.80	4.73	-0.81	94.15	5.44	-0.53
8/24/2015	NM	NM	NM	94.94	4.12	-0.16		Destroyed		94.94	4.59	-0.14	94.46	5.13	-0.31
9/22/2015	NM	NM	NM	95.84	3.22	-0.90		Destroyed		95.89	3.64	-0.95	95.34	4.25	-0.88
10/20/2015	NM	NM	NM	94.60	4.46	1.24		Destroyed		94.69	4.84	1.20	94.53	5.06	0.81
11/19/2015	NM	NM	NM	94.04	5.02	0.56		Destroyed		94.20	5.33	0.49	93.92	5.67	0.61
12/17/2015	NM	NM	NM	94.72	4.34	-0.68		Destroyed		94.72	4.81	-0.52	94.47	5.12	-0.55
1/13/2016	NM	NM	NM	94.22	4.84	0.50		Destroyed		94.26	5.27	0.46	94.05	5.54	0.42
12/8/2016	NM	NM	NM	93.90	5.16	0.32		Destroyed			NM			NM	
5/17/2018	NM	NM	NM	95.81	3.25	-1.91		Destroyed			NM			NM	
8/20/2018	NM	NM	NM	95.53	3.53	0.28		Destroyed			NM			NM	
11/16/2018	NM	NM	NM	94.53	4.53	1.00		Destroyed			NM			NM	
2/15/2019	NM	NM	NM	95.65	3.41	-1.12		Destroyed			NM			NM	
4/29/2019	NM	NM	NM		NM			Destroyed			NM		93.72	5.87	0.33
7/18/2019	NM	NM	NM		NM			Destroyed			NM		95.08	4.51	-1.36
2/5/2020	NM	NM	NM		NM			Destroyed			NM		94.31	5.28	0.77
7/14/2020	NM	NM	NM		NM			Destroyed			NM			NM	
6/8/2023		CNL			NM			Destroyed			NM		93.76	5.83	-0.55
2/26/2024		NM			NM			Destroyed			NM			NM	

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-2			IW-3			IW-4			IW-5			IW-6		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	25.0			25.0			25.0			25.0			25.0		
SCREEN INTERVAL (ft)	20 to 25			20 to 25			20 to 25			20 to 25			20 to 25		
TOC ELEVATION (ft)	98.12			99.62			100.79			100.69			99.97		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005		NI			NI			NI			NI			NI	
1/18/2006		NI			NI			NI			NI			NI	
5/17/2006	92.06	6.06			NI			NI			NI			NI	
6/4/2007	92.20	5.92	NM	93.17	6.45	NM	93.10	7.69		93.56	7.13		93.36	6.61	
12/19/2008	NM	NM	NM	NM	NM	NM	-6.88	6.88	-0.81	NM	NM	NM	NM	NM	NM
4/9/2009	20.82	4.18	-1.74	19.67	5.33	-1.12	NM	NM	NM	-6.17	6.17	-0.96	19.45	5.55	-1.06
2/15-16/10	21.63	3.37	-0.81	19.81	5.19	-0.14	-6.04	6.04	-0.84	-6.21	6.21	0.04	19.67	5.33	-0.22
12/10/2010	NM	NM	NM	Abandoned			Abandoned			Abandoned			Abandoned		
2/14/2012	20.83	4.17	0.80	Abandoned			Abandoned			Abandoned			Abandoned		
3/28/2013 (Baseline)	93.15	4.97	0.80	Abandoned			Abandoned			Abandoned			Abandoned		
5/9/2013	94.25	3.87	-1.10	Abandoned			Abandoned			Abandoned			Abandoned		
5/16/2013	95.25	2.87	-1.00	Abandoned			Abandoned			Abandoned			Abandoned		
5/23/2013	94.77	3.35	0.48	Abandoned			Abandoned			Abandoned			Abandoned		
6/14/2013	94.48	3.64	0.29	Abandoned			Abandoned			Abandoned			Abandoned		
7/23/2013	94.41	3.71	0.07	Abandoned			Abandoned			Abandoned			Abandoned		
8/27/2013	96.83	1.29	-2.42	Abandoned			Abandoned			Abandoned			Abandoned		
9/9/2013	80.62	17.50	16.21	Abandoned			Abandoned			Abandoned			Abandoned		
10/31/2013	85.84	12.28	-5.22	Abandoned			Abandoned			Abandoned			Abandoned		
11/14/2013	88.47	9.65	-2.63	Abandoned			Abandoned			Abandoned			Abandoned		
12/3/2013	85.56	12.56	2.91	Abandoned			Abandoned			Abandoned			Abandoned		
1/2/2014	87.89	10.23	-2.33	Abandoned			Abandoned			Abandoned			Abandoned		
2/6/2014	84.59	13.53	3.30	Abandoned			Abandoned			Abandoned			Abandoned		
3/11/2014	80.61	17.51	3.98	Abandoned			Abandoned			Abandoned			Abandoned		
4/7/2014	80.28	17.84	0.33	Abandoned			Abandoned			Abandoned			Abandoned		
5/13/2014	80.90	17.22	-0.62	Abandoned			Abandoned			Abandoned			Abandoned		
6/18/2014	79.71	18.41	1.19	Abandoned			Abandoned			Abandoned			Abandoned		
7/17/2014	92.89	5.23	-13.18	Abandoned			Abandoned			Abandoned			Abandoned		
8/27/2014	80.87	17.25	12.02	Abandoned			Abandoned			Abandoned			Abandoned		
9/19/2014	82.80	15.32	-1.93	Abandoned			Abandoned			Abandoned			Abandoned		

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-2			IW-3			IW-4			IW-5			IW-6		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	25.0			25.0			25.0			25.0			25.0		
SCREEN INTERVAL (ft)	20 to 25			20 to 25			20 to 25			20 to 25			20 to 25		
TOC ELEVATION (ft)	98.12			99.62			100.79			100.69			99.97		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014	83.73	14.39	-0.93	Abandoned			Abandoned			Abandoned			Abandoned		
11/13/2014	80.74	17.38	2.99	Abandoned			Abandoned			Abandoned			Abandoned		
12/16/2014	80.89	17.23	-0.15	Abandoned			Abandoned			Abandoned			Abandoned		
1/19/2015	81.71	16.41	-0.82	Abandoned			Abandoned			Abandoned			Abandoned		
1/20/2015	94.97	3.15	-13.26	Abandoned			Abandoned			Abandoned			Abandoned		
2/25/2015	80.67	17.45	14.30	Abandoned			Abandoned			Abandoned			Abandoned		
3/26/2015	81.02	17.10	-0.35	Abandoned			Abandoned			Abandoned			Abandoned		
4/22/2015	81.71	16.41	-0.69	Abandoned			Abandoned			Abandoned			Abandoned		
5/29/2015	80.93	17.19	0.78	Abandoned			Abandoned			Abandoned			Abandoned		
6/23/2015	80.09	18.03	0.84	Abandoned			Abandoned			Abandoned			Abandoned		
7/22/2015	80.71	17.41	-0.62	Abandoned			Abandoned			Abandoned			Abandoned		
8/24/2015	81.97	16.15	-1.26	Abandoned			Abandoned			Abandoned			Abandoned		
9/22/2015	82.02	16.10	-0.05	Abandoned			Abandoned			Abandoned			Abandoned		
10/20/2015	81.53	16.59	0.49	Abandoned			Abandoned			Abandoned			Abandoned		
11/19/2015	92.74	5.38	-11.21	Abandoned			Abandoned			Abandoned			Abandoned		
12/17/2015	91.86	6.26	0.88	Abandoned			Abandoned			Abandoned			Abandoned		
1/13/2016	88.71	9.41	3.15	Abandoned			Abandoned			Abandoned			Abandoned		
12/8/2016		NM		Abandoned			Abandoned			Abandoned			Abandoned		
5/17/2018		NM		Abandoned			Abandoned			Abandoned			Abandoned		
8/20/2018		NM		Abandoned			Abandoned			Abandoned			Abandoned		
11/16/2018		NM		Abandoned			Abandoned			Abandoned			Abandoned		
2/15/2019		NM		Abandoned			Abandoned			Abandoned			Abandoned		
4/29/2019		NM		Abandoned			Abandoned			Abandoned			Abandoned		
7/18/2019		NM		Abandoned			Abandoned			Abandoned			Abandoned		
2/5/2020		NM		Abandoned			Abandoned			Abandoned			Abandoned		
7/14/2020		NM		Abandoned			Abandoned			Abandoned			Abandoned		
6/8/2023	93.65	4.47	4.94	Abandoned			Abandoned			Abandoned			Abandoned		
2/26/2024		NM		Abandoned			Abandoned			Abandoned			Abandoned		

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-7			IW-8			IW-9			IW-10			IW-11		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	25.0			25.0			25.0			25.0			25.0		
SCREEN INTERVAL (ft)	20 to 25			20 to 25			20 to 25			20 to 25			20 to 25		
TOC ELEVATION (ft)	97.99			99.96			99.77			99.54			99.80		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005		NI			NI			NI			NI			NI	
1/18/2006		NI			NI			NI			NI			NI	
5/17/2006		NI			NI			NI			NI			NI	
6/4/2007		NI			NI			NI			NI			NI	
12/19/2008	21.01	3.99		18.90	6.10		19.15	5.85		19.51	5.49		19.37	5.63	
4/9/2009	NM	NM	NM	NM	NM	NM	NM	NM	NM	19.85	5.15	-0.34	19.45	5.55	-0.08
2/15-16/10	21.83	3.17	-0.82	19.62	5.38		19.77	5.23	-0.62	19.98	5.02	-0.13	20.75	4.25	-1.30
12/10/2010	NM	NM	NM	Abandoned			Abandoned			Abandoned			NM	NM	NM
2/14/2012	21.19	3.81	0.64	Abandoned			Abandoned			Abandoned			NM	NM	NM
3/28/2013 (Baseline)	93.12	4.87	1.06	Abandoned			Abandoned			Abandoned			NM	NM	NM
5/9/2013	94.35	3.64	-1.23	Abandoned			Abandoned			Abandoned			94.27	5.53	1.28
5/16/2013	95.61	2.38	-1.26	Abandoned			Abandoned			Abandoned			96.09	3.71	-1.82
5/23/2013	95.29	2.70	0.32	Abandoned			Abandoned			Abandoned			95.14	4.66	0.95
6/14/2013	95.51	2.48	-0.22	Abandoned			Abandoned			Abandoned			95.34	4.46	-0.2
7/23/2013	94.78	3.21	0.73	Abandoned			Abandoned			Abandoned			94.24	5.56	1.1
8/27/2013	96.78	1.21	-2.00	Abandoned			Abandoned			Abandoned			96.91	2.89	-2.67
9/9/2013	95.00	2.99	1.78	Abandoned			Abandoned			Abandoned			95.19	4.61	1.72
10/31/2013	94.17	3.82	0.83	Abandoned			Abandoned			Abandoned			94.48	5.32	0.71
11/14/2013	94.07	3.92	0.10	Abandoned			Abandoned			Abandoned			94.62	5.18	-0.14
12/3/2013	91.39	6.60	2.68	Abandoned			Abandoned			Abandoned			94.92	4.88	-0.3
1/2/2014	92.05	5.94	-0.66	Abandoned			Abandoned			Abandoned			94.57	5.23	0.35
2/6/2014	91.18	6.81	0.87	Abandoned			Abandoned			Abandoned			93.09	6.71	1.48
3/11/2014	87.85	10.14	3.33	Abandoned			Abandoned			Abandoned			96.39	3.41	-3.3
4/7/2014	85.84	12.15	2.01	Abandoned			Abandoned			Abandoned			94.24	5.56	2.15
5/13/2014	88.27	9.72	-2.43	Abandoned			Abandoned			Abandoned			93.37	6.43	0.87
6/18/2014	87.18	10.81	1.09	Abandoned			Abandoned			Abandoned			91.99	7.81	1.38
7/17/2014	92.88	5.11	-5.70	Abandoned			Abandoned			Abandoned			94.49	5.31	-2.5
8/27/2014	87.58	10.41	5.30	Abandoned			Abandoned			Abandoned			96.04	3.76	-1.55
9/19/2014	90.60	7.39	-3.02	Abandoned			Abandoned			Abandoned			94.91	4.89	1.13

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-7			IW-8			IW-9			IW-10			IW-11		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	25.0			25.0			25.0			25.0			25.0		
SCREEN INTERVAL (ft)	20 to 25			20 to 25			20 to 25			20 to 25			20 to 25		
TOC ELEVATION (ft)	97.99			99.96			99.77			99.54			99.80		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014	90.38	7.61	0.22	Abandoned			Abandoned			Abandoned			95.78	4.02	-0.87
11/13/2014	87.05	10.94	3.33	Abandoned			Abandoned			Abandoned			94.49	5.31	1.29
12/16/2014	93.31	4.68	-6.26	Abandoned			Abandoned			Abandoned			94.67	5.13	-0.18
1/19/2015	86.68	11.31	6.63	Abandoned			Abandoned			Abandoned			96.09	3.71	-1.42
1/20/2015	95.01	2.98	-8.33	Abandoned			Abandoned			Abandoned			NM	NM	NM
2/25/2015	87.74	10.25	7.27	Abandoned			Abandoned			Abandoned			92.84	6.96	--
3/26/2015	83.99	14.00	3.75	Abandoned			Abandoned			Abandoned			91.25	8.55	1.59
4/22/2015	85.51	12.48	-1.52	Abandoned			Abandoned			Abandoned			94.77	5.03	-3.52
5/29/2015	94.37	3.62	-8.86	Abandoned			Abandoned			Abandoned			92.37	7.43	2.4
6/23/2015	86.58	11.41	7.79	Abandoned			Abandoned			Abandoned			91.49	8.31	0.88
7/22/2015	85.67	12.32	0.91	Abandoned			Abandoned			Abandoned			93.89	5.91	-2.4
8/24/2015	84.87	13.12	0.80	Abandoned			Abandoned			Abandoned			92.58	7.22	1.31
9/22/2015	87.45	10.54	-2.58	Abandoned			Abandoned			Abandoned			94.26	5.54	-1.68
10/20/2015	85.84	12.15	1.61	Abandoned			Abandoned			Abandoned			93.11	6.69	1.15
11/19/2015	85.93	12.06	-0.09	Abandoned			Abandoned			Abandoned			89.96	9.84	3.15
12/17/2015	86.84	11.15	-0.91	Abandoned			Abandoned			Abandoned			91.55	8.25	-1.59
1/13/2016	84.89	13.10	1.95	Abandoned			Abandoned			Abandoned			91.23	8.57	0.32
12/8/2016	93.60	4.39	-8.71	Abandoned			Abandoned			Abandoned				NM	
5/17/2018		NM		Abandoned			Abandoned			Abandoned				NM	
8/20/2018		NM		Abandoned			Abandoned			Abandoned				NM	
11/16/2018		NM		Abandoned			Abandoned			Abandoned				NM	
2/15/2019		NM		Abandoned			Abandoned			Abandoned				NM	
4/29/2019	93.53	4.46	0.07	Abandoned			Abandoned			Abandoned				NM	
7/18/2019	94.88	3.11	-1.35	Abandoned			Abandoned			Abandoned				NM	
2/5/2020	94.14	3.85	0.74	Abandoned			Abandoned			Abandoned				NM	
7/14/2020		NM		Abandoned			Abandoned			Abandoned				NM	
6/8/2023	93.59	4.40	-0.55	Abandoned			Abandoned			Abandoned			93.59	6.21	2.36
2/26/2024	94.63	3.36	1.04	Abandoned			Abandoned			Abandoned				NM	

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-13			IW-14			IW-15			DW-4			DW-5		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	25.0			25.0			25.0			50.0			50.0		
SCREEN INTERVAL (ft)	20 to 25			20 to 25			20 to 25			45 to 50			45 to 50		
TOC ELEVATION (ft)	99.30			99.17			99.51			100.28			99.31		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005		NI			NI			NI			NI			NI	
1/18/2006		NI			NI			NI			NI			NI	
1/10/2007		NI			NI			NI			NI			NI	
6/4/2007		NI			NI			NI			NI			NI	
12/19/2008		NI			NI			NI			NI			NI	
2/15-16/10	94.38	4.92		93.86	5.31		95.02	4.49		92.06	8.22		91.99	7.32	
12/8/2010	NM	NM	NM	90.52	8.65	3.34	NM	NM	NM	88.85	11.43	3.21	88.67	10.64	3.32
12/10/2010	Abandoned			Abandoned			NM	NM	NM	Buried			Buried		
2/14/2012	Abandoned			Abandoned			NM	NM	NM	Buried			Buried		
3/28/2013 (Baseline)	Abandoned			Abandoned			93.36	6.15		Buried			Buried		
5/9/2013	Abandoned			Abandoned			94.75	4.76	-1.39	Buried			Buried		
5/16/2013	Abandoned			Abandoned			95.43	4.08	-0.68	Buried			Buried		
5/23/2013	Abandoned			Abandoned			95.56	3.95	-0.13	Buried			Buried		
6/14/2013	Abandoned			Abandoned			95.53	3.98	0.03	Buried			Buried		
7/23/2013	Abandoned			Abandoned			95.16	4.35	0.37	Buried			Buried		
8/27/2013	Abandoned			Abandoned			96.47	3.04	-1.31	Buried			Buried		
9/9/2013	Abandoned			Abandoned			96.23	3.28	0.24	Buried			Buried		
10/31/2013	Abandoned			Abandoned			95.54	3.97	0.69	Buried			Buried		
11/14/2013	Abandoned			Abandoned			94.74	4.77	0.80	Buried			Buried		
12/3/2013	Abandoned			Abandoned			94.77	4.74	-0.03	Buried			Buried		
1/2/2014	Abandoned			Abandoned			94.84	4.67	-0.07	Buried			Buried		
2/6/2014	Abandoned			Abandoned			94.53	4.98	0.31	Buried			Buried		
3/11/2014	Abandoned			Abandoned			94.80	4.71	-0.27	Buried			Buried		
4/7/2014	Abandoned			Abandoned			94.75	4.76	0.05	Buried			Buried		
5/13/2014	Abandoned			Abandoned			94.56	4.95	0.19	Buried			Buried		
6/18/2014	Abandoned			Abandoned			95.38	4.13	-0.82	Buried			Buried		
7/17/2014	Abandoned			Abandoned			95.73	3.78	-0.35	Buried			Buried		
8/27/2014	Abandoned			Abandoned			95.91	3.60	-0.18	Buried			Buried		
9/19/2014	Abandoned			Abandoned			95.53	3.98	0.38	Buried			Buried		

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-13			IW-14			IW-15			DW-4			DW-5		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	25.0			25.0			25.0			50.0			50.0		
SCREEN INTERVAL (ft)	20 to 25			20 to 25			20 to 25			45 to 50			45 to 50		
TOC ELEVATION (ft)	99.30			99.17			99.51			100.28			99.31		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014	Abandoned			Abandoned			95.70	3.81	-0.17	Buried			Buried		
11/13/2014	Abandoned			Abandoned			95.70	3.81	0.00	Buried			Buried		
12/16/2014	Abandoned			Abandoned			95.30	4.21	0.40	Buried			Buried		
1/19/2015	Abandoned			Abandoned			95.48	4.03	-0.18	Buried			Buried		
1/20/2015	Abandoned			Abandoned			95.35	4.16	0.13	Buried			Buried		
2/25/2015	Abandoned			Abandoned			95.37	4.14	-0.02	Buried			Buried		
3/26/2015	Abandoned			Abandoned			95.45	4.06	-0.08	Buried			Buried		
4/22/2015	Abandoned			Abandoned			95.16	4.35	0.29	Buried			Buried		
5/29/2015	Abandoned			Abandoned			94.82	4.69	0.34	Buried			Buried		
6/23/2015	Abandoned			Abandoned			93.94	5.57	0.88	Buried			Buried		
7/22/2015	Abandoned			Abandoned			94.89	4.62	-0.95	Buried			Buried		
8/24/2015	Abandoned			Abandoned			94.66	4.85	0.23	Buried			Buried		
9/22/2015	Abandoned			Abandoned			95.33	4.18	-0.67	Buried			Buried		
10/20/2015	Abandoned			Abandoned			94.64	4.87	0.69	Buried			Buried		
11/19/2015	Abandoned			Abandoned			94.41	5.10	0.23	Buried			Buried		
12/17/2015	Abandoned			Abandoned			94.53	4.98	-0.12	Buried			Buried		
1/13/2016	Abandoned			Abandoned			94.36	5.15	0.17	Buried			Buried		
12/8/2016	Abandoned			Abandoned				NM		Buried			Buried		
5/17/2018	Abandoned			Abandoned				NM		Buried			Buried		
8/20/2018	Abandoned			Abandoned				NM		Buried			Buried		
11/16/2018	Abandoned			Abandoned				NM		Buried			Buried		
2/15/2019	Abandoned			Abandoned				NM		Buried			Buried		
4/29/2019	Abandoned			Abandoned				NM		Buried			Buried		
7/18/2019	Abandoned			Abandoned				NM		Buried			Buried		
2/5/2020	Abandoned			Abandoned				NM		Buried			Buried		
7/14/2020	Abandoned			Abandoned				NM		Buried			Buried		
6/8/2023	Abandoned			Abandoned				NM		Buried			Buried		
2/26/2024	Abandoned			Abandoned				NM		Buried			Buried		

