



DEPARTMENT OF THE NAVY
NAVAL AIR STATION
22268 CEDAR POINT ROAD
PATUXENT RIVER, MARYLAND 20670-1154

8090
Ser N45/189

APR 25 2019


Mr. DuWayne Potter
St. Mary's County Metropolitan Commission
Pretreatment Coordinator
Industrial Pretreatment Section
43990 Commerce Ave.
Hollywood, MD 20636

Dear Mr. Potter:

Enclosed is the Industrial Wastewater Discharge Monitoring Report for the period of January 1, 2019 to March 31, 2019 as required by the St. Mary's County Metropolitan Commission Wastewater Contribution Permit No. 16-WP-001.

If you have questions please contact the Naval Facilities Engineering Command Washington, Public Works Department, Environmental Division, point of contact Mr. Mario Maningas, Clean Water Program Manager, at 301-757-4825.

Sincerely,


G. H. WATANABE
Commander, CEC, USN
Public Works Officer
By direction of the
Commanding Officer

Enclosures: 1. Discharge Monitoring Report Outfall 001
2. Discharge Monitoring Report Outfall 002
3. Laboratory Data Outfall 001
4. Laboratory Data Outfall 002

St. Mary's County Metropolitan Commission
Industrial Wastewater Discharge Monitoring Report

1. Company Name: NAS Patuxent River
 Mailing Address: 22445 Peary Road Bldg 504
 Facility Address: Patuxent River, MD 20670
 Telephone Number: (301) 342-3093
2. Permit Number: 16-WP-001
3. Monitoring Period: From: 01 January 2019 to 31 March 2019
4. Outfall Number: **Outfall #002 – Landfill Leachate**

Parameter	Results	Units	Frequency of Analysis	Sample Type	Number of Ex	Permit Requirement
BOD5	<4	mg/l	1/quarter	24h composite		300 mg/L
TSS	22	mg/l	1/quarter	24h composite		300 mg/L
MBAS	<0.1	mg/l	1/quarter	24h composite		20mg/L
Oil & Grease	<5	mg/l	1/quarter	Grab		100mg/L
Arsenic	<0.02	N/A	1/quarter	24h composite		(1)
Cadmium	<0.02	N/A	1/quarter	24h composite		(1)
Chromium	<0.02	N/A	1/quarter	24h composite		(1)
Copper	<0.02	N/A	1/quarter	24h composite		(1)
Cyanide (Total)	<0.005	N/A	1/quarter	Grab		(1)
Lead	<0.02	N/A	1/quarter	24h composite		(1)
Mercury	<0.0005	N/A	1/quarter	24h composite		(1)
Nickel	<0.02	N/A	1/quarter	24h composite		(1)
Silver	<0.02	N/A	1/quarter	24h composite		(1)
Thallium	<0.02	N/A	1/quarter	24h composite		(1)
Zinc	<0.02	N/A	1/quarter	24h composite		(1)
pH	6.09	SU	1/quarter	Grab		6.0-10.0 SU
Flow	55,000	gpd	Daily (Average)	Measured		(1)

(1) Monitoring required without limitations

5. Certified Statement: Pretreatment standards for this facility are X are not ___ being met on a consistent basis.

6. Comments:

I have personally examined and am familiar with the information submitted in this document and attachments. Based upon my inquiry of those individuals responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

G.H. Watanabe
 Signature of Authorized Representative

25 APR 2019
 Date

CDR G.H. WATANABE CEC USN
 Typed/Printed Signature

ENCLOSURE (2)

MARTEL

NAS Pax River Environmental Protection
22445 Peary Rd., Bldg 504

Thursday, April 18, 2019

Patuxent River, MD 20670

Attention: Trenton London

Report for Lab No: 42194.

Samples picked up by Martel.

