



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**Region 2 Laboratory
2890 Woodbridge Avenue
Edison , New Jersey 08837
732-906-6886 Phone
732-906-6165 Fax**

July 24, 2013

Graciela Ramirez
Center for Env. Educ., Conservation & Research
Call Box 5100
San German, PR 00683

RE: NOAA -1306011

Enclosed are the results of analyses for samples received by the laboratory between 6/5/2013 and 6/28/2013. The signature below reflects the laboratory's approval of the reported results. If you have any questions concerning this report, please refer to Project Number 1306011 and contact John Birri by phone at 732-906-6886, or via Email at birri.john@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "John R. Bourbon". The signature is written in a cursive style.

John R. Bourbon
Chief, DESA/LB



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 2 Laboratory

Project: NOAA -1306011

Project Number: 1306011

Project Narrative:

The National Environmental Laboratory Accreditation Conference Institute (TNI) is a voluntary environmental laboratory accreditation association of State and Federal agencies. TNI established and promoted a National Environmental Laboratory Accreditation Program (NELAP) that provides a uniform set of standards for the generation of environmental data that are of known and defensible quality. The EPA Region 2 Laboratory is NELAP accredited. The Laboratory tests that are accredited have met all the requirements established under the TNI Standards.

Condition Comments

Sample ID: 1306021-01, field ID NPG 1 - Amber bottle received broken.
Cooler received without ice with temp 18.2 degrees, therefore individual container temp was taken and recorded.

Comment(s):

No additional samples received for laboratory quality control, therefore no sample matrix spikes were run. Several samples presented matrix interference with internal and external standards in the analytical method. These samples are qualified accordingly.

Data Qualifier(s):

- U- The analyte was not detected at or above the Reporting Limit.
- J- The identification of the analyte is acceptable; the reported value is an estimate.
- K- The identification of the analyte is acceptable; the reported value may be biased high.
- L- The identification of the analyte is acceptable; the reported value may be biased low.
- NJ- There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification. The reported value is an estimate.

Reporting Limit(s):

The Laboratory was able to achieve the appropriate limits for each analyte requested.



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Project: NOAA -1306011
Project Number: 1306011

SUMMARY REPORT FOR SAMPLES

Field ID	Laboratory ID	Matrix	Date Sampled	Date Received
NPG 1	1306011-01	Aqueous	06/03/2013 11:32	06/05/2013 15:45
NPG 1 DUP	1306011-02	Aqueous	06/03/2013 11:32	06/05/2013 15:45
NPG 1 Field Blank	1306011-03	Aqueous	06/03/2013 11:32	06/05/2013 15:45
NPG 2	1306011-04	Aqueous	06/03/2013 10:07	06/05/2013 15:45
NPG 5	1306011-05	Aqueous	06/03/2013 10:40	06/05/2013 15:45
NPG Inflow	1306011-06	Aqueous	06/03/2013 09:15	06/05/2013 15:45
NPG Outflow	1306011-07	Aqueous	06/03/2013 09:25	06/05/2013 15:45
NPG 2	1306021-02	Aqueous	06/06/2013 09:40	06/07/2013 18:00
NPG 5	1306021-03	Aqueous	06/06/2013 10:12	06/07/2013 18:00
NPG 5 Dup	1306021-04	Aqueous	06/06/2013 10:12	06/07/2013 18:00
NPG Inflow	1306021-05	Aqueous	06/06/2013 11:14	06/07/2013 18:00
NPG Outflow	1306021-06	Aqueous	06/06/2013 11:24	06/07/2013 18:00
NPG 1	1306078-01	Aqueous	06/27/2013 13:23	06/28/2013 17:35
NPG 2	1306078-02	Aqueous	06/27/2013 13:49	06/28/2013 17:35
NPG 2 DUP	1306078-03	Aqueous	06/27/2013 13:49	06/28/2013 17:35
NPG 2 Field Blank	1306078-04	Aqueous	06/27/2013 13:49	06/28/2013 17:35
NPG 5	1306078-05	Aqueous	06/27/2013 13:07	06/28/2013 17:35
NPG Inflow	1306078-06	Aqueous	06/27/2013 14:11	06/28/2013 17:35
NPG Outflow	1306078-07	Aqueous	06/27/2013 14:24	06/28/2013 17:35



