

Mr. Jason Pelton Project Manager New York State Department of Environmental Conservation Remedial Bureau D 625 Broadway Albany, New York 12233-7015

Subject: Second Quarter 2019 Progress Report Northrop Grumman Systems Corporation Operable Unit 2, NYSDEC Site ID # 1-30-003A, Bethpage, New York

Dear Jason:

In accordance with Appendix "A", Section XIII of Administrative Order on Consent (AOC) Index # W1-118-14-12, this letter reports Operable Unit 2 (OU2) activities performed by Northrop Grumman Systems Corporation (Northrop Grumman) during the Second Quarter of 2019 (April through June 2019). Activities planned for Third Quarter of 2019 (July through September 2019) are also described.

This progress report provides data that have been received as final and/or validated from the current period that are not included in other routine reporting for OU2 (e.g., quarterly reports as specified in the Groundwater Monitoring Plan).

As this is an ongoing remediation project, Northrop Grumman has transitioned the frequency of these progress reports from monthly to quarterly. Therefore, the next report will be submitted following the close of September 2019. Arcadis of New York, Inc. Two Huntington Quadrangle Suite 1S10 Melville New York 11747 Tel 631 249 7600 Fax 631 249 7610 www.arcadis.com

ENVIRONMENT

Date: July 10, 2019 Contact: Art Zahradnik

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Our ref:

NYNG2019.22TM.LARA5

OU2 ACTIVITIES CONDUCTED DURING SECOND QUARTER 2019

OU2 On-Site Containment (ONCT) System

- Continued Operation, Maintenance, and Monitoring (OM&M) of the OU2 ONCT system, including preparation and interim maintenance of South Basins (easternmost)
- Significant shutdown instances this period are summarized below. In each instance the system was fully restored following shutdown.
 - Tower 96 of the ONCT System was shut down for approximately one and a half hours on May 30, 2019 due to power interruption caused by power supplier (Calpine).
 - Well 1 of the Tower 96 System was shut down for approximately 21 hours on June 16, 2019 through June 17, 2019 due to a Variable Frequency Drive failure and subsequent repair.
 - Tower 102 of the ONCT System was shut down for approximately 4 days from May 24, 2019 to May 28, 2019 due to software malfunction troubleshooting and restoration.
- Completed Second Quarter 2019 ONCT system sampling
- Data not routinely reported are provided for the current period as follows:
 - Analytical data associated with Tower 96 Effluent and monthly sampling of ONCT Tower 96 system Remedial Wells 1 and 3R are provided in Table 1. Locations of wells are shown on Figure 1.

Regional Groundwater Monitoring & Outpost Well Monitoring

- Completed Second Quarter 2019 routine OU2 groundwater monitoring activities, including the supplemental (quarterly) VOC sampling at Monitoring Wells GM-21D2, GM-33D2, GM-75D2 and GM-20D located just south of the ONCT remedial wells to monitor ONCT system hydraulic effectiveness following 2017 ONCT South Basins maintenance activities.
- Completed water level collection from wells in Northrop Grumman's routine monitoring program.
- Data not routinely reported are provided for the current period as follows:
 - Analytical data associated with the samples collected from supplemental monitoring wells (GM-21D2, GM-33D2 and GM-75D2) as a part of First Quarter 2019 are included in the attached table. It should be noted that analytical results for supplemental monitoring well GM-20D are not included because this well could not be sampled during the First Quarter 2019 due to accessibility issues.

Also included in the attached table, is the analytical data from the purge water discharged as part of the First Quarter 2019 sampling event (Location ID "DISCHARGE")

- Prepared and submitted First Quarter 2019 sampling event data (Form 1 packages) to NYSDEC
- Began preparation and submittal of Second Quarter 2019 sampling event data (Form 1 packages) to NYSDEC

Northrop Grumman Cooperation with Navy

- Coordinated with Navy and completed Second Quarter 2019 sampling of additional outpost wells and plume monitoring wells. Completed water level collection from wells in Navy's routine monitoring program
- Prepared and submitted First Quarter 2019 sampling event data for Navy owned wells (Form 1 packages) to Navy for distribution

Other

- Prepared and submitted the First Quarter 2019 OU2 Operation, Maintenance, and Monitoring Report
- Prepared and submitted the First Quarter 2019 AOC quarterly progress report

