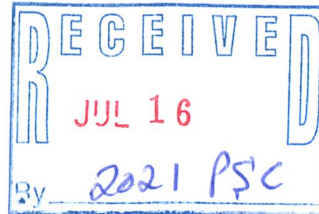




Wisconsin Public Service Corporation

700 North Adams Street
P.O. Box 19001
Green Bay, WI 54307-9001

www.wisconsinpublicservice.com



July 12, 2021

Mr. Scott Isaacs
Sheboygan City Hall
828 Center Ave #204
Sheboygan, Wisconsin 53081

**RE: Recent Sampling Results Sheboygan Campmarina Former Manufactured Gas Plant
732 North Water Street, Sheboygan, Wisconsin, 53081 WDNR BRRTS# 02-60-000095**

Dear Mr. Isaacs:

WEC Business Services, LLC (WBS), managing the Wisconsin Public Service Corporation (WPSC) former manufactured gas plant site at 732 North Water Street is providing sample results of groundwater samples collected from locations MW701R, MW706, MW707R, MW708, MW709R, PZ701, PZ702, and PZ703 in June 2021 as part of routine, semi-annual monitoring. Wisconsin Administrative Code Chapter NR716.14 requires responsible parties (WPSC for the above-mentioned site) to report sampling results to the property owner, and occupant, as applicable.

Results of the sampling are summarized in the attached. This includes a summary table of the results compared to State guidance values. Copies of the associated laboratory reports and figures showing the locations of samples collected on your property are also included. The results are presented to the USEPA in monthly progress reports.

We appreciate your cooperation as sampling progresses. If you need additional information, please contact John Feeney from the WDNR at (920) 893-8523 or myself at (414) 221-2577.

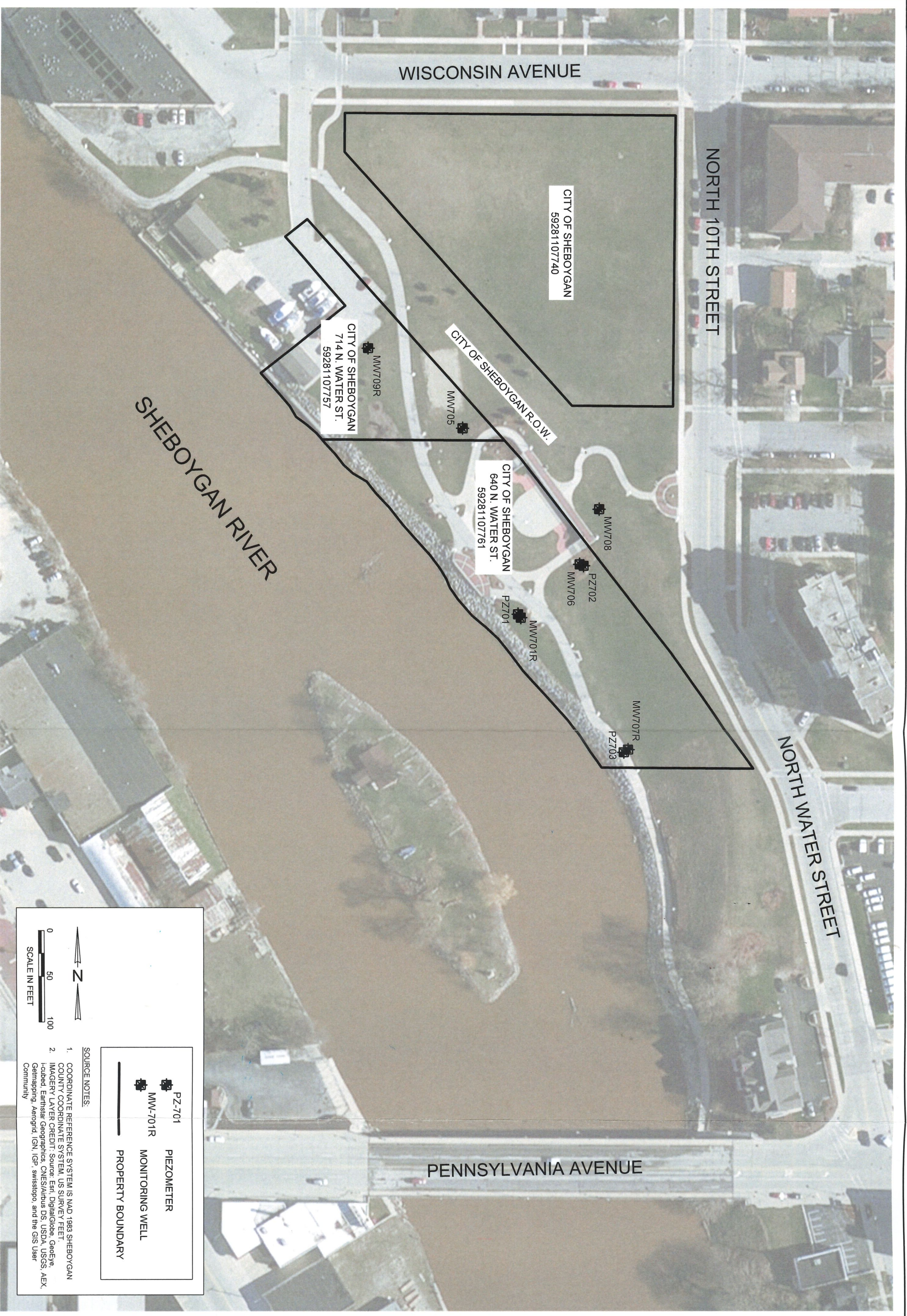
Sincerely,

A handwritten signature in black ink that reads 'Glenn R. Luke'.

Glenn R. Luke, PE
Principal Environmental Consultant

Enc: Figure 1. City of Sheboygan
Table 1. June 2021 Groundwater Analytical Results for the City of Sheboygan
Laboratory Report 40228430_frc

CC: USEPA RPM – Ms. Jena Sleboda Braun
WDNR PM – Mr. John Feeney



SCALE IN FEET

0 50 100

LEGEND

- PZ-701 PIEZOMETER
- MW-701R MONITORING WELL
- PROPERTY BOUNDARY

SOURCE NOTES:

- COORDINATE REFERENCE SYSTEM IS NAD 1983 SHEBOYGAN COUNTY COORDINATE SYSTEM, US SURVEY FEET.
- IMAGERY LAYER CREDIT: Source: Esri, DigitalGlobe, GeoEye, i-lubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aergrid, IGN, IGP, swisstopo, and the GIS User Community

	<p>CITY OF SHEBOYGAN</p> <p>RECENT SAMPLING RESULTS FORMER CAMPMARINA MANUFACTURED GAS PLANT WISCONSIN PUBLIC SERVICE CORPORATION SHEBOYGAN, WISCONSIN BRRTS# 02-60-000095</p>	DRAWN BY: DMD DATE: 04/08/16
		CHECKED BY: ANS DATE: 05/18/16
PROJECT NO. 67971	APPROVED BY: KRM DATE: 05/18/16	DRAWING NO: Fig 1_City of Stevens Point
FIGURE NO. 1	REFERENCE: .	

Table 1. June 2021 Groundwater Analytical Results for the City of Sheboygan

June 2021 Third Party Notification
 Wisconsin Public Service Corporation
 Former Manufactured Gas Plant Site - Campmarina
 732 Water Street, Sheboygan, Wisconsin
 BRRTS#: 026000095 | FID#: 460134950 | USEPA#: WIN000510058

9-digit Code	Sample Location	Sample Date	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	PAH	BTEX	BTEX	BTEX	BTEX	Inorganic	Inorganic	Organic	
			1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	Benzene	Ethylbenzene	Toluene	Xylenes, Total	Nitrogen, NO2 + NO3, Total	Sulfate, Total	Methane
Reporting Units:			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
			Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
WI Groundwater PAL:			NS	NS	NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	10	NS	50	0.5	140	160	400	2,000	125,000	NS
WI Groundwater ES:			NS	NS	NS	NS	3,000	NS	0.2	0.2	NS	NS	0.2	NS	400	400	NS	100	NS	250	5	700	800	2,000	10,000	250,000	NS
061421005	MW-701R	06/14/2021	126	107	85.1	1.0 J	7.3 J	1.5 U	2.1 U	1.1 U	1.4 U	1.5 U	2.6 U	2.0 U	3.6 J	18.9	3.5 U	802	35.8	4.3 J	3,440	335	15.4 J	189	59 U	2,200 U	6,390
061421006	MW-701R-DUP	06/14/2021	147	124	98.3	1.1 J	10.9	1.4 U	2.0 U	1.1 U	1.3 U	1.4 U	2.4 U	1.9 U	3.5 J	19.4	3.3 U	902	36.6	4.4 J	3,000	283	13.8 J	161	59 U	2,200 U	7,450
061421009	MW-706	06/14/2021	249	101	22.1	123	4.4 U	3.1 U	4.4 U	2.4 U	2.8 U	3.1 U	5.4 U	4.2 U	4.4 U	27.9	7.4 U	1,790	22.6 J	3.2 U	2,680	343	735	467	59 U	35,400	1.7 J
061421003	MW-707R	06/14/2021	133	0.18 U	34.6	1.2	3.7	0.28 U	0.40 U	0.22 U	0.26 U	0.28 U	0.49 U	0.38 U	1.8 J	16.0	0.67 U	155	18.6	1.8	1,630	2,270	21.7	502	59 U	26,300	5,770
061421002	MW-708	06/14/2021	0.0058 U	0.0048 U	0.0060 U	0.0049 U	0.010 U	0.0074 U	0.010 U	0.0056 U	0.0066 U	0.0074 U	0.013 U	0.0098 U	0.010 U	0.0078 U	0.017 U	0.018 U	0.014 U	0.0075 U	0.30 U	0.33 U	0.29 U	1.0 U	59 U	86,900	0.84 J
061421001	MW-709R	06/14/2021	0.0060 U	0.0055 J	0.0061 U	0.0050 U	0.011 U	0.0076 U	0.011 U	0.0058 U	0.0068 U	0.0076 U	0.013 U	0.010 U	0.011 U	0.0081 U	0.018 U	0.023 J	0.014 U	0.0077 U	0.30 U	0.33 U	0.29 U	1.1 J	59 U	7,200	1,930
061421007	PZ-701	06/14/2021	0.055	0.050	0.034	0.0071 J	0.010 U	0.0075 J	0.010 U	0.0056 U	0.0066 U	0.0074 U	0.013 U	0.0098 U	0.010 U	0.0078 U	0.017 U	0.32	0.020 J	0.0080 J	0.30 U	0.33 U	0.29 U	1.0 U	310	83,600	0.58 U
061421008	PZ-702	06/14/2021	0.017 J	0.013 J	0.0074 J	0.0048 U	0.010 U	0.0073 U	0.010 U	0.0056 U	0.0066 U	0.0073 U	0.013 U	0.0097 U	0.010 U	0.0077 U	0.017 U	0.054 J	0.013 U	0.0087 J	0.30 U	0.33 U	0.29 U	1.0 U	59 U	1,500 J	5.9
061421004	PZ-703	06/14/2021	0.039	0.013 J	0.024 J	0.063	0.010 U	0.0073 U	0.010 U	0.0056 U	0.0066 U	0.0073 U	0.013 U	0.0097 U	0.010 U	0.052	0.017 U	0.072 J	0.013 J	0.0074 U	316	185	9.6	68.4	59 U	620 J	1,100