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SUMMARY REPORT FOR METHODS

Analysis	Method	Certification	Matrix
Polyaromatic Hydrocarbons 301H	EPA 625 / SOP C-90		Aqueous



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Project: NOAA -1306011

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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 1

Sample ID: 1306011-01

NVOA GCMS

1-Methylphenanthrene	---	U	5.5	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.5	ug/L
2,6-Dimethylnaphthalene	---	U	5.5	ug/L
2-Methylnaphthalene	---	U	5.5	ug/L
Acenaphthene	---	U	5.5	ug/L
Acenaphthylene	---	U	5.5	ug/L
Anthracene	---	U	5.5	ug/L
Benzo(A)Anthracene	---	U	5.5	ug/L
Benzo(A)Pyrene	---	U	5.5	ug/L
Benzo(B)Fluoranthene	---	U	5.5	ug/L
Benzo(G,H,I)Perylene	---	U	5.5	ug/L
Benzo(K)Fluoranthene	---	U	5.5	ug/L
Chrysene	---	U	5.5	ug/L
Dibenzo(A,H)Anthracene	---	U	5.5	ug/L
Fluoranthene	---	U	5.5	ug/L
Fluorene	---	U	5.5	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.5	ug/L
Naphthalene	---	U	5.5	ug/L
Phenanthrene	---	U	5.5	ug/L
1-Methylnaphthalene	---	U	5.5	ug/L
Benzo(E)Pyrene	---	U	5.5	ug/L
Biphenyl	---	U	5.5	ug/L



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**Project: NOAA -1306011
Project Number: 1306011**

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 1

Sample ID: 1306011-01

NVOA GCMS

Perylene	---	U	5.5	ug/L
Pyrene	---	U	5.5	ug/L

Field ID: NPG 1 DUP

Sample ID: 1306011-02

NVOA GCMS

1-Methylphenanthrene	---	U	5.3	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.3	ug/L
2,6-Dimethylnaphthalene	---	U	5.3	ug/L
2-Methylnaphthalene	---	U	5.3	ug/L
Acenaphthene	---	U	5.3	ug/L
Acenaphthylene	---	U	5.3	ug/L
Anthracene	---	U	5.3	ug/L
Benzo(A)Anthracene	---	U J	5.3	ug/L
Benzo(A)Pyrene	---	U J	5.3	ug/L
Benzo(B)Fluoranthene	---	U J	5.3	ug/L
Benzo(G,H,I)Perylene	---	U J	5.3	ug/L
Benzo(K)Fluoranthene	---	U J	5.3	ug/L
Chrysene	---	U J	5.3	ug/L
Dibenzo(A,H)Anthracene	---	U J	5.3	ug/L
Fluoranthene	---	U	5.3	ug/L
Fluorene	---	U	5.3	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U J	5.3	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 1 DUP

Sample ID: 1306011-02

NVOA GCMS

Naphthalene	---	U	5.3	ug/L
Phenanthrene	---	U	5.3	ug/L
1-Methylnaphthalene	---	U	5.3	ug/L
Benzo(E)Pyrene	---	U J	5.3	ug/L
Biphenyl	---	U	5.3	ug/L
Perylene	---	U J	5.3	ug/L
Pyrene	---	U	5.3	ug/L

Field ID: NPG 1 Field Blank

Sample ID: 1306011-03

NVOA GCMS

1-Methylphenanthrene	---	U	5.5	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.5	ug/L
2,6-Dimethylnaphthalene	---	U	5.5	ug/L
2-Methylnaphthalene	---	U	5.5	ug/L
Acenaphthene	---	U	5.5	ug/L
Acenaphthylene	---	U	5.5	ug/L
Anthracene	---	U	5.5	ug/L
Benzo(A)Anthracene	---	U	5.5	ug/L
Benzo(A)Pyrene	---	U	5.5	ug/L
Benzo(B)Fluoranthene	---	U	5.5	ug/L
Benzo(G,H,I)Perylene	---	U	5.5	ug/L
Benzo(K)Fluoranthene	---	U	5.5	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 1 Field Blank