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-16			MW-1RR			IW-17			IW-18			IW-19		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	27.0			12.0			30.0			30.0			30.0		
SCREEN INTERVAL (ft)	22 to 27			2 to 12			20 to 30			20 to 30			20 to 30		
TOC ELEVATION (ft)	NS			99.22			97.92			98.11			99.66		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005		NI													
1/18/2006		NI													
1/10/2007		NI													
6/4/2007		NI													
12/19/2008		NI													
2/15-16/10		NI													
12/8/2010		NI													
12/10/2010		NI													
2/14/2012	NS	6.91													
3/28/2013 (Baseline)	NM	NM	NM												
5/9/2013	NM	NM	NM												
5/16/2013	NM	NM	NM												
5/23/2013	NM	NM	NM												
6/14/2013	NM	NM	NM												
7/23/2013	NM	NM	NM												
8/27/2013	NM	NM	NM												
9/9/2013	NM	NM	NM												
10/31/2013	NM	NM	NM												
11/14/2013	NM	NM	NM												
12/3/2013	NM	NM	NM												
1/2/2014	NM	NM	NM												
2/6/2014	NM	NM	NM												
3/11/2014	NM	NM	NM												
4/7/2014	NM	NM	NM												
5/13/2014	NM	NM	NM												
6/18/2014	NM	NM	NM												
7/17/2014	NM	NM	NM												
8/27/2014	NM	NM	NM												
9/19/2014	NM	NM	NM												

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-16			MW-1RR			IW-17			IW-18			IW-19		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	27.0			12.0			30.0			30.0			30.0		
SCREEN INTERVAL (ft)	22 to 27			2 to 12			20 to 30			20 to 30			20 to 30		
TOC ELEVATION (ft)	NS			99.22			97.92			98.11			99.66		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014	NM	NM	NM												
11/13/2014	NM	NM	NM												
12/16/2014	NM	NM	NM												
1/19/2015	NM	NM	NM												
1/20/2015		NM			NM										
2/25/2015		NM			NM										
3/26/2015		NM			NM										
4/22/2015		NM			NM										
5/29/2015		NM			NM										
6/23/2015		NM			NM										
7/22/2015		NM			NM										
8/24/2015		NM			NM										
9/22/2015		NM			NM										
10/20/2015		NM			NM										
11/19/2015		NM			NM										
12/17/2015		NM			NM										
1/13/2016		NM			NM										
12/8/2016		NM			NM										
5/17/2018		NM			4.30										
8/20/2018		NM			4.13										
11/16/2018		NM		94.37	4.85										
2/15/2019		NM		95.13	4.09	0.76	Installed 4/28/19			Installed 4/28/19			Installed 4/28/19		
4/29/2019		7.07			NM		93.22	4.7		93.10	5.01		93.17	6.49	
7/18/2019		6.21	-0.86		NM		94.28	3.64	-1.06	94.23	3.88	-1.13	94.10	5.56	-0.93
2/5/2020		6.54	0.33		NM		93.96	3.96	0.32	93.77	4.34	0.46	93.75	5.91	0.35
7/14/2020		NM			NM			NM		94.40	3.71	-0.63	94.23	5.43	-0.48
6/8/2023		7.02	-0.48	93.77	5.45	-1.36	93.46	4.46	-0.50	93.19	4.92	-1.21	93.25	6.41	-0.98
2/26/2024		NM		94.92	4.30	1.15	94.34	3.58	0.88		NM			NM	

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-20			IW-21			IW-22			IW-23			IW-24		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	30.0			24.0			24.0			26.0			24.0		
SCREEN INTERVAL (ft)	20 to 30			14 to 24			14 to 24			16 to 26			14 to 24		
TOC ELEVATION (ft)	100.45			97.48			97.79			97.86			97.68		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005															
1/18/2006															
1/10/2007															
6/4/2007															
12/19/2008															
2/15-16/10															
12/8/2010															
12/10/2010															
2/14/2012															
3/28/2013 (Baseline)															
5/9/2013															
5/16/2013															
5/23/2013															
6/14/2013															
7/23/2013															
8/27/2013															
9/9/2013															
10/31/2013															
11/14/2013															
12/3/2013															
1/2/2014															
2/6/2014															
3/11/2014															
4/7/2014															
5/13/2014															
6/18/2014															
7/17/2014															
8/27/2014															
9/19/2014															

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-20			IW-21			IW-22			IW-23			IW-24		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	30.0			24.0			24.0			26.0			24.0		
SCREEN INTERVAL (ft)	20 to 30			14 to 24			14 to 24			16 to 26			14 to 24		
TOC ELEVATION (ft)	100.45			97.48			97.79			97.86			97.68		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014															
11/13/2014															
12/16/2014															
1/19/2015															
1/20/2015															
2/25/2015															
3/26/2015															
4/22/2015															
5/29/2015															
6/23/2015															
7/22/2015															
8/24/2015															
9/22/2015															
10/20/2015															
11/19/2015															
12/17/2015															
1/13/2016															
12/8/2016															
5/17/2018															
8/20/2018															
11/16/2018															
2/15/2019	Installed 4/28/19														
4/29/2019	93.09	7.36													
7/18/2019	94.06	6.39	-0.97												
2/5/2020	93.69	6.76	0.37	Installed 7/7/2020			Installed 7/7/2020			Installed 7/7/2020			Installed 7/6/2020		
7/14/2020	94.20	6.25	-0.51	94.07	3.41		94.01	3.78		93.89	3.97		94.54	3.14	
6/8/2023	93.22	7.23	-0.98	93.07	4.41	-1.00	93.00	4.79	-1.01	92.99	4.87	-0.90	93.25	4.43	-1.29
2/26/2024	94.02	6.43	0.80	93.94	3.54	0.87	93.90	3.89	0.90	93.83	4.03	0.84		NM	

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-25			IW-26			IW-27			IW-28			IW-29		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	25.0			28.0			30.0			30.0			30.0		
SCREEN INTERVAL (ft)	15 to 25			18 to 28			20 to 30			20 to 30			20 to 30		
TOC ELEVATION (ft)	98.07			99.29			97.50			96.23			96.74		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
4/7/2005															
1/18/2006															
1/10/2007															
6/4/2007															
12/19/2008															
2/15-16/10															
12/8/2010															
12/10/2010															
2/14/2012															
3/28/2013 (Baseline)															
5/9/2013															
5/16/2013															
5/23/2013															
6/14/2013															
7/23/2013															
8/27/2013															
9/9/2013															
10/31/2013															
11/14/2013															
12/3/2013															
1/2/2014															
2/6/2014															
3/11/2014															
4/7/2014															
5/13/2014															
6/18/2014															
7/17/2014															
8/27/2014															
9/19/2014															

TABLE 1: GROUNDWATER ELEVATION TABLE

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

All Measurements = Feet
No Data = Blank

WELL NO.	IW-25			IW-26			IW-27			IW-28			IW-29		
DIAMETER	2-inch			2-inch			2-inch			2-inch			2-inch		
WELL DEPTH (ft)	25.0			28.0			30.0			30.0			30.0		
SCREEN INTERVAL (ft)	15 to 25			18 to 28			20 to 30			20 to 30			20 to 30		
TOC ELEVATION (ft)	98.07			99.29			97.50			96.23			96.74		
DATE	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff	ELEV	DTW	Diff
10/16/2014															
11/13/2014															
12/16/2014															
1/19/2015															
1/20/2015															
2/25/2015															
3/26/2015															
4/22/2015															
5/29/2015															
6/23/2015															
7/22/2015															
8/24/2015															
9/22/2015															
10/20/2015															
11/19/2015															
12/17/2015															
1/13/2016															
12/8/2016															
5/17/2018															
8/20/2018															
11/16/2018															
2/15/2019															
4/29/2019															
7/18/2019															
2/5/2020	Installed 7/6/2020			Installed 7/6/2020											
7/14/2020	94.38	3.69		94.24	5.05		Installed 6/1/23			Installed 6/1/23			Installed 6/1/23		
6/8/2023	93.32	4.75	-1.06	93.46	5.83	-0.78	93.11	4.39		92.48	3.75		92.53	4.21	
2/26/2024		NM		94.13	5.16	0.67	94.19	3.31	1.08		NM			NM	

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
CW-1	5-16	09/17/91	6.04	4600	16000	1900	17000	39500	10000 U	NS	NS	NR	NR	NR	NS
		04/23/92	NM	3400	18000	3000	17000	41400	10000 U	0.02 U	1.0 U	NR	NR	NR	6000
		03/14/94	6.38	4400	NR	NR	NR	35900	500 U	0.03	3.0 U	NR	NR	NR	9000
		04/07/05	5.62	110	460	1150	4940	6660	20 U	NS	NS	204	88	138	18000
		01/11/07	6.01	370	560	1000	5500	7430	51 U	NS	NS	190	65	130	31000
CW-2	5-15	09/17/91	5.81	7.9	5.3	1.1	12	36.2	10 U	NS	NS	NR	NR	NR	NS
		03/14/94	6.14	26	NR	NR	NR	33	17	NS	NS	NR	NR	NR	NS
		04/07/05	5.40	170	18	100	11	299	39	NS	NS	35	16	33	850
CW-3	5-15	09/17/91	5.74	1.7	5.4	1.0 U	5	12.1	10 U	NS	NS	NR	NR	NR	NS
		03/14/94	6.06	16	NR	NR	NR	16	17	NS	NS	NR	NR	NR	NS
		04/07/05	5.35	910	20	830	21	1781	19	NS	NS	347	90	189	4300
		01/11/07	5.67	69	1.4 U	270	18.7	357.7	7.4 (I)	NS	NS	220	51	110	4900
CW-4	5-16	09/17/91	6.32	1.2	3.8	1.0 U	4	9	10 U	NS	NS	NR	NR	NR	NS
		03/14/94	6.66	1.0 U	NR	NR	NR	NCD	<5	NS	NS	NR	NR	NR	NS
		04/07/05	5.93	1.6	1.0 U	1.0 U	3.0 U	1.6	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	5000 U
Private Well #1	--	09/17/91	NM	2.1	1.0 U	1.0 U	1.0 U	2.1	5.0 U	NS	NS	NR	NR	NR	NS
		04/23/92	NM	1.0 U	1.0 U	1.0 U	1.0 U	NCD	1.0 U	0.02 U	0.005 U	NR	NR	NR	5000 U
		03/14/94	NM	1.0 U	NR	NR	NR	NCD	5.0 U	NS	NS	NR	NR	NR	NS
		05/24/05	NM	0.37 U	0.68 U	0.54 U	0.57 U	NCD	0.54 U	NS	NS	NS	NS	NS	NS
		01/10/07	NM	0.14 U	0.29 U	0.10 U	0.12 U	NCD	0.51 U	NS	NS	0.067 (I)	0.044 U	0.077 U	NS
MW-5	5-20	09/17/91	5.93	3.5	1.0 U	1.0 U	1.0 U	3.5	1.0 U	NS	NS	NR	NR	NR	NS
		04/23/92	NM	3000	1.0 U	550	750	4300	1.0 U	0.02 U	0.012	NR	NR	NR	5000 U
		03/14/94	6.28	41	NR	NR	NR	56	5.0 U	NS	NS	NR	NR	NR	NS
Well Abandoned															
MW-6	5-20	06/13/91	4.66	21000	34000	4200	21000	80200	1.0 U	0.02 U	NS	NR	NR	NR	NS
		12/03/91	NM	14000	18000	2500	11000	45500	1.0 U	NS	NS	NR	NR	NR	NS
		04/23/92	NM	13000	12000	3100	13000	41100	1.0 U	0.13	0.031	NR	NR	NR	4000
		03/14/94													
Free Product															
Well Abandoned															
MW-7	5-20	06/13/91	4.88	1.0 U	1.0 U	1.0 U	1.0 U	NCD	1.0 U	NS	NS	NR	NR	NR	NS
		12/03/91	5.88	1.0 U	1.0 U	1.0 U	1.0 U	NCD	1.0 U	NS	NS	NR	NR	NR	NS
		03/14/94	8.96	1.0 U	NR	NR	NR	NCD	5.0 U	NS	NS	NR	NR	NR	NS
Well Abandoned															
MW-8	5-20	06/13/91	4.56	1.0 U	1.0 U	1.0 U	1.0 U	NCD	1.0 U	NS	NS	NR	NR	NR	NS
		12/03/91	6.34	1.0 U	1.0 U	1.0 U	1.0 U	NCD	1.0 U	NS	NS	NR	NR	NR	NS
		03/14/94	6.40	1.0 U	NR	NR	NR	NCD	5.0 U	NS	NS	NR	NR	NR	NS
Well Abandoned															

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line

K= Key Well

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
MW-9	2-17	06/13/91	3.91	27	40	9.6	49	126	1.0 U	NS	NS	NR	NR	NR	NS
		03/14/94	4.36	1.0 U	NR	NR	NR	4	5.0 U	NS	NS	NR	NR	NR	NS
				Well Abandoned											
MW-10	1.5-16.5	09/17/91	3.48	40	10	8.9	20	99.9	21	NS	340	NR	NR	NR	NS
		04/23/92	NM	1.0 U	1.0 U	1.0 U	1.0 U	NCD	1.0 U	0.02 U	0.005 U	NR	NR	NR	5.0 U
		03/14/94	3.36	1.0 U	NR	NR	NR	NCD	5.0 U	NS	NS	NR	NR	NR	NS
		Well Abandoned													
MW-11	3-18	09/17/91	5.90	51	11	<1	410	472	510	NS	25	NR	NR	NR	NS
		04/23/92	NM	69	6	45	66	186	5.0 U	0.02 U	0.023	NR	NR	NR	5000 U
		03/14/94	6.24	75	NR	NR	NR	300	35	NS	NS	NR	NR	NR	NS
		Well Abandoned													
MW-12	4-19	12/03/91	6.01	1.0 U	1.0 U	1.0 U	1.0 U	NCD	1.0 U	NS	NS	NR	NR	NR	NS
		03/14/94	9.20	1.0 U	NR	NR	NR	NCD	5.0 U	NS	NS	NR	NR	NR	NS
				Well Abandoned											
MW-13	4-19	12/03/91	2.52	1600	1.0 U	1.0 U	180	1780	1000	NS	NS	NR	NR	NR	NS
		04/23/92	NM	940	8	37	160	1145	1300	0.02 U	0.01	NR	NR	NR	5000 U
		03/14/94	2.60	1600	NR	NR	NR	2250	83	NS	NS	NR	NR	NR	NS
		Well Abandoned													
MW-14	2-12	03/14/94	3.21	1.0 U	NR	NR	NR	NCD	5.0 U	0.02 U	5	NR	NR	NR	1000 U
				Well Abandoned											
PZ-1	--	09/17/91	NM	700	200	22	17	939	1.0 U	NS	1.0 U	NR	NR	NR	NS
		03/14/94	NM	800	NR	NR	NR	1079	50 U	NS	NS	NR	NR	NR	NS
				Well Abandoned											
PZ-2	--	12/03/91	NM	86	85	69	360	600	18	NS	NS	NS	NS	NS	NS
		03/14/94	NM	150	NR	NR	NR	171	36	0.02 U	22	NR	NR	NR	1000 U
				Well Abandoned											
PZ-3	--	12/23/91	NM	1.0 U	1.0 U	1.0 U	1.0 U	NCD	1.0 U	NS	NS	NS	NS	NS	NS
		04/23/92	NM	2	1.0 U	1.0 U	1.0 U	2	5.0 U	0.02 U	0.14	NR	NR	NR	5000 U
		03/14/94	NM	1.0 U	NR	NR	NR	NCD	8	NS	NS	NR	NR	NR	NS
		Well Abandoned													

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
2005-2024 Data															
MW-1R	3-13 baseline	04/07/05	4.71	44	6.6	1760	1097.6	2908.2	1.0 U	NS	NS	1038	188	423	11000
		01/11/07	5.14	36 (I)	14.0 U	2000	200	2236	26.0 U	NS	NS	490	110	200	16000
		04/09/09	4.45	36.4	35.5	1400	47.9 I	1519.8	93.1 I	NS	NS	334	102	181	9640
		02/14/12	4.75	5.39	3.07	1380	7.49	1395.95	0.4 U	NS	NS	555	242	424	NS
		03/28/13	5.66	5.1	2.7	1150	0.50 U	1158.3	0.50 U	NS	NS	590	217	421	8900
		07/23/13	4.31	0.57 I	0.50 U	175	0.50 U	175.6	0.50 U	NS	NS	4.4	66.2	2.3	3700
		01/02/14	4.89	0.18 I	0.50 U	14.1	0.50 U	14.28	0.50 U	NS	NS	11.6	7.8	8.9	500
		04/07/14	4.49	0.20 I	0.50 U	28.6	0.50 U	28.8	0.50 U	NS	NS	1.0 U	1.0 U	1.0 U	700
		07/17/14	3.46	0.60 I	0.67 I	152	0.50 U	153.27	0.50 U	NS	NS	159	61.2	76.2	3800
		10/16/14	3.12	0.10 U	0.50 U	2.0	0.50 U	2.0	0.50 U	NS	NS	1.0 U	1.0 U	1.0 U	800
		01/20/15	3.74	0.10 U	0.50 U	40.6	0.50 U	40.6	0.50 U	NS	NS	36.2	18.5	21.7	1000
		04/22/15	4.73	0.10 U	0.50 U	7.4	0.50 U	7.4	0.50 U	NS	NS	1.0 U	1.0 U	1.0 U	3200
		07/29/15	4.69	0.17 I	0.50 U	60.2	0.50 U	60.37	0.50 U	NS	NS	178	74.1	92.9	2100
		10/21/15	4.56	0.10 U	1.4	302	0.50 U	303.40	0.50 U	NS	NS	456	250	418	5100
		01/13/16	4.81	0.68 I	1.3	360	0.50 U	361.98	0.50 U	NS	NS	353	199	332	4700
		12/08/16	5.09	0.16 U	1.38	323	0.73 I	325.11	0.18 U	NS	NS	NS	NS	NS	NS
Well Abandoned															
MW-1RR	2-12	2/14/18	4.99	0.34 I	1.3	4.0	1.0 U	5.64	0.50 U	NS	NS	12.4	41.4	66.9	2000
		05/17/18	4.30	0.34 I	0.50 U	12.2	1.5 U	12.5	0.50 U	NS	NS	5.3	20.2	21.5	1300
		08/20/18	3.39	0.23 I	0.50 U	6.8	1.5 U	7	0.50 U	NS	NS	4.9	15.3	14.9	860 I
		11/16/18	4.85	0.24 I	0.50 U	6.5	1.5 U	6.74	0.50 U	NS	NS	4.2	17.2	23.5	1900
		02/15/19	4.09	0.30 U	0.33 U	7.3	2.1 U	7.3	0.51 U	NS	NS	7.9	17.6	19.1	910 I
		06/08/23	5.45	0.30 U	0.33 U	1.0	2.1 U	1.0	1.2 U	NS	NS	4.9	24.2	41.4	1300
		02/26/24	4.30	NS	NS	NS	NS	NS	NS	NS	NS	7.3	15	19	NS
MW-2R	3-13	04/06/05	3.95	1.0 U	1.0 U	1.0 U	3.0 U	NCD	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	500 U
		01/10/07	4.03	0.14 U	0.29 U	0.10 U	0.12 U	NCD	0.51 U	NS	NS	0.023 U	0.044 U	0.077 U	280 I
		04/09/09	2.93	0.17 U	0.21 U	0.181 I	0.55 U	0.181	0.20 U	NS	NS	NS	NS	NS	NS
		12/08/16	4.49	0.16 U	0.14 U	0.19 U	0.2 U	NCD	0.18 U	NS	NS	NS	NS	NS	NS
		05/17/18	2.01	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.048 U	0.032 U	0.11 U	NS
		08/20/18	2.89	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.048 U	0.032 U	0.11 U	NS
		11/16/18	4.19	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.29 U	0.34 I	0.68 U	NS
		02/15/19	2.77	0.30 U	0.33 U	0.30 U	2.1 U	NCD	0.51 U	NS	NS	0.043 U	0.041 U	0.038 U	NS