OU2 ACTIVITIES SCHEDULED FOR THIRD QUARTER 2019

OU2 On-Site Containment (ONCT) System

- Continue OM&M of OU2 ONCT system, including continued preparation for and performance of maintenance of South Basins (easternmost) in Third Quarter 2019, dependent on weather
- Conduct Third Quarter 2019 ONCT system sampling

Regional Groundwater Monitoring & Outpost Well Monitoring

- Conduct Third Quarter 2019 sampling from wells in Northrop Grumman's routine monitoring program (BPOW2 well cluster)
- Continue supplemental (quarterly) VOC sampling at Monitoring Wells GM-21D2, GM-33D2, GM-75D2 and GM-20D

Northrop Grumman Cooperation with Navy

• Conduct Third Quarter 2019 sampling from additional outpost wells

Other

- Prepare and submit the Second Quarter 2019 AOC quarterly progress report on July 10, 2019
- Prepare and submit the Second Quarter 2019 Annual OU2 Operation, Maintenance, and Monitoring Report on August 30, 2019

Sincerely,

Arcadis of New York, Inc.

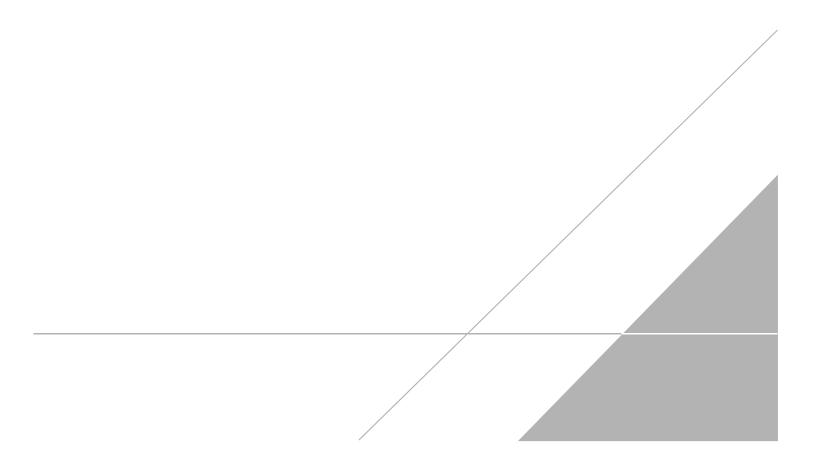
Art Jahrabinh

Art Zahradnik Associate Project Manager

Enclosures

Copies: Steven Karpinski, NYSDOH Steven Scharf, NYSDEC Donald Hesler, NYSDEC Andrew Guglielmi, NYSDEC Edward J. Hannon, Northrop Grumman Jill Palmer, Esq., Northrop Grumman Daniel Riesel, Esq., Sive, Paget & Riesel, P.C. Mark A. Chertok, Esq., Sive, Paget & Riesel, P.C. Brian S. Murray, NAVFAC Mid-Atlantic Environmental Bethpage Public Library Carlo San Giovanni, Arcadis David E. Stern, Arcadis Mike Wolfert, Arcadis File, Arcadis