Sample ID: 1306011-03

NVOA GCMS

Chrysene	---	U	5.5	ug/L
Dibenzo(A,H)Anthracene	---	U	5.5	ug/L
Fluoranthene	---	U	5.5	ug/L
Fluorene	---	U	5.5	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.5	ug/L
Naphthalene	---	U	5.5	ug/L
Phenanthrene	---	U	5.5	ug/L
1-Methylnaphthalene	---	U	5.5	ug/L
Benzo(E)Pyrene	---	U	5.5	ug/L
Biphenyl	---	U	5.5	ug/L
Perylene	---	U	5.5	ug/L
Pyrene	---	U	5.5	ug/L

Field ID: NPG 2

Sample ID: 1306011-04

NVOA GCMS

1-Methylphenanthrene	---	U	5.2	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.2	ug/L
2,6-Dimethylnaphthalene	---	U	5.2	ug/L
2-Methylnaphthalene	---	U	5.2	ug/L
Acenaphthene	---	U	5.2	ug/L
Acenaphthylene	---	U	5.2	ug/L
Anthracene	---	U	5.2	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 2

Sample ID: 1306011-04

NVOA GCMS

Benzo(A)Anthracene	---	U	5.2	ug/L
Benzo(A)Pyrene	---	U	5.2	ug/L
Benzo(B)Fluoranthene	---	U	5.2	ug/L
Benzo(G,H,I)Perylene	---	U	5.2	ug/L
Benzo(K)Fluoranthene	---	U	5.2	ug/L
Chrysene	---	U	5.2	ug/L
Dibenzo(A,H)Anthracene	---	U	5.2	ug/L
Fluoranthene	---	U	5.2	ug/L
Fluorene	---	U	5.2	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.2	ug/L
Naphthalene	---	U	5.2	ug/L
Phenanthrene	---	U	5.2	ug/L
1-Methylnaphthalene	---	U	5.2	ug/L
Benzo(E)Pyrene	---	U	5.2	ug/L
Biphenyl	---	U	5.2	ug/L
Perylene	---	U	5.2	ug/L
Pyrene	---	U	5.2	ug/L

Field ID: NPG 5

Sample ID: 1306011-05

NVOA GCMS

1-Methylphenanthrene	---	U	5.0	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.0	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 5

Sample ID: 1306011-05

NVOA GCMS

2,6-Dimethylnaphthalene	---	U	5.0	ug/L
2-Methylnaphthalene	---	U	5.0	ug/L
Acenaphthene	---	U	5.0	ug/L
Acenaphthylene	---	U	5.0	ug/L
Anthracene	---	U	5.0	ug/L
Benzo(A)Anthracene	---	U	5.0	ug/L
Benzo(A)Pyrene	---	U	5.0	ug/L
Benzo(B)Fluoranthene	---	U	5.0	ug/L
Benzo(G,H,I)Perylene	---	U	5.0	ug/L
Benzo(K)Fluoranthene	---	U	5.0	ug/L
Chrysene	---	U	5.0	ug/L
Dibenzo(A,H)Anthracene	---	U	5.0	ug/L
Fluoranthene	---	U	5.0	ug/L
Fluorene	---	U	5.0	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.0	ug/L
Naphthalene	---	U	5.0	ug/L
Phenanthrene	---	U	5.0	ug/L
1-Methylnaphthalene	---	U	5.0	ug/L
Benzo(E)Pyrene	---	U	5.0	ug/L
Biphenyl	---	U	5.0	ug/L
Perylene	---	U	5.0	ug/L
Pyrene	---	U	5.0	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG Inflow

Sample ID: 1306011-06

NVOA GCMS

1-Methylphenanthrene	---	U J	5.5	ug/L
2,3,5-Trimethylnaphthalene	---	U J	5.5	ug/L
2,6-Dimethylnaphthalene	---	U J	5.5	ug/L
2-Methylnaphthalene	---	U J	5.5	ug/L
Acenaphthene	---	U J	5.5	ug/L
Acenaphthylene	---	U J	5.5	ug/L
Anthracene	---	U J	5.5	ug/L
Benzo(A)Anthracene	---	U J	5.5	ug/L
Benzo(A)Pyrene	---	U J	5.5	ug/L
Benzo(B)Fluoranthene	---	U J	5.5	ug/L
Benzo(G,H,I)Perylene	---	U J	5.5	ug/L
Benzo(K)Fluoranthene	---	U J	5.5	ug/L
Chrysene	---	U J	5.5	ug/L
Dibenzo(A,H)Anthracene	---	U J	5.5	ug/L
Fluoranthene	---	U J	5.5	ug/L
Fluorene	---	U J	5.5	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U J	5.5	ug/L
Naphthalene	---	U J	5.5	ug/L
Phenanthrene	---	U J	5.5	ug/L
1-Methylnaphthalene	---	U J	5.5	ug/L
Benzo(E)Pyrene	---	U J	5.5	ug/L
Biphenyl	---	U J	5.5	ug/L