[O: LDH 7/7/21, C:CMD 7/8/21, QC: AGC 7/9/21]

Underline attains or exceeds the WI Groundwater PAL
Bold attains or exceeds the WI Groundwater ES

Acronyms:
 ug/L = micrograms per liter
 BRRTS = Bureau for Remediation and Redevelopment Tracking System
 BTEX = Benzene, Toluene, Ethylbenzene and Xylene
 Dup = Quality Control Field Duplicate Sample
 ES = Enforcement Standard
 FID = facility identification number
 NO2 + NO3 = nitrite plus nitrate
 NS = A groundwater quality standard has not been established.
 PAH = Polycyclic Aromatic Hydrocarbon
 PAL = Preventive Action Limit
 USEPA = United States Environmental Protection Agency site identification number

Standards:
 PAL and ES from WI Administrative Code NR 140 groundwater quality standard revised effective January 2020.
 Lab comments, additional data qualifiers and definitions can be found in associated laboratory reports.

Results & Flags:
 -- = Analysis not performed
 J = Estimated Concentration
 U = Concentration was not detected above the reported limit



Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

June 28, 2021

Andrew Cawrse
Ramboll Americas
234 W Florida St
Milwaukee, WI 53204

RE: Project: CAMP MARINA
Pace Project No.: 40228430

Dear Andrew Cawrse:

Enclosed are the analytical results for sample(s) received by the laboratory on June 15, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
• Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian Basten
brian.basten@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: NRT Data, Ramboll
Steve Wiskes, Ramboll



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CAMP MARINA
Pace Project No.: 40228430

Pace Analytical Services Green Bay

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150

Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

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SAMPLE SUMMARY

Project: CAMP MARINA
Pace Project No.: 40228430

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40228430001	061421001	Water	06/14/21 09:06	06/15/21 08:20
40228430002	061421002	Water	06/14/21 10:02	06/15/21 08:20
40228430003	061421003	Water	06/14/21 10:59	06/15/21 08:20
40228430004	061421004	Water	06/14/21 11:33	06/15/21 08:20
40228430005	061421005	Water	06/14/21 12:16	06/15/21 08:20
40228430006	061421006	Water	06/14/21 12:21	06/15/21 08:20
40228430007	061421007	Water	06/14/21 12:54	06/15/21 08:20
40228430008	061421008	Water	06/14/21 13:47	06/15/21 08:20
40228430009	061421009	Water	06/14/21 14:43	06/15/21 08:20
40228430010	061421010	Water	06/14/21 15:00	06/15/21 08:20
40228430011	061421011	Water	06/14/21 00:00	06/15/21 08:20

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SAMPLE ANALYTE COUNT

Project: CAMP MARINA
Pace Project No.: 40228430

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40228430001	061421001	EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20
		EPA 8260	SMT	7
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40228430002	061421002	EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20
		EPA 8260	SMT	7
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40228430003	061421003	EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20
		EPA 8260	SMT	7
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40228430004	061421004	EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20
		EPA 8260	SMT	7
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40228430005	061421005	EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20
		EPA 8260	SMT	7
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40228430006	061421006	EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20
		EPA 8260	SMT	7
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40228430007	061421007	EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20
		EPA 8260	SMT	7
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
40228430008	061421008	EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: CAMP MARINA
 Pace Project No.: 40228430

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40228430009	061421009	EPA 8260	SMT	7
		EPA 300.0	HMB	1
		EPA 353.2	DAW	1
		EPA 8015B Modified	ALD	1
		EPA 8270E by SIM	JJB	20
		EPA 8260	SMT	7
		EPA 300.0	HMB	1
40228430010	061421010	EPA 353.2	DAW	1
		EPA 8260	SMT	7
40228430011	061421011	EPA 8015B Modified	ALD	1
		EPA 8260	SMT	7

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CAMP MARINA
 Pace Project No.: 40228430

Sample: 061421001 Lab ID: 40228430001 Collected: 06/14/21 09:06 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	1930	ug/L	28.0	5.8	10		06/25/21 12:36	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.0061	ug/L	0.031	0.0061	1	06/16/21 09:06	06/17/21 12:41	83-32-9	
Acenaphthylene	<0.0050	ug/L	0.025	0.0050	1	06/16/21 09:06	06/17/21 12:41	208-96-8	
Anthracene	<0.011	ug/L	0.053	0.011	1	06/16/21 09:06	06/17/21 12:41	120-12-7	
Benzo(a)anthracene	<0.0076	ug/L	0.038	0.0076	1	06/16/21 09:06	06/17/21 12:41	56-55-3	
Benzo(a)pyrene	<0.011	ug/L	0.053	0.011	1	06/16/21 09:06	06/17/21 12:41	50-32-8	
Benzo(b)fluoranthene	<0.0058	ug/L	0.029	0.0058	1	06/16/21 09:06	06/17/21 12:41	205-99-2	
Benzo(g,h,i)perylene	<0.0068	ug/L	0.034	0.0068	1	06/16/21 09:06	06/17/21 12:41	191-24-2	
Benzo(k)fluoranthene	<0.0076	ug/L	0.038	0.0076	1	06/16/21 09:06	06/17/21 12:41	207-08-9	
Chrysene	<0.013	ug/L	0.066	0.013	1	06/16/21 09:06	06/17/21 12:41	218-01-9	
Dibenz(a,h)anthracene	<0.010	ug/L	0.051	0.010	1	06/16/21 09:06	06/17/21 12:41	53-70-3	L1
Fluoranthene	<0.011	ug/L	0.054	0.011	1	06/16/21 09:06	06/17/21 12:41	206-44-0	
Fluorene	<0.0081	ug/L	0.040	0.0081	1	06/16/21 09:06	06/17/21 12:41	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.018	ug/L	0.089	0.018	1	06/16/21 09:06	06/17/21 12:41	193-39-5	
1-Methylnaphthalene	<0.0060	ug/L	0.030	0.0060	1	06/16/21 09:06	06/17/21 12:41	90-12-0	
2-Methylnaphthalene	0.0055J	ug/L	0.025	0.0049	1	06/16/21 09:06	06/17/21 12:41	91-57-6	
Naphthalene	0.023J	ug/L	0.093	0.019	1	06/16/21 09:06	06/17/21 12:41	91-20-3	
Phenanthrene	<0.014	ug/L	0.070	0.014	1	06/16/21 09:06	06/17/21 12:41	85-01-8	
Pyrene	<0.0077	ug/L	0.039	0.0077	1	06/16/21 09:06	06/17/21 12:41	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	39-120		1	06/16/21 09:06	06/17/21 12:41	321-60-8	
Terphenyl-d14 (S)	76	%	10-159		1	06/16/21 09:06	06/17/21 12:41	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		06/17/21 14:25	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		06/17/21 14:25	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		06/17/21 14:25	108-88-3	
Xylene (Total)	1.1J	ug/L	3.0	1.0	1		06/17/21 14:25	1330-20-7	
Surrogates									
Toluene-d8 (S)	101	%	70-130		1		06/17/21 14:25	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		06/17/21 14:25	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		06/17/21 14:25	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	7.2	mg/L	2.0	0.44	1		06/22/21 15:37	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		06/17/21 08:34		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CAMP MARINA
 Pace Project No.: 40228430