TABLES





Location ID:	GM-21D2	GM-21D2	GM-33D2	GM-75D2	WELL 1	WELL 3R
Sample ID:	GM-21D2_	REP031119CD1	GM-33D2_	GM-75D2_	WELL 1_	WELL 3R_
Constituents	201900311		201900313	201900313	201900313	201900313
(units in µg/L) Date Sampled:	3/11/2019	3/11/2019	3/13/2019	3/13/2019	3/13/2019	3/13/2019
Volatile Organic Compounds ⁽¹⁾						
1,1,1-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	0.50
1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	0.72 J	1.4
1,1-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	2.3	3.3
1,2-Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.0	4.5	< 1.0
2-Butanone (MEK)	< 10	< 10	< 10	< 10	< 10	< 10
2-Hexanone	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone(MIBK)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Acetone	< 10	< 10	< 10	< 10	< 10	< 10
Benzene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromodichloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	< 2.0	< 2.0	< 2.0J	< 2.0J	< 2.0	< 2.0
Carbon disulfide	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Carbon tetrachloride	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
CFC-11						
CFC-12						
Chlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	< 1.0	< 1.0	< 1.0	< 1.0	0.48 J	< 0.50
Chloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	5.7	3.6
cis-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Freon 113	< 5.0	< 5.0	2.9 J	< 5.0	2.1	1.6
m,p-Xylene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert Butyl Ether						
Methylene chloride	< 2.0	< 2.0	< 2.0	< 2.0	< 0.50	< 0.50
o-Xylene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	1.0	1.0	1.1	< 1.0	16.6	23.6
Toluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	< 0.50
trans-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	8.5	8.3	11.9	20.4	561	304
Vinyl chloride	< 1.0	< 1.0	< 1.0	< 1.0	< 0.50	1.5
Total VOCs ⁽²⁾	10	9.0	16	20	590	340
Total TICs	0	0	0	0	0	0
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Location	D: 96 EFFLUENT	WELL 1	WELL 3R	96 EFFLUENT
Sample	D: T96 EFFLUENT (GW)_20190313	WELL 1_ 201900402	WELL 3R_ 201900402	T96 EFFLUENT (GW)_20190402
Constituents				
(units in µg/L) Date Sample	a: 3/13/2019	4/2/2019	4/2/2019	4/2/2019
Volatile Organic Compounds ⁽¹⁾				
1,1,1-Trichloroethane	< 0.50	< 0.50	0.62	< 0.50
1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	< 1.0	0.81 J	1.6	< 1.0
1,1-Dichloroethene	< 0.50	2.6	4.0	< 0.50
1,2-Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	< 1.0	5.0	< 1.0	< 1.0
2-Butanone (MEK)	< 10	< 10	< 10	< 10
2-Hexanone	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone(MIBK)	< 5.0	< 5.0	< 5.0	< 5.0
Acetone	< 10	< 10	< 10	< 10
Benzene	< 0.50	< 0.50	< 0.50	< 0.50
Bromodichloromethane	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	< 2.0	< 2.0	< 2.0	< 2.0
Carbon disulfide	< 2.0	< 2.0	< 2.0	< 2.0
Carbon tetrachloride	< 1.0	< 1.0	< 1.0	< 1.0
CFC-11				
CFC-12				
Chlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	< 0.50	0.51	< 0.50	< 0.50
Chloromethane	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	< 0.50	6.1	4.0	< 0.50
cis-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0
Freon 113	< 0.50	2.9	2.8	< 0.50
m,p-Xylene	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert Butyl Ether				
Methylene chloride	< 0.50	< 0.50	< 0.50	< 0.50
o-Xylene	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	< 0.50	17.4	27	< 0.50
Toluene	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	< 0.50	< 0.50	< 0.50	< 0.50
trans-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	< 0.50	544	317	< 0.50
Vinyl chloride	< 0.50	< 0.50	1.7	< 0.50
Total VOCs ⁽²⁾	0	< 0.50 580	360	0
Total TICs	0	0	0	0
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Location ID	DISCHARGE ^(3,4)	WELL 1	WELL 3R	96 EFFLUENT
Sample ID Constituents	DISCHARGE_052819	WELL 1_ 20190531	WELL 3R_ 20190531	T96 EFFLUENT (GW)_20190531
(units in μ g/L) Date Sampled	5/28/2019	5/31/2019	5/31/2019	5/31/2019
Volatile Organic Compounds ⁽¹⁾		0/01/2010	0/01/2010	0/0/1/2010
1,1,1-Trichloroethane	< 1.0	< 0.50	< 0.50	< 0.50
1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	< 1.0	0.67 J	1.3	< 1.0
1,1-Dichloroethene	< 1.0	2.3	3.7	< 0.50
1.2-Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	< 1.0	4.6	< 1.0	< 1.0
2-Butanone (MEK)	< 5.0	< 10	< 10	< 10
2-Hexanone	< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone(MIBK)				
Acetone	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	< 5.0	< 10	< 10	< 10
Bromodichloromethane	< 1.0	< 0.50	< 0.50	< 0.50
Bromoform	< 1.0	< 1.0	< 1.0	< 1.0
	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	< 1.0	< 2.0	< 2.0	< 2.0
Carbon disulfide	< 1.0	< 2.0	< 2.0	< 2.0
Carbon tetrachloride	< 1.0	< 1.0	< 1.0	< 1.0
CFC-11	< 2.0			