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Project: NOAA -1306011
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Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: NPG Inflow			Sample ID: 1306011-06	

NVOA GCMS

Perylene	---	U J	5.5	ug/L
Pyrene	---	U J	5.5	ug/L

Field ID: NPG Outflow	Sample ID: 1306011-07
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NVOA GCMS

1-Methylphenanthrene	---	U	5.3	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.3	ug/L
2,6-Dimethylnaphthalene	---	U	5.3	ug/L
2-Methylnaphthalene	---	U	5.3	ug/L
Acenaphthene	---	U	5.3	ug/L
Acenaphthylene	---	U	5.3	ug/L
Anthracene	---	U	5.3	ug/L
Benzo(A)Anthracene	---	U	5.3	ug/L
Benzo(A)Pyrene	---	U	5.3	ug/L
Benzo(B)Fluoranthene	---	U	5.3	ug/L
Benzo(G,H,I)Perylene	---	U	5.3	ug/L
Benzo(K)Fluoranthene	---	U	5.3	ug/L
Chrysene	---	U	5.3	ug/L
Dibenzo(A,H)Anthracene	---	U	5.3	ug/L
Fluoranthene	---	U	5.3	ug/L
Fluorene	---	U	5.3	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.3	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG Outflow

Sample ID: 1306011-07

NVOA GCMS

Naphthalene	---	U	5.3	ug/L
Phenanthrene	---	U	5.3	ug/L
1-Methylnaphthalene	---	U	5.3	ug/L
Benzo(E)Pyrene	---	U	5.3	ug/L
Biphenyl	---	U	5.3	ug/L
Perylene	---	U	5.3	ug/L
Pyrene	---	U	5.3	ug/L

Field ID: NPG 2

Sample ID: 1306021-02

NVOA GCMS

1-Methylphenanthrene	---	U J	5.7	ug/L
2,3,5-Trimethylnaphthalene	---	U J	5.7	ug/L
2,6-Dimethylnaphthalene	---	U J	5.7	ug/L
2-Methylnaphthalene	---	U J	5.7	ug/L
Acenaphthene	---	U J	5.7	ug/L
Acenaphthylene	---	U J	5.7	ug/L
Anthracene	---	U J	5.7	ug/L
Benzo(A)Anthracene	---	U J	5.7	ug/L
Benzo(A)Pyrene	---	U J	5.7	ug/L
Benzo(B)Fluoranthene	---	U J	5.7	ug/L
Benzo(G,H,I)Perylene	---	U J	5.7	ug/L
Benzo(K)Fluoranthene	---	U J	5.7	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 2

Sample ID: 1306021-02

NVOA GCMS

Chrysene	---	U J	5.7	ug/L
Dibenzo(A,H)Anthracene	---	U J	5.7	ug/L
Fluoranthene	---	U J	5.7	ug/L
Fluorene	---	U J	5.7	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U J	5.7	ug/L
Naphthalene	---	U J	5.7	ug/L
Phenanthrene	---	U J	5.7	ug/L
1-Methylnaphthalene	---	U J	5.7	ug/L
Benzo(E)Pyrene	---	U J	5.7	ug/L
Biphenyl	---	U J	5.7	ug/L
Perylene	---	U J	5.7	ug/L
Pyrene	---	U J	5.7	ug/L

Field ID: NPG 5

Sample ID: 1306021-03

NVOA GCMS

1-Methylphenanthrene	---	U	5.6	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.6	ug/L
2,6-Dimethylnaphthalene	---	U	5.6	ug/L
2-Methylnaphthalene	---	U	5.6	ug/L
Acenaphthene	---	U	5.6	ug/L
Acenaphthylene	---	U	5.6	ug/L
Anthracene	---	U	5.6	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 5

