

## Cummings, Meghan

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, May 17, 2017 12:48 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 04/01/2017-04/30/2017  
**Report Due Date:** 05/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 54332  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: SPRING HILL FARM WWTF ASSN  
 ADDRESS: PO BOX 756, CHADDS FORD PA, 19317  
 FACILITY: SPRINGHILL FARM STP  
 LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
 STAGE: Final Effluent

**PA0052230**  
PERMIT NUMBER

**001**  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 04/01/2017  
 DMR Effective To: 04/30/2017  
 Permit Expires: 12/31/2020  
 Permit Application Due: 07/04/2020  
 No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	04	01	2017	04	30

FROM

**PARAMETERS REPORTED VALUES**

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen	Sample Measurement	***	***	7.6	***	***	Grab	1/day
	Permit Measurement	***	***	5.0 Inst Min	***	***	Grab	1/day
pH	Sample Measurement	***	***	6.5	***	7.7	Grab	1/day
	Permit Measurement	***	***	6.0 Inst Min	***	9.0 IMAX	Grab	1/day
Total Suspended Solids	Sample Measurement	2	***	5	***	***	24-Hr Composite	1/week
	Permit Measurement	25 Avg Mo	***	30 Avg Mo	***	***	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	17.8	***	***	24-Hr Composite	1/week
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	04	***	01	***	***	24-Hr Composite	1/week
	Permit Measurement	5.0 Avg Mo	***	6.0 Avg Mo	***	***	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	1.7	***	6	***	***	24-Hr Composite	1/week
	Permit Measurement	1.7 Avg Mo	***	2.0 Avg Mo	***	***	24-Hr Composite	1/week
Flow	Sample Measurement	.06410	MGD	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Daily Max	***	***	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	.04	***	.11	Grab	1/day
	Permit Measurement	***	***	.06 Avg Mo	***	.14 IMAX	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	20	***	25	Grab	1/week
	Permit Measurement	***	***	200 Avg Mo	***	1000 IMAX	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBO5)	Sample Measurement	1	***	2	***	***	24-Hr Composite	1/week
	Permit Measurement	21 Avg Mo	***	25 Avg Mo	***	***	24-Hr Composite	1/week
<b>Facility Comments</b>								



DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: April-17

Springhill Farm Wastewater Treatment Facility Association

Springhill Drive

Glenn Mills, PA 19342

NPDES permit PA 0052230

This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Rainfall Inches	
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13	485	242	2	1	5	2	0.1	0.04	0.6	0.2	19	18.5	0.02	503	7.3	0.07	0.07	9.2	0.04200	0.0	
14																					
15																					
16																					
17																					
18																					
19																					
20			2	1	5	2	0.1	0.04	0.8	0.3	17	15.5			7.2	0.05	0.05	9.0	0.03950	0.0	
21																					
22																					
23																					
24																					
25																					
26																					
27			2	1	6	2	0.1	0.03	0.3	0.1	25	19.5			6.7	0.01	0.01	8.7	0.04340	0.4	
28																					
29																					
30																					
31																					
Min																					
Max																					
Avg:			2	1	5	2	0.1	0.04	0.6	0.2	25	17.8	0.02	503.0	7.7	0.11	0.04	7.6	0.06410	0.0	
											20									0.04549	0.0

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

There were two fecal coliform samples taken on 11/30

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

<b>Permittee Name:</b> <u>Springhill Farm Wastewater Treatment Facility Association</u>							
<b>Address:</b> <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day			
PA0052230				17	4	01	TO 17 4 30
<b>PARAMETER</b>	<b>ANALYSIS METHOD</b>	<b>LAB NAME</b>	<b>LAB ID NUMBER<sup>2</sup></b>				
cBOD5	S5210B-11	ALS Environmental	22-293				
TSS	S2540D-11	ALS Environmental	22-293				
Fecal Coliform	S9222D-97	ALS Environmental	22-293				
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293				
TDS	S2540C-11	ALS Environmental	22-293				
Total Phosphorous	EPA 365.1	ALS Environmental	22-293				
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671				
TRC & pH	Meter	DELCORA- Operations Meter	23-00671				
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671				
Total Copper	EPA 200.7	ALS Environmental	22-293				
Total Nitrogen	Calculation	ALS Environmental	22-293				
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293				

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.

**Name/Title Principal Executive Officer**

**Phone:** 610-876-5523

**Signature of Principal Executive Officer or  
Authorized Agent**

Michael J. DiSantis, Dir. of O&M

**Date:** 5/3/2017

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.



## SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Facility Name: Spring Hill Farm STP Month: April Year: 2017  
 Municipality: Chadds Ford Township County: Delaware NPDES Permit No.: PA0052230  
 Watershed: 3-G Renewal application due 180 days prior to expiration  
 This permit will expire on: December 31, 2020

### SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

Date	Liquid Sewage Sludge/Biosolids Hauled Off-site		Dewatered Sewage Sludge/Biosolids Hauled Off-site		Sewage Sludge/Biosolids Dewatered and Incinerated On-site		
	Gallons	% Solids	Dry Tons	Tons Dewatered	Dry Tons	% Solids	Dry Tons
4/6/17	15,700		0.000				
4/27/17	18,800		0.000				
TOTAL:							

### SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	DELORA STP	Goose Creek WWTP
Municipality	Chester City	Borough of West Chester
County	Delaware	Chester
DEP Permit No.	PA0027103	PA0027031
Type of Material*	liquid	
Dry Tons Applied/Disposed		
Type of Disposal/Use*	Incineration	Haul Liquid
Hauler Name	McGovern	McGovern
TOTAL:		

\* See instructions for explanation.

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: May 15, 2017



**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP  
 Municipality: Chadds Ford Township County: Delaware  
 Watershed: 3-G

Month: April Year: 2017  
 NPDES Permit No.: PA0052230

Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0637					2,460.0	5.2	3,000.0		
2	0.0641						3.2	3,375.0		
3	0.0401					2,850.0	4.9	2,250.0		
4	0.0434						5.05	4,500.0		
5	0.0433						5.8	2,250.0		
6	0.0529					2,780.0	5.2	3,375.0		
7	0.0451						5.5	4,125.0		
8	0.055					1,970.0	5.6	2,250.0		
9	0.0439						5.4	2,250.0		
10	0.0419					2,430.0	5.7	2,250.0		
11	0.0352						5.55	3,750.0		
12	0.0393						5.5	3,750.0		
13	0.042	465.0	163	242.0	85	3,370.0	4.95	2,250.0		
14	0.0344						4.65	4,500.0		
15	0.0483					2,060.0	5.5	4,500.0		
16	0.0545						5.05	2,250.0		
17	0.0312					2,410.0	2.85	225.0		
18	0.0417						4.8	2,250.0		
19	0.0395						4.9	2,250.0		
20	0.0434						5.2	2,250.0		
21	0.0423					1,900.0	4.6	2,250.0		
22	0.0437					1,520.0	4.9	2,250.0		
23	0.0557						5.85	750.0		
24	0.0476					1,760.0	4.9	1,500.0		
25	0.0469						3.9	1,500.0		
26	0.0397						4.8	2,250.0		
27	0.0417					2,820.0	4.2	1,500.0		
28	0.0434						4.7	4,500.0		
29	0.046					1,670.0	4.8	3,000.0		
30	0.0548						4.2	750.0		
31										
Avg	0.045	465	163	242	85	2,308	5	2,595		
Max	0.064	465	163	242	85	3,370	6	4,500		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 5/3/2017



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

May 15, 2017

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for April 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
April 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for April 2017.

Wastewater Plant

Average Daily Flow: 45,490 gallons. Peak Daily Flow: 64,100 gallons.

Sludge Hauled: 34,500 gallons

Sodium hypochlorite were delivered: 115 gallons

Sodium Thiosulfate were delivered: 10 bags

The Micro spring grease inhibitor bio addition continued throughout the reporting period and continues to control the grease in the wet well as well as reducing the filaments and foaming in the plant process.

On April 17, 2017 the decant pump in the sludge holding tank failed. A large amount of solids were blocking the discharge of the pump. The electrical line was also damaged. A new line was installed. The pump was placed back in service and is working properly.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

May 15, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 2Q 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the second quarter of 2017.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically submitted & signed*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: R. Lohr, SFWTFA  
A. Serock, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, May 17, 2017 12:50 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 04/01/2017-06/30/2017  
**Report Due Date:** 07/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 54334  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: SPRING HILL FARM WWTF ASSN  
 ADDRESS: PO BOX 756, CHADDS FORD PA, 19317  
 FACILITY: SPRINGHILL FARM STP  
 LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
 STAGE: Final Effluent

PA0052230	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2017	04	01	TO 2017	06	30

