



**St. Mary's County Metro Commission**  
43990 Commerce Avenue

Thursday, January 16, 2020

Hollywood, Maryland 20636

**Attention: DuWayne Potter**

Report for Lab No: 46260.

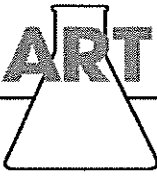
PO Number: 20-00015

Project Identification: Pretreatment Monitoring, NAS Pax River Outfall 002 - 12/17/19

**FINAL**  
**Certificate of Analysis**

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
46260 000001	OUTFALL 002 LANDFILL LEACHATE, COMP	12/17/2019 10:30			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Biochemical Oxygen Demand	7	mg/l	SM 5210 B-01	2	12/18/2019 16:13 IO
Solids (Suspended)	13	mg/l	SM 2540 D-97	1	12/20/2019 18:25 IO
Surfactants (MBAS)	<0.1	mg/l	SM 5540C	0.1	12/19/2019 09:15 MA
Arsenic	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ
Cadmium	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ
Chromium	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ
Copper	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ
Lead	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ
Mercury	<0.0005	mg/l	EPA 245.1	0.0005	01/10/2020 13:30 CSG
Nickel	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ
Silver	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ
Thallium	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ
Zinc	<0.02	mg/l	EPA 200.8	0.02	01/10/2020 12:42 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
46260 000002	OUTFALL 002 LANDFILL LEACHATE, GRAB	12/17/2019 10:25			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Cyanide (total) (Kelada method)	<0.005	mg/l	EPA 335.4	0.005	12/30/2019 14:00 CSG
Oil and Grease (HEM)	<5	mg/l	EPA 1664 A	5	01/03/2020 10:00 IO
pH	7.3	units	SM 4500H-B		12/17/2019 10:25 JT



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SMPLOG03

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**Notes and references:**

40CFR136=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 136, Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. SM="Standard Methods for the Examination of Water and Wastewater", American Public Health Association, American Water Works Association, and Water Environment Federation.

All samples tested were in acceptable condition, unless otherwise noted.  
The results presented herein relate only to the samples or items tested.

  
Project Manager