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line

K= Key Well

			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
MW-3R	3-13 baseline	04/07/05	4.17	1.0 U	1.0 U	1.0 U	3.0 U	NCD	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	500 U
		01/10/07	4.49	0.14 U	0.29 U	0.10 U	0.12 U	NCD	0.51 U	NS	NS	0.023 U	0.044 U	0.077 U	NS
		04/09/09	3.53	17.2	0.365 I	0.731 I	61.4	79.69	5.73	NS	NS	NS	NS	NS	NS
		02/15/10	2.71	0.194 I	0.205 U	0.173 U	0.171 U	0.194	0.196 U	NS	NS	0.17 I	0.045 I	0.054 I	NS
		03/28/13	4.84	0.10 U	0.50 U	0.70 I	0.50 U	0.70	0.50 U	NS	NS	NS	NS	NS	NS
		07/24/13	2.73	0.10 U	0.50 U	0.50 U	1.0	1.00	0.50 U	NS	NS	NS	NS	NS	NS
		01/02/14	3.68	14.5	0.50 U	2.5	1.1	18.10	0.50 U	NS	NS	NS	NS	NS	NS
		04/07/14	2.92	5.8	0.50 U	1.5	0.99 I	8.29	0.50 U	NS	NS	NS	NS	NS	NS
		07/17/14	1.13	2.0	0.50 U	0.50 U	0.50 U	2	0.50 U	NS	NS	NS	NS	NS	NS
		10/16/14	2.14	0.16 I	0.50 U	0.50 U	0.50 U	0.16	0.50 U	NS	NS	NS	NS	NS	NS
		01/20/15	2.37	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		04/22/15	2.25	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		07/29/15	3.93	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		10/21/15	3.58	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		01/13/16	4.00	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		06/08/23	4.67	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	NS	NS	NS	NS
MW-4R	3-13	04/06/05	4.70	1.0 U	1.0 U	1.0 U	3.0 U	NCD	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	500 U
		01/10/07	4.76	0.14 U	0.29 U	0.10 U	0.12 U	NCD	73	NS	NS	0.023 U	0.044 U	0.077 U	NS
		04/09/09	4.15	0.17 U	0.272 I	0.597 I	0.55 U	0.869	9.19	NS	NS	NS	NS	NS	NS
		05/17/18	3.64	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.048 U	0.032 U	0.11 U	NS
		08/20/18	3.64	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.048 U	0.032 U	0.11 U	NS
		11/16/18	4.45	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.29 U	0.21 I	0.68 U	NS
		02/15/19	3.47	0.30 U	0.33 U	0.30 U	2.1 U	NCD	0.51 U	NS	NS	0.044 U	0.041 U	0.039 U	NS
		06/08/23	5.08	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	NS	NS	NS	NS
MW-5R	3-13	04/06/05	3.90	3.9	1.0 U	6.9	3.0 U	10.8	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	500 U
		05/17/06	5.59	110	0.54	26	3.87	140.41	23	NS	NS	3.2	1.4	1.9	NS
		04/09/09	3.34	0.734 I	0.467 I	0.334 I	1.49 I	3.025 I	0.20 U	NS	NS	NS	NS	NS	NS
		02/15/10	3.14	0.173 U	0.205 U	0.173 U	0.171 U	NCD	0.196 U	NS	NS	0.034 U	0.026 U	0.03 U	NS
		10/16/14	4.25	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	1.0 U	1.0 U	1.0 U	NS
		01/20/15	2.54	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	1.0 U	1.0 U	1.0 U	NS
		06/08/23	4.31	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	NS	NS	NS	NS

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line

K= Key Well

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
MW-6R	3-13 baseline	04/06/05	5.53	1.0 U	1.0 U	1.0 U	3.0 U	NCD	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	500 U
		01/10/07	5.81	0.14 U	0.29 U	0.10 U	0.12 U	NCD	0.51 U	NS	NS	0.023 U	0.044 U	0.077 U	NS
		04/09/09	4.88	0.17 U	0.21 U	0.17 U	0.56 I	0.56 I	4.17 I	NS	NS	NS	NS	NS	NS
		03/28/13	6.25	0.59 I	0.50 U	3.5	0.50 U	4.09	1.6	NS	NS	NS	NS	NS	NS
		07/23/13	1.90	1.4	0.56 I	6.5	2.2	10.66	7.1	NS	NS	NS	NS	NS	NS
		01/02/14	5.87	0.10 U	0.50 U	0.50 U	0.50 U	NCD	1.3	NS	NS	NS	NS	NS	NS
		04/07/14	5.63	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		07/17/14	4.24	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		10/16/14	4.25	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		01/20/15	4.56	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		04/22/15	4.61	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		07/29/15	5.59	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		10/21/15	5.48	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		01/13/16	5.64	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
06/08/23	6.03	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	NS	NS	NS	NS	NS	
MW-7R	3-13	04/06/05	5.48	1.0 U	1.0 U	1.0 U	3.0 U	NCD	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	500 U
MW-8R	2-12	04/07/05	2.08	1.0 U	1.0 U	1.0 U	3.0 U	NCD	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	500 U
		05/17/06	3.91	750	22	48.0	420	1240	4.5	NS	NS	0.094	0.044 U	0.077 U	NS
		01/11/07	2.56	440	4.5 (I)	14	530	988.5	43 (I)	NS	NS	13	0.15 (I)	0.19 (I)	NS
		02/15/10	1.23	151	2.75	6.68	25.6	186.03	14.6	NS	NS	45.7	10.3	4.96	NS
		02/14/12	2.01	0.4 U	0.4 U	0.4 U	0.8 U	NCD	0.4 U	NS	NS	0.272	0.05 U	0.107	NS
		04/03/13	2.91	1.6	0.50 U	1.7	14	17.3	0.50 U	NS	NS	135	14.2	12.2	NS
		07/24/13	2.47	1.1	0.50 U	0.98 I	0.50 U	2.08	0.50 U	NS	NS	158	20.8	14.7	NS
		01/02/14	2.04	4.1	0.50 U	1.1	0.77 I	5.97	0.50 U	NS	NS	67.7	9.8	6.7	NS
		04/07/14	1.64	9.7	0.50 U	1.4	2.6	13.7	0.50 U	NS	NS	83.4	16.8	16.6	NS
		04/22/15	1.03	8.8	0.50 U	0.50 U	0.89 I	9.69	0.50 U	NS	NS	14.7	1.8 I	1.0 U	NS
		07/29/15	2.01	0.37 I	0.50 U	0.50 U	0.50 U	0.37	0.50 U	NS	NS	22.6	1.5 I	1.0 U	NS
		10/21/15	1.83	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	16.3	1.0 U	1.0 U	NS
		01/13/16	1.95	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	11.2	1.0 U	1.0 U	NS
		Well Abandoned													
MW-9R	2-12	05/24/05	NM	0.62 U	0.68 U	0.54 U	0.57 U	NCD	0.54 U	NS	NS	0.13 U	0.12 U	0.10 U	64 U
		05/17/06	3.66	2.2	0.28	5.7	8.3	16.48	0.31	NS	NS	5.0	0.92	1.1	NS
		03/08/07	2.33	0.31	0.09 U	0.1	0.13 U	0.41	0.34	NS	NS	0.32	0.046	0.098 U	NS
		04/09/09	1.41	0.17 U	0.21 U	0.17 U	0.55 U	NCD	0.20 U	NS	NS	NS	NS	NS	NS
		06/08/23	2.34	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.3 I	NS	NS	NS	NS	NS	NS
MW-10R	2-12	01/18/06	3.03	7.8	2.7 U	48	9.6	65.4	4.0 U	NS	NS	140	33	48	NS
		05/17/06	4.40	22	0.094	110	30.2	162.29	3.8	NS	NS	0.023 U	0.044 U	0.077 U	NS
		03/08/07	3.10	370	3.9	110	46.1	530	23	NS	NS	45	14	21	NS
		04/09/09	2.08	0.206 I	<0.21	0.272 I	0.55 U	0.478	0.20 U	NS	NS	0.682 I	0.301 I	0.436 I	NS
		02/15/10	1.69	0.173 U	0.205 U	0.173 U	0.171 U	NCD	0.208 I	NS	NS	0.075 I	0.042 I	0.03 U	NS
Well Destroyed															

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line

K= Key Well

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
MW-11R	2-12	01/10/07	6.32	0.33 (I)	0.29 U	0.10 U	2.28	2.61	0.51 U	NS	NS	0.42 (I)	0.044 U	0.077 U	NS
		04/09/09	5.39	212	1.71	4.69	72.0	290.4	16.9	NS	NS	NS	NS	NS	NS
		02/15/10	3.97	0.79 I	0.581 I	0.431 I	6.08	7.88	0.196 U	NS	NS	1.67	0.05 I	0.075 I	NS
Well Abandoned															
MW-12R	2-12	01/11/07	5.94	0.14 U	0.29 U	0.35I	4.88	5.23	0.51 U	NS	NS	1.4	0.19 (I)	0.32 (I)	NS
		04/09/09	4.93	0.194 I	0.468 I	0.17 U	0.55 U	0.662	3.97 I	NS	NS	NS	NS	NS	NS
Well Abandoned															
MW-13R	2-12	01/10/07	5.82	0.14 U	0.29 U	0.10 U	1.9	1.9	0.51 U	NS	NS	0.050 (I)	0.044 U	0.077 U	NS
Well Abandoned															
MW-14R	2-12	12/19/08	6.01	155	2.92 I	31.3	96.7	285.92	38.9	NS	NS	48.7	2.32	2.1	NS
		02/15/10	4.09	0.173	0.205 U	0.173 U	0.392	0.565	0.196 U	NS	NS	0.634 I	0.108 I	0.106 I	NS
Well Abandoned															
MW-15	2-12	02/16/10	5.03	1.4	0.205 U	0.306 I	3.55	5.256	0.196 U	NS	NS	0.902 I	0.684 I	1.02	NS
Well Abandoned															
MW-16	2-12	02/16/10	4.20	0.361 I	0.205 U	0.173 U	0.171 U	0.361	0.196 U	NS	NS	0.069 I	0.037 I	0.03 U	NS
Well Abandoned															
MW-17	2-12	02/16/10	4.10	0.173 U	0.205 U	0.173 U	0.171 U	NCD	0.196 U	NS	NS	0.034 U	0.026 U	0.03 U	NS
Well Abandoned															
IW-1	20-25 baseline	01/18/06	NM	140	5.5	150	42	337.5	8.0 U	NS	NS	580	78	140	NS
		05/17/06	7.46	26	89	39	3.7	157.7	1.1	NS	NS	0.023 U	0.044 U	0.077 U	NS
		04/09/09	5.05	20.5	0.940 I	3.84	8.55	33.83	23.1	NS	NS	61.7	25.0	42.5	NS
		02/14/12	5.41	7.62	1.28	76.6	9.26	94.76	0.4 U	NS	NS	391	140.0	238	NS
		03/28/13	6.32	3.5	0.50 U	11	0.50 U	14.5	31.8	NS	NS	36.6	83.7	132	NS
		07/23/13	5.54	21	1.5	25	8.1	55.6	8.3	NS	NS	87.5	51.5	69.3	NS
		01/02/14	6.24	40.3	1.7	23.5	14.1	79.6	1.2	NS	NS	45.6	33.0	43	NS
		04/07/14	5.66	34.5	1.5	23	16.9	75.9	0.50 U	NS	NS	41.7	40.0	49.3	NS
		07/17/14	4.05	28.3	0.50 U	8.7	0.50 U	37	2.5	NS	NS	22.5	27.0	12.7	NS
		10/16/14	3.94	15.7	0.50 U	2.3	0.54 I	18.54	1.8	NS	NS	1.0 U	1.1 I	1.0 U	NS
		01/20/15	4.63	4.3	0.50 U	3.2	0.50 U	7.5	0.50 U	NS	NS	1.0 U	1.0 U	1.0 U	NS
		04/22/15	4.38	8.9	0.50 U	3.2	5.1	17.2	2.5	NS	NS	3	1.2 I	1.0 U	NS
	Pre-Pilot Post-Pilot	07/29/15	5.45	1.9	0.50 U	4.7	3.5	10.1	1.8	NS	NS	12.4	2.7	1.7 I	NS
		10/21/15	5.34	0.10 U	0.50 U	0.50 U	0.50 U	NCD	1.1	NS	NS	1.0 U	1.0 U	1.0 U	NS
		01/13/16	5.58	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.58 I	NS	NS	1.0 U	1.0 U	1.0 U	NS
		04/29/19	5.87	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/18/19	4.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/05/20	5.28	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		06/08/23	5.83	0.30 U	0.35 I	7.5	2.1 U	7.9	1.2 U	NS	NS	2.9	7.9	16.9	NS

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line

K= Key Well

B= Base Line K= Key Well			See Notes at End of Table												
			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
IW-2	20-25 baseline	05/17/06	6.06	390	5.5	170	30	595.5	33	NS	NS	36	13	21	NS
		01/10/07	4.44	840	6.4 (I)	510	23.2	1379.6	68	NS	NS	110	43	81	7200
		04/09/09	4.18	3.16	1.76	2.58	1.15 I	8.65	4.26 I	NS	NS	5.87	4.59	0.598 I	259 I
		02/15/10	3.37	1.77	0.205 U	0.788 I	0.179	2.737	0.384 I	NS	NS	1.89	4.37	0.097 I	NS
		02/14/12	4.17	189	3.33	91.2	571	854.53	10.6	NS	NS	NS	NS	NS	NS
		03/28/13	4.97	1.5	0.71 I	11	0.50 U	13.21	0.50 U	NS	NS	NS	NS	NS	NS
		07/24/13	3.71	16.2	0.50 U	13.1	6.9	36.2	10.1	NS	NS	NS	NS	NS	NS
		01/02/14	14.75	8.6	0.51 I	6	4.2	19.31	26.1	NS	NS	NS	NS	NS	NS
		04/07/14	4.03	13.1	0.50 U	4.0	3.0	20.1	19.2	NS	NS	NS	NS	NS	NS
		07/17/14	3.23	15.1	0.50 U	2.9	0.61 I	18.61	25.4	NS	NS	NS	NS	NS	NS
		10/16/14	14.39	11.7	0.50 U	1.1	0.52 I	13.32	7.3	NS	NS	NS	NS	NS	NS
		01/20/15	3.15	6.6	0.50 U	0.69 I	0.50 U	7.29	0.62 I	NS	NS	NS	NS	NS	NS
		04/22/15	4.13	3.6	0.50 U	0.50 U	0.78 I	4.38	3.1	NS	NS	NS	NS	NS	NS
		07/29/15	4.35	8	0.50 U	0.50 U	0.50 U	8	1.8	NS	NS	NS	NS	NS	NS
		10/21/15	4.97	2.5	0.50 U	0.50 U	0.50 U	2.5	1.3	NS	NS	NS	NS	NS	NS
		01/13/16	4.51	0.74 I	0.50 U	0.50 U	0.50 U	0.74	0.53 I	NS	NS	NS	NS	NS	NS
06/08/23	4.47	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	2.1	0.31 I	0.093 I	730 U		
IW-3	20-25	01/11/07	5.95	150	3.6I	120	42.2	315.8	8.2I	NS	NS	80	9	13	NS
		04/09/09	5.33	0.29 I	0.21 U	0.215 I	0.55 U	0.505	0.20 U	NS	NS	0.223 I	0.115 I	0.0304 I	NS
					Well Abandoned										
IW-4	20-25	03/08/07	7.36	760	14	46	330	1150	59	NS	NS	260	40	65	NS
		12/19/08	6.88	585	2.01 I	22.2	11.5 I	620.71	63.7	NS	NS	197	50	85.8	NS
		02/15/10	6.04	164	0.205 U	3.24	7.19	174.43	2.4 I	NS	NS	149	66.4	104	NS
			Well Abandoned												
IW-5	20-25	03/08/07	7.04	0.32	0.22	0.1 U	0.16	0.70	0.31 U	NS	NS	0.14	0.032 U	0.098 U	NS
		04/09/09	6.17	3.72	0.21 U	1.77	20.8 I,J	26.29	0.20 U	NS	NS	NS	NS	NS	NS
					Well Abandoned										
IW-6	20-25	03/08/07	6.41	260	4.6	60	401	725.6	26	NS	NS	70	10	15	NS
		04/09/09	5.55	6.29	0.255 I	0.33 I	0.55 U	6.875	0.20 U	NS	NS	3.48	5.56	6.35	NS
		02/15/10	5.33	9.17	0.205 U	0.173 U	0.172	9.342	0.196 U	NS	NS	3.4	4.62	4.36	NS
			Well Abandoned												

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line

K= Key Well

B= Base Line K= Key Well			See Notes at End of Table												
			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
IW-7	20-25	12/19/08	3.99	51.3	1.12	1.83	4.48	58.7	6.47	NS	NS	414	78	138	NS
		02/15/10	3.17	470	3.75	9.22	9.15	492.1	20.6	NS	NS	305	60.7	95.4	NS
		02/14/12	3.81	2.31	0.4 U	3.85	0.83 I	7.0	0.4 U	NS	NS	223	64.2	106	NS
		03/28/13	4.87	9.1	0.50 U	7.6	0.61 I	17.3	2.5	NS	NS	42.4	33.7	20.8	NS
		07/24/13	3.21	91.7	4.0	24.9	95.5	216.1	4.7	NS	NS	124	40.1	31.7	NS
		01/02/14	4.13	198	10.7	49.6	250	508.3	5.6	NS	NS	79.1	25.9	23	NS
		04/07/14	3.78	162	8.6	52.2	230	452.8	1.3	NS	NS	86.7	31.7	30.4	NS
		07/17/14	2.70	122	4.8	34.7	199	360.5	1.3	NS	NS	52.6	18.5	15.4	NS
		10/16/14	7.61	192	6.3	44.6	238	480.9	2.4	NS	NS	9.5	4.9	1.4 I	NS
		01/20/15	2.98	160	4.3	38	126	328.3	0.50 U	NS	NS	37	9	6.1	NS
	Pre-Pilot Post-Pilot	04/22/15	2.95	112	3.0	21.9	66.2	203.1	6.1	NS	NS	56.2	7.1	3.2	NS
		07/29/15	3.91	104	1.6	16.8	62.1	184.5	4	NS	NS	1.0 U	1.0 U	1.0 U	NS
		10/21/15	3.92	94	2.5	22.6	172	291.1	3	NS	NS	41.8	9.9	7.7	NS
		01/13/16	4.06	62	0.70 I	10.2	65.2	138.1	1.3	NS	NS	19.3	6.4	5.9	NS
		12/08/16	4.39	4.24	0.14 U	0.59 I	7.26	12.1	0.18 U	NS	NS	NS	NS	NS	NS
		04/29/19	4.46	0.10 U	0.50 U	0.50 U	1.0 U	NCD	0.50 U	NS	NS	2.1	2.7	2.1	1900
		07/18/19	3.11	0.67 I	0.33 U	0.30 U	2.1 U	0.67	0.51 U	NS	NS	0.29 U	0.50 I	0.68 U	720 U
		02/05/20	3.85	0.30 U	0.33 U	0.30 U	2.1 U	NCD	0.51 U	NS	NS	0.95 I	1.7 I	0.91 I	NS
		06/08/23	4.40	0.30 U	0.35 I	0.30 U	2.1 U	0.35	1.2 U	NS	NS	0.52 I	0.20 I	0.16 I	NS
		02/26/24	3.36	NS	NS	NS	NS	NS	NS	NS	NS	0.37	0.090 I	0.039 U	NS
IW-8	20-25	12/19/08	6.10	181	7.07 I	18.4	54.9	261.4	61.8	NS	NS	151	1.05	1.15	NS
		02/16/10	5.38	392	0.205 U	5.38	20.9	418.3	20.1	NS	NS	207	8.41	8.25	NS
IW-9	20-25	12/19/08	5.85	493	4.58 I	29.1	41.9	568.6	49.9 I	NS	NS	244	33.8	52.5	NS
		02/16/10	5.23	286	0.205 U	7.57	24.4	318.0	5.57	NS	NS	246	31.3	40.7	NS
IW-10	20-25	12/19/08	5.49	6.96	0.21 U	2.41	6.56	15.9	0.20 U	NS	NS	2.49	4.48	5.27	NS
		04/09/09	5.15	1.01	0.21 U	0.283 I	0.55 U	1.293	0.20 U	NS	NS	1.67	4.78	5.68	NS
IW-11	20-25	12/19/08	5.63	0.17 U	0.21 U	0.17 U	0.55 U	NCD	0.20 U	NS	NS	0.285 I	0.0997 I	0.233 I	NS
		06/08/23	6.21	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	0.82 I	8.6	0.78 I	NS