Reporting Frequency: Quarterly  
 DMR Effective From: 04/01/2017  
 DMR Effective To: 06/30/2017  
 Permit Expires: 12/31/2020  
 Permit Application Due: 07/04/2020  
 No Discharge? No

**PARAMETERS REPORTED VALUES**

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS		
Copper, Total	Sample Measurement	***	***	***	.02	***	mg/L	24-Hr Composite	1/quarter
	Permit Measurement	***	***	***	Monitor & Report Daily Max	***	mg/L	24-Hr Composite	1/quarter
	Sample Measurement	***	***	***	503	***	mg/L	24-Hr Composite	1/quarter
Total Dissolved Solids	Sample Measurement	***	***	***	Monitor & Report Daily Max	***	mg/L	24-Hr Composite	1/quarter
	Permit Measurement	***	***	***					
Facility Comments									





DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

June 12, 2017

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for May 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD: mc  
enclosure

cc: File

ADMINISTRATION

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PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
May 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for May 2017.

Wastewater Plant

Average Daily Flow: 48,770 gallons. Peak Daily Flow: 74,600 gallons.

Sludge Hauled: 26,800 gallons

Sodium hypochlorite was delivered: 145 gallons

Sodium Thiosulfate was delivered: 49 bags

Aluminum Sulfate was delivered: 250 gallons

The Micro spring grease inhibitor bio addition continued throughout the reporting period and continues to control the grease in the wet well as well as reducing the filaments and foaming in the plant process.

On May 8<sup>th</sup> the comminutor was found inoperable. The DELCORA maintenance crew dismantled the unit and found a hard piece of plastic jammed the cutting blades. The unit is in good working order.

A new peristaltic pump was installed used for foam control in the aeration tanks. The old pump was broken beyond repair.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

June 9, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for May 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for May 2017. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD: mc  
enclosure

cc: R. Lohr, SFWTFA  
A. Serock, CFTSA  
File

ADMINISTRATION

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## Cummings, Meghan

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, June 12, 2017 1:32 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 05/01/2017-05/31/2017  
**Report Due Date:** 06/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 56867  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: **SPRING HILL FARM WWTF ASSN**  
 ADDRESS: **PO BOX 756, CHADDS FORD PA, 19317**  
 FACILITY: **SPRINGHILL FARM STP**  
 LOCATION: **90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342**  
 STAGE: **Final Effluent**

**PA0052230**  
PERMIT NUMBER

**001**  
OUTFALL NUMBER

Reporting Frequency: **Monthly**  
 DMR Effective From: **05/01/2017**  
 DMR Effective To: **05/31/2017**  
 Permit Expires: **12/31/2020**  
 Permit Application Due: **07/04/2020**  
 No Discharge? **No**

MONITORING PERIOD			
YEAR	MO	DAY	TO
2017	05	01	31

**PARAMETERS REPORTED VALUES**

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen	Sample Measurement	***	7.4	***	Grab	1/day
	Permit Measurement	***	5.0 Inst Min	***	Grab	1/day
pH	Sample Measurement	***	6.7	***	Grab	1/day
	Permit Measurement	***	6.0 Inst Min	***	Grab	1/day
Total Suspended Solids	Sample Measurement	3	***	8	24-Hr Composite	1/week
	Permit Measurement	25 Avg Mo	***	30 Avg Mo	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	12.5	24-Hr Composite	1/week
	Permit Measurement	***	***	Monitor & Report Avg Mo	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	1.7 Avg Mo	***	2	24-Hr Composite	1/week
	Permit Measurement	***	***	2.0 Avg Mo	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.3 Avg Mo	***	6	24-Hr Composite	1/week
	Permit Measurement	***	***	1.0 Avg Mo	24-Hr Composite	1/week
Flow	Sample Measurement	.4877	MGD	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Avg Mo	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	.03	Grab	1/day
	Permit Measurement	***	***	.06 Avg Mo	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	13	Grab	1/week
	Permit Measurement	***	***	200 Avg Mo	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	1	***	3	24-Hr Composite	1/week
	Permit Measurement	21 Avg Mo	***	25 Avg Mo	24-Hr Composite	1/week
Facility Comments						