Sample ID: 1306021-03

NVOA GCMS

Benzo(A)Anthracene	---	U	5.6	ug/L
Benzo(A)Pyrene	---	U	5.6	ug/L
Benzo(B)Fluoranthene	---	U	5.6	ug/L
Benzo(G,H,I)Perylene	---	U	5.6	ug/L
Benzo(K)Fluoranthene	---	U	5.6	ug/L
Chrysene	---	U	5.6	ug/L
Dibenzo(A,H)Anthracene	---	U	5.6	ug/L
Fluoranthene	---	U	5.6	ug/L
Fluorene	---	U	5.6	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.6	ug/L
Naphthalene	---	U	5.6	ug/L
Phenanthrene	---	U	5.6	ug/L
1-Methylnaphthalene	---	U	5.6	ug/L
Benzo(E)Pyrene	---	U	5.6	ug/L
Biphenyl	---	U	5.6	ug/L
Perylene	---	U	5.6	ug/L
Pyrene	---	U	5.6	ug/L

Field ID: NPG 5 Dup

Sample ID: 1306021-04

NVOA GCMS

1-Methylphenanthrene	---	U	6.1	ug/L
2,3,5-Trimethylnaphthalene	---	U	6.1	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 5 Dup

Sample ID: 1306021-04

NVOA GCMS

2,6-Dimethylnaphthalene	---	U	6.1	ug/L
2-Methylnaphthalene	---	U	6.1	ug/L
Acenaphthene	---	U	6.1	ug/L
Acenaphthylene	---	U	6.1	ug/L
Anthracene	---	U	6.1	ug/L
Benzo(A)Anthracene	---	U	6.1	ug/L
Benzo(A)Pyrene	---	U	6.1	ug/L
Benzo(B)Fluoranthene	---	U	6.1	ug/L
Benzo(G,H,I)Perylene	---	U	6.1	ug/L
Benzo(K)Fluoranthene	---	U	6.1	ug/L
Chrysene	---	U	6.1	ug/L
Dibenzo(A,H)Anthracene	---	U	6.1	ug/L
Fluoranthene	---	U	6.1	ug/L
Fluorene	---	U	6.1	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	6.1	ug/L
Naphthalene	---	U	6.1	ug/L
Phenanthrene	---	U	6.1	ug/L
1-Methylnaphthalene	---	U	6.1	ug/L
Benzo(E)Pyrene	---	U	6.1	ug/L
Biphenyl	---	U	6.1	ug/L
Perylene	---	U	6.1	ug/L
Pyrene	---	U	6.1	ug/L



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Project: NOAA -1306011

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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG Inflow

Sample ID: 1306021-05

NVOA GCMS

1-Methylphenanthrene	---	U J	6.1	ug/L
2,3,5-Trimethylnaphthalene	---	U J	6.1	ug/L
2,6-Dimethylnaphthalene	---	U J	6.1	ug/L
2-Methylnaphthalene	---	U J	6.1	ug/L
Acenaphthene	---	U J	6.1	ug/L
Acenaphthylene	---	U J	6.1	ug/L
Anthracene	---	U J	6.1	ug/L
Benzo(A)Anthracene	---	U J	6.1	ug/L
Benzo(A)Pyrene	---	U J	6.1	ug/L
Benzo(B)Fluoranthene	---	U J	6.1	ug/L
Benzo(G,H,I)Perylene	---	U J	6.1	ug/L
Benzo(K)Fluoranthene	---	U J	6.1	ug/L
Chrysene	---	U J	6.1	ug/L
Dibenzo(A,H)Anthracene	---	U J	6.1	ug/L
Fluoranthene	---	U J	6.1	ug/L
Fluorene	---	U J	6.1	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U J	6.1	ug/L
Naphthalene	---	U J	6.1	ug/L
Phenanthrene	---	U J	6.1	ug/L
1-Methylnaphthalene	---	U J	6.1	ug/L
Benzo(E)Pyrene	---	U J	6.1	ug/L
Biphenyl	---	U J	6.1	ug/L



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Project: NOAA -1306011
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Analyte	Result	Qualifier	Reporting Limit	Units
Field ID: NPG Inflow			Sample ID: 1306021-05	