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
IW-12	20-25	02/16/10	4.25	0.173 U	0.205 U	0.173 U	0.171 U	NCD	0.246 I	NS	NS	0.034 U	0.026 U	0.03 U	NS
Well Abandoned															
IW-13	20-25	02/16/10	4.92	0.173 U	0.206 I	0.173 U	0.171 U	0.206	0.406 I	NS	NS	0.143 I	0.045 I	0.073 I	NS
Well Abandoned															
IW-14	20-25	02/16/10	5.31	1040	16.1	24.8	394	1474.9	91	NS	NS	66.9	0.057 I	0.048 I	NS
		12/08/10	8.65	3440	2.3	20.9	143.3	3606.5	33.1	NS	NS	NS	NS	NS	NS
		Well Abandoned													
IW-15	20-25 baseline	02/15/10	4.49	0.62 I	0.205 U	0.18 I	0.906	1.706	9.21	NS	NS	0.492 I	0.026 U	0.03 U	NS
		03/28/13	6.15	0.10 U	0.50 U	0.50 U	0.50 U	NCD	3.2	NS	NS	NS	NS	NS	NS
		07/23/13	4.35	0.26 I	1.2	0.50 U	1.4	2.86	1.4	NS	NS	NS	NS	NS	NS
		01/02/14	5.05	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.77 I	NS	NS	NS	NS	NS	NS
		04/07/14	5.04	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		07/17/14	3.84	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		10/16/14	3.81	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		01/20/15	4.16	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		04/22/15	4.28	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		07/29/15	5.29	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.50 U	NS	NS	NS	NS	NS	NS
		10/21/15	5.15	0.10 U	0.50 U	0.50 U	0.50 U	NCD	0.71 I	NS	NS	NS	NS	NS	NS
		01/13/16	5.43	0.10U	0.50 U	0.50 U	0.50 U	NCD	0.71 I	NS	NS	NS	NS	NS	NS
IW-16	22-27	02/14/12	6.91	0.4 U	0.4 U	0.4 U	0.8 U	NCD	0.4 U	NS	NS	0.525	0.132	0.284	NS
		04/29/19	7.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		07/18/19	6.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		02/05/20	6.54	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		06/08/23	7.02	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	0.27 U	0.036 U	0.064 U	NS
IW-17	20-30 Pre-Pilot Post-Pilot	04/29/19	4.70	4.4	0.84 I	1.1	2.5 I	8.8	0.50 U	NS	NS	19.2	1.1 I	1.7 I	790 I
		07/18/19	3.64	0.40 I	0.33 U	0.30 U	2.1 U	0.40	0.51 U	NS	NS	9.4	0.66 I	0.92 I	710 U
		02/05/20	3.96	0.30 U	0.33 U	0.30 U	2.1 U	NCD	0.51 U	NS	NS	15.4	1.1 I	1.5 I	NS
		06/08/23	4.46	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	6.8	0.60 I	0.90 I	NS
		02/26/24	3.58	NS	NS	NS	NS	NS	NS	NS	NS	10	1.1	1.2	NS
IW-18	20-30 Pre-Pilot Post-Pilot	04/29/19	5.01	4.7	0.50 U	0.57 I	1.1 I	6.4	0.62 I	NS	NS	28.7	2.8	5.0	730 U
		07/18/19	3.88	3.5	0.33 U	0.33 I	2.1 U	3.8	0.51 U	NS	NS	19.4	2.4	4.1	710 U
		02/05/20	4.34	3.0	0.33 U	0.41 I	2.1 U	3.4	0.51 U	NS	NS	25	2.7	4.2	NS
		07/14/20	3.71	0.30 U	0.33 U	0.82 I	2.1 U	0.82	0.51 U	NS	NS	8.6	0.97 I	1.5 I	NS
		06/08/23	4.92	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	9.1	1.7 I	2.8	NS

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line

K= Key Well

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
IW-19	20-30 Pre-Pilot Post-Pilot														
		04/29/19	6.49	18.0	0.51 I	1.4	9.3	29.2	8.1	NS	NS	8.2	0.54 I	0.68 U	720 U
		07/18/19	5.56	0.33 I	0.33 U	0.37 I	2.1 U	0.70	0.51 U	NS	NS	10.2	0.74 I	0.86 I	710 U
		02/05/20	5.91	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	0.51 U	NS	NS	11.9	0.95 I	1.1 I	NS
		07/14/20	5.43	0.30 U	0.33 U	0.70 I	2.1 U	0.70	0.51 U	NS	NS	5.7	0.46 I	0.68 U	NS
		06/08/23	6.41	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	NS	NS	NS	NS
IW-20	20-30 Pre-Pilot Post-Pilot														
		04/29/19	7.36	11.5	0.50 U	2.4	1.4 I	15.3	9.7	NS	NS	52.8	5.5	8.1	740 U
		07/18/19	6.39	2.5	0.33 U	1.6	2.1 U	4.1	5.6	NS	NS	52.5	5.9	8.2	720 U
		02/05/20	6.76	2.7	0.33 U	0.48 I	2.1 U	3.2	1.9 I	NS	NS	53.6	5.9	8.3	NS
		07/14/20	6.25	6.5	0.33 U	0.75 I	2.1 U	7.3	2.4	NS	NS	26.3	3.5	4.9	NS
		06/08/23	7.23	0.46 I	0.33 U	0.30 U	2.1 U	0.46	1.2 U	NS	NS	17.0	1.5 I	2.3	NS
		02/26/24	6.43	0.71 U	0.72 U	0.69 U	1.3 U	NCD	0.60 U	NS	NS	15	1.9	2.1	NS
DW-1	45-50	04/06/05	7.56	1.0 U	1.0 U	1.0 U	3.0 U	NCD	1.0 U	NS	NS	5.0 U	5.0 U	5.0 U	500 U
		01/10/07	8.29	0.14 U	0.29 U	0.10 U	0.12 U	NCD	0.51 U	NS	NS	0.038 (I)	0.044 U	0.077 U	NS
DW-2	45-50	05/17/06	8.86	0.45 U	1.1	1.1	3.3	5.5	0.19 U	NS	NS	0.023 U	0.044 U	0.077 U	NS
		01/10/07	6.91	0.98 (I)	0.57 (I)	1.0	1.58 (I)	4.13	0.51 U	NS	NS	0.39 (I)	0.19 (I)	0.31 (I)	210 I
DW-3	45-50	03/08/07	9.59	1.5	2.1	0.93	5.32	9.85	0.79	NS	NS	0.94	0.23	0.33	NS
		12/19/08	8.69	1.01	0.308 I	0.177 I	1.31 I	2.805	1.37 I	NS	NS	0.615 I	0.109 I	0.154 I	NS
		12/18/10	11.22	0.173 U	0.205 U	0.173 U	0.171 U	NCD	0.665 I	NS	NS	NS	NS	NS	NS
		02/14/12	8.13	1.09	0.46 I	0.4 U	0.8 U	1.55	2.56	NS	NS	NS	NS	NS	NS
DW-4	45-50	02/15/10	8.22	1.22	0.205 U	0.173 U	0.176	1.396	0.196	NS	NS	0.083 I	0.081 I	0.089 I	NS
		12/18/10	11.43	3.91	0.486 I	0.173 U	0.439 I	0.925	6.88	NS	NS	NS	NS	NS	NS
					Well Gone - Paved Over										
DW-5	45-50	02/16/10	7.32	8.5	0.53 I	0.178 I	1.225	10.433	1.62 I	NS	NS	0.288 I	0.026 U	0.03 U	NS
		12/18/10	10.64	0.216 I	0.205 U	0.173 U	0.213	0.429	0.912	NS	NS	NS	NS	NS	NS
					Well Gone - Paved Over										
OW-1	2-12	12/08/16	5.16	0.16 U	0.14 U	2.43	0.2 U	NCD	0.18 U	NS	NS	NS	NS	NS	NS
		05/17/18	3.25	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.048 U	0.032 U	0.11 U	NS
		08/20/18	3.53	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.048 U	0.032 U	0.11 U	NS
		11/16/18	4.53	0.10 U	0.50 U	0.50 U	1.5 U	NCD	0.50 U	NS	NS	0.29 U	0.19 U	0.68 U	NS
		02/15/19	3.41	0.30 U	0.33 U	0.30 U	2.1 U	NCD	0.51 U	NS	NS	0.044 U	0.041 U	0.039 U	NS
A3 Horizontal Segment 20' horizontal at ~25' bls	Pre-Pilot Post-Pilot	04/29/19	NR	87.1	5.9	7.6	62.6	163	13.4	NS	NS	4.9 I	1.9 U	6.8 U	730 U
		07/18/19	NR	66.8	1.6	7.9	32.4	109	12.5	NS	NS	1.5 I	0.19 U	0.68 U	740 U
		02/05/20	NR	23.4	0.33 U	2.4	2.1 U	25.8	9.0	NS	NS	1.3 I	0.19 U	0.68 U	NS
		07/13/20	NR	9.8	0.33 U	0.73 I	2.1 U	10.5	8.1	NS	NS	0.73 I	0.19 U	0.68 U	NS

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
A6 Horizontal Segment 20' horizontal at ~25' bls	Pre-Pilot Post-Pilot	04/29/19	NR	182	2.4	6.8	76.1	267	22.1	NS	NS	2.9 U	1.9 U	6.8 U	730 U
		07/18/19	NR	47.5	0.33 U	1.1	2.3 I	50.9	12.3	NS	NS	0.29 U	0.19 U	0.68 U	720 U
		02/05/20	NR	39.0	0.33 U	1.1	2.1 U	40.1	6.6	NS	NS	0.58 I	0.19 U	0.68 U	NS
		07/13/20	NR	27.4	0.33 U	0.30 U	2.1 U	27.4	3.9	NS	NS	2.6	0.19 U	0.68 U	NS
A9 Horizontal Segment 20' horizontal at ~25' bls	Pre-Pilot Post-Pilot	04/29/19	NR	5.7	0.33 U	1.1	2.1 U	6.8	18.8	NS	NS	2.9 U	1.9 U	6.8 U	730 U
		07/18/19	NR	2.5	0.33 U	1.1	2.1 U	3.6	27.2	NS	NS	4.2	0.19 U	0.68 U	720 U
		02/05/20	NR	2.9	0.33 U	1.2	2.1 U	4.1	27.0	NS	NS	10.2	0.33 I	0.68 U	NS
		07/13/20	NR	1.1	0.33 U	1.1	2.1 U	2.2	22.2	NS	NS	13.2	0.41 I	0.68 U	NS
AS-5	20-25	12/08/16	5.24	3.4	0.14 U	0.19 U	1.23 I	4.63	0.18 U	NS	NS	NS	NS	NS	NS
AS-7	20-25	12/08/16	6.63	15.2	0.81 I	1.92	10.2	28.13	0.18 U	NS	NS	NS	NS	NS	NS
		04/29/19	5.93	22.7	0.50 U	3.7	15.7	42.1	2.4	NS	NS	1.4 I	0.19 U	0.68 U	1400
		07/18/19	5.54	23.7	0.33 U	4.1	17.7	45.5	2.2	NS	NS	2.0	0.19 U	0.68 U	700 U
		02/05/20	5.03	32.7	0.33 U	4.1	14.4	51.2	2.2	NS	NS	1.5 I	0.19 U	0.68 U	NS
		07/13/20	4.47	2.7	0.33 U	0.71 I	2.1 U	3.4	0.51 U	NS	NS	0.45 I	0.19 U	0.68 U	NS
MW-1R B1	5-10	12/15/16	5.00	0.067 I	1.31	167	2.83	171.207	0.18 U	NS	NS	146 V	70 V	123 V	NS
MW-1R B2	5-10	12/15/16	5.00	3.20 U *	2.80 U *	2430	4.00 U *	2430	3.60 U *	NS	NS	NS	NS	NS	NS
MW-1R B3	5-10	12/15/16	5.00	8.7 I	7.8 I	1860	2.00 U	1876.5	1.8 U	NS	NS	332 V	73.3 V	125 V	NS
MW-1R B4	5-10	12/15/16	5.00	0.16 U	2.06	18.7	0.83 I	21.59	0.18 U	NS	NS	NS	NS	NS	NS
OB-2 Intermediate	24-29	12/15/16	6.00	353	33.8	22.3	138	194.167	46.4	NS	NS	1.15 V	0.647 V	0.909 V	NS
OB-2 Deep	45-50	12/15/16	6.00	5.81	0.14 U	0.19 U	0.2 U	5.81	4.32	NS	NS	NS	NS	NS	NS
OB-3	23-28	12/16/16	4.00	216	6.02	14.7	59.4	296.12	69.6	NS	NS	NS	NS	NS	NS
OB-4	24-29	12/15/16	4.50	832	17.3	25.6	401	1275.9	12.2	NS	NS	NS	NS	NS	NS
OB-5	24-29	12/15/16	4.50	1250	290	179	305	2024	129	NS	NS	1.70 V	0.495 V	0.685 V	NS
IW-7 B1	20-25	12/16/16	3.50	21.1	0.14 U	5.53	19.9	46.53	2.35	NS	NS	12.4 V	4.10 V	5.32 V	NS
IW-7 B2	20-25	12/16/16	5.00	10.9	0.6 I	0.85 I	12.5	24.85	0.18 U	NS	NS	NS	NS	NS	NS
IW-7 B3	20-25	12/16/16	4.00	4.51	0.14 U	0.77 I	10.7	15.98	0.18 U	NS	NS	9.35 V	6.07 V	7.90 V	NS
IW-7 B4	20-25	12/16/16	4.00	10.5	0.14 U	0.99 I	50.4	61.89	0.71 I	NS	NS	NS	NS	NS	NS
DPT-1	21-25	02/03/20	--	0.10 U	0.50 U	0.64 I	1.0 U	0.64	1.0 I	NS	NS	11.3	14.0	9.0	NS
DPT-2	16-20	02/03/20	--	0.10 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	NS	NS	0.29 U	0.34 I	0.68 U	NS
DPT-3	21-25	02/03/20	--	28.0	0.50 U	3.7	6.1	37.8	3.2	NS	NS	113	18.5	26.7	NS
DPT-4	21-25	02/03/20	--	558	6.8	32.1	105	702	8.9	NS	NS	225	20.2	19.0	NS
DPT-5	21-25	02/03/20	--	0.51 I	0.50 U	0.88 I	1.0 U	1.4	10.1	NS	NS	30.3	1.3 I	1.4 I	NS
DPT-6	21-25	02/03/20	--	0.10 U	0.50 U	0.50 U	18.1	18.1	2.4	NS	NS	2.3	0.19 U	0.68 U	NS
DPT-7	16-20	02/03/20	--	0.10 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	NS	NS	0.29 U	0.19 U	0.68 U	NS

TABLE 2A: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

B= Base Line K= Key Well			NADC GCTLs	100 1	400 40	300 30	200 20	NA NA	200 20	2 0.02	150 15	140 14	280 28	280 28	50000 5000
Location	Screen Int.	Date	DTW	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total VOA	MTBE	EDB	Total Lead	Naptha- lene	Methyl nap, 1	Methyl nap, 2	TRPH
DPT-8	21-25	02/03/20	--	0.36 I	0.50 U	0.50 U	1.0 U	0.36	0.50 U	NS	NS	3.4	0.19 U	0.68 U	NS
DPT-9	16-20	02/03/20	--	0.10 U	0.50 U	0.50 U	1.8 I	1.8	0.50 U	NS	NS	2.2	0.19 U	0.68 U	NS
DPT-10	18-22	02/03/20	--	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	0.51 U	NS	NS	0.29 U	0.19 U	0.68 U	NS
DPT-11	16-20	02/03/20	--	0.30 U	0.33 U	0.65 I	2.1 U	0.65	0.51 U	NS	NS	2.9	0.19 U	0.68 U	NS
DPT-12	16-20	02/03/20	--	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	0.51 U	NS	NS	1.7 I	0.19 U	0.68 U	NS
DPT-13	18-22	02/03/20	--	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	0.51 U	NS	NS	0.29 U	0.19 U	0.68 U	NS
DPT-14	16-20	02/03/20	--	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	0.51 U	NS	NS	0.29 U	0.19 U	0.68 U	NS
DPT-15	18-22	02/03/20	--	0.30 U	0.33 U	0.30 U	2.1 U	2.1 U	0.51 U	NS	NS	0.29 U	0.19 U	0.68 U	NS
IW-21	20-25	07/14/20	3.41	58.4	0.88 I	12.5	67.4	139	0.51 U	NS	NS	63.6	1.7 I	0.68 U	NS
		06/08/23	4.41	2.3	0.33 U	1.6	7.3	11.2	1.2 U	NS	NS	104	13.4	4.0	NS
		02/26/24	3.54	0.71 U	0.72 U	0.69 U	1.3 U	NCD	0.60 U	NS	NS	95	13	4.7	NS
IW-22	20-25	07/14/20	3.78	2.9	0.33 U	0.74 I	13.4	17.0	0.97 I	NS	NS	1.7 I	0.19 U	0.68 U	NS
		06/08/23	4.79	14.4	1.3	6.0	83.7	105	3.0 I	NS	NS	76.7	4.3	3.0	NS
		02/26/24	3.89	0.71 U	0.72 U	0.69 U	6.9	6.9	0.60 U	NS	NS	1.7	0.062 I	0.039 U	NS
IW-23	20-25	07/14/20	3.97	32.3	3.1	9.5	306	351	3.5	NS	NS	24.1	0.29 I	0.68 U	NS
		06/08/23	4.87	2.3	0.50 I	2.7	61.7	67.2	1.2 U	NS	NS	41.0	3.2	3.3	NS
		02/26/24	4.03	0.71 U	0.72 U	1.0	40	41	0.60 U	NS	NS	22	0.64	0.33	NS
IW-24	20-25	07/14/20	3.14	0.30 U	0.33 U	0.30 U	2.1 U	NCD	0.51 U	NS	NS	0.29 U	0.19 U	0.68 U	NS
		06/08/23	4.43	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	2.0	0.95 I	1.6 I	NS
IW-25	20-25	07/14/20	3.69	0.30 U	0.33 U	0.30 U	6.2	6.2	0.51 U	NS	NS	0.29 U	0.19 U	0.68 U	NS
		06/08/23	4.75	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	3.2	0.075 I	0.090 I	NS
IW-26	20-25	07/14/20	5.05	1.5	0.33 U	0.57 I	2.1 U	2.1	0.51 U	NS	NS	0.29 U	0.19 U	0.68 U	NS
		06/08/23	5.83	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	0.27 U	0.036 U	0.064 U	NS
		02/26/24	5.16	0.71 U	0.72 U	0.69 U	1.3 U	NCD	0.60 U	NS	NS	NS	NS	NS	NS
IW-27	20-30	06/08/23	4.39	0.97 I	1.4	7.5	42.5	52.4	4.4 I	NS	NS	0.26 U	0.035 U	0.084 I	730 U
		02/26/24	3.31	5.9	0.72 U	3.0	24	32.9	1.5 I	NS	NS	0.56	0.032 U	0.039 U	NS
IW-28	20-30	06/08/23	3.75	0.35 I	0.33 U	0.30 U	2.1 U	0.35	12.5	NS	NS	0.26 U	0.035 U	0.061 U	730 U
IW-29	20-30	06/08/23	4.21	0.30 U	0.33 U	0.30 U	2.1 U	NCD	1.2 U	NS	NS	0.26 U	0.042 I	0.069 I	730 U