CFC-12	< 2.0			
Chlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	< 1.0	< 0.50	< 0.50	< 0.50
Chloromethane	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene	< 1.0	5.5	3.7	< 0.50
cis-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0
Freon 113	< 2.0	2.9	2.4	< 0.50
m,p-Xylene	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert Butyl Ether	< 1.0			
Methylene chloride	< 1.0	< 0.50	< 0.50	< 0.50
o-Xylene	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	< 2.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene	< 1.0	18.7	30.1	< 0.50
Toluene	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene	< 1.0	< 0.50	< 0.50	< 0.50
trans-1,3-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	1.3	570	311	0.55
Vinyl chloride	< 1.0	< 0.50	1.3	< 0.50
Total VOCs ⁽²⁾	1.0	600	350	1.0
Total TICs		0	0	0
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Lo	cation ID:	QAQC	QAQC	QAQC	QAQC
s	ample ID:	TB031119DC1	FB031119DC1	FB031319DC1	TB031319DC1
Constituents					
	Sampled:	3/11/2019	3/11/2019	3/13/2019	3/13/2019
Volatile Organic Compounds ⁽¹⁾					
1,1,1-Trichloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)		< 10	< 10	< 10	< 10
2-Hexanone		< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone(MIBK)		< 5.0	< 5.0	< 5.0	< 5.0
Acetone		< 10	< 10	< 10	< 10
Benzene		< 0.50	< 0.50	< 0.50	< 0.50
Bromodichloromethane		< 1.0	< 1.0	< 1.0	< 1.0
Bromoform		< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		< 2.0	< 2.0	< 2.0	< 2.0
Carbon disulfide		< 2.0	< 2.0	< 2.0	< 2.0
Carbon tetrachloride		< 1.0	< 1.0	< 1.0	< 1.0
CFC-11					
CFC-12					
Chlorobenzene		< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane		< 1.0	< 1.0	< 1.0	< 1.0
Chloroform		< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene		< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene		< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane		< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		< 1.0	< 1.0	< 1.0	< 1.0
Freon 113		< 5.0	< 5.0	< 5.0	< 5.0
m,p-Xylene		< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert Butyl Ether					
Methylene chloride		< 2.0	< 2.0	< 2.0	< 2.0
o-Xylene		< 1.0	< 1.0	< 1.0	< 1.0
Styrene		< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene		< 1.0	< 1.0	< 1.0	< 1.0
Toluene		< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene		< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene		< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene		< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride		< 1.0	< 1.0	< 1.0	< 1.0
Total VOCs ⁽²⁾		0	0	0	0
Total TICs		0	0	0	0
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	Location ID:	QAQC	QAQC	QAQC	QAQC
	Sample ID:	TB-031319-RM-1	TB-040219-SC-1	TB052819RM2	TB-0531119-MG-1
Constituents					
(units in µg/L)	Date Sampled:	3/13/2019	4/2/2019	5/28/2019	5/31/2019
Volatile Organic Compounds ⁽¹⁾					
1,1,1-Trichloroethane		< 0.50	< 0.50	< 1.0	< 0.50
1,1,2,2-Tetrachloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,1,2-Trichloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		< 0.50	< 0.50	< 1.0	< 0.50
1,2-Dichloroethane		< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		< 1.0	< 1.0	< 1.0	< 1.0
2-Butanone (MEK)		< 10	< 10	< 5.0	< 10
2-Hexanone		< 5.0	< 5.0	< 5.0	< 5.0
4-Methyl-2-pentanone(MIBK)		< 5.0	< 5.0	< 5.0	< 5.0
Acetone		< 10	< 10	< 5.0	< 10
Benzene		< 0.50	< 0.50	< 1.0	< 0.50
Bromodichloromethane		< 1.0	< 1.0	< 1.0	< 1.0
Bromoform		< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		< 2.0	< 2.0	< 1.0	< 2.0
Carbon disulfide		< 2.0	< 2.0	< 1.0	< 2.0
Carbon tetrachloride		< 1.0	< 1.0	< 1.0	< 1.0
CFC-11				< 2.0	
CFC-12				< 2.0	
Chlorobenzene		< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane		< 1.0	< 1.0	< 1.0	< 1.0
Chloroform		< 0.50	< 0.50	< 1.0	< 0.50
Chloromethane		< 1.0	< 1.0	< 1.0	< 1.0
cis-1,2-Dichloroethene		< 0.50	< 0.50	< 1.0	< 0.50
cis-1,3-Dichloropropene		< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane		< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		< 1.0	< 1.0	< 1.0	< 1.0
Freon 113		< 0.50	< 0.50	< 2.0	< 0.50
m,p-Xylene		< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert Butyl Ether				< 1.0	
Methylene chloride		< 0.50	< 0.50	< 1.0	< 0.50
o-Xylene		< 1.0	< 1.0	< 1.0	< 1.0
Styrene		< 1.0	< 1.0	< 2.0	< 1.0
Tetrachloroethene		< 0.50	< 0.50	< 1.0	< 0.50
Toluene		< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-Dichloroethene		< 0.50	< 0.50	< 1.0	< 0.50
trans-1,3-Dichloropropene		< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene		< 0.50	< 0.50	< 1.0	< 0.50
Vinyl chloride		< 0.50	< 0.50	< 1.0	< 0.50
Total VOCs ⁽²⁾		0	0	0	0
Total TICs		0	0		15.1 J
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Notes and Abbreviations:

(1) Sample analysis by VOC Method 8260C unless otherwise noted.

(2) Results rounded to two significant figures.

(3) The sample is collected from purge water discharged as part of the First Quarter 2019 sampling event.

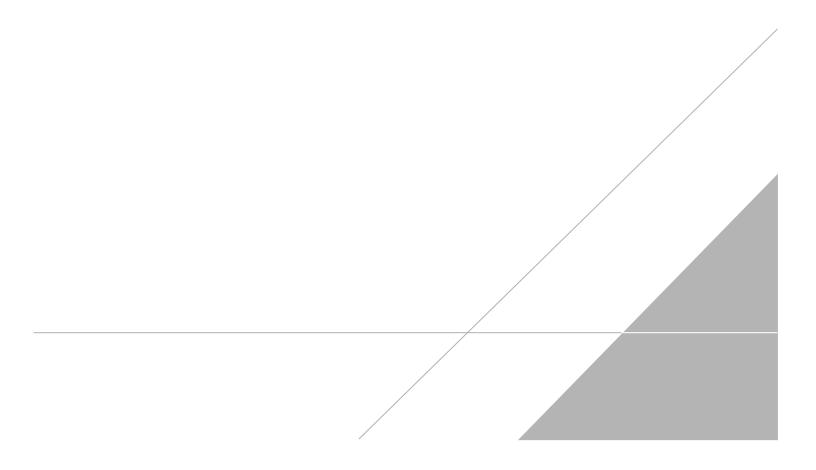
(4) Purge water discharge sample analysis by VOC Method 624.1.

Results validated following protocols specified in OU2 Groundwater Monitoring Plan (ARCADIS 2016),

or as received as final from the laboratory as of the end of the AOC reporting period.

	Not analyzed
<1.0	Constituent not detected above its laboratory quantification limit.
4.5	Bold value indicates a detection
µg/L	Micrograms per liter
J	Value is estimated concentration
FB	Field Blank
OU2	Operable Unit 2
QAQC	Quality Assurance/Quality Control sample
REP	Blind duplicate sample
ТВ	Trip Blank
Total TICs	Sum of individual Tentatively Identified Compounds - values are not calibrated
VOC	Volatile Organic Compound

FIGURES



CITY:(Reqd) DIV/GROUP:(Reqd) DB:(Reqd) DB:(Reqd) LD:(Opt) PM:(Reqd) TM:(Opt) LYR:(Opt)ON=*,OFF=*REF* C:\BIM/OneDrive - ARCADIS\BIM 360 Docs\NORTHROP GRUMMANIOU2 ONCT OM&M PROGRAM\2019\01-DWGNGC-ONCT-ONSITE-GW-REMEDY.dwg LAYOUT: 1 SAVED: 3/26/2019 5:14 PM ACADVER: 23.0S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 3/26/2019 5:17 PM BY: SANCHEZ, ADRIAN