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

**ATTACHMENT DETAILS**

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Ltr May 2017.doc	Cover Letter	2017-06-12T13:31:29-04:00	
Springhill Farm Influent and Process Control Form April 2017.xls	Influent and Process Control Form	2017-06-12T10:38:17-04:00	
Springhill Farm Solids Disposal Form May 2017.xls	Sewage Sludge / Biosolids Production and Disposal Form	2017-06-12T10:37:08-04:00	
Springhill Farm Supp S form May 2017.xls	Daily Effluent Monitoring Form	2017-06-12T13:31:47-04:00	
Springhill DMR lab accred. May 2017.doc	Laboratory Accreditation Form	2017-06-12T10:37:55-04:00	

**PERMIT VIOLATIONS**

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Lead Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

**UNAUTHORISED DISCHARGES**

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Causes Of Discharge	DEP Notified	Comments

**OTHER PERMIT VIOLATIONS**

Non Compliance ID	Shige Code (Sampling Profile)	Reported Parameter	Non Compliance Type	Comments

**COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	T0403	6108765523

**SUBMISSION INFORMATION**

SUBMITTED BY GREENPORT USER	TELEPHONE			DATE		
	AREA CODE	NUMBER	NUMBER		YEAR	MO
DISANTISM				2017	6	12
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY
	Michael DiSantis					
*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P. S. section 4904 (relating to unsworn falsification to authorities).						

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: May-17

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															7.5	0.02	0.02	8.8	0.04020	0.0	
2															7.6	0.01	0.01	8.5	0.05010	0.0	
3															7.1	0.02	0.02	8.5	0.04080	0.0	
4			2	1	11	4	0.1	0.04	0.4	0.1	20	14.6			7.1	0.05	0.05	8.5	0.04240	1.5	
5															6.9	0.02	0.02	8.2	0.04790	0.0	
6															7.4	0.05	0.05	8.2	0.05320	0.0	
7															7.6	0.06	0.06	8.3	0.04910	0.2	
8															7.4	0.01	0.01	8.3	0.03850	0.0	
9															7.5	0.04	0.04	8.2	0.04200	0.0	
10															7.3	0.02	0.02	8.4	0.05380	0.0	
11	101	196	4	2	9	4	0.2	0.08	0.7	0.3	7	13.3			7.2	0.04	0.04	8.0	0.04700	0.0	
12															6.9	0.04	0.04	8.3	0.05330	1.2	
13															7.0	0.01	0.01	8.6	0.07460	1.5	
14															7.3	0.02	0.02	8.4	0.05070	0.0	
15															7.3	0.03	0.03	8.6	0.04340	0.0	
16															7.3	0.03	0.03	9.7	0.04070	0.0	
17															7.5	0.02	0.02	9.3	0.04570	0.0	
18			4	2	7	3	0.2	0.10	0.8	0.4	8	12.8			7.3	0.04	0.04	9.2	0.05410	0.0	
19															7.3	0.08	0.08	10.0	0.04590	0.0	
20															7.2	0.04	0.04	9.2	0.04350	0.0	
21															7.2	0.01	0.01	8.6	0.04910	0.1	
22															7.5	0.03	0.03	8.2	0.04300	0.2	
23															7.4	0.02	0.02	7.8	0.03970	0.0	
24															7.4	0.02	0.02	8.7	0.04010	0.6	
25			2	1	5	3	0.2	0.12	0.7	0.4	27	9.4			6.7	0.01	0.01	8.0	0.06980	1.5	
26															7.1	0.04	0.04	8.0	0.05810	0.0	
27															6.7	0.01	0.01	7.9	0.05260	0.0	
28															7.3	0.02	0.02	9.5	0.04260	0.0	
29															7.8	0.06	0.06	9.2	0.06522	0.0	
30															7.6	0.02	0.02	7.4	0.05615	0.0	
31															7.2	0.06	0.06	7.4	0.03850	0.0	
Min															6.7			7.4			
Max			3	1	8	3	0.2	0.08	0.6	0.3	27	12.5	#DIV/0!	#DIV/0!	7.8	0.08	0.03		0.07460		
Avg:											13								0.04877		

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC  
 There were two fecal coliform samples taken on 11/30  
 Fecal coliform is geometric mean

Telephone 610-876-5523



## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

<b>Permittee Name:</b> <u>Springhill Farm Wastewater Treatment Facility Association</u>										
<b>Address:</b> <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				17	5	01	TO	17	5	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

**Name/Title Principal Executive Officer**

**Phone:** 610-876-5523

**Signature of Principal Executive Officer or  
Authorized Agent**

Michael J. DiSantis, Dir. of O&M

**Date:** 6/6/2017

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP County: Delaware  
 Municipality: Chadds Ford Township  
 Watershed: 3-G