NVOA GCMS

Perylene	---	U J	6.1	ug/L
Pyrene	---	U J	6.1	ug/L

Field ID: NPG Outflow	Sample ID: 1306021-06
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NVOA GCMS

1-Methylphenanthrene	---	U J	6.6	ug/L
2,3,5-Trimethylnaphthalene	---	U J	6.6	ug/L
2,6-Dimethylnaphthalene	---	U J	6.6	ug/L
2-Methylnaphthalene	---	U J	6.6	ug/L
Acenaphthene	---	U J	6.6	ug/L
Acenaphthylene	---	U J	6.6	ug/L
Anthracene	---	U J	6.6	ug/L
Benzo(A)Anthracene	---	U J	6.6	ug/L
Benzo(A)Pyrene	---	U J	6.6	ug/L
Benzo(B)Fluoranthene	---	U J	6.6	ug/L
Benzo(G,H,I)Perylene	---	U J	6.6	ug/L
Benzo(K)Fluoranthene	---	U J	6.6	ug/L
Chrysene	---	U J	6.6	ug/L
Dibenzo(A,H)Anthracene	---	U J	6.6	ug/L
Fluoranthene	---	U J	6.6	ug/L
Fluorene	---	U J	6.6	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U J	6.6	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG Outflow

Sample ID: 1306021-06

NVOA GCMS

Naphthalene	---	U J	6.6	ug/L
Phenanthrene	---	U J	6.6	ug/L
1-Methylnaphthalene	---	U J	6.6	ug/L
Benzo(E)Pyrene	---	U J	6.6	ug/L
Biphenyl	---	U J	6.6	ug/L
Perylene	---	U J	6.6	ug/L
Pyrene	---	U J	6.6	ug/L

Field ID: NPG 1

Sample ID: 1306078-01

NVOA GCMS

1-Methylphenanthrene	---	U	5.3	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.3	ug/L
2,6-Dimethylnaphthalene	---	U	5.3	ug/L
2-Methylnaphthalene	---	U	5.3	ug/L
Acenaphthene	---	U	5.3	ug/L
Acenaphthylene	---	U	5.3	ug/L
Anthracene	---	U	5.3	ug/L
Benzo(A)Anthracene	---	U	5.3	ug/L
Benzo(A)Pyrene	---	U L	5.3	ug/L
Benzo(B)Fluoranthene	---	U L	5.3	ug/L
Benzo(G,H,I)Perylene	---	U L	5.3	ug/L
Benzo(K)Fluoranthene	---	U L	5.3	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 1

Sample ID: 1306078-01

NVOA GCMS

Chrysene	---	U L	5.3	ug/L
Dibenzo(A,H)Anthracene	---	U L	5.3	ug/L
Fluoranthene	---	U	5.3	ug/L
Fluorene	---	U	5.3	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U L	5.3	ug/L
Naphthalene	---	U	5.3	ug/L
Phenanthrene	---	U	5.3	ug/L
1-Methylnaphthalene	---	U	5.3	ug/L
Benzo(E)Pyrene	---	U L	5.3	ug/L
Biphenyl	---	U	5.3	ug/L
Perylene	---	U L	5.3	ug/L
Pyrene	---	U	5.3	ug/L

Field ID: NPG 2

Sample ID: 1306078-02

NVOA GCMS

1-Methylphenanthrene	---	U	5.2	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.2	ug/L
2,6-Dimethylnaphthalene	---	U	5.2	ug/L
2-Methylnaphthalene	---	U	5.2	ug/L
Acenaphthene	---	U	5.2	ug/L
Acenaphthylene	---	U	5.2	ug/L
Anthracene	---	U	5.2	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 2