Sample: 061421002 Lab ID: 40228430002 Collected: 06/14/21 10:02 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	0.84J	ug/L	2.8	0.58	1		06/25/21 10:45	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	<0.0060	ug/L	0.030	0.0060	1	06/16/21 09:06	06/17/21 07:47	83-32-9	
Acenaphthylene	<0.0049	ug/L	0.024	0.0049	1	06/16/21 09:06	06/17/21 07:47	208-96-8	
Anthracene	<0.010	ug/L	0.051	0.010	1	06/16/21 09:06	06/17/21 07:47	120-12-7	
Benzo(a)anthracene	<0.0074	ug/L	0.037	0.0074	1	06/16/21 09:06	06/17/21 07:47	56-55-3	
Benzo(a)pyrene	<0.010	ug/L	0.052	0.010	1	06/16/21 09:06	06/17/21 07:47	50-32-8	R1
Benzo(b)fluoranthene	<0.0056	ug/L	0.028	0.0056	1	06/16/21 09:06	06/17/21 07:47	205-99-2	R1
Benzo(g,h,i)perylene	<0.0066	ug/L	0.033	0.0066	1	06/16/21 09:06	06/17/21 07:47	191-24-2	R1
Benzo(k)fluoranthene	<0.0074	ug/L	0.037	0.0074	1	06/16/21 09:06	06/17/21 07:47	207-08-9	
Chrysene	<0.013	ug/L	0.064	0.013	1	06/16/21 09:06	06/17/21 07:47	218-01-9	
Dibenz(a,h)anthracene	<0.0098	ug/L	0.049	0.0098	1	06/16/21 09:06	06/17/21 07:47	53-70-3	L1
Fluoranthene	<0.010	ug/L	0.052	0.010	1	06/16/21 09:06	06/17/21 07:47	206-44-0	
Fluorene	<0.0078	ug/L	0.039	0.0078	1	06/16/21 09:06	06/17/21 07:47	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.086	0.017	1	06/16/21 09:06	06/17/21 07:47	193-39-5	R1
1-Methylnaphthalene	<0.0058	ug/L	0.029	0.0058	1	06/16/21 09:06	06/17/21 07:47	90-12-0	
2-Methylnaphthalene	<0.0048	ug/L	0.024	0.0048	1	06/16/21 09:06	06/17/21 07:47	91-57-6	
Naphthalene	<0.018	ug/L	0.090	0.018	1	06/16/21 09:06	06/17/21 07:47	91-20-3	
Phenanthrene	<0.014	ug/L	0.068	0.014	1	06/16/21 09:06	06/17/21 07:47	85-01-8	
Pyrene	<0.0075	ug/L	0.038	0.0075	1	06/16/21 09:06	06/17/21 07:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	51	%	39-120		1	06/16/21 09:06	06/17/21 07:47	321-60-8	
Terphenyl-d14 (S)	49	%	10-159		1	06/16/21 09:06	06/17/21 07:47	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		06/17/21 11:56	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		06/17/21 11:56	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		06/17/21 11:56	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		06/17/21 11:56	1330-20-7	
Surrogates									
Toluene-d8 (S)	97	%	70-130		1		06/17/21 11:56	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		06/17/21 11:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		06/17/21 11:56	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	86.9	mg/L	10.0	2.2	5		06/22/21 15:52	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		06/17/21 08:32		

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ANALYTICAL RESULTS

Project: CAMP MARINA
Pace Project No.: 40228430

Sample: 061421003 Lab ID: 40228430003 Collected: 06/14/21 10:59 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	5770	ug/L	140	28.8	50		06/25/21 12:43	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	34.6	ug/L	1.1	0.23	40	06/16/21 09:06	06/17/21 12:59	83-32-9	
Acenaphthylene	1.2	ug/L	0.94	0.19	40	06/16/21 09:06	06/17/21 12:59	208-96-8	
Anthracene	3.7	ug/L	2.0	0.39	40	06/16/21 09:06	06/17/21 12:59	120-12-7	
Benzo(a)anthracene	<0.28	ug/L	1.4	0.28	40	06/16/21 09:06	06/17/21 12:59	56-55-3	
Benzo(a)pyrene	<0.40	ug/L	2.0	0.40	40	06/16/21 09:06	06/17/21 12:59	50-32-8	
Benzo(b)fluoranthene	<0.22	ug/L	1.1	0.22	40	06/16/21 09:06	06/17/21 12:59	205-99-2	
Benzo(g,h,i)perylene	<0.26	ug/L	1.3	0.26	40	06/16/21 09:06	06/17/21 12:59	191-24-2	
Benzo(k)fluoranthene	<0.28	ug/L	1.4	0.28	40	06/16/21 09:06	06/17/21 12:59	207-08-9	
Chrysene	<0.49	ug/L	2.5	0.49	40	06/16/21 09:06	06/17/21 12:59	218-01-9	
Dibenz(a,h)anthracene	<0.38	ug/L	1.9	0.38	40	06/16/21 09:06	06/17/21 12:59	53-70-3	L1
Fluoranthene	1.8J	ug/L	2.0	0.40	40	06/16/21 09:06	06/17/21 12:59	206-44-0	
Fluorene	16.0	ug/L	1.5	0.30	40	06/16/21 09:06	06/17/21 12:59	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.67	ug/L	3.3	0.67	40	06/16/21 09:06	06/17/21 12:59	193-39-5	
1-Methylnaphthalene	133	ug/L	1.1	0.22	40	06/16/21 09:06	06/17/21 12:59	90-12-0	
2-Methylnaphthalene	<0.18	ug/L	0.92	0.18	40	06/16/21 09:06	06/17/21 12:59	91-57-6	
Naphthalene	155	ug/L	3.5	0.69	40	06/16/21 09:06	06/17/21 12:59	91-20-3	
Phenanthrene	18.6	ug/L	2.6	0.52	40	06/16/21 09:06	06/17/21 12:59	85-01-8	
Pyrene	1.8	ug/L	1.4	0.29	40	06/16/21 09:06	06/17/21 12:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	0	%	39-120		40	06/16/21 09:06	06/17/21 12:59	321-60-8	S4
Terphenyl-d14 (S)	0	%	10-159		40	06/16/21 09:06	06/17/21 12:59	1718-51-0	S4
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	1630	ug/L	10.0	3.0	10		06/17/21 17:13	71-43-2	
Ethylbenzene	2270	ug/L	10.0	3.3	10		06/17/21 17:13	100-41-4	
Toluene	21.7	ug/L	10.0	2.9	10		06/17/21 17:13	108-88-3	
Xylene (Total)	502	ug/L	30.0	10.5	10		06/17/21 17:13	1330-20-7	
Surrogates									
Toluene-d8 (S)	98	%	70-130		10		06/17/21 17:13	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		10		06/17/21 17:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		10		06/17/21 17:13	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	26.3	mg/L	2.0	0.44	1		06/22/21 17:22	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		06/17/21 08:35		

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ANALYTICAL RESULTS

Project: CAMP MARINA
 Pace Project No.: 40228430

Sample: 061421004 Lab ID: 40228430004 Collected: 06/14/21 11:33 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	1100	ug/L	28.0	5.8	10		06/25/21 12:50	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.024J	ug/L	0.029	0.0059	1	06/16/21 09:06	06/17/21 13:18	83-32-9	
Acenaphthylene	0.063	ug/L	0.024	0.0048	1	06/16/21 09:06	06/17/21 13:18	208-96-8	
Anthracene	<0.010	ug/L	0.051	0.010	1	06/16/21 09:06	06/17/21 13:18	120-12-7	
Benzo(a)anthracene	<0.0073	ug/L	0.037	0.0073	1	06/16/21 09:06	06/17/21 13:18	56-55-3	
Benzo(a)pyrene	<0.010	ug/L	0.051	0.010	1	06/16/21 09:06	06/17/21 13:18	50-32-8	
Benzo(b)fluoranthene	<0.0056	ug/L	0.028	0.0056	1	06/16/21 09:06	06/17/21 13:18	205-99-2	
Benzo(g,h,i)perylene	<0.0066	ug/L	0.033	0.0066	1	06/16/21 09:06	06/17/21 13:18	191-24-2	
Benzo(k)fluoranthene	<0.0073	ug/L	0.037	0.0073	1	06/16/21 09:06	06/17/21 13:18	207-08-9	
Chrysene	<0.013	ug/L	0.063	0.013	1	06/16/21 09:06	06/17/21 13:18	218-01-9	
Dibenz(a,h)anthracene	<0.0097	ug/L	0.049	0.0097	1	06/16/21 09:06	06/17/21 13:18	53-70-3	L1
Fluoranthene	<0.010	ug/L	0.052	0.010	1	06/16/21 09:06	06/17/21 13:18	206-44-0	
Fluorene	0.052	ug/L	0.039	0.0077	1	06/16/21 09:06	06/17/21 13:18	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.086	0.017	1	06/16/21 09:06	06/17/21 13:18	193-39-5	
1-Methylnaphthalene	0.039	ug/L	0.029	0.0057	1	06/16/21 09:06	06/17/21 13:18	90-12-0	
2-Methylnaphthalene	0.013J	ug/L	0.024	0.0048	1	06/16/21 09:06	06/17/21 13:18	91-57-6	
Naphthalene	0.072J	ug/L	0.089	0.018	1	06/16/21 09:06	06/17/21 13:18	91-20-3	
Phenanthrene	0.013J	ug/L	0.067	0.013	1	06/16/21 09:06	06/17/21 13:18	85-01-8	
Pyrene	<0.0074	ug/L	0.037	0.0074	1	06/16/21 09:06	06/17/21 13:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	39-120		1	06/16/21 09:06	06/17/21 13:18	321-60-8	
Terphenyl-d14 (S)	69	%	10-159		1	06/16/21 09:06	06/17/21 13:18	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	316	ug/L	2.5	0.74	2.5		06/17/21 20:31	71-43-2	
Ethylbenzene	185	ug/L	2.5	0.81	2.5		06/17/21 20:31	100-41-4	
Toluene	9.6	ug/L	2.5	0.72	2.5		06/17/21 20:31	108-88-3	
Xylene (Total)	68.4	ug/L	7.5	2.6	2.5		06/17/21 20:31	1330-20-7	
Surrogates									
Toluene-d8 (S)	105	%	70-130		2.5		06/17/21 20:31	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		2.5		06/17/21 20:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		2.5		06/17/21 20:31	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	0.62J	mg/L	2.0	0.44	1		06/22/21 17:36	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		06/17/21 08:36		