P.O. Number: Credit card

Project Identification: 1st Quarter 2019 METCOM Outfall 001

FINAL

Certificate of Analysis

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
42194 000001	Outfall 001, 24 hr comp	03/13/2019 09:30			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Biochemical Oxygen Demand	43	mg/l	SM 5210 B-01	2	03/14/2019 18:47 IO
Solids (Suspended)	44	mg/l	SM 2540 D-97	1	03/18/2019 10:15 CB
Surfactants (MBAS)	0.59	mg/l	SM 5540C	0.1	03/14/2019 09:15 MA
Arsenic	<0.02	mg/l	EPA 200.8	0.02	04/02/2019 15:25 BJ
Cadmium	<0.02	mg/l	EPA 200.8	0.02	04/02/2019 15:25 BJ
Chromium	<0.02	mg/l	EPA 200.8	0.02	04/02/2019 15:25 BJ
Copper	<0.02	mg/l	EPA 200.8	0.02	04/02/2019 15:25 BJ
Lead	<0.02	mg/l	EPA 200.8	0.02	04/02/2019 15:25 BJ
Mercury	<0.0005	mg/l	EPA 245.1	0.0005	04/04/2019 13:20 CSG
Nickel	<0.02	mg/l	EPA 200.8	0.02	04/02/2019 15:25 BJ
Silver	<0.02	mg/l	EPA 200.8	0.02	04/02/2019 15:25 BJ
Zinc	0.05	mg/l	EPA 200.8	0.02	04/02/2019 15:25 BJ
Flow measurement	960000	gallons			03/13/2019 09:25 JT

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time			
42194 000002	Outfall 001, grab	03/13/2019 09:25			
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Oil and Grease (HEM)	<5	mg/l	EPA 1664 A	5	03/21/2019 11:00 IO
Cyanide (total) (Kelada method)	<0.005	mg/l	EPA 335.4	0.005	03/22/2019 12:30 CSG
pH	7.9	units	SM 4500H-B		03/13/2019 09:25 JT

Martel Laboratories JDS Inc.

1025 Cromwell Bridge Road - Baltimore, Maryland 21286
PH 410-825-7790 FAX 410-821-1054

NASPA2

Questions, comments or concerns? Contact your Martel representative or email martel@martellabs.com

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ENCLOSURE (3)

MARTEL



Certificate of Analysis

Martel Laboratories *JDS* Inc.

SMPLOG03

1025 Cromwell Bridge Road - Baltimore, Maryland 21286
PH 410-825-7790 FAX 410-821-1054 EMAIL: martel@martellabs.com

NASPA2

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Notes and references:

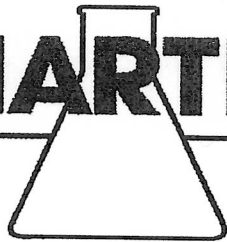
40CFR136=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 136, Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act. SM="Standard Methods for the Examination of Water and Wastewater", American Public Health Association, American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

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


Project Manager

ENCLOSURE (3)

MARTEL



NAS Pax River Environmental Protection
22445 Peary Rd., Bldg 504

Thursday, April 18, 2019

Patuxent River, MD 20670

FINAL
Certificate of Analysis

Attention: Trenton London

Report for Lab No: 42441.

Samples picked up by Martel.

P.O. Number: Credit card

Project Identification: 1st Quarter 2019 METCOM Outfall 002 - 3/26/19

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
42441	000001	PaxMetcom 002A			03/26/2019 10:45
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Oil and Grease (HEM)	<5	mg/l	EPA 1664 A	5	04/15/2019 12:00 IO

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
42441	000002	PaxMetcom 00B			03/26/2019 10:45
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	04/08/2019 13:00 CSG

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
42441	000003	PaxMetcom 002C			03/26/2019 10:45
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Biochemical Oxygen Demand	<4	mg/l	SM 5210 B-01	4	03/27/2019 16:55 IO
Solids (Suspended)	22	mg/l	SM 2540 D-97	1	03/29/2019 14:30 CB
Surfactants (MBAS)	<0.1	mg/l	SM 5540C	0.1	03/28/2019 09:15 MA

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
42441	000004	PaxMetcom 002D			03/26/2019 10:45
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Arsenic	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ
Cadmium	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ
Chromium	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ
Copper	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ
Lead	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ
Mercury	<0.0005	mg/l	EPA 245.1	0.0005	04/04/2019 13:20 CSG
Nickel	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ
Silver	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ
Thallium	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ
Zinc	<0.02	mg/l	EPA 200.8	0.02	04/15/2019 12:36 BJ

Martel Laboratories JDS Inc.

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04/18/2019

ENCLOSURE (4)



MARTEL NO.		CLIENT SAMPLE IDENTIFICATION				Sample Date/Time
42441	000005	Field Measurements				03/26/2019 10:45
Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial	
pH	6.09	units	SM 4500H-B		03/26/2019 10:45 TL	
Flow measurement	55000	gallons			03/26/2019 10:45 TL	

SMPLOG03

1025 Cromwell Bridge Road - Baltimore, Maryland 21286
PH 410-825-7790 FAX 410-821-1054 EMAIL: martel@martellabs.com

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Notes and references:

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


Project Manager

