500 North Centre Street | P.O. Box 389 | Pottsville, PA 17901 | 570.628.5655

ENTECH ENGINEERING

July 24, 2017

RECEIVED
EPA REGION III
AUG 01 2017
NPDES PERMITS BRANCH
(3WP41)

Pretreatment Coordinator (3WP41)
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

Re: Sapa Extruder, Inc.
EPA Permit No. 245985
1st Half 2017 Discharge Monitoring Report

Dear Sir/Madam:

Enclosed please find one (1) copy of the 1st Half Discharge Monitoring Report (DMR) for the period on January 1st, 2017 to June 30th, 2017 submitted on the behalf of Sapa Extruder, Inc. – Mountain Top Operations.

There were no exceedances during the monitoring period.

Please do not hesitate to call if you have any questions regarding this submission.

Sincerely,

Matthew K Sullivan

Matthew Sullivan
Environmental Specialist

Enclosures

cc: A. Patterson, Sapa
E. Pietroski, MAJSA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
DISCHARGE LIMITATIONS & POLLUTANT MONITORING REQUIREMENTS
1ST HALF 2017 DISCHARGE MONITORING REPORT

REPORTING PERIOD: JANUARY 01, 2017 to June 30, 2017
Permit No. PAP245985

Company Name: Sapa Extruder, Inc. - Mountain Top Division
Mailing Address: 330 Elmwood Avenue
Mountain Top, PA 18707
Telephone Number: 570-474-5935

Authorized Representative: Justin Hanks
Title: Interim Plant Manager

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Justin Hanks, Interim Plant Manager

Date 7-27-17

Sapa Extruder, Inc.
Anodizing WWTP-1
Permit No. PAP245985
Monitoring Period: January 1, 2017 to June 30, 2017

Sample Date	Sample Time	Results (mg/L)					Flow Rate (MGD)		Calculated Mass Discharge (#/day)*			
		pH	Cr	Zn	CN	O&G			Cr	Zn	CN	O&G
29-Jun-17	10:00AM	7.47	<0.001	<0.100	<0.05	31.3	0.035476		0.0003	0.03	0.01	9.26
							Limits	Daily Max	0.5341	1.4601	0.288	14.296
								Monthly Average	0.2162	0.6051	0.1164	14.296

Footnotes:
* Lab reported concentration values (mg/L) were converted to daily mass quantities (lbs/day) by:
lbs/day= (mg/L) X Daily Flow in Million Gallons X 8.34 lbs/gallon

HAWKMTN
LABS INC

201 West Clay Avenue / Hazle Township, PA 18202
PHONE (570) 455-6011 - FAX (570) 455-6321
www.hawkmtnlabs.com

Report Narrative

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 7/19/2017

HawkMtn WO #: 1706-01348
Subject Line: 1st Half DMR Testing

Any information provided by client (CLT) has not been performed by HML and is not within the HML scope of accreditation.

All solid samples are reported on "a dry weight" basis unless otherwise noted.

The test results meet the requirements of 25 PA Code and Chapter 252, except where noted.
The information contained in this analytical report is the sole property of Hawk MTN Laboratories, Inc. and that of the client. It cannot be reproduced in any form without the consent of Hawk MTN Labs, Inc. or the client for which this report was issued. The results contained in this report(s) are only representative of the sample(s) received. Conditions are dependant on location and time of the sampling event.
Hawk MTN Laboratories, Inc. is not responsible for use or interpretation of the data included herein.

PA DEP 40-417
EPA PA00169

HAWKMTN LABS INC

201 West Clay Avenue / Hazle Township, PA 18202
PHONE (570) 455-6011 - FAX (570) 455-6321
www.hawkmtnlabs.com

Certificate of Analysis

Customer: Sapa Extruder, Inc.
330 Elmwood Avenue
Crestwood Industrial Park
Mountaintop, PA 18707-0098

Report Date: 7/19/2017

Material Tested: Non Potable Water
Date Sampled: 06/29/2017 Time Sampled: 10:00
Date Received: 06/29/2017