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ANALYTICAL RESULTS

Project: CAMP MARINA
Pace Project No.: 40228430

Sample: 061421005 Lab ID: 40228430005 Collected: 06/14/21 12:16 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	6390	ug/L	140	28.8	50		06/25/21 12:56	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	85.1	ug/L	6.1	1.2	200	06/16/21 09:06	06/17/21 13:54	83-32-9	
Acenaphthylene	1.0J	ug/L	5.0	1.0	200	06/16/21 09:06	06/17/21 13:54	208-96-8	
Anthracene	7.3J	ug/L	10.4	2.1	200	06/16/21 09:06	06/17/21 13:54	120-12-7	
Benzo(a)anthracene	<1.5	ug/L	7.6	1.5	200	06/16/21 09:06	06/17/21 13:54	56-55-3	
Benzo(a)pyrene	<2.1	ug/L	10.5	2.1	200	06/16/21 09:06	06/17/21 13:54	50-32-8	
Benzo(b)fluoranthene	<1.1	ug/L	5.7	1.1	200	06/16/21 09:06	06/17/21 13:54	205-99-2	
Benzo(g,h,i)perylene	<1.4	ug/L	6.8	1.4	200	06/16/21 09:06	06/17/21 13:54	191-24-2	
Benzo(k)fluoranthene	<1.5	ug/L	7.5	1.5	200	06/16/21 09:06	06/17/21 13:54	207-08-9	
Chrysene	<2.6	ug/L	13.0	2.6	200	06/16/21 09:06	06/17/21 13:54	218-01-9	
Dibenz(a,h)anthracene	<2.0	ug/L	10.0	2.0	200	06/16/21 09:06	06/17/21 13:54	53-70-3	L1
Fluoranthene	3.6J	ug/L	10.7	2.1	200	06/16/21 09:06	06/17/21 13:54	206-44-0	
Fluorene	18.9	ug/L	8.0	1.6	200	06/16/21 09:06	06/17/21 13:54	86-73-7	
Indeno(1,2,3-cd)pyrene	<3.5	ug/L	17.6	3.5	200	06/16/21 09:06	06/17/21 13:54	193-39-5	
1-Methylnaphthalene	126	ug/L	5.9	1.2	200	06/16/21 09:06	06/17/21 13:54	90-12-0	
2-Methylnaphthalene	107	ug/L	4.9	0.98	200	06/16/21 09:06	06/17/21 13:54	91-57-6	
Naphthalene	802	ug/L	18.3	3.7	200	06/16/21 09:06	06/17/21 13:54	91-20-3	
Phenanthrene	35.8	ug/L	13.8	2.8	200	06/16/21 09:06	06/17/21 13:54	85-01-8	
Pyrene	4.3J	ug/L	7.7	1.5	200	06/16/21 09:06	06/17/21 13:54	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	0	%	39-120		200	06/16/21 09:06	06/17/21 13:54	321-60-8	S4
Terphenyl-d14 (S)	0	%	10-159		200	06/16/21 09:06	06/17/21 13:54	1718-51-0	S4
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	3440	ug/L	20.0	5.9	20		06/17/21 16:17	71-43-2	
Ethylbenzene	335	ug/L	20.0	6.5	20		06/17/21 16:17	100-41-4	
Toluene	15.4J	ug/L	20.0	5.8	20		06/17/21 16:17	108-88-3	
Xylene (Total)	189	ug/L	60.0	21.0	20		06/17/21 16:17	1330-20-7	
Surrogates									
Toluene-d8 (S)	97	%	70-130		20		06/17/21 16:17	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		20		06/17/21 16:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		20		06/17/21 16:17	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	<2.2	mg/L	10.0	2.2	5		06/22/21 17:51	14808-79-8	D3
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		06/17/21 08:38		

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ANALYTICAL RESULTS

Project: CAMP MARINA
 Pace Project No.: 40228430

Sample: 061421006 Lab ID: 40228430006 Collected: 06/14/21 12:21 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	7450	ug/L	140	28.8	50		06/25/21 13:03	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	98.3	ug/L	5.6	1.1	200	06/16/21 09:06	06/17/21 14:12	83-32-9	
Acenaphthylene	1.1J	ug/L	4.6	0.92	200	06/16/21 09:06	06/17/21 14:12	208-96-8	
Anthracene	10.9	ug/L	9.7	1.9	200	06/16/21 09:06	06/17/21 14:12	120-12-7	
Benzo(a)anthracene	<1.4	ug/L	7.0	1.4	200	06/16/21 09:06	06/17/21 14:12	56-55-3	
Benzo(a)pyrene	<2.0	ug/L	9.7	2.0	200	06/16/21 09:06	06/17/21 14:12	50-32-8	
Benzo(b)fluoranthene	<1.1	ug/L	5.3	1.1	200	06/16/21 09:06	06/17/21 14:12	205-99-2	
Benzo(g,h,i)perylene	<1.3	ug/L	6.3	1.3	200	06/16/21 09:06	06/17/21 14:12	191-24-2	
Benzo(k)fluoranthene	<1.4	ug/L	7.0	1.4	200	06/16/21 09:06	06/17/21 14:12	207-08-9	
Chrysene	<2.4	ug/L	12.1	2.4	200	06/16/21 09:06	06/17/21 14:12	218-01-9	
Dibenz(a,h)anthracene	<1.9	ug/L	9.3	1.9	200	06/16/21 09:06	06/17/21 14:12	53-70-3	L1
Fluoranthene	3.5J	ug/L	9.9	2.0	200	06/16/21 09:06	06/17/21 14:12	206-44-0	
Fluorene	19.4	ug/L	7.4	1.5	200	06/16/21 09:06	06/17/21 14:12	86-73-7	
Indeno(1,2,3-cd)pyrene	<3.3	ug/L	16.3	3.3	200	06/16/21 09:06	06/17/21 14:12	193-39-5	
1-Methylnaphthalene	147	ug/L	5.5	1.1	200	06/16/21 09:06	06/17/21 14:12	90-12-0	
2-Methylnaphthalene	124	ug/L	4.5	0.91	200	06/16/21 09:06	06/17/21 14:12	91-57-6	
Naphthalene	902	ug/L	17.0	3.4	200	06/16/21 09:06	06/17/21 14:12	91-20-3	
Phenanthrene	36.6	ug/L	12.8	2.6	200	06/16/21 09:06	06/17/21 14:12	85-01-8	
Pyrene	4.4J	ug/L	7.1	1.4	200	06/16/21 09:06	06/17/21 14:12	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	0	%	39-120		200	06/16/21 09:06	06/17/21 14:12	321-60-8	S4
Terphenyl-d14 (S)	0	%	10-159		200	06/16/21 09:06	06/17/21 14:12	1718-51-0	S4
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	3000	ug/L	20.0	5.9	20		06/17/21 16:36	71-43-2	
Ethylbenzene	283	ug/L	20.0	6.5	20		06/17/21 16:36	100-41-4	
Toluene	13.8J	ug/L	20.0	5.8	20		06/17/21 16:36	108-88-3	
Xylene (Total)	161	ug/L	60.0	21.0	20		06/17/21 16:36	1330-20-7	
Surrogates									
Toluene-d8 (S)	98	%	70-130		20		06/17/21 16:36	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		20		06/17/21 16:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		20		06/17/21 16:36	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	<2.2	mg/L	10.0	2.2	5		06/22/21 18:06	14808-79-8	D3
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		06/17/21 08:39		

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ANALYTICAL RESULTS

Project: CAMP MARINA
Pace Project No.: 40228430

Sample: 061421007 Lab ID: 40228430007 Collected: 06/14/21 12:54 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		06/25/21 12:02	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.034	ug/L	0.030	0.0060	1	06/16/21 09:06	06/17/21 13:36	83-32-9	
Acenaphthylene	0.0071J	ug/L	0.024	0.0049	1	06/16/21 09:06	06/17/21 13:36	208-96-8	
Anthracene	<0.010	ug/L	0.051	0.010	1	06/16/21 09:06	06/17/21 13:36	120-12-7	
Benzo(a)anthracene	0.0075J	ug/L	0.037	0.0074	1	06/16/21 09:06	06/17/21 13:36	56-55-3	
Benzo(a)pyrene	<0.010	ug/L	0.052	0.010	1	06/16/21 09:06	06/17/21 13:36	50-32-8	
Benzo(b)fluoranthene	<0.0056	ug/L	0.028	0.0056	1	06/16/21 09:06	06/17/21 13:36	205-99-2	
Benzo(g,h,i)perylene	<0.0066	ug/L	0.033	0.0066	1	06/16/21 09:06	06/17/21 13:36	191-24-2	
Benzo(k)fluoranthene	<0.0074	ug/L	0.037	0.0074	1	06/16/21 09:06	06/17/21 13:36	207-08-9	
Chrysene	<0.013	ug/L	0.064	0.013	1	06/16/21 09:06	06/17/21 13:36	218-01-9	
Dibenz(a,h)anthracene	<0.0098	ug/L	0.049	0.0098	1	06/16/21 09:06	06/17/21 13:36	53-70-3	L1
Fluoranthene	<0.010	ug/L	0.052	0.010	1	06/16/21 09:06	06/17/21 13:36	206-44-0	
Fluorene	<0.0078	ug/L	0.039	0.0078	1	06/16/21 09:06	06/17/21 13:36	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.086	0.017	1	06/16/21 09:06	06/17/21 13:36	193-39-5	
1-Methylnaphthalene	0.055	ug/L	0.029	0.0058	1	06/16/21 09:06	06/17/21 13:36	90-12-0	
2-Methylnaphthalene	0.050	ug/L	0.024	0.0048	1	06/16/21 09:06	06/17/21 13:36	91-57-6	
Naphthalene	0.32	ug/L	0.090	0.018	1	06/16/21 09:06	06/17/21 13:36	91-20-3	
Phenanthrene	0.020J	ug/L	0.068	0.014	1	06/16/21 09:06	06/17/21 13:36	85-01-8	
Pyrene	0.0080J	ug/L	0.038	0.0075	1	06/16/21 09:06	06/17/21 13:36	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	39-120		1	06/16/21 09:06	06/17/21 13:36	321-60-8	
Terphenyl-d14 (S)	78	%	10-159		1	06/16/21 09:06	06/17/21 13:36	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		06/17/21 13:29	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		06/17/21 13:29	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		06/17/21 13:29	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		06/17/21 13:29	1330-20-7	
Surrogates									
Toluene-d8 (S)	96	%	70-130		1		06/17/21 13:29	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		06/17/21 13:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		06/17/21 13:29	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	83.6	mg/L	10.0	2.2	5		06/23/21 13:19	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	0.31	mg/L	0.25	0.059	1		06/17/21 08:40		

