



EnviroLab
3600 Second Avenue North
Birmingham, AL 35222
(205) 244 - 4466



Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Discharge Upstream
Sample ID: 2018111601-001
Date Collected: 11/15/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: A. Moss

Parameters	Results	Units	Analyst	Date	MCL	Method
Acenaphthene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Acenaphthylene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Anthracene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Benzo(a)anthracene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Benzo(a)pyrene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Benzo(b)fluoranthene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Benzo(g,h,i)perylene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Benzo(k)fluoranthene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Chrysene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Dibenz(a,h)anthracene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Fluoranthene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Fluorene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Indeno[1,2,3,-cd]pyrene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Naphthalene	858	ug/L	Mstoudemire	11/30/2018		EPA 625
Phenanthrene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625
Pyrene	< 5.0	ug/L	Mstoudemire	11/30/2018		EPA 625

Approved By: DFELTON 12/5/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
- (3) Code of Federal Regulations, Title 40, Part 136 Appendix A, Revised July 1995



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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: #2 Midstream
Sample ID: 2018100310-002
Date Collected: 10/1/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: T.Perry

Parameters	Results	Units	Analyst	Date	MCL	Method
Oil and Grease	1040	mg/L	OKelly	10/9/2018		EPA 1664

Approved By: DFELTON 10/18/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wasters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wasters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: #3 Upstream
Sample ID: 2018100310-003
Date Collected: 10/1/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: T.Perry

Parameters	Results	Units	Analyst	Date	MCL	Method
Oil and Grease	792	mg/L	OKelly	10/9/2018		EPA 1664

Approved By: DFELTON 10/18/2018

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METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewater. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewater. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Trip Blank
Sample ID: 2018100310-004
Date Collected: 10/1/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: J.Keedy

Parameters	Results	Units	Analyst	Date	MCL	Method
Oil and Grease	<5.0	mg/L	OKelly	10/9/2018		EPA 1664

Approved By: DFELTON 10/18/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: 1169 Bankhead Hwy
Sample ID: 2018100311-001
Date Collected: 10/1/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: A. Moss

Parameters	Results	Units	Analyst	Date	MCL	Method
Oil and Grease	<5.0	mg/L	OKelly	10/9/2018		EPA 1664

Approved By: DFELTON 10/18/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Trip Blank
Sample ID: 2018100311-002
Date Collected: 10/1/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: J.Keedy

Parameters	Results	Units	Analyst	Date	MCL	Method
Oil and Grease	<5.0	mg/L	OKelly	10/9/2018		EPA 1664

Approved By: DFELTON 10/18/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Storm Drain # 2
Sample ID: 2018100814-001
Date Collected: 10/4/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: E.J. Munnerlyn

Parameters	Results	Units	Analyst	Date	MCL	Method
TPH, for liquids	1.000	mg/L	OKelly	10/18/2018		EPA 1664E

Approved By: DFELTON 10/19/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Loading Dock
Sample ID: 2018100814-002
Date Collected: 10/4/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: E.J. Munnerlyn

Parameters	Results	Units	Analyst	Date	MCL	Method
TPH, for liquids	2.00	mg/L	OKelly	10/18/2018		EPA 1664E

Approved By: DFELTON 10/19/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Stormwater Discharge to Ditch
Sample ID: 2018100814-003
Date Collected: 10/4/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: E.J. Munnerlyn

Parameters	Results	Units	Analyst	Date	MCL	Method
TPH, for liquids	794	mg/L	OKelly	10/18/2018		EPA 1664E

Approved By: DFELTON 10/19/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wasters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wasters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
- (3) Code of Federal Regulations, Title 40, Part 136 Appendix A, Revised July 1995



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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: 1st Boom Area (Black Oil)
Sample ID: 2018100814-004
Date Collected: 10/4/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: E.J. Munnerlyn

Parameters	Results	Units	Analyst	Date	MCL	Method
TPH, for liquids	7.00	mg/L	OKelly	10/18/2018		EPA 1664E

Approved By: DFELTON 10/19/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Middle Ditch Area
Sample ID: 2018100814-005
Date Collected: 10/4/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: E.J. Munnerlyn

Parameters	Results	Units	Analyst	Date	MCL	Method
TPH, for liquids	234	mg/L	OKelly	10/18/2018		EPA 1664E

Approved By: DFELTON 10/19/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
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EnviroLab

Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Ditch Going Under Roadway
Sample ID: 2018100814-006
Date Collected: 10/4/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: E.J. Munnerlyn

Parameters	Results	Units	Analyst	Date	MCL	Method
TPH, for liquids	26.0	mg/L	OKelly	10/18/2018		EPA 1664E

Approved By: DFELTON 10/19/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewater. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewater. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Trip Blank
Sample ID: 2018100814-007
Date Collected: 10/4/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Raw Water
Collector: J.Keedy

Parameters	Results	Units	Analyst	Date	MCL	Method
TPH, for liquids	<1	mg/L	OKelly	10/18/2018		EPA 1664E

Approved By: DFELTON 10/19/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Trip Blank
Sample ID: 2018100816-001
Date Collected: 10/8/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Drinking Water
Collector: A. Moss

Parameters	Results	Units	Analyst	Date	MCL	Method
E-Coli	Absent	cfu/100ml	DGesualdo	10/9/2018		SM 9223B PA
Total Coliform	Absent	cfu/100ml	DGesualdo	10/9/2018		SM 9223B PA

Approved By: OKelly 10/9/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wasters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wasters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
- (3) Code of Federal Regulations, Title 40, Part 136 Appendix A, Revised July 1995



EnviroLab
3600 Second Avenue North
Birmingham, AL 35222
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Oil and Grease

System: BWWB
Laboratory: EnviroLab
Site: Ditch Below Sewer Line
Sample ID: 2018100816-002
Date Collected: 10/8/2018

EPA ID: AL00028
State ID: 30010
PWS ID: 0000738
Matrix: Drinking Water
Collector: A. Moss

Parameters	Results	Units	Analyst	Date	MCL	Method
E-Coli	Present	cfu/100ml	DGesualdo	10/9/2018		SM 9223B PA
Total Coliform	Present	cfu/100ml	DGesualdo	10/9/2018		SM 9223B PA

Approved By: OKelly 10/9/2018

METHOD REFERENCES

- (1) Methods for Chemical Analysis of Water. EPA-500 Series (Organic Compounds in Drinking Water)
- (2) Methods for Chemical Analysis of Water and Wastewaters. EPA 200 (Water and Waste)
- (3) Methods for Chemical Analysis of Water and Wastewaters. EPA-600/4-79-20, revised March 1983, August 1993, May 1994
- (4) Standard Methods for the Examination of Water, 18th, 19th, and 20th Edition, 1998
- (3) Code of Federal Regulations, Title 40, Part 136 Appendix A, Revised July 1995