Notes:

Blue = Above GCTLs **Red** = Above NADCs

U = below laboratory detection limit

NCD = no compounds detected

J = Estimated Value

NR = not reported

I = The reported value is between the laboratory method detection limit and the practical quantitation limit

NS = Not Sampled

Blank/-- = No Data

Analytical Results = µg/l

V = Analyte equal to or above detection limit in method blank

* = Dilution 20

[illegible]

TABLE 2B: GROUNDWATER MONITORING WELL ANALYTICAL SUMMARY - PAHs

Facility Name: Tropical Chevron

Facility ID#: 64/8517300

See notes at end of table

Sample		Acen-aph-thene	Acen-aph-thylene	Anthra-cene	Benzo (g,h,i) pery-lene	Fluoran-thene	Fluor-ene	Phenan-threne	Pyrene	Benzo (a) pyrene	Benzo (a) anthra-cene	Benzo (b) fluoran-thene	Benzo (k) fluoran-thene	Chry-sene	Dibenz (a,h) anthra-cene	Indeno (1,2,3-cd) pyrene
Location	Date	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GCTLs		20	210	2,100	210	280	280	210	210	0.2**	0.05 ^a	0.05 ^a	0.5	4.8	0.005 ^a	0.05 ^a
NADCs		200	2,100	21,000	2,100	2,800	2,800	2,100	2,100	20	5	5	50	480	0.5	5
IW-24	6/8/2023	0.018 U	0.030 U	0.019 U	0.022 U	0.017 U	0.016 U	0.018 U	0.031 U	0.020 U	0.019 U	0.026 U	0.023 U	0.025 U	0.024 U	0.023 U
IW-25	6/8/2023	0.018 U	0.030 U	0.019 U	0.022 U	0.018 U	0.017 U	0.018 U	0.031 U	0.020 U	0.019 U	0.026 U	0.023 U	0.025 U	0.024 U	0.023 U
IW-26	6/8/2023	0.018 U	0.029 U	0.019 U	0.022 U	0.017 U	0.016 U	0.018 U	0.030 U	0.020 U	0.019 U	0.025 U	0.023 U	0.024 U	0.023 U	0.023 U
IW-27	6/8/2023	0.017 U	0.028 U	0.018 U	0.021 U	0.016 U	0.015 U	0.017 U	0.029 U	0.019 U	0.018 U	0.024 U	0.022 U	0.023 U	0.023 U	0.022 U
	2/26/2024	0.028 U	0.032 U	0.050 U	0.066 U	0.039 U	0.041 U	0.035 U	0.052 U	0.057 U	0.041 U	0.040 U	0.046 U	0.041 U	0.053 U	0.055 U
IW-28	6/8/2023	0.017 U	0.028 U	0.018 U	0.021 U	0.016 U	0.015 U	0.017 U	0.029 U	0.019 U	0.018 U	0.024 U	0.022 U	0.023 U	0.022 U	0.022 U
IW-29	6/8/2023	0.017 U	0.028 U	0.018 U	0.021 U	0.016 U	0.015 U	0.017 U	0.029 U	0.019 U	0.018 U	0.024 U	0.021 U	0.023 U	0.022 U	0.021 U

Notes:

Blue = Above GCTLs

Red = Above NADCs

NA = Not Available

NS = Not Sampled

GCTLs = Groundwater Cleanup Target Levels specified in Table I of Chapter 62-777, F.A.C.

NADCs = Natural Attenuation Default Source Concentrations specified in Table V of Chapter 62-777, F.A.C.

** = As provided in Chapter 62-550, F.A.C.

a = See the October 12, 2004 "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits" to determine how to evaluate data when the CTL is lower than the PQL.

Concentrations in bold are above FDEP Target Levels

APPENDIX A

**Field Notes
Groundwater Sampling Logs
Calibration Logs**

DAILY LOG

 Project Name Tropical Cherson

 Date 2.26.24

 FAC ID # 64/85/7300

 Page 1 of 1

 Location 2995 Hwy 44 New Smyrna B.

 Prepared by T. Byrne

 Scope of work GW sampling

 Weather Conditions 60

 Arrival Time 0700

 Departure Time 11.50

 PO/Task #: C31D53/Task 1

Time	Description of Activities
0430	Prepare for site, paperwork, calibration of meters.
0530	Driving light duty truck to site
0700	Arrive, check in, All wells will be sampled using Peristaltic pump, new tubing each well. MW-8 is abandoned
0710	Prage MW-1RR Sample @ 736
0750	" IW-7 " 0805
0820	" IW-17 " 0835
0850	" IW-26 " 0905
0920	" IW-20 " 0935
0950	" IW-21 " 1005
1020	" IW-22 " 1035
1055	" IW-23 " 1110
1130	" IW-27 " 1145
1150	Done sampling, check calibrations on meters then grab lunch
1430	Lab
1500	Home

located in the

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GROUNDWATER SAMPLING LOG

SITE NAME: Tropical Chevron		SITE LOCATION: 2995 Hwy 44 New Smyrna Bc Fl	
WELL NO: MW-1A	SAMPLE ID: MW-1A	DATE: 2-26-24	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: : <u>2</u> feet to <u>12</u> feet	STATIC DEPTH TO WATER (feet): <u>4.30</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
= (<u>12</u> feet - <u>4.30</u> feet) X <u>0.16</u> gallons/foot = <u>1.232</u> gallons				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)					
=	gallons + (	gallons/foot X	feet) +	gallons =	gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 6.25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 6.25	PURGING INITIATED AT: 0715	PURGING ENDED AT: 0731	TOTAL VOLUME PURGED (gallons): 4.20
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>T. BYRNES</i>	SAMPLER(S) SIGNATURE(S): <i>T. B.</i>	SAMPLING INITIATED AT: <i>0732</i>	SAMPLING ENDED AT: <i>0736</i>
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PUMP OR TUBING DEPTH IN WELL (feet):	6.25	TUBING MATERIAL CODE:	HOPE	FIELD-FILTERED: Y <u>(N)</u>	FILTER SIZE: _____ μm
Filtration Equipment Type:					

FIELD DECONTAMINATION:	PUMP	Y	<u>N</u>	TUBING	Y	<u>N</u> (replaced)	DUPLICATE:	Y	<u>N</u>
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[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings < 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: Groundwater Sampling Log

Revision Date: March 1, 2014

Earth Systems

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8517300

GROUNDWATER SAMPLING LOG

SITE NAME: Tropical Chevron		SITE LOCATION: 2995 Hwy 44 New Smyrna Bc FL	
WELL NO: EW-7	SAMPLE ID: EW-7	DATE: 2-26-24	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: : <u>20</u> feet to <u>25</u> feet	STATIC DEPTH TO WATER (feet): <u>3.36</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
= (feet - feet) X gallons/foot = gallons				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME ÷ (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

$$= 0 \text{ gallons} + (.0026 \text{ gallons/foot} \times 30 \text{ feet}) + .25 \text{ gallons} = .32 \text{ gallons}$$
[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									
PIRGING EQUIPMENT CODES: B = Battery; PP = Pump; P = Pig; S = Solenoid; T = Trip; V = Valve; W = Wellhead									

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:		
T. BYRNES				T. B.			8803		8805		
PUMP OR TUBING DEPTH IN WELL (feet): 23				TUBING MATERIAL CODE: HOPE			FIELD-FILTERED: Y (N)		FILTER SIZE: _____ μm		
FIELD DECONTAMINATION: PUMP Y (N)				TUBING Y (N) (Replaced)			DUPLICATE: Y (N)				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
	2	AG	60mL				FAH's		APP		
	3	CG	40mL				BTX		APP		
REMARKS:											

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: Groundwater Sampling Log

Revision Date: March 1, 2014

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GROUNDWATER SAMPLING LOG

SITE NAME: Tropical Chevron		SITE LOCATION: 2995 Hwy 44 New Smyrna Bc Fl	
WELL NO. IW-17		SAMPLE ID: IW-17	
		DATE: 2-26-24	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: : <u>20</u> feet to <u>30</u> feet	STATIC DEPTH TO WATER (feet): <u>3.58</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
(only fill out if applicable)				
= (feet - feet) X gallons/foot = gallons				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
 (only fill out if applicable)

= gallons + (.0026 gallons/foot X 35 feet) + .25 gallons = .34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	25	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	25	PURGING INITIATED AT: 0820	PURGING ENDED AT: 0822	TOTAL VOLUME PURGED (gallons):	1.20
--	----	--	----	----------------------------	------------------------	--------------------------------	------

[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									
PUMPING EQUIPMENT CODES									

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: T. Byrnes		SAMPLER(S) SIGNATURE(S): T. Byrnes		SAMPLING INITIATED AT: 8833	SAMPLING ENDED AT: 0835
PUMP OR TUBING DEPTH IN WELL (feet): 25		TUBING MATERIAL CODE: HOPE	FIELD-FILTERED: Y (N)	FILTER SIZE: _____ µm	
FIELD DECONTAMINATION: PUMP Y (N)		TUBING Y (N) (replaced)	DUPLICATE: Y (N)		

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	2	AG	60mL				PAH's	APP	< 400mL
	3	CG	40mL				BTX	APP	< 400mL
REMARKS:									

REMARKS-

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

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GROUNDWATER SAMPLING LOG

SITE NAME: Tropical Chevron		SITE LOCATION: 2995 Hwy 44 New Smyrna Bc Fl	
WELL NO: IW. 26	SAMPLE ID: IW. 26	DATE: 2-26-24	

PURGING DATA

FORGING DATA				
WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: : <u>18</u> feet to <u>28</u> feet	STATIC DEPTH TO WATER (feet): <u>5.16</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
(only fill out if applicable)				
= (feet - feet) X gallons/foot = gallons				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= 0 gallons + (.0026 gallons/foot X 35 feet) + .25 gallons = .34 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	25	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	25	PURGING INITIATED AT:	6850	PURGING ENDED AT:	0902	TOTAL VOLUME PURGED (gallons):	1.20
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

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8517300

GROUNDWATER SAMPLING LOG

SITE NAME: <u>Tropical Chevron</u>		SITE LOCATION: <u>2995 HWY 44 New Smyrna Bc FL</u>	
WELL NO: <u>FW-20</u>	SAMPLE ID: <u>FW-20</u>	DATE: <u>2-26-24</u>	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: <u>20</u> feet to <u>30</u> feet	STATIC DEPTH TO WATER (feet): <u>6.43</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>								
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (feet - feet) X gallons/foot = gallons												
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X <u>35</u> feet) + <u>.25</u> gallons = <u>.34</u> gallons												
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): <u>25</u>	FINAL PUMP OR TUBING DEPTH IN WELL (feet): <u>25</u>	PURGING INITIATED AT: <u>0920</u>	PURGING ENDED AT: <u>0932</u>	TOTAL VOLUME PURGED (gallons): <u>1.20</u>								
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (µS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)	ORP (mV)
<u>0920</u>				<u>6.43</u>								
<u>0924</u>	<u>.40</u>	<u>.40</u>	<u>.10</u>	<u>7.01</u>	<u>4.90</u>	<u>23.5</u>	<u>228</u>	<u>.22</u>	<u>3.96</u>	<u>clear</u>	<u>no</u>	
<u>0928</u>	<u>.60</u>	<u>.80</u>	<u>.10</u>	<u>7.01</u>	<u>4.87</u>	<u>23.5</u>	<u>220</u>	<u>.20</u>	<u>3.90</u>			
<u>0932</u>	<u>.60</u>	<u>1.20</u>	<u>.10</u>	<u>7.02</u>	<u>4.85</u>	<u>23.5</u>	<u>217</u>	<u>.18</u>	<u>3.88</u>			
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)												

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <u>T. BYRNES</u>		SAMPLER(S) SIGNATURE(S): <u>T.B.</u>		SAMPLING INITIATED AT: <u>0932</u>	SAMPLING ENDED AT: <u>0935</u>				
PUMP OR TUBING DEPTH IN WELL (feet): <u>25</u>		TUBING MATERIAL CODE: <u>HOPE</u>	FIELD-FILTERED: Y <u>(N)</u>	FILTER SIZE: _____ µm					
FIELD DECONTAMINATION: PUMP Y <u>(N)</u>		TUBING Y <u>(N)</u> (replaced)	DUPLICATE: Y <u>(N)</u>						
SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION						
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
	<u>2</u>	<u>AG</u>	<u>60mL</u>				<u>PAH's</u>	<u>APP</u>	<u>< 400 mL</u>
	<u>3</u>	<u>CG</u>	<u>40mL</u>				<u>BT2X</u>	<u>APP</u>	<u>< 400 mL</u>
REMARKS:									
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)									
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)									

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)
pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: ± 5% Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or ± 10% (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or ± 10% (whichever is greater)

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GROUNDWATER SAMPLING LOG

SITE NAME: Tropical Chevron		SITE LOCATION: 2995 Hwy 44 New Smyrna Bc Fl	
WELL NO: TW. 21	SAMPLE ID: TW. 21	DATE: 2-26-24	

PURGING DATA

PUMPING DATA				
WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: : <u>14</u> feet to <u>24</u> feet	STATIC DEPTH TO WATER (feet): <u>3.54</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: <u>1</u> WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
(only fill out if applicable)				
= (feet - feet) X gallons/foot = gallons				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= gallons + (.0026 gallons/foot X 25 feet) + .25 gallons = .31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	20	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	20	PURGING INITIATED AT:	0950	PURGING ENDED AT:	1002	TOTAL VOLUME PURGED (gallons):	1.20
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.08; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88									
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016									

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information needed to change the sampling equipment.

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

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GROUNDWATER SAMPLING LOG

SITE NAME: Tropical Chevron		SITE LOCATION: 2995 Hwy 44 New Smyrna Bc Fl	
WELL NO: TW-22	SAMPLE ID: TW-22	DATE: 2-26-24	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1 1/4</u>	WELL SCREEN INTERVAL DEPTH: : <u>14</u> feet to <u>24</u> feet	STATIC DEPTH TO WATER (feet): <u>3.89</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
(only fill out if applicable)				
= (feet - feet) X gallons/foot = gallons				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= 0 gallons + (.0026 gallons/foot X 25 feet) + .25 gallons = .31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	20	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	20	PURGING INITIATED AT:	1031	PURGING ENDED AT:	1032	TOTAL VOLUME PURGED (gallons):	1.20
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>T. BYRNES</i>		SAMPLER(S) SIGNATURE(S): <i>T. B.</i>		SAMPLING INITIATED AT: <i>1033</i>	SAMPLING ENDED AT: <i>1035</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>20</i>		TUBING MATERIAL CODE: <i>HOPE</i>	FIELD-FILTERED: Y ☒ (N)	FILTER SIZE: _____ µm	
FIELD DECONTAMINATION:	PUMP Y ☒ (N)	TUBING Y ☒ (Replaced)	DUPLICATE: Y ☒ (N)		

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

DEP Form FD 9000-24: Groundwater Sampling Log

Revision Date: March 1, 2014

Earth Systems

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GROUNDWATER SAMPLING LOG

SITE NAME: Tropical Chevron		SITE LOCATION: 2995 Hwy 44 New Smyrna Bc FL	
WELL NO: IW-23	SAMPLE ID: IW-23	DATE: 2-26-24	

PURGING DATA

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: : <u>16</u> feet to <u>26</u> feet	STATIC DEPTH TO WATER (feet): <u>4.03</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY				
(only fill out if applicable)				
= (feet - feet) X gallons/foot = gallons				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= 0 gallons + (.0026 gallons/foot X 25 feet) + .25 gallons = .31 gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 21	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 21	PURGING INITIATED AT: 1055	PURGING ENDED AT: 1107	TOTAL VOLUME PURGED (gallons): 1.20
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[illegible]

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0006;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>T. BYRNES</i>		SAMPLER(S) SIGNATURE(S): <i>T. B.</i>		SAMPLING INITIATED AT: <i>1108</i>	SAMPLING ENDED AT: <i>1110</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>21</i>		TUBING MATERIAL CODE: <i>HOPE</i>	FIELD-FILTERED: Y <i>(N)</i>	FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION:	PUMP Y <i>(N)</i>	TUBING Y <i>(N)</i> <i>(replaced)</i>	DUPLICATE:	Y <i>(N)</i>	

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	2	AG	60 mL				FAH's	APP	< 400 mL
	3	CG	40 mL				BT2x	APP	< 400 mL
REMARKS									

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

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8517300

SITE NAME: Tropical Chevron		SITE LOCATION: 2995 Hwy 44 New Smyrna Bc Fl	
WELL NO: IW-27	SAMPLE ID: IW-27	DATE: 3-26-24	

WELL DIAMETER (inches): <u>2</u>	TUBING DIAMETER (inches): <u>1/4</u>	WELL SCREEN INTERVAL DEPTH: <u>20</u> feet to <u>30</u> feet	STATIC DEPTH TO WATER (feet): <u>3.31</u>	PURGE PUMP TYPE OR BAILER: <u>PP</u>
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)				
$= (\quad \text{feet} - \quad \text{feet}) \times \quad \text{gallons/foot} = \quad \text{gallons}$				

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

$$= 0 \text{ gallons} + (.0026 \text{ gallons/foot} \times 30 \text{ feet}) + .25 \text{ gallons} = .34 \text{ gallons}$$

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 25	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25	PURGING INITIATED AT: 1130	PURGING ENDED AT: 1142	TOTAL VOLUME PURGED (gallons): 1.2
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[illegible]

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer, BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: <i>T. BYRNES</i>		SAMPLER(S) SIGNATURE(S): <i>T.B.</i>		SAMPLING INITIATED AT: <i>1143</i>	SAMPLING ENDED AT: <i>1145</i>
PUMP OR TUBING DEPTH IN WELL (feet): <i>25</i>		TUBING MATERIAL CODE: <i>HOPE</i>	FIELD-FILTERED: Y <i>(N)</i>	FILTER SIZE: _____ μ m	
FIELD DECONTAMINATION: PUMP Y <i>(N)</i>		TUBING Y <i>(N)</i> <i>(replaced)</i>		DUPLICATE: Y <i>(N)</i>	

[illegible]

REMARKS:

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: ± 0.2 units Temperature: ± 0.2 °C Specific Conductance: $\pm 5\%$ Dissolved Oxygen: all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, ± 0.2 mg/L or $\pm 10\%$ (whichever is greater) Turbidity: all readings ≤ 20 NTU; optionally ± 5 NTU or $\pm 10\%$ (whichever is greater)

FIELD INSTRUMENT CALIBRATION RECORDS - EXAMPLE CALIBRATION LOG - PRP

Project Site/FacID: Tropical Chevron # 04/8517300

Calibrated by (Print)/Affiliation: T. Byrnes ESE

Boldly "X" this box if there is qualified data on this page.