Month: May Year: 2017  
 NPDES Permit No.: PA0052230

Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0402					2,150.0	4.3	1,500.0
2	0.0501						4.4	600.0
3	0.0408						3.8	600.0
4	0.0424					2,340.0	4.6	600.0
5	0.0479						4.3	525.0
6	0.0532					2,560.0	4.1	450.0
7	0.0491						3.5	900.0
8	0.0385					2,320.0	2.9	1,500.0
9	0.042						4.7	2,250.0
10	0.0538						4.4	1,050.0
11	0.047	101.0	40	196.0	77	2,360.0	3.8	900.0
12	0.0533						4.3	2,250.0
13	0.0746					2,090.0	4.5	1,500.0
14	0.0507						3.7	600.0
15	0.0434					2,630.0	1.4	750.0
16	0.0407						4.5	1,500.0
17	0.0457						4.4	1,500.0
18	0.0541					2,220.0	5.4	1,500.0
19	0.0459							0.0
20	0.0435					2,010.0	5.5	3,000.0
21	0.0491						4.2	750.0
22	0.043					2,750.0	5.5	975.0
23	0.0397						4.3	3,750.0
24	0.0401						5.0	3,000.0
25	0.0698					1,880.0	5.3	2,250.0
26	0.0581						5.1	375.0
27	0.0526					2,190.0	4.8	600.0
28	0.0426						4.4	750.0
29	0.0652					3,390.0	5.6	750.0
30	0.0562						4.6	1,050.0
31	0.0385						3.7	825.0
Avg	0.049	101	40	196	77	2,376	4	1,244
Max	0.075	101	40	196	77	3,390	6	3,750

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 6/6/2017



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

July 17, 2017

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for June 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
June 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for June 2017.

Wastewater Plant

Average Daily Flow: 45,360 gallons. Peak Daily Flow: 60,500 gallons.

Sludge Hauled: 27,600 gallons

Sodium hypochlorite was delivered: 247 gallons

Aluminum Sulfate was delivered: 300 gallons

The Micro spring grease inhibitor bio addition continued throughout the reporting period and continues to control the grease in the wet well as well as reducing the filaments and foaming in the plant process.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

July 17, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for June 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for June 2017. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
A. Serock, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, July 17, 2017 1:23 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 06/01/2017-06/30/2017  
**Report Due Date:** 07/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 60587  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 06/01/2017  
DMR Effective To: 06/30/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM	2017	06	TO	2017	06
		01			30

**PARAMETERS REPORTED VALUES**

PARAMETER	Sample Measurement	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen	Sample Measurement	***	***	5.5	Inst Min	Grab	1/day
	Permit Measurement	***	***	5.0	Inst Min	Grab	1/day
pH	Sample Measurement	***	***	5.5	Inst Min	Grab	1/day
	Permit Measurement	***	***	7.8	S.U.	Grab	1/day
Total Suspended Solids	Sample Measurement	2	lbs/day	9.0	IMAX	24-Hr Composite	1/week
	Permit Measurement	25	Avg Mo	***	***	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	21.8	***	24-Hr Composite	1/week
	Permit Measurement	***	***	Monitor & Report	Avg Mo	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	.05	lbs/day	***	***	24-Hr Composite	1/week
	Permit Measurement	1.7	Avg Mo	***	***	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.2	lbs/day	***	***	24-Hr Composite	1/week
	Permit Measurement	.8	Avg Mo	***	***	24-Hr Composite	1/week
Flow	Sample Measurement	.04536	MGD	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report	Daily Max	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	.04	Inst	Grab	1/day
	Permit Measurement	***	***	.06	Avg Mo	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	10	Inst	Grab	1/week
	Permit Measurement	***	***	200	Avg Mo	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	1	lbs/day	***	***	24-Hr Composite	1/week
	Permit Measurement	21	Avg Mo	***	***	24-Hr Composite	1/week
Facility Comments							



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

**ATTACHMENT DETAILS**

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Ltr June 2017.doc	Cover Letter	2017-07-17T13:22:07-04:00	
Springhill Farm Supp 5 form June 2017.xls	Daily Effluent Monitoring Form	2017-07-17T13:22:27-04:00	
Springhill DMR lab access June 2017.doc	Laboratory Accreditation Form	2017-07-14T08:56:51-04:00	
Springhill Farm Influent and Process Control Form June 2017.xls	Influent and Process Control Form	2017-07-14T09:55:11-04:00	
Springhill Farm Solids Disposal Form June 2017.xls	Sewage Sludge / Biosolids Production and Disposal Form	2017-07-14T09:55:54-04:00	