Sample ID: 1306078-02

NVOA GCMS

Benzo(A)Anthracene	---	U	5.2	ug/L
Benzo(A)Pyrene	---	U J	5.2	ug/L
Benzo(B)Fluoranthene	---	U J	5.2	ug/L
Benzo(G,H,I)Perylene	---	U J	5.2	ug/L
Benzo(K)Fluoranthene	---	U J	5.2	ug/L
Chrysene	---	U J	5.2	ug/L
Dibenzo(A,H)Anthracene	---	U J	5.2	ug/L
Fluoranthene	---	U	5.2	ug/L
Fluorene	---	U	5.2	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U J	5.2	ug/L
Naphthalene	---	U	5.2	ug/L
Phenanthrene	---	U	5.2	ug/L
1-Methylnaphthalene	---	U	5.2	ug/L
Benzo(E)Pyrene	---	U J	5.2	ug/L
Biphenyl	---	U	5.2	ug/L
Perylene	---	U J	5.2	ug/L
Pyrene	---	U	5.2	ug/L

Field ID: NPG 2 DUP

Sample ID: 1306078-03

NVOA GCMS

1-Methylphenanthrene	---	U J	5.4	ug/L
2,3,5-Trimethylnaphthalene	---	U J	5.4	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 2 DUP

Sample ID: 1306078-03

NVOA GCMS

2,6-Dimethylnaphthalene	---	U J	5.4	ug/L
2-Methylnaphthalene	---	U J	5.4	ug/L
Acenaphthene	---	U J	5.4	ug/L
Acenaphthylene	---	U J	5.4	ug/L
Anthracene	---	U J	5.4	ug/L
Benzo(A)Anthracene	---	U J	5.4	ug/L
Benzo(A)Pyrene	---	U J	5.4	ug/L
Benzo(B)Fluoranthene	---	U J	5.4	ug/L
Benzo(G,H,I)Perylene	---	U J	5.4	ug/L
Benzo(K)Fluoranthene	---	U J	5.4	ug/L
Chrysene	---	U J	5.4	ug/L
Dibenzo(A,H)Anthracene	---	U J	5.4	ug/L
Fluoranthene	---	U J	5.4	ug/L
Fluorene	---	U J	5.4	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U J	5.4	ug/L
Naphthalene	---	U J	5.4	ug/L
Phenanthrene	---	U J	5.4	ug/L
1-Methylnaphthalene	---	U J	5.4	ug/L
Benzo(E)Pyrene	---	U J	5.4	ug/L
Biphenyl	---	U J	5.4	ug/L
Perylene	---	U J	5.4	ug/L
Pyrene	---	U J	5.4	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 2 Field Blank

Sample ID: 1306078-04

NVOA GCMS

1-Methylphenanthrene	---	U	5.7	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.7	ug/L
2,6-Dimethylnaphthalene	---	U	5.7	ug/L
2-Methylnaphthalene	---	U	5.7	ug/L
Acenaphthene	---	U	5.7	ug/L
Acenaphthylene	---	U	5.7	ug/L
Anthracene	---	U	5.7	ug/L
Benzo(A)Anthracene	---	U	5.7	ug/L
Benzo(A)Pyrene	---	U	5.7	ug/L
Benzo(B)Fluoranthene	---	U	5.7	ug/L
Benzo(G,H,I)Perylene	---	U	5.7	ug/L
Benzo(K)Fluoranthene	---	U	5.7	ug/L
Chrysene	---	U	5.7	ug/L
Dibenzo(A,H)Anthracene	---	U	5.7	ug/L
Fluoranthene	---	U	5.7	ug/L
Fluorene	---	U	5.7	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.7	ug/L
Naphthalene	---	U	5.7	ug/L
Phenanthrene	---	U	5.7	ug/L
1-Methylnaphthalene	---	U	5.7	ug/L
Benzo(E)Pyrene	---	U	5.7	ug/L
Biphenyl	---	U	5.7	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 2 Field Blank

Sample ID: 1306078-04

NVOA GCMS

Perylene	---	U	5.7	ug/L
Pyrene	---	U	5.7	ug/L

Field ID: NPG 5

Sample ID: 1306078-05

NVOA GCMS

1-Methylphenanthrene	---	U	5.7	ug/L
2,3,5-Trimethylnaphthalene	---	U	5.7	ug/L
2,6-Dimethylnaphthalene	---	U	5.7	ug/L
2-Methylnaphthalene	---	U	5.7	ug/L
Acenaphthene	---	U	5.7	ug/L
Acenaphthylene	---	U	5.7	ug/L
Anthracene	---	U	5.7	ug/L
Benzo(A)Anthracene	---	U	5.7	ug/L
Benzo(A)Pyrene	---	U L	5.7	ug/L
Benzo(B)Fluoranthene	---	U L	5.7	ug/L
Benzo(G,H,I)Perylene	---	U L	5.7	ug/L
Benzo(K)Fluoranthene	---	U L	5.7	ug/L
Chrysene	---	U L	5.7	ug/L
Dibenzo(A,H)Anthracene	---	U L	5.7	ug/L
Fluoranthene	---	U	5.7	ug/L
Fluorene	---	U	5.7	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U L	5.7	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG 5