HawkMtn WO #: 1706-01348-001
Sampler: Client
Sample Point ID: 1st Half 2017

Client Sample ID: Sapa 1st Half 2017 DMR Testing

Test Name	Test Results	Dilution Factor	Quant Limit	Method	Qual	Tech	Start Date/Time	End Date/Time
Chromium, Total ICP-MS	<0.001 mg/l	1	0.001	EPA 200.8		KLM	7/12/17 13:56	
Zinc, Total	<0.100 mg/l	5	0.020	EPA 200.7		KO	7/18/17 23:22	
Oil and Grease	31.3 mg/l	1	21.7	EPA 1664		DS	7/3/17 8:00	
Cyanide, Total	<0.05 mg/l	1	0.05	SM 4500-CN-E		NH	7/7/17 12:08	

These results relate only to the sample noted above.

This certificate is not to be reproduced except in full, without the written approval of HawkMtn Labs

Jeff Gittleman, Lab Director

PA DEP 40-417
EPA PA00169

Work Order #: **1706-01348**
Site Name: **Sapa Extruder, Inc.**
Pick Up Date:

Chain of Custody & Analysis Record

Hawk Mountain Labs, Inc.
201 West Clay Ave, Hazle Township, PA 18202
Ph.(570) 455-6011 Fax (570) 455-6321

Printed By: AP
Bottles made by: HH

Approved By: BW
Checked By: JTO

Composite
Start Date: 6-28-17 Time: 1000am
End Date: 6-29-17 Time: 10:00am

Grab
Date: 6-28-17 Time: 11:00am
Date: 6-29-17 Time: 9am
Date: Time:
Date: Time:

Smp#	Bottle	Preservative	Rcvd	Smp#	Bottle	Preservative	Rcvd
001	2 Glass, 1 Liter	H2SO4	✓				
001	1 Plastic, 500 mL	NaOH Pellets	✓				
001	Plastic, 250 mL	HNO3	✓				

Smp #	Smp Site	Matrix/ Smp Type	Tests				Temp Upon Receipt	Sample Date	Sample Time	Field pH	Field Cl	Field Temp
001	Sapa 1st Half 2017 DMR Testing	Non Potable Wa	TM-CR-MS	TM-ZN-T	WA-O&G	WA-CN-T	6.9 °C	6-29-17	24hours	7.13	—	°C

7.87B
7.47 Composite

Receipt Info: Recieved on ice? (Y) / N
Samples intact? (Y) / N
COC intact and complete? (Y) / N
Correct containers? (Y) / N
Adquate samples? (Y) / N
~~Volatiles: Headspace present?~~ ~~Y / N~~
Completed by: SB
Samples/COC/Analysis agree? (Y) / N

Sampled By: Robert Franks
Field Meter ID: N/A
Notes:

Flow Required - Y / N
SWL Required - Y/N

		Date	Time
RELINQUISHED BY:		6-29-17	11:45am
RECEIVED BY:		6-29-17	2:30pm
RELINQUISHED BY:		6-29-17	12:08
RECEIVED AT LAB:		6/29/17	13:35
LOGGED IN AT LAB:		6/29/17	1340

Filtered by:____ Field or Lab

SP-008-F02B Rev 003

6/22/2017

Sapa Extruder, Inc.
2017 Wastewater Treatment- Anondizing
Production Total
Period: January 1, 2017 to June 30, 2017

	Flow	Production	
Month	Gallons / month	Lbs Off-Press	million off Lbs/day
January	818,137	2,280,598	0.07357
February	931,009	2,042,854	0.07296
March	991,715	2,303,832	0.07432
April	988,517	2,312,363	0.07708
May	925,313	2,455,418	0.07921
June	1,134,993	1,996,762	0.06656

Process Specific Production Rates (million off lbs/day)