**PERMIT VIOLATIONS**

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

**UNAUTHORISED DISCHARGES**

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

**OTHER PERMIT VIOLATIONS**

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

**COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	T0403	610876523

**SUBMISSION INFORMATION**

SUBMITTED BY GREENPORT USER	TELEPHONE			DATE		
	AREA CODE	NUMBER	NUMBER		YEAR	MO
DISANTISM						
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY
	Michael DiSantis					
<p>*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).</p>						

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

June-17

Month:

Springhill Farm Wastewater Treatment Facility Assocation  
 Springhill Drive  
 Glenn Mills, PA 19342

NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD <sub>5</sub> mg/l	TSS mg/l	cBOD <sub>5</sub> mg/l	cBOD <sub>5</sub> lbs.	TSS mg/l	TSS lbs.	NH <sub>3</sub> mg/l	NH <sub>3</sub> lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1			2	1	5	2	0.1	0.04	0.3	0.1	23	14.8			7.7	0.01	0.01	7.1	0.04540		
2															6.9	0.00	0.00	9.1	0.04080		
3															7.0	0.04	0.04	7.6	0.05260		
4															7.5	0.01	0.01	7.3	0.06050		
5															6.7	0.05	0.05	7.2	0.03280		
6															6.7	0.01	0.01	7.1	0.04090		
7															6.5	0.08	0.08	7.4	0.03690		
8	233	180	2	1	5	2	0.1	0.04	0.4	0.2	22	24.0			7.8	0.01	0.01	7.6	0.04470		
9															7.0	0.06	0.06	8.0	0.04430		
10															6.8	0.05	0.06	7.6	0.05000		
11															7.2	0.04	0.04	7.9	0.03950		
12															7.3	0.01	0.01	7.3	0.05240		
13															7.0	0.03	0.03	7.1	0.03620		
14															7.0	0.06	0.06	7.1	0.04440		
15			2	1	7	3	0.1	0.04	0.7	0.3	1	23.7			6.8	0.07	0.07	8.0	0.04510		
16															6.7	0.08	0.08	7.7	0.04100		
17															6.5	0.09	0.09	7.9	0.04860		
18															6.6	0.06	0.06	8.2	0.04380		
19															7.4	0.02	0.02	7.4	0.04610		
20															7.2	0.06	0.06	7.5	0.04270		
21															7.3	0.04	0.04	7.4	0.04710		
22			2	1	5	2	0.2	0.08	0.4	0.1	9	15.8			7.2	0.05	0.05	7.4	0.04770		
23															7.2	0.06	0.06	7.2	0.04590		
24															6.5	0.04	0.04	6.9	0.04830		
25															7.4	0.04	0.04	6.7	0.04490		
26															7.4	0.02	0.02	7.1	0.03990		
27															7.2	0.01	0.01	6.5	0.03930		
28															7.6	0.01	0.01	7.9	0.05320		
29			2	1	5	2	0.1	0.04	0.7	0.3	24	30.5			7.4	0.10	0.10	7.5	0.05190		
30															7.2	0.05	0.05	7.4	0.05400		
31																					
Min															6.5			6.5			
Max											24	21.8	#DIV/0!	#DIV/0!	7.8	0.10			0.06050		
Avg:			2	1	5	2	0.1	0.05	0.5	0.2	10	21.8	#DIV/0!	#DIV/0!		0.04	0.04		0.04536		

Telephone 610-876-5523

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC  
 There were two fecal coliform samples taken on 11/30  
 Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day			
PA0052230				17	6	01	TO 17 6 30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>				
cBOD5	S5210B-11	ALS Environmental	22-293				
TSS	S2540D-11	ALS Environmental	22-293				
Fecal Coliform	S9222D-97	ALS Environmental	22-293				
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293				
TDS	S2540C-11	ALS Environmental	22-293				
Total Phosphorous	EPA 365.1	ALS Environmental	22-293				
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671				
TRC & pH	Meter	DELCORA- Operations Meter	23-00671				
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671				
Total Copper	EPA 200.7	ALS Environmental	22-293				
Total Nitrogen	Calculation	ALS Environmental	22-293				
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293				