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ANALYTICAL RESULTS

Project: CAMP MARINA
 Pace Project No.: 40228430

Sample: 061421008 Lab ID: 40228430008 Collected: 06/14/21 13:47 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	5.9	ug/L	2.8	0.58	1		06/25/21 12:08	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	0.0074J	ug/L	0.029	0.0059	1	06/21/21 15:13	06/22/21 13:54	83-32-9	
Acenaphthylene	<0.0048	ug/L	0.024	0.0048	1	06/21/21 15:13	06/22/21 13:54	208-96-8	
Anthracene	<0.010	ug/L	0.051	0.010	1	06/21/21 15:13	06/22/21 13:54	120-12-7	
Benzo(a)anthracene	<0.0073	ug/L	0.037	0.0073	1	06/21/21 15:13	06/22/21 13:54	56-55-3	
Benzo(a)pyrene	<0.010	ug/L	0.051	0.010	1	06/21/21 15:13	06/22/21 13:54	50-32-8	L2
Benzo(b)fluoranthene	<0.0056	ug/L	0.028	0.0056	1	06/21/21 15:13	06/22/21 13:54	205-99-2	
Benzo(g,h,i)perylene	<0.0066	ug/L	0.033	0.0066	1	06/21/21 15:13	06/22/21 13:54	191-24-2	
Benzo(k)fluoranthene	<0.0073	ug/L	0.037	0.0073	1	06/21/21 15:13	06/22/21 13:54	207-08-9	L2
Chrysene	<0.013	ug/L	0.063	0.013	1	06/21/21 15:13	06/22/21 13:54	218-01-9	
Dibenz(a,h)anthracene	<0.0097	ug/L	0.049	0.0097	1	06/21/21 15:13	06/22/21 13:54	53-70-3	
Fluoranthene	<0.010	ug/L	0.052	0.010	1	06/21/21 15:13	06/22/21 13:54	206-44-0	
Fluorene	<0.0077	ug/L	0.039	0.0077	1	06/21/21 15:13	06/22/21 13:54	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.017	ug/L	0.086	0.017	1	06/21/21 15:13	06/22/21 13:54	193-39-5	
1-Methylnaphthalene	0.017J	ug/L	0.029	0.0057	1	06/21/21 15:13	06/22/21 13:54	90-12-0	
2-Methylnaphthalene	0.013J	ug/L	0.024	0.0048	1	06/21/21 15:13	06/22/21 13:54	91-57-6	
Naphthalene	0.054J	ug/L	0.089	0.018	1	06/21/21 15:13	06/22/21 13:54	91-20-3	
Phenanthrene	<0.013	ug/L	0.067	0.013	1	06/21/21 15:13	06/22/21 13:54	85-01-8	
Pyrene	0.0087J	ug/L	0.037	0.0074	1	06/21/21 15:13	06/22/21 13:54	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	39-120		1	06/21/21 15:13	06/22/21 13:54	321-60-8	
Terphenyl-d14 (S)	92	%	10-159		1	06/21/21 15:13	06/22/21 13:54	1718-51-0	
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		06/17/21 13:48	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		06/17/21 13:48	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		06/17/21 13:48	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		06/17/21 13:48	1330-20-7	
Surrogates									
Toluene-d8 (S)	97	%	70-130		1		06/17/21 13:48	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		06/17/21 13:48	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		06/17/21 13:48	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	1.5J	mg/L	2.0	0.44	1		06/22/21 18:36	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		06/17/21 08:40		

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ANALYTICAL RESULTS

Project: CAMP MARINA
Pace Project No.: 40228430

Sample: 061421009 Lab ID: 40228430009 Collected: 06/14/21 14:43 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified Pace Analytical Services - Green Bay									
Methane	1.7J	ug/L	2.8	0.58	1		06/25/21 12:15	74-82-8	
8270E MSSV PAH									
Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay									
Acenaphthene	22.1	ug/L	12.6	2.5	400	06/21/21 15:13	06/22/21 15:26	83-32-9	
Acenaphthylene	123	ug/L	10.4	2.1	400	06/21/21 15:13	06/22/21 15:26	208-96-8	
Anthracene	<4.4	ug/L	21.8	4.4	400	06/21/21 15:13	06/22/21 15:26	120-12-7	
Benzo(a)anthracene	<3.1	ug/L	15.7	3.1	400	06/21/21 15:13	06/22/21 15:26	56-55-3	
Benzo(a)pyrene	<4.4	ug/L	21.9	4.4	400	06/21/21 15:13	06/22/21 15:26	50-32-8	L2
Benzo(b)fluoranthene	<2.4	ug/L	12.0	2.4	400	06/21/21 15:13	06/22/21 15:26	205-99-2	
Benzo(g,h,i)perylene	<2.8	ug/L	14.1	2.8	400	06/21/21 15:13	06/22/21 15:26	191-24-2	
Benzo(k)fluoranthene	<3.1	ug/L	15.7	3.1	400	06/21/21 15:13	06/22/21 15:26	207-08-9	L2
Chrysene	<5.4	ug/L	27.2	5.4	400	06/21/21 15:13	06/22/21 15:26	218-01-9	
Dibenz(a,h)anthracene	<4.2	ug/L	20.9	4.2	400	06/21/21 15:13	06/22/21 15:26	53-70-3	
Fluoranthene	<4.4	ug/L	22.2	4.4	400	06/21/21 15:13	06/22/21 15:26	206-44-0	
Fluorene	27.9	ug/L	16.6	3.3	400	06/21/21 15:13	06/22/21 15:26	86-73-7	
Indeno(1,2,3-cd)pyrene	<7.4	ug/L	36.8	7.4	400	06/21/21 15:13	06/22/21 15:26	193-39-5	
1-Methylnaphthalene	249	ug/L	12.3	2.5	400	06/21/21 15:13	06/22/21 15:26	90-12-0	
2-Methylnaphthalene	101	ug/L	10.2	2.0	400	06/21/21 15:13	06/22/21 15:26	91-57-6	
Naphthalene	1790	ug/L	38.2	7.6	400	06/21/21 15:13	06/22/21 15:26	91-20-3	
Phenanthrene	22.6J	ug/L	28.7	5.7	400	06/21/21 15:13	06/22/21 15:26	85-01-8	
Pyrene	<3.2	ug/L	15.9	3.2	400	06/21/21 15:13	06/22/21 15:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	0	%	39-120		400	06/21/21 15:13	06/22/21 15:26	321-60-8	S4
Terphenyl-d14 (S)	0	%	10-159		400	06/21/21 15:13	06/22/21 15:26	1718-51-0	S4
8260 MSV UST									
Analytical Method: EPA 8260 Pace Analytical Services - Green Bay									
Benzene	2680	ug/L	50.0	14.8	50		06/17/21 15:02	71-43-2	
Ethylbenzene	343	ug/L	50.0	16.3	50		06/17/21 15:02	100-41-4	
Toluene	735	ug/L	50.0	14.4	50		06/17/21 15:02	108-88-3	
Xylene (Total)	467	ug/L	150	52.4	50		06/17/21 15:02	1330-20-7	
Surrogates									
Toluene-d8 (S)	97	%	70-130		50		06/17/21 15:02	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		50		06/17/21 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		50		06/17/21 15:02	2199-69-1	
300.0 IC Anions									
Analytical Method: EPA 300.0 Pace Analytical Services - Green Bay									
Sulfate	35.4	mg/L	2.0	0.44	1		06/22/21 18:51	14808-79-8	
353.2 Nitrogen, NO2/NO3 pres.									
Analytical Method: EPA 353.2 Pace Analytical Services - Green Bay									
Nitrogen, NO2 plus NO3	<0.059	mg/L	0.25	0.059	1		06/17/21 08:41		

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ANALYTICAL RESULTS

Project: CAMP MARINA
 Pace Project No.: 40228430

Sample: 061421010 Lab ID: 40228430010 Collected: 06/14/21 15:00 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		06/17/21 14:06	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		06/17/21 14:06	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		06/17/21 14:06	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		06/17/21 14:06	1330-20-7	
Surrogates									
Toluene-d8 (S)	97	%	70-130		1		06/17/21 14:06	2037-26-5	
4-Bromofluorobenzene (S)	97	%	70-130		1		06/17/21 14:06	460-00-4	
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		06/17/21 14:06	2199-69-1	

Sample: 061421011 Lab ID: 40228430011 Collected: 06/14/21 00:00 Received: 06/15/21 08:20 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
Methane, Ethane, Ethene GCV									
Analytical Method: EPA 8015B Modified									
Pace Analytical Services - Green Bay									
Methane	<0.58	ug/L	2.8	0.58	1		06/25/21 12:22	74-82-8	
8260 MSV UST									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Benzene	<0.30	ug/L	1.0	0.30	1		06/17/21 10:41	71-43-2	
Ethylbenzene	<0.33	ug/L	1.0	0.33	1		06/17/21 10:41	100-41-4	
Toluene	<0.29	ug/L	1.0	0.29	1		06/17/21 10:41	108-88-3	
Xylene (Total)	<1.0	ug/L	3.0	1.0	1		06/17/21 10:41	1330-20-7	
Surrogates									
Toluene-d8 (S)	96	%	70-130		1		06/17/21 10:41	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		06/17/21 10:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		06/17/21 10:41	2199-69-1	

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QUALITY CONTROL DATA

Project: CAMP MARINA

Pace Project No.: 40228430

QC Batch:	388993	Analysis Method:	EPA 8015B Modified
QC Batch Method:	EPA 8015B Modified	Analysis Description:	Methane, Ethane, Ethene GCV
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007, 40228430008, 40228430009, 40228430011		