Process	January	February	March	April	May	June
Soap	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Soap Rinse	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Acid Etch	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Acid Etch Rinse	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Etch Desmut	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Etch Desmut Rinse	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
NaOH Etch B	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
NaOH Etch Rinse 1	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
NaOH Etch A	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
NaOH Etch Rinse 2 & 3	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
NaOH Etch Scrubber	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Bright Dip	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Bright Dip Rinse 1, 2, & 3	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Bright Dip Scrubber	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Desmut	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Desmut Rinse	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Anodize A	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Anodize Rinse 1	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Anondize B	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Anodize Rinse 2	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Anondize C	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Anondize Rinse 3	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Anondize Scrubber	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Black Dye	0.0015	0.0015	0.0015	0.0015	0.0016	0.0013
Black Dye Rinse	0.0015	0.0015	0.0015	0.0015	0.0016	0.0013
Gold Dye	0.0001	0.0001	0.0001	0.0002	0.0002	0.0001
Gold Dye Rinse	0.0001	0.0001	0.0001	0.0002	0.0002	0.0001
Nickel Seal Rinse	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Nickel Seal	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Nickel Seal	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Nickel Seal Rinse	0.0316	0.0314	0.0320	0.0331	0.0341	0.0286
Fabrication Soap	0.0029	0.0029	0.0030	0.0031	0.0032	0.0027
Fabrication Soap Rinse	0.0029	0.0029	0.0030	0.0031	0.0032	0.0027
Fabrication Etch	0.0029	0.0029	0.0030	0.0031	0.0032	0.0027
Fabrication Etch Rinse	0.0029	0.0029	0.0030	0.0031	0.0032	0.0027
Fabrication Desmut	0.0029	0.0029	0.0030	0.0031	0.0032	0.0027
Fabrication Desmut Rinse	0.0029	0.0029	0.0030	0.0031	0.0032	0.0027
Fabrication Final Rinse	0.0029	0.0029	0.0030	0.0031	0.0032	0.0027

SAPA Extruder, Inc.
Form E.2-00008-1
Rev. 2 (01/17/17)

SAPA EXTRUDER, INC.
DAILY EFFLUENT LOG

January 2017
Month/Year

DATE:	Discharged Flow (GPD)	Daily pH Reading Low	Daily pH Reading High	List EPA Excursion of pH < 5 Time	List EPA Excursion of pH < 5 Duration (min)	List MAJSA Excursion beyond pH 6-9 Limit Time	List MAJSA Excursion beyond pH 6-9 Limit Duration (min)
1	No Discharge						
2	No Discharge						
3	No Discharge						
4	35297	6.6	8.3				
5	29082	6.9	8.4				
6	29704	7.4	8.0				
7	15451	7.2	6.4				
8	33788	6.4	7.8				
9	32223	7.0	8.1				
10	29003	7.1	8.2				
11	31069	6.9	8.4				
12	21893	6.8	8.8				
13	21429	6.2	8.3				
14	35000	6.1	7.4				
15	35925	7.1	8.6				
16	35808	6.2	7.8				
17	27258	7.0	7.9				
18	26728	6.2	8.6				
19	28422	8.0	9.1			1130am	10
20	30132	8.0	8.6				
21	20607	7.8	8.2				
22	22112	7.9	8.7				
23	22722	7.4	9.2			1115am	10
24	25763	7.5	8.9				
25	30912	6.9	8.8				
26	29930	6.1	8.4				
27	30105	6.6	8.8				
28	30008	6.9	8.9				
29	34200	7.2	8.7				
30	37146	7.8	7.0				
31	36420	7.7	8.3				
AVERAGE	29219						

January 2017 - Total Time of pH Excursions (min): 0 20

This log completed by: Robert Franks Date: _____

SAPA Extruder, Inc.
Form E.2-00008-1
Rev. 2 (01/17/17)