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 7/5/2017

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: June      Year: 2017  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G      NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0454					3,650.0	4.3	450.0		
2	0.0408						4.4	3,000.0		
3	0.0526					2,580.0	4.0	2,250.0		
4	0.0605						3.1	3,000.0		
5	0.0328					2,400.0	2.6	6,000.0		
6	0.0409						4.4	2,250.0		
7	0.0369						4.5	600.0		
8	0.0447	233.0	87	180.0	67	2,030.0	4.5	750.0		
9	0.0443						4.2	600.0		
10	0.05						3.9	3,000.0		
11	0.0395						3.9	750.0		
12	0.0524					2,610.0	3.5	1,500.0		
13	0.0362						3.3	1,875.0		
14	0.0444						2.9	750.0		
15	0.0451					2,770.0	2.1	1,500.0		
16	0.041						2.8	6,000.0		
17	0.0486					2,230.0	3.2	3,000.0		
18	0.0438						3.0	975.0		
19	0.0461					2,360.0	2.4	975.0		
20	0.0427						2.4	1,500.0		
21	0.0471						3.1	1,050.0		
22	0.0477					2,980.0	4.1	1,050.0		
23	0.0459						4.9	1,200.0		
24	0.0483					2,600.0	3.3	1,500.0		
25	0.0449						2.3	3,000.0		
26	0.0399					2,450.0	4.6	4,500.0		
27	0.0393						5.1	4,500.0		
28	0.0532						6.0	1,500.0		
29	0.0519					2,120.0	4.2	1,500.0		
30	0.054						3.9	525.0		
31										
Avg	0.045	233	87	180	67	2,565	4	2,035		
Max	0.061	233	87	180	67	3,650	6	6,000		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 7/5/2017



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 15, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for July 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for July 2017. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
A. Serock, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

**Cummings, Meghan**

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, August 14, 2017 1:20 PM  
**To:** DiSantis, Michael; doug.rowland@drbc.nj.gov; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 07/01/2017-07/31/2017  
**Report Due Date:** 08/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 63980  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 786, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 07/01/2017  
DMR Effective To: 07/31/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	07	01	2017	07	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen	Sample Measurement	***	6.5	***	Grab	1/day
	Permit Measurement	***	5.0 Inst Min	***	Grab	1/day
pH	Sample Measurement	***	6.8	***	Grab	1/day
	Permit Measurement	***	6.0 Inst Min	7.8 IMAX	Grab	1/day
Total Suspended Solids	Sample Measurement	2	***	5	24-Hr Composite	1/week
	Permit Measurement	25 Avg Mo	***	30 Avg Mo	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	25.6	24-Hr Composite	1/week
	Permit Measurement	***	***	Monitor & Report Avg Mo	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	.06	***	2	24-Hr Composite	1/week
	Permit Measurement	1.7 Avg Mo	***	2.0 Avg Mo	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.2	***	.5	24-Hr Composite	1/week
	Permit Measurement	.8 Avg Mo	***	1.0 Avg Mo	24-Hr Composite	1/week
Flow	Sample Measurement	54704	MGD	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Daily Max	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	.03	Grab	1/day
	Permit Measurement	***	***	.06 Avg Mo	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	2	Grab	1/week
	Permit Measurement	***	***	200 Avg Mo	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	1	***	14 IMAX	24-Hr Composite	1/week
	Permit Measurement	21 Avg Mo	***	25 Avg Mo	24-Hr Composite	1/week
Facility Comments						