METHOD BLANK:	2244006	Matrix:	Water
Associated Lab Samples:	40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007, 40228430008, 40228430009, 40228430011		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Methane	ug/L	<0.58	2.8	06/25/21 09:21	

LABORATORY CONTROL SAMPLE & LCSD: 2244007		2244008								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	28.6	26.5	26.1	93	91	80-121	1	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2244009		2244010										
Parameter	Units	40228430002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Methane	ug/L	0.84J	28.6	28.6	26.8	26.4	91	90	10-200	1	20	

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QUALITY CONTROL DATA

Project: CAMP MARINA
Pace Project No.: 40228430

QC Batch:	388101	Analysis Method:	EPA 8260
QC Batch Method:	EPA 8260	Analysis Description:	8260 MSV UST-WATER
		Laboratory:	Pace Analytical Services - Green Bay

Associated Lab Samples: 40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007, 40228430008, 40228430009, 40228430010, 40228430011

METHOD BLANK: 2238783 Matrix: Water
Associated Lab Samples: 40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007, 40228430008, 40228430009, 40228430010, 40228430011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	<0.30	1.0	06/17/21 09:07	
Ethylbenzene	ug/L	<0.33	1.0	06/17/21 09:07	
Toluene	ug/L	<0.29	1.0	06/17/21 09:07	
Xylene (Total)	ug/L	<1.0	3.0	06/17/21 09:07	
1,2-Dichlorobenzene-d4 (S)	%	102	70-130	06/17/21 09:07	
4-Bromofluorobenzene (S)	%	97	70-130	06/17/21 09:07	
Toluene-d8 (S)	%	95	70-130	06/17/21 09:07	

LABORATORY CONTROL SAMPLE: 2238784

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	47.8	96	70-132	
Ethylbenzene	ug/L	50	49.4	99	80-123	
Toluene	ug/L	50	49.5	99	80-121	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2238785 2238786

Parameter	Units	2238785		2238786		MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual	
		40228430002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result						MSD Result
Benzene	ug/L	<0.30	50	50	45.4	48.3	91	97	70-132	6	20
Ethylbenzene	ug/L	<0.33	50	50	46.5	51.3	93	103	80-123	10	20
Toluene	ug/L	<0.29	50	50	47.0	50.1	94	100	80-121	7	20
Xylene (Total)	ug/L	<1.0	150	150	144	157	96	104	70-130	8	20
1,2-Dichlorobenzene-d4 (S)	%						99	99	70-130		
4-Bromofluorobenzene (S)	%						99	100	70-130		
Toluene-d8 (S)	%						98	100	70-130		

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QUALITY CONTROL DATA

Project: CAMP MARINA
Pace Project No.: 40228430

QC Batch: 388024 Analysis Method: EPA 8270E by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007

METHOD BLANK: 2238347 Matrix: Water
Associated Lab Samples: 40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	06/17/21 07:10	
2-Methylnaphthalene	ug/L	<0.0049	0.024	06/17/21 07:10	
Acenaphthene	ug/L	<0.0061	0.030	06/17/21 07:10	
Acenaphthylene	ug/L	<0.0050	0.025	06/17/21 07:10	
Anthracene	ug/L	<0.010	0.052	06/17/21 07:10	
Benzo(a)anthracene	ug/L	<0.0076	0.038	06/17/21 07:10	
Benzo(a)pyrene	ug/L	<0.011	0.053	06/17/21 07:10	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	06/17/21 07:10	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	06/17/21 07:10	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	06/17/21 07:10	
Chrysene	ug/L	<0.013	0.065	06/17/21 07:10	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	06/17/21 07:10	
Fluoranthene	ug/L	<0.011	0.053	06/17/21 07:10	
Fluorene	ug/L	<0.0080	0.040	06/17/21 07:10	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	06/17/21 07:10	
Naphthalene	ug/L	<0.018	0.092	06/17/21 07:10	
Phenanthrene	ug/L	<0.014	0.069	06/17/21 07:10	
Pyrene	ug/L	<0.0076	0.038	06/17/21 07:10	
2-Fluorobiphenyl (S)	%	60	39-120	06/17/21 07:10	
Terphenyl-d14 (S)	%	95	10-159	06/17/21 07:10	

LABORATORY CONTROL SAMPLE: 2238348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.3	64	37-120	
2-Methylnaphthalene	ug/L	2	1.2	62	38-120	
Acenaphthene	ug/L	2	1.3	66	49-120	
Acenaphthylene	ug/L	2	1.3	64	43-85	
Anthracene	ug/L	2	1.3	67	57-110	
Benzo(a)anthracene	ug/L	2	1.5	74	47-118	
Benzo(a)pyrene	ug/L	2	1.6	82	70-120	
Benzo(b)fluoranthene	ug/L	2	1.6	80	54-97	
Benzo(g,h,i)perylene	ug/L	2	1.5	74	26-74	
Benzo(k)fluoranthene	ug/L	2	1.8	91	73-126	
Chrysene	ug/L	2	1.8	92	75-151	
Dibenz(a,h)anthracene	ug/L	2	1.6	80	13-72 L1	
Fluoranthene	ug/L	2	1.7	86	63-120	
Fluorene	ug/L	2	1.4	69	53-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	84	51-101	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: CAMP MARINA
Pace Project No.: 40228430

LABORATORY CONTROL SAMPLE: 2238348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.3	63	41-120	
Phenanthrene	ug/L	2	1.5	75	47-100	
Pyrene	ug/L	2	1.6	78	70-128	
2-Fluorobiphenyl (S)	%			71	39-120	
Terphenyl-d14 (S)	%			89	10-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2238349 2238350

Parameter	Units	40228430002		MSD		MS		MSD		% Rec Limits	Max RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec				
1-Methylnaphthalene	ug/L	<0.0058	2	2.1	1.1	1.1	56	54	16-120	2	28	
2-Methylnaphthalene	ug/L	<0.0048	2	2.1	1.1	1.1	54	52	29-120	2	31	
Acenaphthene	ug/L	<0.0060	2	2.1	1.1	1.2	57	57	33-120	4	30	
Acenaphthylene	ug/L	<0.0049	2	2.1	1.1	1.1	54	54	21-85	5	26	
Anthracene	ug/L	<0.010	2	2.1	1.2	1.5	61	73	16-114	22	36	
Benzo(a)anthracene	ug/L	<0.0074	2	2.1	1.0	1.3	52	63	10-118	25	35	
Benzo(a)pyrene	ug/L	<0.010	2	2.1	0.93	1.4	46	68	10-120	42	37	R1
Benzo(b)fluoranthene	ug/L	<0.0056	2	2.1	0.88	1.3	44	63	10-97	41	36	R1
Benzo(g,h,i)perylene	ug/L	<0.0066	2	2.1	0.77	1.3	38	62	10-74	52	45	R1
Benzo(k)fluoranthene	ug/L	<0.0074	2	2.1	1.1	1.7	57	80	10-126	39	41	
Chrysene	ug/L	<0.013	2	2.1	1.4	1.8	68	86	10-161	28	30	
Dibenz(a,h)anthracene	ug/L	<0.0098	2	2.1	0.90	1.5	45	70	10-72	49	50	
Fluoranthene	ug/L	<0.010	2	2.1	1.5	1.7	72	78	35-120	13	33	
Fluorene	ug/L	<0.0078	2	2.1	1.2	1.3	60	59	17-120	4	33	
Indeno(1,2,3-cd)pyrene	ug/L	<0.017	2	2.1	0.85	1.4	43	68	10-101	51	41	R1
Naphthalene	ug/L	<0.018	2	2.1	1.1	1.1	55	54	24-120	3	30	
Phenanthrene	ug/L	<0.014	2	2.1	1.3	1.4	67	68	15-100	6	30	
Pyrene	ug/L	<0.0075	2	2.1	1.3	1.5	66	71	14-137	12	31	
2-Fluorobiphenyl (S)	%						58	59	39-120			
Terphenyl-d14 (S)	%						52	59	10-159			

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QUALITY CONTROL DATA

Project: CAMP MARINA
 Pace Project No.: 40228430

QC Batch: 388554 Analysis Method: EPA 8270E by SIM
 QC Batch Method: EPA 3510 Analysis Description: 8270E Water PAH
 Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40228430008, 40228430009

METHOD BLANK: 2241456 Matrix: Water

Associated Lab Samples: 40228430008, 40228430009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0059	0.030	06/22/21 07:27	
2-Methylnaphthalene	ug/L	<0.0049	0.024	06/22/21 07:27	
Acenaphthene	ug/L	<0.0061	0.030	06/22/21 07:27	
Acenaphthylene	ug/L	<0.0050	0.025	06/22/21 07:27	
Anthracene	ug/L	<0.010	0.052	06/22/21 07:27	
Benzo(a)anthracene	ug/L	<0.0076	0.038	06/22/21 07:27	
Benzo(a)pyrene	ug/L	<0.011	0.053	06/22/21 07:27	
Benzo(b)fluoranthene	ug/L	<0.0057	0.029	06/22/21 07:27	
Benzo(g,h,i)perylene	ug/L	<0.0068	0.034	06/22/21 07:27	
Benzo(k)fluoranthene	ug/L	<0.0076	0.038	06/22/21 07:27	
Chrysene	ug/L	<0.013	0.065	06/22/21 07:27	
Dibenz(a,h)anthracene	ug/L	<0.010	0.050	06/22/21 07:27	
Fluoranthene	ug/L	<0.011	0.053	06/22/21 07:27	
Fluorene	ug/L	<0.0080	0.040	06/22/21 07:27	
Indeno(1,2,3-cd)pyrene	ug/L	<0.018	0.088	06/22/21 07:27	
Naphthalene	ug/L	<0.018	0.092	06/22/21 07:27	
Phenanthrene	ug/L	<0.014	0.069	06/22/21 07:27	
Pyrene	ug/L	<0.0076	0.038	06/22/21 07:27	
2-Fluorobiphenyl (S)	%	57	39-120	06/22/21 07:27	
Terphenyl-d14 (S)	%	84	10-159	06/22/21 07:27	