Sample ID: 1306078-05

NVOA GCMS

Naphthalene	---	U	5.7	ug/L
Phenanthrene	---	U	5.7	ug/L
1-Methylnaphthalene	---	U	5.7	ug/L
Benzo(E)Pyrene	---	U L	5.7	ug/L
Biphenyl	---	U	5.7	ug/L
Perylene	---	U L	5.7	ug/L
Pyrene	---	U	5.7	ug/L

Field ID: NPG Inflow

Sample ID: 1306078-06

NVOA GCMS

1-Methylphenanthrene	---	U	5.5	ug/L
2,3,5-Trimethylnaphthalene	---	U J	5.5	ug/L
2,6-Dimethylnaphthalene	---	U J	5.5	ug/L
2-Methylnaphthalene	---	U J	5.5	ug/L
Acenaphthene	---	U J	5.5	ug/L
Acenaphthylene	---	U J	5.5	ug/L
Anthracene	---	U	5.5	ug/L
Benzo(A)Anthracene	---	U	5.5	ug/L
Benzo(A)Pyrene	---	U	5.5	ug/L
Benzo(B)Fluoranthene	---	U	5.5	ug/L
Benzo(G,H,I)Perylene	---	U	5.5	ug/L
Benzo(K)Fluoranthene	---	U	5.5	ug/L



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Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG Inflow

Sample ID: 1306078-06

NVOA GCMS

Chrysene	---	U	5.5	ug/L
Dibenzo(A,H)Anthracene	---	U	5.5	ug/L
Fluoranthene	---	U	5.5	ug/L
Fluorene	---	U	5.5	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.5	ug/L
Naphthalene	---	U J	5.5	ug/L
Phenanthrene	---	U	5.5	ug/L
1-Methylnaphthalene	---	U J	5.5	ug/L
Benzo(E)Pyrene	---	U	5.5	ug/L
Biphenyl	---	U J	5.5	ug/L
Perylene	---	U	5.5	ug/L
Pyrene	---	U	5.5	ug/L

Field ID: NPG Outflow

Sample ID: 1306078-07

NVOA GCMS

1-Methylphenanthrene	---	U	5.4	ug/L
2,3,5-Trimethylnaphthalene	---	U J	5.4	ug/L
2,6-Dimethylnaphthalene	---	U J	5.4	ug/L
2-Methylnaphthalene	---	U J	5.4	ug/L
Acenaphthene	---	U J	5.4	ug/L
Acenaphthylene	---	U J	5.4	ug/L
Anthracene	---	U	5.4	ug/L



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Project Number: 1306011

Analyte	Result	Qualifier	Reporting Limit	Units
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Field ID: NPG Outflow

Sample ID: 1306078-07

NVOA GCMS

Benzo(A)Anthracene	---	U	5.4	ug/L
Benzo(A)Pyrene	---	U	5.4	ug/L
Benzo(B)Fluoranthene	---	U	5.4	ug/L
Benzo(G,H,I)Perylene	---	U	5.4	ug/L
Benzo(K)Fluoranthene	---	U	5.4	ug/L
Chrysene	---	U	5.4	ug/L
Dibenzo(A,H)Anthracene	---	U	5.4	ug/L
Fluoranthene	---	U	5.4	ug/L
Fluorene	---	U	5.4	ug/L
Indeno(1,2,3-Cd)Pyrene	---	U	5.4	ug/L
Naphthalene	---	U J	5.4	ug/L
Phenanthrene	---	U	5.4	ug/L
1-Methylnaphthalene	---	U J	5.4	ug/L
Benzo(E)Pyrene	---	U	5.4	ug/L
Biphenyl	---	U J	5.4	ug/L
Perylene	---	U	5.4	ug/L
Pyrene	---	U	5.4	ug/L