TURBIDITY (REFERENCE: DEP SOP FT 1600)

Meter/Instrument Name and Unique ID: WE 20/20 791-1111

Std=0.1-10 NTU +/-10%

Std=11-40 NTU +/-8%

Std=41-100 NTU +/-6.5%

Std>100 NTU +/-5%

Initials	Date	Time	Standard (NTU)	Exp. Date	Lot #	Response (NTU)	Deviation (%)	Pass or Fail
CAL ICV CCV <u>TB</u>	<u>2-26-24</u>	<u>0431</u>	<u>0</u>	<u>3-24</u>	<u>C796639</u>	<u>0</u>		<u>(P)</u> F
CAL ICV CCV <u>"</u>	<u>"</u>	<u>"</u>	<u>10</u>	<u>3-24</u>	<u>C796782</u>	<u>10</u>		<u>(P)</u> F
CAL ICV CCV <u>TB</u>	<u>"</u>	<u>1200</u>	<u>0</u>	<u>3-24</u>	<u>C796639</u>	<u>0.02</u>	<u>.02</u>	<u>(P)</u> F
CAL ICV CCV <u>"</u>	<u>"</u>	<u>"</u>	<u>10</u>	<u>3-24</u>	<u>C796782</u>	<u>10.03</u>	<u>.03</u>	<u>(P)</u> F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F

pH (REFERENCE: DEP SOP FT 1100)

Acceptance Criteria +/-0.2 SU

Meter/Instrument Name and Unique ID: YSE 556-A 102405

Initials	Date	Time	Standard (SU)	Exp. Date	Lot #	Response (SU)	Deviation (SU)	Pass or Fail
CAL ICV CCV <u>TB</u>	<u>2-26-24</u>	<u>0430</u>	<u>7.0</u>	<u>3-24</u>	<u>105-E</u>	<u>7.1</u>		<u>(P)</u> F
CAL ICV CCV <u>"</u>	<u>"</u>	<u>"</u>	<u>4.01</u>	<u>3-24</u>	<u>104-E</u>	<u>4.01</u>		<u>(P)</u> F
CAL ICV CCV <u>"</u>	<u>"</u>	<u>"</u>	<u>10.0</u>	<u>3-24</u>	<u>106-E</u>	<u>10.0</u>		<u>(P)</u> F
CAL ICV CCV <u>TB</u>	<u>"</u>	<u>1200</u>	<u>7.0</u>	<u>3-24</u>	<u>105-E</u>	<u>6.98</u>	<u>.02</u>	<u>(P)</u> F
CAL ICV CCV <u>"</u>	<u>"</u>	<u>"</u>	<u>4.01</u>	<u>3-24</u>	<u>104-E</u>	<u>3.98</u>	<u>.03</u>	<u>(P)</u> F
CAL ICV CCV <u>"</u>	<u>"</u>	<u>"</u>	<u>10.0</u>	<u>3-24</u>	<u>106-E</u>	<u>9.97</u>	<u>.03</u>	<u>(P)</u> F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F
CAL ICV CCV								P F

Perform ICVs and CCVs only in "READ/RUN" mode.

CAL - Calibration; ICV - Initial Calibration Verification; and, CCV - Continuing Calibration Verification.

FIELD INSTRUMENT CALIBRATION RECORDS - EXAMPLE CALIBRATION LOG - PRP

Project Site/FacID: Tropical Chumpon # 44/9517300

Calibrated by (Print)/Affiliation: T. Barnes ESI

Boldly "X" this box if there is qualified data on this page.

Temperature (Quarterly)

Date of Last Temp Verification:

See log book:

DISSOLVED OXYGEN (DO) (REFERENCE: DEP SOP FT 1500)

Acceptance Criteria ± 0.3 mg DO/L

Meter/Instrument Name and Unique ID: YSI 556 A

Initials	Date	Time	Standard (DO %)	Temp °C	Saturation mg/L (100%)	Response DO (%)	Deviation mg DO/L	Deviation mg DO/L	Pass or Fail
AL ICV CCV TB	2-21-24	0430	100%			100			(P) F
AL ICV CCV TB	"	1200	100%			102		2	(P) F
AL ICV CCV			100%						P F
AL ICV CCV			100%						P F
AL ICV CCV			100%						P F
AL ICV CCV			100%						P F
AL ICV CCV			100%						P F

See Table FT 1500-1 and/or Table FS 2200-2 for Dissolved Oxygen Saturation corresponding to Temperature.

SPECIFIC CONDUCTANCE (REFERENCE: DEP SOP FT 1200)

Acceptance Criteria $\pm 5\%$ the standard

Meter/Instrument Name and Unique ID: YSI 556 A

Initials	Date	Time	Standard (μ mho/cm)	Exp. Date	Lot #	Response	Deviation (%)	Pass or Fail
AL ICV CCV TB	2-26-24	0430	1000	3-24	117-1000-E	1000		(P) F
AL ICV CCV TB	"	1200	1000	3-24	117-1000-E	996	4	(P) F
AL ICV CCV								P F
AL ICV CCV								P F
AL ICV CCV								P F
AL ICV CCV								P F
AL ICV CCV								P F
AL ICV CCV								P F
AL ICV CCV								P F

OXIDATION-REDUCTION POTENTIAL (ORP)

Acceptance Criteria ± 10 mV

REFERENCE: EPA Region 4, Operating Procedure, Field Measurement of Oxidation-Reduction Potential (ORP)

Meter/Instrument Name and Unique ID: YSI 556 A

Initials	Date	Time	Standard (mV)	Exp. Date	Lot #	Response (mV)	Response (mV)	Pass or Fail
AL ICV CCV			231					P F
AL ICV CCV			231					P F
AL ICV CCV								P F
AL ICV CCV								P F
AL ICV CCV								P F
AL ICV CCV								P F
AL ICV CCV								P F

form ICVs and CCVs only in "READ/RUN" mode.

- Calibration; ICV - Initial Calibration Verification; and, CCV - Continuing Calibration Verification.

APPENDIX B

Laboratory Analytical Report Chain of Custody

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Luke Russell
Earth Systems, Inc.
223 N. 12th Avenue North
Jacksonville Beach, Florida 32250

Generated 3/1/2024 9:58:17 AM

JOB DESCRIPTION

Tropical Chevron
2995 Hwy 44 New Smyrna FL

JOB NUMBER

670-35534-1

Eurofins Orlando

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
Ryya Kumm, Project Manager
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(407)339-5984

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Definitions/Glossary

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U	Indicates that the compound was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Earth Systems, Inc.
Project: Tropical Chevron

Job ID: 670-35534-1

Job ID: 670-35534-1

Eurofins Orlando

Job Narrative 670-35534-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/27/2024 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-26

Lab Sample ID: 670-35534-1

No Detections.

Client Sample ID: MW-1RR

Lab Sample ID: 670-35534-2

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1-Methylnaphthalene	15		0.18	0.032	ug/L			1	8270E SIM	Total/NA
2-Methylnaphthalene	19		0.18	0.039	ug/L			1	8270E SIM	Total/NA
Acenaphthene	0.36		0.18	0.028	ug/L			1	8270E SIM	Total/NA
Acenaphthylene	0.12	I	0.18	0.032	ug/L			1	8270E SIM	Total/NA
Fluorene	0.11	I	0.18	0.041	ug/L			1	8270E SIM	Total/NA
Naphthalene	7.3		0.18	0.027	ug/L			1	8270E SIM	Total/NA
Phenanthrene	0.042	I	0.18	0.035	ug/L			1	8270E SIM	Total/NA

Client Sample ID: IW-7

Lab Sample ID: 670-35534-3

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1-Methylnaphthalene	0.090	I	0.18	0.032	ug/L			1	8270E SIM	Total/NA
Acenaphthene	0.039	I	0.18	0.028	ug/L			1	8270E SIM	Total/NA
Benzo[a]anthracene	0.16	I	0.18	0.041	ug/L			1	8270E SIM	Total/NA
Benzo[a]pyrene	0.18		0.18	0.057	ug/L			1	8270E SIM	Total/NA
Benzo[b]fluoranthene	0.56		0.10	0.040	ug/L			1	8270E SIM	Total/NA
Benzo[g,h,i]perylene	0.39		0.18	0.066	ug/L			1	8270E SIM	Total/NA
Benzo[k]fluoranthene	0.41		0.18	0.046	ug/L			1	8270E SIM	Total/NA
Chrysene	0.50		0.18	0.041	ug/L			1	8270E SIM	Total/NA
Fluoranthene	0.91		0.18	0.039	ug/L			1	8270E SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.27		0.18	0.055	ug/L			1	8270E SIM	Total/NA
Naphthalene	0.37		0.18	0.027	ug/L			1	8270E SIM	Total/NA
Phenanthrene	0.17	I	0.18	0.035	ug/L			1	8270E SIM	Total/NA
Pyrene	0.73		0.18	0.052	ug/L			1	8270E SIM	Total/NA

Client Sample ID: IW-17

Lab Sample ID: 670-35534-4

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1-Methylnaphthalene	1.1		0.18	0.032	ug/L			1	8270E SIM	Total/NA
2-Methylnaphthalene	1.2		0.18	0.039	ug/L			1	8270E SIM	Total/NA
Naphthalene	10		0.18	0.027	ug/L			1	8270E SIM	Total/NA

Client Sample ID: IW-20

Lab Sample ID: 670-35534-5

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
1-Methylnaphthalene	1.9		0.18	0.032	ug/L			1	8270E SIM	Total/NA
2-Methylnaphthalene	2.1		0.18	0.039	ug/L			1	8270E SIM	Total/NA
Naphthalene	15		0.18	0.027	ug/L			1	8270E SIM	Total/NA

Client Sample ID: IW-21

Lab Sample ID: 670-35534-6

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil	Fac	D	Method	Prep Type
o-Xylene	0.55	I	1.0	0.53	ug/L			1	8260D	Total/NA
1-Methylnaphthalene	13		0.18	0.032	ug/L			1	8270E SIM	Total/NA
2-Methylnaphthalene	4.7		0.18	0.039	ug/L			1	8270E SIM	Total/NA
Acenaphthene	0.033	I	0.18	0.028	ug/L			1	8270E SIM	Total/NA
Naphthalene	95		0.18	0.027	ug/L			1	8270E SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Orlando

Detection Summary

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-22

Lab Sample ID: 670-35534-7

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	6.9		2.0	1.3	ug/L	1		8260D	Total/NA
m,p-Xylenes	5.1		2.0	1.3	ug/L	1		8260D	Total/NA
o-Xylene	1.8		1.0	0.53	ug/L	1		8260D	Total/NA
1-Methylnaphthalene	0.062	I	0.18	0.032	ug/L	1		8270E SIM	Total/NA
Naphthalene	1.7		0.18	0.027	ug/L	1		8270E SIM	Total/NA

Client Sample ID: IW-23

Lab Sample ID: 670-35534-8

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	1.0		1.0	0.69	ug/L	1		8260D	Total/NA
Xylenes, Total	40		2.0	1.3	ug/L	1		8260D	Total/NA
m,p-Xylenes	29		2.0	1.3	ug/L	1		8260D	Total/NA
o-Xylene	11		1.0	0.53	ug/L	1		8260D	Total/NA
1-Methylnaphthalene	0.64		0.18	0.032	ug/L	1		8270E SIM	Total/NA
2-Methylnaphthalene	0.33		0.18	0.039	ug/L	1		8270E SIM	Total/NA
Naphthalene	22		0.18	0.027	ug/L	1		8270E SIM	Total/NA

Client Sample ID: IW-27

Lab Sample ID: 670-35534-9

Analyte	Result	Qualifier	PQL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.9		1.0	0.71	ug/L	1		8260D	Total/NA
Ethylbenzene	3.0		1.0	0.69	ug/L	1		8260D	Total/NA
Xylenes, Total	24		2.0	1.3	ug/L	1		8260D	Total/NA
m,p-Xylenes	20		2.0	1.3	ug/L	1		8260D	Total/NA
o-Xylene	4.4		1.0	0.53	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	1.5	I	2.0	0.60	ug/L	1		8260D	Total/NA
Naphthalene	0.56		0.18	0.027	ug/L	1		8270E SIM	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-26

Lab Sample ID: 670-35534-1

Date Collected: 02/26/24 09:05

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.71	U	1.0	0.71	ug/L			02/29/24 16:58	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			02/29/24 16:58	1
Toluene	0.72	U	1.0	0.72	ug/L			02/29/24 16:58	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			02/29/24 16:58	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			02/29/24 16:58	1
o-Xylene	0.53	U	1.0	0.53	ug/L			02/29/24 16:58	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			02/29/24 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		40 - 146		02/29/24 16:58	1
4-Bromofluorobenzene (Surr)	102		41 - 142		02/29/24 16:58	1
Dibromofluoromethane (Surr)	96		53 - 146		02/29/24 16:58	1

Client Sample ID: MW-1RR

Lab Sample ID: 670-35534-2

Date Collected: 02/26/24 07:36

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	15		0.18	0.032	ug/L		02/27/24 14:41	02/27/24 18:50	1
2-Methylnaphthalene	19		0.18	0.039	ug/L		02/27/24 14:41	02/27/24 18:50	1
Acenaphthene	0.36		0.18	0.028	ug/L		02/27/24 14:41	02/27/24 18:50	1
Acenaphthylene	0.12	I	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 18:50	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 14:41	02/27/24 18:50	1
Benzo[a]anthracene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 18:50	1
Benzo[a]pyrene	0.057	U	0.18	0.057	ug/L		02/27/24 14:41	02/27/24 18:50	1
Benzo[b]fluoranthene	0.040	U	0.10	0.040	ug/L		02/27/24 14:41	02/27/24 18:50	1
Benzo[g,h,i]perylene	0.066	U	0.18	0.066	ug/L		02/27/24 14:41	02/27/24 18:50	1
Benzo[k]fluoranthene	0.046	U	0.18	0.046	ug/L		02/27/24 14:41	02/27/24 18:50	1
Chrysene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 18:50	1
Dibenz[a,h]anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 14:41	02/27/24 18:50	1
Fluoranthene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 18:50	1
Fluorene	0.11	I	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 18:50	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.18	0.055	ug/L		02/27/24 14:41	02/27/24 18:50	1
Naphthalene	7.3		0.18	0.027	ug/L		02/27/24 14:41	02/27/24 18:50	1
Phenanthrene	0.042	I	0.18	0.035	ug/L		02/27/24 14:41	02/27/24 18:50	1
Pyrene	0.052	U	0.18	0.052	ug/L		02/27/24 14:41	02/27/24 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	110		42 - 157	02/27/24 14:41	02/27/24 18:50	1
Fluoranthene-d10 (Surr)	93		37 - 152	02/27/24 14:41	02/27/24 18:50	1

Client Sample ID: IW-7

Lab Sample ID: 670-35534-3

Date Collected: 02/26/24 08:05

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.090	I	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 19:08	1
2-Methylnaphthalene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 19:08	1
Acenaphthene	0.039	I	0.18	0.028	ug/L		02/27/24 14:41	02/27/24 19:08	1

Eurofins Orlando

Client Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-7

Lab Sample ID: 670-35534-3

Date Collected: 02/26/24 08:05

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.032	U	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 19:08	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 14:41	02/27/24 19:08	1
Benzo[a]anthracene	0.16	I	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:08	1
Benzo[a]pyrene	0.18		0.18	0.057	ug/L		02/27/24 14:41	02/27/24 19:08	1
Benzo[b]fluoranthene	0.56		0.10	0.040	ug/L		02/27/24 14:41	02/27/24 19:08	1
Benzo[g,h,i]perylene	0.39		0.18	0.066	ug/L		02/27/24 14:41	02/27/24 19:08	1
Benzo[k]fluoranthene	0.41		0.18	0.046	ug/L		02/27/24 14:41	02/27/24 19:08	1
Chrysene	0.50		0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:08	1
Dibenz(a,h)anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 14:41	02/27/24 19:08	1
Fluoranthene	0.91		0.18	0.039	ug/L		02/27/24 14:41	02/27/24 19:08	1
Fluorene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:08	1
Indeno[1,2,3-cd]pyrene	0.27		0.18	0.055	ug/L		02/27/24 14:41	02/27/24 19:08	1
Naphthalene	0.37		0.18	0.027	ug/L		02/27/24 14:41	02/27/24 19:08	1
Phenanthrene	0.17	I	0.18	0.035	ug/L		02/27/24 14:41	02/27/24 19:08	1
Pyrene	0.73		0.18	0.052	ug/L		02/27/24 14:41	02/27/24 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	119		42 - 157				02/27/24 14:41	02/27/24 19:08	1
Fluoranthene-d10 (Surr)	148		37 - 152				02/27/24 14:41	02/27/24 19:08	1

Client Sample ID: IW-17

Lab Sample ID: 670-35534-4

Date Collected: 02/26/24 08:35

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	1.1		0.18	0.032	ug/L		02/27/24 14:41	02/27/24 19:27	1
2-Methylnaphthalene	1.2		0.18	0.039	ug/L		02/27/24 14:41	02/27/24 19:27	1
Acenaphthene	0.028	U	0.18	0.028	ug/L		02/27/24 14:41	02/27/24 19:27	1
Acenaphthylene	0.032	U	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 19:27	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 14:41	02/27/24 19:27	1
Benzo[a]anthracene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:27	1
Benzo[a]pyrene	0.057	U	0.18	0.057	ug/L		02/27/24 14:41	02/27/24 19:27	1
Benzo[b]fluoranthene	0.040	U	0.10	0.040	ug/L		02/27/24 14:41	02/27/24 19:27	1
Benzo[g,h,i]perylene	0.066	U	0.18	0.066	ug/L		02/27/24 14:41	02/27/24 19:27	1
Benzo[k]fluoranthene	0.046	U	0.18	0.046	ug/L		02/27/24 14:41	02/27/24 19:27	1
Chrysene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:27	1
Dibenz(a,h)anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 14:41	02/27/24 19:27	1
Fluoranthene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 19:27	1
Fluorene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:27	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.18	0.055	ug/L		02/27/24 14:41	02/27/24 19:27	1
Naphthalene	10		0.18	0.027	ug/L		02/27/24 14:41	02/27/24 19:27	1
Phenanthrene	0.035	U	0.18	0.035	ug/L		02/27/24 14:41	02/27/24 19:27	1
Pyrene	0.052	U	0.18	0.052	ug/L		02/27/24 14:41	02/27/24 19:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	114		42 - 157				02/27/24 14:41	02/27/24 19:27	1
Fluoranthene-d10 (Surr)	132		37 - 152				02/27/24 14:41	02/27/24 19:27	1

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Client Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-20

Lab Sample ID: 670-35534-5

Date Collected: 02/26/24 09:35

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.71	U	1.0	0.71	ug/L			02/29/24 17:15	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			02/29/24 17:15	1
Toluene	0.72	U	1.0	0.72	ug/L			02/29/24 17:15	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			02/29/24 17:15	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			02/29/24 17:15	1
o-Xylene	0.53	U	1.0	0.53	ug/L			02/29/24 17:15	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			02/29/24 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		40 - 146		02/29/24 17:15	1
4-Bromofluorobenzene (Surr)	101		41 - 142		02/29/24 17:15	1
Dibromofluoromethane (Surr)	98		53 - 146		02/29/24 17:15	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	1.9		0.18	0.032	ug/L		02/27/24 14:41	02/27/24 19:46	1
2-Methylnaphthalene	2.1		0.18	0.039	ug/L		02/27/24 14:41	02/27/24 19:46	1
Acenaphthene	0.028	U	0.18	0.028	ug/L		02/27/24 14:41	02/27/24 19:46	1
Acenaphthylene	0.032	U	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 19:46	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 14:41	02/27/24 19:46	1
Benzo[a]anthracene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:46	1
Benzo[a]pyrene	0.057	U	0.18	0.057	ug/L		02/27/24 14:41	02/27/24 19:46	1
Benzo[b]fluoranthene	0.040	U	0.10	0.040	ug/L		02/27/24 14:41	02/27/24 19:46	1
Benzo[g,h,i]perylene	0.066	U	0.18	0.066	ug/L		02/27/24 14:41	02/27/24 19:46	1
Benzo[k]fluoranthene	0.046	U	0.18	0.046	ug/L		02/27/24 14:41	02/27/24 19:46	1
Chrysene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:46	1
Dibenz(a,h)anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 14:41	02/27/24 19:46	1
Fluoranthene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 19:46	1
Fluorene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 19:46	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.18	0.055	ug/L		02/27/24 14:41	02/27/24 19:46	1
Naphthalene	15		0.18	0.027	ug/L		02/27/24 14:41	02/27/24 19:46	1
Phenanthrene	0.035	U	0.18	0.035	ug/L		02/27/24 14:41	02/27/24 19:46	1
Pyrene	0.052	U	0.18	0.052	ug/L		02/27/24 14:41	02/27/24 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	101		42 - 157	02/27/24 14:41	02/27/24 19:46	1
Fluoranthene-d10 (Surr)	138		37 - 152	02/27/24 14:41	02/27/24 19:46	1

Client Sample ID: IW-21

Lab Sample ID: 670-35534-6

Date Collected: 02/26/24 10:05

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.71	U	1.0	0.71	ug/L			02/29/24 17:33	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			02/29/24 17:33	1
Toluene	0.72	U	1.0	0.72	ug/L			02/29/24 17:33	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			02/29/24 17:33	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			02/29/24 17:33	1
o-Xylene	0.55	I	1.0	0.53	ug/L			02/29/24 17:33	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			02/29/24 17:33	1