LABORATORY CONTROL SAMPLE: 2241457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.4	69	37-120	
2-Methylnaphthalene	ug/L	2	1.4	69	38-120	
Acenaphthene	ug/L	2	1.3	66	49-120	
Acenaphthylene	ug/L	2	1.3	66	43-85	
Anthracene	ug/L	2	1.3	64	57-110	
Benzo(a)anthracene	ug/L	2	1.4	68	47-118	
Benzo(a)pyrene	ug/L	2	1.4	68	70-120 L2	
Benzo(b)fluoranthene	ug/L	2	1.3	67	54-97	
Benzo(g,h,i)perylene	ug/L	2	0.53	26	26-74	
Benzo(k)fluoranthene	ug/L	2	1.4	69	73-126 L2	
Chrysene	ug/L	2	1.5	77	75-151	
Dibenz(a,h)anthracene	ug/L	2	0.52	26	13-72	
Fluoranthene	ug/L	2	1.5	76	63-120	
Fluorene	ug/L	2	1.4	68	53-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.0	51	51-101	

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QUALITY CONTROL DATA

Project: CAMP MARINA
 Pace Project No.: 40228430

LABORATORY CONTROL SAMPLE: 2241457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.4	69	41-120	
Phenanthrene	ug/L	2	1.4	71	47-100	
Pyrene	ug/L	2	1.5	73	70-128	
2-Fluorobiphenyl (S)	%			66	39-120	
Terphenyl-d14 (S)	%			87	10-159	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2241458 2241459

Parameter	Units	10565179001		MSD		MS		MSD		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec					
1-Methylnaphthalene	ug/L	ND	2	2	1.2	1.2	59	61	61	16-120	4	28	
2-Methylnaphthalene	ug/L	ND	2	2	1.2	1.2	59	61	61	29-120	3	31	
Acenaphthene	ug/L	ND	2	2	1.2	1.2	58	61	61	33-120	5	30	
Acenaphthylene	ug/L	ND	2	2	1.1	1.2	57	59	59	21-85	3	26	
Anthracene	ug/L	ND	2	2	1.2	1.2	60	59	59	16-114	2	36	
Benzo(a)anthracene	ug/L	ND	2	2	1.0	1.0	51	50	50	10-118	2	35	
Benzo(a)pyrene	ug/L	ND	2	2	0.75	0.78	38	39	39	10-120	3	37	
Benzo(b)fluoranthene	ug/L	ND	2	2	0.76	0.76	38	38	38	10-97	0	36	
Benzo(g,h,i)perylene	ug/L	ND	2	2	0.41	0.42	20	21	21	10-74	5	45	
Benzo(k)fluoranthene	ug/L	ND	2	2	0.86	0.87	43	43	43	10-126	1	41	
Chrysene	ug/L	ND	2	2	1.2	1.3	62	63	63	10-161	2	30	
Dibenz(a,h)anthracene	ug/L	ND	2	2	0.38	0.42	19	21	21	10-72	9	50	
Fluoranthene	ug/L	ND	2	2	1.5	1.5	72	73	73	35-120	1	33	
Fluorene	ug/L	ND	2	2	1.2	1.3	61	63	63	17-120	5	33	
Indeno(1,2,3-cd)pyrene	ug/L	ND	2	2	0.44	0.48	22	24	24	10-101	7	41	
Naphthalene	ug/L	ND	2	2	1.2	1.2	58	59	59	24-120	1	30	
Phenanthrene	ug/L	ND	2	2	1.3	1.4	66	68	68	15-100	3	30	
Pyrene	ug/L	ND	2	2	1.4	1.4	67	67	67	14-137	0	31	
2-Fluorobiphenyl (S)	%						65	70	70	39-120			
Terphenyl-d14 (S)	%						78	76	76	10-159			

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QUALITY CONTROL DATA

Project: CAMP MARINA
Pace Project No.: 40228430

QC Batch:	388569	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Green Bay
Associated Lab Samples:	40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007, 40228430008, 40228430009		

METHOD BLANK: 2241494 Matrix: Water
Associated Lab Samples: 40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007, 40228430008, 40228430009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	<0.44	2.0	06/22/21 10:52	

LABORATORY CONTROL SAMPLE: 2241495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.5	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2241496 2241497

Parameter	Units	40228609001		2241496		2241497		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				
Sulfate	mg/L	201	200	200	415	404	107	101	90-110	3	15

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2241498 2241499

Parameter	Units	40228430002		2241498		2241499		% Rec Limits	RPD	Max RPD	Qual
		Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec				
Sulfate	mg/L	86.9	100	100	186	186	99	99	90-110	0	15

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QUALITY CONTROL DATA

Project: CAMP MARINA

Pace Project No.: 40228430

QC Batch: 388100 Analysis Method: EPA 353.2
 QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate + Nitrite, preserved
 Laboratory: Pace Analytical Services - Green Bay
 Associated Lab Samples: 40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007,
 40228430008, 40228430009

METHOD BLANK: 2238777 Matrix: Water
 Associated Lab Samples: 40228430001, 40228430002, 40228430003, 40228430004, 40228430005, 40228430006, 40228430007,
 40228430008, 40228430009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	<0.059	0.25	06/17/21 08:22	

LABORATORY CONTROL SAMPLE: 2238778

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, NO2 plus NO3	mg/L	2.5	2.6	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2238779 2238780

Parameter	Units	40228430002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.5	2.5	100	100	90-110	0	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2238781 2238782

Parameter	Units	40228430009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, NO2 plus NO3	mg/L	<0.059	2.5	2.5	2.6	2.5	100	99	90-110	1	20	

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QUALIFIERS

Project: CAMP MARINA
Pace Project No.: 40228430

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above LOD.
J - Estimated concentration at or above the LOD and below the LOQ.
LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.
LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 388586

[1] Second extraction with QC failure. No additional volume to re-extract.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
L1 Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
R1 RPD value was outside control limits.
S4 Surrogate recovery not evaluated against control limits due to sample dilution.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CAMP MARINA
 Pace Project No.: 40228430

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40228430001	061421001	EPA 8015B Modified	388993		
40228430002	061421002	EPA 8015B Modified	388993		
40228430003	061421003	EPA 8015B Modified	388993		
40228430004	061421004	EPA 8015B Modified	388993		
40228430005	061421005	EPA 8015B Modified	388993		
40228430006	061421006	EPA 8015B Modified	388993		
40228430007	061421007	EPA 8015B Modified	388993		
40228430008	061421008	EPA 8015B Modified	388993		
40228430009	061421009	EPA 8015B Modified	388993		
40228430011	061421011	EPA 8015B Modified	388993		
40228430001	061421001	EPA 3510	388024	EPA 8270E by SIM	388117
40228430002	061421002	EPA 3510	388024	EPA 8270E by SIM	388117
40228430003	061421003	EPA 3510	388024	EPA 8270E by SIM	388117
40228430004	061421004	EPA 3510	388024	EPA 8270E by SIM	388117
40228430005	061421005	EPA 3510	388024	EPA 8270E by SIM	388117
40228430006	061421006	EPA 3510	388024	EPA 8270E by SIM	388117
40228430007	061421007	EPA 3510	388024	EPA 8270E by SIM	388117
40228430008	061421008	EPA 3510	388554	EPA 8270E by SIM	388586
40228430009	061421009	EPA 3510	388554	EPA 8270E by SIM	388586
40228430001	061421001	EPA 8260	388101		
40228430002	061421002	EPA 8260	388101		
40228430003	061421003	EPA 8260	388101		
40228430004	061421004	EPA 8260	388101		
40228430005	061421005	EPA 8260	388101		
40228430006	061421006	EPA 8260	388101		
40228430007	061421007	EPA 8260	388101		
40228430008	061421008	EPA 8260	388101		
40228430009	061421009	EPA 8260	388101		
40228430010	061421010	EPA 8260	388101		
40228430011	061421011	EPA 8260	388101		
40228430001	061421001	EPA 300.0	388569		
40228430002	061421002	EPA 300.0	388569		
40228430003	061421003	EPA 300.0	388569		
40228430004	061421004	EPA 300.0	388569		
40228430005	061421005	EPA 300.0	388569		
40228430006	061421006	EPA 300.0	388569		
40228430007	061421007	EPA 300.0	388569		
40228430008	061421008	EPA 300.0	388569		
40228430009	061421009	EPA 300.0	388569		
40228430001	061421001	EPA 353.2	388100		
40228430002	061421002	EPA 353.2	388100		
40228430003	061421003	EPA 353.2	388100		
40228430004	061421004	EPA 353.2	388100		
40228430005	061421005	EPA 353.2	388100		
40228430006	061421006	EPA 353.2	388100		
40228430007	061421007	EPA 353.2	388100		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: CAMP MARINA
Pace Project No.: 40228430

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40228430008	061421008	EPA 353.2	388100		
40228430009	061421009	EPA 353.2	388100		

REPORT OF LABORATORY ANALYSIS

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 1241 Bellevue Street, Green Bay, WI 54302	Document Name: Sample Condition Upon Receipt (SCUR)	Document Revised: 26Mar2020
	Document No.: ENV-FRM-GBAY-0014-Rev.00	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Client Name: Ramboll

Project #: _____

WO#: 40228430



40228430

Courier: CS Logistics Fed Ex Speedee UPS Walco
 Client Pace Other: _____

Tracking #: 1892.061421

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Custody Seal on Samples Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used SR-107 Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: _____ /Corr: _____

Temp Blank Present: yes no

Biological Tissue is Frozen: yes no

Person examining contents:
 Date: 6/15/21 /Initials: ALW
 Labeled By Initials: EL