SAPA EXTRUDER, INC.
DAILY EFFLUENT LOG

February 2017
Month/Year

DATE:	Discharged Flow (GPD)	Daily pH Reading Low	Daily pH Reading High	List EPA Excursion of pH < 5 Time	List EPA Excursion of pH < 5 Duration (min)	List MAJSA Excursion beyond pH 6-9 Limit Time	List MAJSA Excursion beyond pH 6-9 Limit Duration (min)
1	35240	6.5	8.1				
2	35807	7.1	8.7				
3	35088	6.9	8.2				
4	30931	6.8	8.8				
5	38083	6.2	8.1				
6	36354	6.1	8.8				
7	27357	6.3	7.5				
8	34340	6.2	8.4				
9	27007	6.2	8.9				
10	30146	6.1	8.4				
11	32166	7.2	8.9				
12	35376	6.5	7.8				
13	35736	7.1	8.6				
14	36032	7.6	8.1				
15	34755	7.6	8.9				
16	34447	6.4	8.5				
17	32973	7.0	8.4				
18	33506	7.1	7.8				
19	39160	6.8	8.5				
20	33324	6.4	8.4				
21	33364	6.6	8.1				
22	32202	6.7	7.4				
23	38860	6.3	8.7				
24	38630	6.1	7.5				
25	22443	6.4	7.6				
26	21337	6.8	8.1				
27	33436	7.0	9.1			11AM	10
28	32909	6.6	7.9				
AVERAGE	33250						

February 2017 - Total Time of pH Excursions (min): 0 10

This log completed by: Robert Franks Date: 3/1/2017

SAPA Extruder, Inc.
Form E.2-00008-1
Rev. 2 (01/17/17)

SAPA EXTRUDER, INC.
DAILY EFFLUENT LOG

March 2017
Month/Year

DATE:	Discharged Flow (GPD)	Daily pH Reading Low	Daily pH Reading High	List EPA Excursion of pH < 5 Time	List EPA Excursion of pH < 5 Duration (min)	List MAJSA Excursion beyond pH 6-9 Limit Time	List MAJSA Excursion beyond pH 6-9 Limit Duration (min)
1	39587	6.2	7.7				
2	33659	6.3	7.4				
3	29042	7.2	8.1				
4	32437	6.8	8.8				
5	30827	6.6	7.6				
6	39134	7.0	8.1				
7	39314	6.4	8.0				
8	36072	6.8	7.5				
9	39147	6.3	7.7				
10	24151	6.9	7.6				
11	27179	6.4	7.1				
12	36352	6.4	7.2				
13	32954	6.8	8.5				
14	No Discharge	6.8	8.5				
15	33143	6.8	7.6				
16	34213	6.8	7.4				
17	33521	7.0	8.2				
18	22141	6.8	7.2				
19	38964	6.2	7.4				
20	35301	6.4	8.6				
21	37290	7.2	8.0				
22	35700	6.9	8.7				
23	34752	6.6	7.8				
24	24049	6.8	7.4				
25	20012	7.1	7.8				
26	20240	6.8	8.6				
27	38062	7.1	7.9				
28	34014	6.6	7.7				
29	38391	6.4	7.6				
30	41873	7.0	7.6				
31	30194	7.2	7.7				
AVERAGE	33057						

March 2017 - Total Time of pH Excursions (min): 0 0

This log completed by: Robert Franks Date: 4/1/2017

SAPA Extruder, Inc.
Form E.2-00008-1
Rev. 2 (01/17/17)

SAPA EXTRUDER, INC.
DAILY EFFLUENT LOG

April 2017
Month/Year

DATE:	Discharged Flow (GPD)	Daily pH Reading Low	Daily pH Reading High	List EPA Excursion of pH < 5 Time	List EPA Excursion of pH < 5 Duration (min)	List MAJSA Excursion beyond pH 6-9 Limit Time	List MAJSA Excursion beyond pH 6-9 Limit Duration (min)
1	10122	6.8	7.2				
2	20554	6.6	7.4				
3	43387	6.1	8.6				
4	41029	6.6	8.0				
5	47471	6.4	7.4				
6	43243	6.8	7.6				
7	20174	6.8	8.0				
8	22829	6.6	7.8				
9	10737	7.1	7.5				
10	48708	7.1	8.7				
11	43505	7.2	8.3				
12	49067	7.2	8.2				
13	34599	6.6	8.1				
14	30767	6.6	7.5				
15	No Discharge	6.6	7.5				
16	No Discharge	6.6	7.5				
17	49103	6.7	8.8				
18	48938	6.4	8.4				
19	49635	6.2	9.1			7PM	30
20	50081	6.6	7.6				
21	44896	6.5	7.7				
22	25716	6.2	7.4				
23	10592	7.1	7.7				
24	50721	6.2	7.6				
25	54162	6.6	9.1			1115AM	5
26	42955	6.7	8.6				
27	34946	7.2	8.0				
28	27543	6.6	8.7				
29	21076	6.2	8.1				
30	11961	6.8	7.4				
AVERAGE	35304						