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Client Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-21

Lab Sample ID: 670-35534-6

Date Collected: 02/26/24 10:05

Matrix: Water

Date Received: 02/27/24 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		40 - 146		02/29/24 17:33	1
4-Bromofluorobenzene (Surr)	101		41 - 142		02/29/24 17:33	1
Dibromofluoromethane (Surr)	99		53 - 146		02/29/24 17:33	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	13		0.18	0.032	ug/L		02/27/24 14:41	02/27/24 20:05	1
2-Methylnaphthalene	4.7		0.18	0.039	ug/L		02/27/24 14:41	02/27/24 20:05	1
Acenaphthene	0.033	I	0.18	0.028	ug/L		02/27/24 14:41	02/27/24 20:05	1
Acenaphthylene	0.032	U	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 20:05	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 14:41	02/27/24 20:05	1
Benzo[a]anthracene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:05	1
Benzo[a]pyrene	0.057	U	0.18	0.057	ug/L		02/27/24 14:41	02/27/24 20:05	1
Benzo[b]fluoranthene	0.040	U	0.10	0.040	ug/L		02/27/24 14:41	02/27/24 20:05	1
Benzo[g,h,i]perylene	0.066	U	0.18	0.066	ug/L		02/27/24 14:41	02/27/24 20:05	1
Benzo[k]fluoranthene	0.046	U	0.18	0.046	ug/L		02/27/24 14:41	02/27/24 20:05	1
Chrysene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:05	1
Dibenz(a,h)anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 14:41	02/27/24 20:05	1
Fluoranthene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 20:05	1
Fluorene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:05	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.18	0.055	ug/L		02/27/24 14:41	02/27/24 20:05	1
Naphthalene	95		0.18	0.027	ug/L		02/27/24 14:41	02/27/24 20:05	1
Phenanthrene	0.035	U	0.18	0.035	ug/L		02/27/24 14:41	02/27/24 20:05	1
Pyrene	0.052	U	0.18	0.052	ug/L		02/27/24 14:41	02/27/24 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	130		42 - 157				02/27/24 14:41	02/27/24 20:05	1
Fluoranthene-d10 (Surr)	144		37 - 152				02/27/24 14:41	02/27/24 20:05	1

Client Sample ID: IW-22

Lab Sample ID: 670-35534-7

Date Collected: 02/26/24 10:35

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.71	U	1.0	0.71	ug/L			02/29/24 17:50	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			02/29/24 17:50	1
Toluene	0.72	U	1.0	0.72	ug/L			02/29/24 17:50	1
Xylenes, Total	6.9		2.0	1.3	ug/L			02/29/24 17:50	1
m,p-Xylenes	5.1		2.0	1.3	ug/L			02/29/24 17:50	1
o-Xylene	1.8		1.0	0.53	ug/L			02/29/24 17:50	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			02/29/24 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		40 - 146					02/29/24 17:50	1
4-Bromofluorobenzene (Surr)	100		41 - 142					02/29/24 17:50	1
Dibromofluoromethane (Surr)	98		53 - 146					02/29/24 17:50	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.062	I	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 20:24	1

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Client Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-22

Lab Sample ID: 670-35534-7

Date Collected: 02/26/24 10:35

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 20:24	1
Acenaphthene	0.028	U	0.18	0.028	ug/L		02/27/24 14:41	02/27/24 20:24	1
Acenaphthylene	0.032	U	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 20:24	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 14:41	02/27/24 20:24	1
Benzo[a]anthracene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:24	1
Benzo[a]pyrene	0.057	U	0.18	0.057	ug/L		02/27/24 14:41	02/27/24 20:24	1
Benzo[b]fluoranthene	0.040	U	0.10	0.040	ug/L		02/27/24 14:41	02/27/24 20:24	1
Benzo[g,h,i]perylene	0.066	U	0.18	0.066	ug/L		02/27/24 14:41	02/27/24 20:24	1
Benzo[k]fluoranthene	0.046	U	0.18	0.046	ug/L		02/27/24 14:41	02/27/24 20:24	1
Chrysene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:24	1
Dibenz[a,h]anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 14:41	02/27/24 20:24	1
Fluoranthene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 20:24	1
Fluorene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:24	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.18	0.055	ug/L		02/27/24 14:41	02/27/24 20:24	1
Naphthalene	1.7		0.18	0.027	ug/L		02/27/24 14:41	02/27/24 20:24	1
Phenanthrene	0.035	U	0.18	0.035	ug/L		02/27/24 14:41	02/27/24 20:24	1
Pyrene	0.052	U	0.18	0.052	ug/L		02/27/24 14:41	02/27/24 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	72		42 - 157				02/27/24 14:41	02/27/24 20:24	1
Fluoranthene-d10 (Surr)	148		37 - 152				02/27/24 14:41	02/27/24 20:24	1

Client Sample ID: IW-23

Lab Sample ID: 670-35534-8

Date Collected: 02/26/24 11:10

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.71	U	1.0	0.71	ug/L			02/29/24 18:08	1
Ethylbenzene	1.0		1.0	0.69	ug/L			02/29/24 18:08	1
Toluene	0.72	U	1.0	0.72	ug/L			02/29/24 18:08	1
Xylenes, Total	40		2.0	1.3	ug/L			02/29/24 18:08	1
m,p-Xylenes	29		2.0	1.3	ug/L			02/29/24 18:08	1
o-Xylene	11		1.0	0.53	ug/L			02/29/24 18:08	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			02/29/24 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		40 - 146					02/29/24 18:08	1
4-Bromofluorobenzene (Surr)	100		41 - 142					02/29/24 18:08	1
Dibromofluoromethane (Surr)	99		53 - 146					02/29/24 18:08	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.64		0.18	0.032	ug/L		02/27/24 14:41	02/27/24 20:43	1
2-Methylnaphthalene	0.33		0.18	0.039	ug/L		02/27/24 14:41	02/27/24 20:43	1
Acenaphthene	0.028	U	0.18	0.028	ug/L		02/27/24 14:41	02/27/24 20:43	1
Acenaphthylene	0.032	U	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 20:43	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 14:41	02/27/24 20:43	1
Benzo[a]anthracene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:43	1
Benzo[a]pyrene	0.057	U	0.18	0.057	ug/L		02/27/24 14:41	02/27/24 20:43	1
Benzo[b]fluoranthene	0.040	U	0.10	0.040	ug/L		02/27/24 14:41	02/27/24 20:43	1

Eurofins Orlando

Client Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-23

Lab Sample ID: 670-35534-8

Date Collected: 02/26/24 11:10

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.066	U	0.18	0.066	ug/L		02/27/24 14:41	02/27/24 20:43	1
Benzo[k]fluoranthene	0.046	U	0.18	0.046	ug/L		02/27/24 14:41	02/27/24 20:43	1
Chrysene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:43	1
Dibenz[a,h]anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 14:41	02/27/24 20:43	1
Fluoranthene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 20:43	1
Fluorene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 20:43	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.18	0.055	ug/L		02/27/24 14:41	02/27/24 20:43	1
Naphthalene	22		0.18	0.027	ug/L		02/27/24 14:41	02/27/24 20:43	1
Phenanthrene	0.035	U	0.18	0.035	ug/L		02/27/24 14:41	02/27/24 20:43	1
Pyrene	0.052	U	0.18	0.052	ug/L		02/27/24 14:41	02/27/24 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	111		42 - 157				02/27/24 14:41	02/27/24 20:43	1
Fluoranthene-d10 (Surr)	140		37 - 152				02/27/24 14:41	02/27/24 20:43	1

Client Sample ID: IW-27

Lab Sample ID: 670-35534-9

Date Collected: 02/26/24 11:45

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.9		1.0	0.71	ug/L			02/29/24 18:26	1
Ethylbenzene	3.0		1.0	0.69	ug/L			02/29/24 18:26	1
Toluene	0.72	U	1.0	0.72	ug/L			02/29/24 18:26	1
Xylenes, Total	24		2.0	1.3	ug/L			02/29/24 18:26	1
m,p-Xylenes	20		2.0	1.3	ug/L			02/29/24 18:26	1
o-Xylene	4.4		1.0	0.53	ug/L			02/29/24 18:26	1
Methyl tert-butyl ether	1.5	I	2.0	0.60	ug/L			02/29/24 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		40 - 146					02/29/24 18:26	1
4-Bromofluorobenzene (Surr)	104		41 - 142					02/29/24 18:26	1
Dibromofluoromethane (Surr)	98		53 - 146					02/29/24 18:26	1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.032	U	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 21:21	1
2-Methylnaphthalene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 21:21	1
Acenaphthene	0.028	U	0.18	0.028	ug/L		02/27/24 14:41	02/27/24 21:21	1
Acenaphthylene	0.032	U	0.18	0.032	ug/L		02/27/24 14:41	02/27/24 21:21	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 14:41	02/27/24 21:21	1
Benzo[a]anthracene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 21:21	1
Benzo[a]pyrene	0.057	U	0.18	0.057	ug/L		02/27/24 14:41	02/27/24 21:21	1
Benzo[b]fluoranthene	0.040	U	0.10	0.040	ug/L		02/27/24 14:41	02/27/24 21:21	1
Benzo[g,h,i]perylene	0.066	U	0.18	0.066	ug/L		02/27/24 14:41	02/27/24 21:21	1
Benzo[k]fluoranthene	0.046	U	0.18	0.046	ug/L		02/27/24 14:41	02/27/24 21:21	1
Chrysene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 21:21	1
Dibenz[a,h]anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 14:41	02/27/24 21:21	1
Fluoranthene	0.039	U	0.18	0.039	ug/L		02/27/24 14:41	02/27/24 21:21	1
Fluorene	0.041	U	0.18	0.041	ug/L		02/27/24 14:41	02/27/24 21:21	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.18	0.055	ug/L		02/27/24 14:41	02/27/24 21:21	1

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Client Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-27

Lab Sample ID: 670-35534-9

Date Collected: 02/26/24 11:45

Matrix: Water

Date Received: 02/27/24 08:00

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.56		0.18	0.027	ug/L		02/27/24 14:41	02/27/24 21:21	1
Phenanthrene	0.035	U	0.18	0.035	ug/L		02/27/24 14:41	02/27/24 21:21	1
Pyrene	0.052	U	0.18	0.052	ug/L		02/27/24 14:41	02/27/24 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-methylnaphthalene-d10	95		42 - 157				02/27/24 14:41	02/27/24 21:21	1
Fluoranthene-d10 (Surr)	134		37 - 152				02/27/24 14:41	02/27/24 21:21	1

Surrogate Summary

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		TOL (40-146)	BFB (41-142)	DBFM (53-146)
670-35534-1	IW-26	93	102	96
670-35534-5	IW-20	93	101	98
670-35534-6	IW-21	93	101	99
670-35534-7	IW-22	93	100	98
670-35534-8	IW-23	94	100	99
670-35534-9	IW-27	93	104	98
670-35578-E-1 MS	Matrix Spike	94	100	98
670-35578-E-1 MSD	Matrix Spike Duplicate	94	101	99
LCS 670-78443/5	Lab Control Sample	93	104	99
MB 670-78443/8	Method Blank	93	100	98

Surrogate Legend

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		2MN (42-157)	FLN10 (37-152)
670-35534-2	MW-1RR	110	93
670-35534-3	IW-7	119	148
670-35534-4	IW-17	114	132
670-35534-5	IW-20	101	138
670-35534-6	IW-21	130	144
670-35534-7	IW-22	72	148
670-35534-8	IW-23	111	140
670-35534-9	IW-27	95	134
LCS 670-78032/2-A	Lab Control Sample	128	142
LCSD 670-78032/3-A	Lab Control Sample Dup	114	141
MB 670-78032/1-A	Method Blank	46	130

Surrogate Legend

2MN = 2-methylnaphthalene-d10

FLN10 = Fluoranthene-d10 (Surr)

QC Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 670-78443/8

Matrix: Water

Analysis Batch: 78443

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.71	U	1.0	0.71	ug/L			02/29/24 12:39	1
Ethylbenzene	0.69	U	1.0	0.69	ug/L			02/29/24 12:39	1
Toluene	0.72	U	1.0	0.72	ug/L			02/29/24 12:39	1
Xylenes, Total	1.3	U	2.0	1.3	ug/L			02/29/24 12:39	1
m,p-Xylenes	1.3	U	2.0	1.3	ug/L			02/29/24 12:39	1
o-Xylene	0.53	U	1.0	0.53	ug/L			02/29/24 12:39	1
Methyl tert-butyl ether	0.60	U	2.0	0.60	ug/L			02/29/24 12:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		40 - 146		02/29/24 12:39	1
4-Bromofluorobenzene (Surr)	100		41 - 142		02/29/24 12:39	1
Dibromofluoromethane (Surr)	98		53 - 146		02/29/24 12:39	1

Lab Sample ID: LCS 670-78443/5

Matrix: Water

Analysis Batch: 78443

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	20.0	16.7		ug/L		84	56 - 136
Ethylbenzene	20.0	19.5		ug/L		97	63 - 133
Toluene	20.0	16.5		ug/L		83	64 - 131
Xylenes, Total	40.0	38.6		ug/L		97	50 - 150
m,p-Xylenes	20.0	19.5		ug/L		97	64 - 133
o-Xylene	20.0	19.1		ug/L		96	61 - 129
Methyl tert-butyl ether	20.0	17.5		ug/L		87	51 - 145

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	93		40 - 146
4-Bromofluorobenzene (Surr)	104		41 - 142
Dibromofluoromethane (Surr)	99		53 - 146

Lab Sample ID: 670-35578-E-1 MS

Matrix: Water

Analysis Batch: 78443

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.71	U	20.0	19.5		ug/L		97	56 - 136
Ethylbenzene	0.69	U	20.0	22.6		ug/L		113	63 - 133
Toluene	0.72	U	20.0	18.8		ug/L		94	64 - 131
Xylenes, Total	1.3	U	40.0	44.6		ug/L		112	50 - 150
m,p-Xylenes	1.3	U	20.0	22.8		ug/L		114	64 - 133
o-Xylene	0.53	U	20.0	21.8		ug/L		109	61 - 129
Methyl tert-butyl ether	5.7		20.0	24.3		ug/L		93	50 - 150

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	94		40 - 146
4-Bromofluorobenzene (Surr)	100		41 - 142

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QC Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 670-35578-E-1 MS

Matrix: Water

Analysis Batch: 78443

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
Dibromofluoromethane (Surr)	98		53 - 146

Lab Sample ID: 670-35578-E-1 MSD

Matrix: Water

Analysis Batch: 78443

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.71	U	20.0	18.5		ug/L		92	56 - 136	5	14
Ethylbenzene	0.69	U	20.0	21.1		ug/L		105	63 - 133	7	18
Toluene	0.72	U	20.0	18.0		ug/L		90	64 - 131	4	16
Xylenes, Total	1.3	U	40.0	42.8		ug/L		107	50 - 150	4	30
m,p-Xylenes	1.3	U	20.0	21.7		ug/L		108	64 - 133	5	18
o-Xylene	0.53	U	20.0	21.1		ug/L		105	61 - 129	3	16
Methyl tert-butyl ether	5.7		20.0	24.6		ug/L		95	50 - 150	1	22

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	94		40 - 146
4-Bromofluorobenzene (Surr)	101		41 - 142
Dibromofluoromethane (Surr)	99		53 - 146

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 670-78032/1-A

Matrix: Water

Analysis Batch: 78090

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 78032

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	0.032	U	0.18	0.032	ug/L		02/27/24 11:33	02/27/24 18:31	1
2-Methylnaphthalene	0.039	U	0.18	0.039	ug/L		02/27/24 11:33	02/27/24 18:31	1
Acenaphthene	0.028	U	0.18	0.028	ug/L		02/27/24 11:33	02/27/24 18:31	1
Acenaphthylene	0.032	U	0.18	0.032	ug/L		02/27/24 11:33	02/27/24 18:31	1
Anthracene	0.050	U	0.18	0.050	ug/L		02/27/24 11:33	02/27/24 18:31	1
Benzo[a]anthracene	0.041	U	0.18	0.041	ug/L		02/27/24 11:33	02/27/24 18:31	1
Benzo[a]pyrene	0.057	U	0.18	0.057	ug/L		02/27/24 11:33	02/27/24 18:31	1
Benzo[b]fluoranthene	0.040	U	0.10	0.040	ug/L		02/27/24 11:33	02/27/24 18:31	1
Benzo[g,h,i]perylene	0.066	U	0.18	0.066	ug/L		02/27/24 11:33	02/27/24 18:31	1
Benzo[k]fluoranthene	0.046	U	0.18	0.046	ug/L		02/27/24 11:33	02/27/24 18:31	1
Chrysene	0.041	U	0.18	0.041	ug/L		02/27/24 11:33	02/27/24 18:31	1
Dibenz(a,h)anthracene	0.053	U	0.18	0.053	ug/L		02/27/24 11:33	02/27/24 18:31	1
Fluoranthene	0.039	U	0.18	0.039	ug/L		02/27/24 11:33	02/27/24 18:31	1
Fluorene	0.041	U	0.18	0.041	ug/L		02/27/24 11:33	02/27/24 18:31	1
Indeno[1,2,3-cd]pyrene	0.055	U	0.18	0.055	ug/L		02/27/24 11:33	02/27/24 18:31	1
Naphthalene	0.027	U	0.18	0.027	ug/L		02/27/24 11:33	02/27/24 18:31	1
Phenanthrene	0.035	U	0.18	0.035	ug/L		02/27/24 11:33	02/27/24 18:31	1
Pyrene	0.052	U	0.18	0.052	ug/L		02/27/24 11:33	02/27/24 18:31	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
2-methylnaphthalene-d10	46		42 - 157	02/27/24 11:33	02/27/24 18:31	1			

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QC Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: MB 670-78032/1-A

Matrix: Water

Analysis Batch: 78090

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 78032

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Fluoranthene-d10 (Surr)	130		37 - 152	02/27/24 11:33	02/27/24 18:31	1

Lab Sample ID: LCS 670-78032/2-A

Matrix: Water

Analysis Batch: 78090

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 78032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	3.64	4.96		ug/L		137	45 - 148
2-Methylnaphthalene	3.64	4.23		ug/L		116	41 - 146
Acenaphthene	3.64	4.89		ug/L		135	45 - 166
Acenaphthylene	3.64	2.31		ug/L		64	40 - 161
Anthracene	3.64	3.95		ug/L		109	55 - 160
Benzo[a]anthracene	3.64	3.16		ug/L		87	36 - 150
Benzo[a]pyrene	3.64	3.56		ug/L		98	38 - 152
Benzo[b]fluoranthene	3.64	3.49		ug/L		96	45 - 154
Benzo[g,h,i]perylene	3.64	4.68		ug/L		129	38 - 165
Benzo[k]fluoranthene	3.64	5.56		ug/L		153	48 - 158
Chrysene	3.64	5.59		ug/L		154	41 - 160
Dibenz(a,h)anthracene	3.64	4.88		ug/L		134	52 - 162
Fluoranthene	3.64	5.35		ug/L		147	52 - 185
Fluorene	3.64	5.00		ug/L		137	60 - 168
Indeno[1,2,3-cd]pyrene	3.64	4.54		ug/L		125	46 - 152
Naphthalene	3.64	4.02		ug/L		111	44 - 166
Phenanthrene	3.64	4.61		ug/L		127	60 - 184
Pyrene	3.64	5.63		ug/L		155	55 - 171

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-methylnaphthalene-d10	128		42 - 157
Fluoranthene-d10 (Surr)	142		37 - 152