Temp should be above freezing to 6°C.
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	2. <u>no proj # 6/15/21 ALW</u>
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	10. <u>006: one AG5U cracked cover, 1/3 volume</u>
Filtered volume received for Dissolved tests <u>6/15/21 ALW</u>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11. <u>spilled; 008: one AG5U cracked cover,</u>
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>still secure 6/15/21 ALW</u>
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>465</u>		

If checked, see attached form for additional comments

Client Notification/ Resolution: _____ Date/Time: _____

Person Contacted: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample log in



ENVIRONMENTAL CONSULTANTS

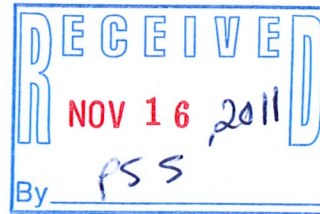
23713 W. PAUL ROAD, SUITE D
PEWAUKEE, WI 53072
(P) 262.523.9000
(F) 262.523.9001

Mr. Pablo Valentín
USEPA Region 5 – SR-6J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

November 15, 2011
(1665)

RE: October 2011 Monthly Progress Report,
Campmarina Former MGP, Sheboygan, Wisconsin
Wisconsin Public Service Corporation

CERCLA Docket No. V-W-07-C-862
EPA Site ID # – B5DA
CERCLIS ID – WIN000510058



Dear Mr. Valentín:

On behalf of Integrys Business Support, LLC, (IBS), Natural Resource Technology, Inc. (NRT) is providing this Monthly Progress Report for Wisconsin Public Service Corporation's (WPSC) Campmarina Former Manufactured Gas Plant (MGP) Site.

1) Progress Made During the Past Month

- Progress on near-shore and under-shore sediment removal action both inside and outside of the temporary sheet pile cofferdam:
 - Continued real-time turbidity monitoring;
 - Continued the regular, full-scale (once per week) air monitoring program;
 - Continued installation of walers associated with Waterloo Barrier Support System, and initiated associated dive inspections;
 - Continued dredging and stabilization of non-TSCA sediments within cofferdam, and related weekly volume reporting to USEPA;
 - Completed removal of the Wakefield Wall encountered near the Waterloo Barrier;
 - Continued sediment core sampling within the NAPL dredge prisms to define extent of disturbed and undisturbed NAPL residuals, adjusted the scope of dredging accordingly (deeper in some areas), and related communication with USEPA and WDNR, including a teleconference on 10/31;
 - Continued transportation of stabilized, non-TSCA sediment to Veolia Hickory Meadows Landfill;
 - Continued weekly progress meetings (10/6, 13, 20, 27) and transmitted related meeting minutes;
 - Continued transmittal of geotechnical and chemical analytical laboratory data for stabilized sediment and air monitoring to Oneida Total Integrated Enterprises (OTIE), USEPA's oversight contractor for this project; and
 - Continued discussions with PRS to coordinate removal and disposal of PAH-contaminated sediments located south (downstream) of Campmarina MGP.



- Communication with USEPA GLNPO regarding use of the upland support area at Campmarina for their 2012 dredging project, including a meeting on site with USEPA GLNPO's contractor on 10/17.

2) Analytical and Other Testing Results Received

Analytical and other testing results are discussed in the weekly progress meetings as they become available. Refer to weekly progress meeting minutes or separate, related transmittals for further details. These data will be summarized and provided in the Construction Completion Report.

3) Projected Work Next Month

- Near-shore and under-shore sediment removal action both inside and outside of the temporary sheet pile cofferdam:
 - Complete regular, full-scale (once per week) air monitoring;
 - Continue turbidity monitoring;
 - Complete construction of Waterloo Barrier Support System;
 - Complete mechanical dredging and associated stabilization and water treatment activities inside of the temporary sheet pile cofferdam;
 - Complete transportation of stabilized sediment to off-site disposal facilities;
 - Complete quality assurance activities associated with the above;
 - Continue weekly progress meetings;
- Continue to coordinate with GLNPO and PRS;
- Receive USEPA acknowledgement of the memorandum regarding discontinuing the operation of the Upland OU Biosparge System; and
- Respond to USEPA comments on the Feasibility Study Revision 2 for the River Operable Unit (comments received May 3rd discussed with USEPA on May 10th).

4) Anticipated Schedule

Deliverable or Milestone	Target Date	Actual Date
Upland Operable Unit		
Draft Upland OU Technical Letter – Revision 0 to USEPA	April 26, 2007	April 26, 2007
Receive USEPA Comments on Draft Upland OU Technical Letter	--	December 6, 2007
Upland OU Work Plan – Rev 0 to USEPA	Within 60 days of receiving USEPA's Technical Scoping Meeting Summary	
Receive USEPA Comments on Upland OU Work Plan – Revision 0	TBD	
2009 Groundwater Quality Update	February 2010	
1 st Quarter 2010 Groundwater Levels and O&M of Biosparge System	March 2010	March 30, 2010





Deliverable or Milestone	Target Date	Actual Date
Upland Operable Unit (continued)		
2 nd Quarter 2010 Groundwater Levels and O&M of Biosparge System and 1 st Semi-Annual 2010 Groundwater Sampling	June 8, 2010	June 8, 2010
3 rd Quarter 2010 Groundwater Levels and O&M of Biosparge System and Annual Cap and Remedy Component Inspection	September 2010	September 8, 2010
4 th 2010 Quarterly Groundwater Levels and O&M of Biosparge System and 2 nd Semi-Annual 2010 Groundwater Sampling	December 2, 2010	December 2, 2010
2010 Groundwater Quality Update	March 2011	
1 st and 3 rd Quarter 2011 Groundwater Levels and O&M of Biosparge System	March and September 2011	March 22, 2011
2 nd and 4 th Quarter 2011 O&M of Biosparge System and 1 st and 2 nd Semi-Annual 2011 Groundwater Sampling	June and December 2011	June 1, 2011
Submit Technical Memorandum to discontinue operation of the biosparge system	--	October 19, 2010
River Operable Unit		
Submit RI Report – Revision 1	July 21, 2009	July 21, 2009
Receive USEPA comments/approval on RI Report – Revision 1	--	December 11, 2009
Submit FS Report – Revision 0	Originally October 2008; Revised to March 30, 2009; to be revised again	May 29, 2009
Receive USEPA comments on FS Report – Revision 0	--	July 8, 2009
Submit Response to USEPA comments on FS Report – Revision 0	August 10, 2009	August 21, 2009
Submit FS Report – Revision 1	December 22, 2009	February 12, 2010*
Receive USEPA comments on FS Report – Revision 1	--	May 5, 2010 Additional comments dated July 9, 2010, October 27, 2010 and December 10, 2010
Respond to USEPA comments on FS Report – Revision 1	August 9, 2010 (extension approved following discussion of comments with USEPA on Aug 11, 2010)	August 20, 2010 Response to addtl comments Nov 17, 2010
Submit FS Report – Revision 2	January 10, 2011	January 10, 2011





Deliverable or Milestone	Target Date	Actual Date
River Operable Unit (continued)		
Receive USEPA comments on FS Report – Revision 2	--	May 3, 2011
Receive USEPA's Time Critical Removal Action Technical Memorandum	March 2011	Draft week of April 25, 2011
Submit Plans and Specifications for Focused Near Shore and Under Shore NAPL Removal to USEPA and pre-qualified remedial contractors	April 6, 2011	April 6, 2011
Meeting to review Plans and Specifications for Focused Near Shore and Under Shore NAPL Removal	April 14, 2011	April 14, 2011
Receive USEPA comments on Plans and Specifications for Focused Near Shore and Under Shore NAPL Removal	--	May 3, 2011
Pre-Bid Meeting	April 19, 2011	April 19, 2011
Receive remedial contractor quotes	May 2011	May 6, 2011
USEPA prepares Proposed Remedial Action Plan	May 15, 2009; to be revised	
USEPA prepares Remedial Action Memo	--	June 23, 2011 (signed)
USEPA correspondence regarding sediment removal outside the cofferdam	--	June 3, 2011
Focused Near Shore and Under Shore NAPL Removal	June – December 2011	June 20, 2011 (mobilization)

*FS Report Revision 1 was delayed to incorporate preliminary Sheboygan River and Harbor dredging project grid areas.

5) Problems or Potential Problems Encountered

- USEPA's comments on the Feasibility Study Revision 2, received May 3, 2011, requests revised volume and cost tables to reflect the completion of near shore and under shore NAPL removal. Since issuing the May 3, 2011 comments, USEPA issued a letter on June 3, 2011 requiring WPSC to address sediment outside the cofferdam, within the top 2.5 feet of sediment that exceeds 45 mg/kg total PAH concentrations. Additional clarification is required to address this comment because sediment outside the cofferdam will also be addressed in the time-critical removal action.
- Several of the Upland Operable Unit groundwater monitoring wells are currently under timber mats or other upland support features associated with ongoing remedial work for the River Operable Unit.

6) Actual or Planned Resolution of Problems or Potential Problems

- A response letter will not be finalized until USEPA clarifies the comment in light of the removal action that will be performed in 2011 outside the cofferdam.





- No groundwater monitoring will be performed for the remainder of 2011 (i.e., December event will not be performed).

Please contact Mr. Brian Bartoszek of IBS at 920.433.2643 if you should have any questions regarding the content of this progress report.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.

A handwritten signature in black ink, appearing to read "Eric J. Tlachac".

Eric J. Tlachac, PE
Senior Engineer

A handwritten signature in black ink, appearing to read "Richard H. Weber".

Richard H. Weber, PE
Principal Engineer

cc : Ms. Jennifer Kahler, NRT (via email only)
Mr. Brian Bartoszek, IBS (via email only)
Mr. John Feeney, WDNR (via email and hard copy)

[File:\1665 October 2011 WPSC Campmarina 111111]