April 2017 - Total Time of pH Excursions (min): 0 35

This log completed by: Robert Franks Date: 5/1/2017

SAPA Extruder, Inc.
Form E.2-00008-1
Rev. 2 (01/17/17)

SAPA EXTRUDER, INC.
DAILY EFFLUENT LOG

May 2017
Month/Year

DATE:	Discharged Flow (GPD)	Daily pH Reading Low	Daily pH Reading High	List EPA Excursion of pH < 5 Time	List EPA Excursion of pH < 5 Duration (min)	List MAJSA Excursion beyond pH 6-9 Limit Time	List MAJSA Excursion beyond pH 6-9 Limit Duration (min)
1	38492	6.9	8.6				
2	36308	7.0	8.9				
3	38196	7.5	8.5				
4	40909	7.8	8.8				
5	15981	7.4	8.2				
6	5566	7.4	7.8				
7	15807	6.9	7.3				
8	36268	6.2	7.6				
9	35615	7.2	8.8				
10	35790	6.4	8.3				
11	35757	6.7	8.6				
12	21250	7.2	7.8				
13	No Discharge	7.2	7.8				
14	32698	6.2	7.1				
15	35793	6.6	7.7				
16	42648	7.2	8.3				
17	21927	7.2	8.2				
18	37452	7.0	8.0				
19	35791	7.0	8.8				
20	12629	6.4	7.0				
21	15364	6.2	7.1				
22	45806	6.6	8.4				
23	37780	6.2	7.6				
24	36020	7.2	8.6				
25	35260	7.2	8.3				
26	42137	7.6	8.6				
27	30807	7.2	8.3				
28	No Discharge	7.2	8.3				
29	17392	6.8	8.0				
30	44293	6.8	8.2				
31	45577	6.9	8.0				
AVERAGE	31907						

May 2017 - Total Time of pH Excursions (min): 0 0

This log completed by: Robert Franks Date: 6/1/2017

SAPA Extruder, Inc.
Form E.2-00008-1
Rev. 2 (01/17/17)

SAPA EXTRUDER, INC.
DAILY EFFLUENT LOG

June 2017
Month/Year

DATE:	Discharged Flow (GPD)	Daily pH Reading Low	Daily pH Reading High	List EPA Excursion of pH < 5 Time	List EPA Excursion of pH < 5 Duration (min)	List MAJSA Excursion beyond pH 6-9 Limit Time	List MAJSA Excursion beyond pH 6-9 Limit Duration (min)
1	49481	7.2	8.2				
2	35119	6.7	8.6				
3	20152	6.9	8.6				
4	No Discharge	6.9	8.6				
5	43273	6.4	8.4				
6	42622	7.2	7.8				
7	49222	7.4	8.6				
8	51805	6.8	8.9				
9	42380	7.2	7.6				
10	15755	6.9	8.1				
11	14585	7.8	8.4				
12	53599	7.4	8.6				
13	54778	7.8	8.8				
14	55174	6.8	8.2				
15	47686	7.5	8.6				
16	35977	7.5	9.3				
17	35262	6.4	8.5				
18	19065	6.2	6.6				
19	57082	7.1	8.8				
20	47502	7.0	8.9				
21	51209	7.6	8.8				
22	47449	7.0	8.6				
23	36401	6.1	8.6				
24	27101	6.4	7.6				
25	16431	7.3	7.4				
26	51554	6.2	7.8				
27	32821	7.1	7.7				
28	40825	6.2	8.8				
29	35476	6.8	8.0				
30	25207	7.8	8.2				
AVERAGE	39138						

June 2017 - Total Time of pH Excursions (min): 0 0

This log completed by: _____ Date: _____