Lab Sample ID: LCSD 670-78032/3-A

Matrix: Water

Analysis Batch: 78090

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 78032

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	3.64	4.68		ug/L		129	45 - 148	6	25
2-Methylnaphthalene	3.64	3.84		ug/L		105	41 - 146	10	25
Acenaphthene	3.64	4.90		ug/L		135	45 - 166	0	25
Acenaphthylene	3.64	2.32		ug/L		64	40 - 161	0	25
Anthracene	3.64	4.04		ug/L		111	55 - 160	2	25
Benzo[a]anthracene	3.64	3.34		ug/L		92	36 - 150	6	25
Benzo[a]pyrene	3.64	3.57		ug/L		98	38 - 152	0	25
Benzo[b]fluoranthene	3.64	3.44		ug/L		95	45 - 154	2	25
Benzo[g,h,i]perylene	3.64	4.99		ug/L		137	38 - 165	6	25
Benzo[k]fluoranthene	3.64	5.69		ug/L		157	48 - 158	2	25
Chrysene	3.64	5.70		ug/L		157	41 - 160	2	25
Dibenz(a,h)anthracene	3.64	4.86		ug/L		134	52 - 162	0	25
Fluoranthene	3.64	5.32		ug/L		146	52 - 185	1	25

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QC Sample Results

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 670-78032/3-A					Client Sample ID: Lab Control Sample Dup						
Matrix: Water					Prep Type: Total/NA						
Analysis Batch: 78090					Prep Batch: 78032						
				Spike	LCSD	LCSD			%Rec		RPD
Analyte				Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD
Fluorene				3.64	5.05		ug/L		139	60 - 168	1
Indeno[1,2,3-cd]pyrene				3.64	4.68		ug/L		129	46 - 152	3
Naphthalene				3.64	3.76		ug/L		103	44 - 166	7
Phenanthrene				3.64	4.72		ug/L		130	60 - 184	2
Pyrene				3.64	5.66		ug/L		156	55 - 171	0
				LCSD	LCSD						
Surrogate		%Recovery	Qualifier	Limits							
2-methylnaphthalene-d10		114		42 - 157							
Fluoranthene-d10 (Surr)		141		37 - 152							

QC Association Summary

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

GC/MS VOA

Analysis Batch: 78443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-35534-1	IW-26	Total/NA	Water	8260D	
670-35534-5	IW-20	Total/NA	Water	8260D	
670-35534-6	IW-21	Total/NA	Water	8260D	
670-35534-7	IW-22	Total/NA	Water	8260D	
670-35534-8	IW-23	Total/NA	Water	8260D	
670-35534-9	IW-27	Total/NA	Water	8260D	
MB 670-78443/8	Method Blank	Total/NA	Water	8260D	
LCS 670-78443/5	Lab Control Sample	Total/NA	Water	8260D	
670-35578-E-1 MS	Matrix Spike	Total/NA	Water	8260D	
670-35578-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 78032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-35534-2	MW-1RR	Total/NA	Water	3511	
670-35534-3	IW-7	Total/NA	Water	3511	
670-35534-4	IW-17	Total/NA	Water	3511	
670-35534-5	IW-20	Total/NA	Water	3511	
670-35534-6	IW-21	Total/NA	Water	3511	
670-35534-7	IW-22	Total/NA	Water	3511	
670-35534-8	IW-23	Total/NA	Water	3511	
670-35534-9	IW-27	Total/NA	Water	3511	
MB 670-78032/1-A	Method Blank	Total/NA	Water	3511	
LCS 670-78032/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 670-78032/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 78090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
670-35534-2	MW-1RR	Total/NA	Water	8270E SIM	78032
670-35534-3	IW-7	Total/NA	Water	8270E SIM	78032
670-35534-4	IW-17	Total/NA	Water	8270E SIM	78032
670-35534-5	IW-20	Total/NA	Water	8270E SIM	78032
670-35534-6	IW-21	Total/NA	Water	8270E SIM	78032
670-35534-7	IW-22	Total/NA	Water	8270E SIM	78032
670-35534-8	IW-23	Total/NA	Water	8270E SIM	78032
670-35534-9	IW-27	Total/NA	Water	8270E SIM	78032
MB 670-78032/1-A	Method Blank	Total/NA	Water	8270E SIM	78032
LCS 670-78032/2-A	Lab Control Sample	Total/NA	Water	8270E SIM	78032
LCSD 670-78032/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM	78032

Lab Chronicle

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-26

Lab Sample ID: 670-35534-1

Date Collected: 02/26/24 09:05

Matrix: Water

Date Received: 02/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	78443	P1K	EET ORL	02/29/24 16:58

Client Sample ID: MW-1RR

Lab Sample ID: 670-35534-2

Date Collected: 02/26/24 07:36

Matrix: Water

Date Received: 02/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			78032	SI	EET ORL	02/27/24 14:41
Total/NA	Analysis	8270E SIM		1	78090	K1P	EET ORL	02/27/24 18:50

Client Sample ID: IW-7

Lab Sample ID: 670-35534-3

Date Collected: 02/26/24 08:05

Matrix: Water

Date Received: 02/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			78032	SI	EET ORL	02/27/24 14:41
Total/NA	Analysis	8270E SIM		1	78090	K1P	EET ORL	02/27/24 19:08

Client Sample ID: IW-17

Lab Sample ID: 670-35534-4

Date Collected: 02/26/24 08:35

Matrix: Water

Date Received: 02/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3511			78032	SI	EET ORL	02/27/24 14:41
Total/NA	Analysis	8270E SIM		1	78090	K1P	EET ORL	02/27/24 19:27

Client Sample ID: IW-20

Lab Sample ID: 670-35534-5

Date Collected: 02/26/24 09:35

Matrix: Water

Date Received: 02/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	78443	P1K	EET ORL	02/29/24 17:15
Total/NA	Prep	3511			78032	SI	EET ORL	02/27/24 14:41
Total/NA	Analysis	8270E SIM		1	78090	K1P	EET ORL	02/27/24 19:46

Client Sample ID: IW-21

Lab Sample ID: 670-35534-6

Date Collected: 02/26/24 10:05

Matrix: Water

Date Received: 02/27/24 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	78443	P1K	EET ORL	02/29/24 17:33
Total/NA	Prep	3511			78032	SI	EET ORL	02/27/24 14:41
Total/NA	Analysis	8270E SIM		1	78090	K1P	EET ORL	02/27/24 20:05

Lab Chronicle

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Client Sample ID: IW-22
Date Collected: 02/26/24 10:35
Date Received: 02/27/24 08:00

Lab Sample ID: 670-35534-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	78443	P1K	EET ORL	02/29/24 17:50
Total/NA	Prep	3511			78032	SI	EET ORL	02/27/24 14:41
Total/NA	Analysis	8270E SIM		1	78090	K1P	EET ORL	02/27/24 20:24

Client Sample ID: IW-23
Date Collected: 02/26/24 11:10
Date Received: 02/27/24 08:00

Lab Sample ID: 670-35534-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	78443	P1K	EET ORL	02/29/24 18:08
Total/NA	Prep	3511			78032	SI	EET ORL	02/27/24 14:41
Total/NA	Analysis	8270E SIM		1	78090	K1P	EET ORL	02/27/24 20:43

Client Sample ID: IW-27
Date Collected: 02/26/24 11:45
Date Received: 02/27/24 08:00

Lab Sample ID: 670-35534-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	78443	P1K	EET ORL	02/29/24 18:26
Total/NA	Prep	3511			78032	SI	EET ORL	02/27/24 14:41
Total/NA	Analysis	8270E SIM		1	78090	K1P	EET ORL	02/27/24 21:21

Laboratory References:
EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

Accreditation/Certification Summary

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Laboratory: Eurofins Orlando

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-24
Arkansas (DW)	State	FL00091	06-30-24
Florida	NELAP	E83018	06-30-24
Georgia (DW)	State	C055	06-30-24
Louisiana (All)	NELAP	239316	06-30-24
Louisiana (DW)	State	LA039	05-24-24
Mississippi	State	MS00007	06-30-24
New Mexico	State	FL00091	06-30-24
North Carolina (DW)	State	12712	07-31-24
Tennessee	State	TN04930	06-30-24
Texas	NELAP	T104704571	02-29-24
Washington	State	C1089	10-19-24

Method Summary

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET ORL
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET ORL
3511	Microextraction of Organic Compounds	SW846	EET ORL
5030C	Purge and Trap	SW846	EET ORL

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

Sample Summary

Client: Earth Systems, Inc.
Project/Site: Tropical Chevron

Job ID: 670-35534-1
SDG: 2995 Hwy 44 New Smyrna FL

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
670-35534-1	IW-26	Water	02/26/24 09:05	02/27/24 08:00
670-35534-2	MW-1RR	Water	02/26/24 07:36	02/27/24 08:00
670-35534-3	IW-7	Water	02/26/24 08:05	02/27/24 08:00
670-35534-4	IW-17	Water	02/26/24 08:35	02/27/24 08:00
670-35534-5	IW-20	Water	02/26/24 09:35	02/27/24 08:00
670-35534-6	IW-21	Water	02/26/24 10:05	02/27/24 08:00
670-35534-7	IW-22	Water	02/26/24 10:35	02/27/24 08:00
670-35534-8	IW-23	Water	02/26/24 11:10	02/27/24 08:00
670-35534-9	IW-27	Water	02/26/24 11:45	02/27/24 08:00

Eurofins Jacksonville

8021-6 Philips Highway

Jacksonville, FL 32256

Phone (904) 296-3007 Phone (904) 296-6210

Chain of Custody Record



Environment Testing

Client Information		Sampler: <u>T. Byrnes</u>		Lab PM: Kumm, Ryya		Carrier Tracking No(s):		COC No: 762-3850-448.1			
Client Contact: Mr. Luke Russell		Phone: <u>904.242.1148</u>		E-Mail: <u>ryya.kumm@et.eurofinsus.com</u>		State of Origin: <u>FL</u>		Page: Page 1 of 1			
Company: Earth Systems, Inc.		PWSID:		Analysis Requested						Job #:	
Address: 223 N. 12th Avenue North		Due Date Requested: <u>STANDARD</u>		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260D - BTEX, MTBE 8270E - SIM - PAHs Total Number of containers						Preservation Codes:	
City: Jacksonville Beach		TAT Requested (days):								A - HCL M - Hexane	
State, Zip: FL, 32250		Compliance Project: ☐ Yes ☐ No								B - NaOH N - None	
Phone: 904-247-0740(Tel)		PO #:								C - Zn Acetate O - AsNaO2	
Email: <u>lrussell@earthsys.net</u>		Purchase Order not required								D - Nitric Acid P - Na2O4S	
Project Name: Tropical Chevron		WO #:								Q - Na2SO3	
Site: <u>2995 Hwy 94 New Smyrna FL</u>		Project #: 76200555								R - Na2S2O3	
SSOW#:								S - H2SO4			
								T - TSP Dodecahydrate			
								U - Acetone			
								V - MCAA			
								W - pH 4-5			
								Y - Trizma			
								Z - other (specify)			
								Other:			
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)		Special Instructions/Note:	
IW-26		2-26-24		0905		GRAB		Water			
MW-1RR				0736				Water			
MW-8R <u>not sampled</u>								Water			
IW-7				0805				Water			
IW-17				0835				Water			
IW-20				0935				Water			
IW-21				1005				Water			
IW-22				1035				Water			
IW-23				1110				Water			
IW-27				1145				Water			
											
670-35534 Chain of Custody											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months					
Deliverable Requested: I, II, III, IV, Other (specify)						Special Instructions/QC Requirements:					
Empty Kit Relinquished by: <u>[Signature]</u>		Date: <u>2/22/2024</u>		Time: <u>10:21</u>		Method of Shipment: <u>Pick up</u>					
Relinquished by: <u>[Signature]</u>		Date/Time: <u>2-26-24 1430</u>		Company: <u>ESI</u>		Received by: <u>[Signature]</u>		Date/Time: <u>2/26/24 1430</u>		Company: <u>ESI</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>2/26/24 1700</u>		Company: <u>ESI</u>		Received by: <u>[Signature]</u>		Date/Time: <u>2/26/24 8:00</u>		Company: <u>eurofins</u>	
Relinquished by: <u>[Signature]</u>		Date/Time: <u>2/26/24 1700</u>		Company: <u>ESI</u>		Received by: <u>[Signature]</u>		Date/Time: <u>2/26/24 8:00</u>		Company: <u>eurofins</u>	
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>4.4°C on ice T-096</u>		3.9/3.9					

Login Sample Receipt Checklist

Client: Earth Systems, Inc.

Job Number: 670-35534-1

SDG Number: 2995 Hwy 44 New Smyrna FL

Login Number: 35534

List Number: 1

Creator: Clerisier, Meline

List Source: Eurofins Orlando

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

SPI Rate Sheet

Petroleum Contamination Site Response Action Services
SCHEDULE OF PAY ITEMS INVOICE RATE SHEET

DETAIL INVOICE, Page 2 of 3

Facility Name: CHEVRON-TROPICAL
 7-Digit Facility ID #: 8517300
 County: 64
 Region: Central
 Site Manager Name: STEVEN CULLEN
 Site Manager Phone: (352)264-6807
 Site Manager Email: scullen@alachuacounty.us

Contractor: EARTH SYSTEMS, LLC
 CID #: 00299 Retainage %: 5% Purchase Order: C31D53
 Contract #: GC743 FDEP Cost Share %: 100.00% Download Date: 1/24/24 17:54
 SPI ID #: 31614 Total Extended Cost: \$ 23,575.00 Assignment Type: SCOPE
 Without Handling Fee: \$ 23,575.00
 Transition Agreement: ☐ Yes ☒ No

			PO Rate Sheet			Previously Invoiced	This Invoice		Balance
PAY ITEM	DESCRIPTION	UNIT OF MEASURE	UNITS	NEGOTIATED ITEM PRICE	TOTAL EXTENDED PRICE	UNITS	UNITS	EXTENDED PRICE	UNITS
Task 1									
1-2.a.	Site Health & Safety Plan for Continued Work (no cost to FDEP)	Per Site	1	\$ -	\$ -	0	1	\$ -	0
3-2.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - > 100 miles each way	Per Round Trip	1	\$ 722.00	\$ 722.00	0	1	\$ 722.00	0
8-1.	Monitoring Well Sampling with Water Level, ≤ 100 foot depth	Per Well	10	\$ 268.00	\$ 2,680.00	0	9	\$ 2,412.00	1
8-11.	Electronic Data Deliverables (EDD)	Per Sampling Event	1	\$ 81.00	\$ 81.00	0	1	\$ 81.00	0
9-27.	Water, BTEX + MTBE (EPA 602, EPA 624, EPA 8021 or EPA 8260)	Per Sample	6	\$ 49.50	\$ 297.00	0	6	\$ 297.00	0
9-30.	Water, Polycyclic Aromatic Hydrocarbons, including 1-methylnaphthalene + 2-methylnaphthalene (EPA 610 [HPLC], EPA 625, EPA 8270 or EPA 8310)	Per Sample	9	\$ 97.00	\$ 873.00	0	8	\$ 776.00	1
19-7.	Natural Attenuation or Post RA Monitoring Report, Quarterly or Non-Annual	Per Report	1	\$ 716.00	\$ 716.00	0	1	\$ 716.00	0
		RETAINAGE			\$ 268.45	\$ (0.00)		\$ 250.20	\$ 18.25
		SUBTOTAL			\$ 5,369.00	\$ -		\$ 5,004.00	\$ 365.00
Task 2									
3-2.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - > 100 miles each way	Per Round Trip	1	\$ 722.00	\$ 722.00	0	0	\$ -	1
8-1.	Monitoring Well Sampling with Water Level, ≤ 100 foot depth	Per Well	10	\$ 268.00	\$ 2,680.00	0	0	\$ -	10
8-11.	Electronic Data Deliverables (EDD)	Per Sampling Event	1	\$ 81.00	\$ 81.00	0	0	\$ -	1
9-27.	Water, BTEX + MTBE (EPA 602, EPA 624, EPA 8021 or EPA 8260)	Per Sample	6	\$ 49.50	\$ 297.00	0	0	\$ -	6
9-30.	Water, Polycyclic Aromatic Hydrocarbons, including 1-methylnaphthalene + 2-methylnaphthalene (EPA 610 [HPLC], EPA 625, EPA 8270 or EPA 8310)	Per Sample	9	\$ 97.00	\$ 873.00	0	0	\$ -	9
19-7.	Natural Attenuation or Post RA Monitoring Report, Quarterly or Non-Annual	Per Report	1	\$ 716.00	\$ 716.00	0	0	\$ -	1
		RETAINAGE			\$ 268.45	\$ -		\$ -	\$ 268.45
		SUBTOTAL			\$ 5,369.00	\$ -		\$ -	\$ 5,369.00
Task 3									
3-2.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - > 100 miles each way	Per Round Trip	1	\$ 722.00	\$ 722.00	0	0	\$ -	1
8-1.	Monitoring Well Sampling with Water Level, ≤ 100 foot depth	Per Well	10	\$ 268.00	\$ 2,680.00	0	0	\$ -	10
8-11.	Electronic Data Deliverables (EDD)	Per Sampling Event	1	\$ 81.00	\$ 81.00	0	0	\$ -	1
9-27.	Water, BTEX + MTBE (EPA 602, EPA 624, EPA 8021 or EPA 8260)	Per Sample	6	\$ 49.50	\$ 297.00	0	0	\$ -	6
9-30.	Water, Polycyclic Aromatic Hydrocarbons, including 1-methylnaphthalene + 2-methylnaphthalene (EPA 610 [HPLC], EPA 625, EPA 8270 or EPA 8310)	Per Sample	9	\$ 97.00	\$ 873.00	0	0	\$ -	9
19-7.	Natural Attenuation or Post RA Monitoring Report, Quarterly or Non-Annual	Per Report	1	\$ 716.00	\$ 716.00	0	0	\$ -	1
		RETAINAGE			\$ 268.45	\$ -		\$ -	\$ 268.45
		SUBTOTAL			\$ 5,369.00	\$ -		\$ -	\$ 5,369.00
Task 4									
3-2.	Mobilization, Light Duty Vehicle (car or 1/2 ton truck) - > 100 miles each way	Per Round Trip	1	\$ 722.00	\$ 722.00	0	0	\$ -	1
8-1.	Monitoring Well Sampling with Water Level, ≤ 100 foot depth	Per Well	10	\$ 268.00	\$ 2,680.00	0	0	\$ -	10

Petroleum Contamination Site Response Action Services
SCHEDULE OF PAY ITEMS INVOICE RATE SHEET

			PO Rate Sheet			Previously Invoiced	This Invoice		Balance
PAY ITEM	DESCRIPTION	UNIT OF MEASURE	UNITS	NEGOTIATED ITEM PRICE	TOTAL EXTENDED PRICE	UNITS	UNITS	EXTENDED PRICE	UNITS
8-11.	Electronic Data Deliverables (EDD)	Per Sampling Event	1	\$ 81.00	\$ 81.00	0	0	\$ -	1
9-27.	Water, BTEX + MTBE (EPA 602, EPA 624, EPA 8021 or EPA 8260)	Per Sample	6	\$ 49.50	\$ 297.00	0	0	\$ -	6
9-30.	Water, Polycyclic Aromatic Hydrocarbons, including 1-methylnaphthalene + 2-methylnaphthalene (EPA 610 [HPLC], EPA 625, EPA 8270 or EPA 8310)	Per Sample	9	\$ 97.00	\$ 873.00	0	0	\$ -	9
19-8.	Natural Attenuation or Post RA Monitoring Report, Annual	Per Report	1	\$ 1,650.00	\$ 1,650.00	0	0	\$ -	1
21-20.	P.G or P.E. Review, Evaluation and Certification of an Annual Natural Attenuation Monitoring Report	Per Report	1	\$ 165.00	\$ 165.00	0	0	\$ -	1
23-1.	Contingent Funding - Allowance only to be used as offset for field change orders	NOT BILLABLE	1000	\$ 1.00	\$ 1,000.00	n/a	n/a	n/a	1000
		RETAINAGE			\$ 373.40	\$ -		\$ -	\$ 373.40
		SUBTOTAL			\$ 7,468.00	\$ -		\$ -	\$ 7,468.00
		TOTAL COST			\$ 23,575.00	\$ -		\$ 5,004.00	\$ 18,571.00
					Owner Cost Share:	\$ -	\$ -	\$ -	\$ -
					FDEP Cost Share:	\$ 23,575.00	\$ -	\$ 5,004.00	\$ 18,571.00
					Retainage:	\$ 1,178.75	\$ (0.00)	\$ 250.20	\$ 928.55
					FDEP Less Retainage:	\$ 22,396.25	\$ 0.00	\$ 4,753.80	\$ 17,642.45

Version: 13.0

Site Manager Approval: _____
Print Name

Signature

Date of Review Letter