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

July-17

Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Influent		Effluent													Rainfall					
Date	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Rainfall Inches
1															7.0	0.03	0.03	6.8	0.05250	0.3
2															6.8	0.02	0.02	7.1	0.04300	0.0
3															6.8	0.01	0.01	6.7	0.03690	0.0
4															7.1	0.04	0.04	6.5	0.05750	0.0
5															7.1	0.04	0.04	6.8	0.05070	0.0
6			2	1	5	2	0.2	0.09	0.5	0.2	5	24.1			7.2	0.01	0.01	7.3	0.04570	0.8
7															7.6	0.03	0.03	7.0	0.04860	0.8
8															7.3	0.06	0.06	7.5	0.05810	0.1
9															7.7	0.00	0.00	7.3	0.03610	0.0
10															6.8	0.03	0.03	7.1	0.04320	0.0
11															7.0	0.05	0.05	7.4	0.03680	0.0
12															7.8	0.01	0.01	7.2	0.04330	0.0
13	348	320	2	1	5	2	0.1	0.04	0.3	0.1	1	31.7	0.028	624	7.6	0.04	0.04	7.0	0.04300	0.3
14															7.4	0.00	0.00	7.0	0.05490	1.0
15															7.2	0.00	0.00	6.9	0.04570	0.0
16															7.6	0.04	0.04	7.1	0.05380	0.0
17															7.5	0.00	0.00	7.4	0.03400	0.0
18															7.7	0.02	0.02	6.9	0.04220	0.0
19															7.5	0.02	0.02	7.1	0.04370	0.0
20			2	1	5	2	0.1	0.04	0.6	0.3	3	25.2			6.8	0.01	0.01	6.5	0.05150	0.0
21															7.2	0.00	0.00	7.2	0.04140	0.0
22															6.8	0.03	0.03	6.9	0.05320	0.0
23															7.5	0.03	0.03	7.2	0.05100	4.2
24															7.2	0.05	0.05	6.9	0.07110	1.2
25															7.3	0.06	0.06	7.2	0.05360	0.0
26															7.6	0.02	0.11	7.6	0.04470	0.0
27			2	1	5	2	0.2	0.06	0.4	0.1	1	21.4			7.2	0.07	0.07	7.1	0.04580	0.0
28															7.1	0.03	0.03	7.6	0.04870	0.5
29															7.1	0.03	0.03	7.0	0.05020	0.1
30															7.3	0.02	0.02	7.2	0.04630	0.0
31															7.0	0.03	0.03	7.1	0.03090	0.0
Min															6.8			6.5		
Max											5	25.6	0.03	624.0	7.8	0.07	0.03		0.07110	
Avg:			2	1	5	2	0.2	0.06	0.5	0.2	2	25.6	0.03	624.0	7.8	0.07	0.03		0.04704	

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC  
 There were two fecal coliform samples taken on 11/30  
 Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				17	7	01	TO	17	7	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 8/7/2017

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP County: Delaware  
 Municipality: Chadds Ford Township  
 Watershed: 3-G

Month: July Year: 2017  
 NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0525					2,580.0	3.0	750.0
2	0.043						5.0	2,250.0
3	0.0369					2,460.0	4.0	1,500.0
4	0.0575						4.0	3,750.0
5	0.0507					2,050.0	4.0	3,750.0
6	0.0457						4.2	1,500.0
7	0.0486					2,780.0	4.6	900.0
8	0.0581						5.0	1,050.0
9	0.0361						4.1	4,500.0
10	0.0432					2,820.0	4.9	4,500.0
11	0.0368						4.7	6,000.0
12	0.0433					2,050.0	5.0	900.0
13	0.043	348.0	125	320.0	115		4.7	1,050.0
14	0.0549					1,820.0	4.8	1,500.0
15	0.0457						4.0	1,650.0
16	0.0538						4.7	600.0
17	0.034					2,620.0	4.4	600.0
18	0.0422						4.8	2,250.0
19	0.0437						4.3	2,250.0
20	0.0515					2,520.0	4.8	2,250.0
21	0.0414						3.9	2,250.0
22	0.0532					2,380.0	4.7	2,250.0
23	0.051						3.6	1,875.0
24	0.0711					2,730.0	4.5	2,250.0
25	0.0536						4.3	4,500.0
26	0.0447						4.8	1,875.0
27	0.0458					2,340.0	4.4	1,875.0
28	0.0487						4.8	2,625.0
29	0.0502					2,360.0	5.0	1,875.0
30	0.0463						4.3	2,250.0
31	0.0309					2,250.0	4.5	0.0
Avg	0.047	348	125	320	115	2,411	4	2,165
Max	0.071	348	125	320	115	2,820	5	6,000

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 8/7/2017



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 15, 2017

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for July 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
July 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for July 2017.

Wastewater Plant

Average Daily Flow: 47,040 gallons. Peak Daily Flow: 71,100 gallons.

Sludge Hauled: 22,600 gallons

Sodium hypochlorite was delivered: 255 gallons

Aluminum Sulfate was delivered: 250 gallons

The Micro spring grease inhibitor bio addition continued throughout the reporting period and continues to control the grease in the wet well as well as reducing the filaments and foaming in the plant process.

A waste valve on the # 1 train broke. Repairs were made and the valve is now working properly.

The discharge line on one of the decant pumps was leaking. Repairs were made to the line.

Two air lances on the sludge holding tank were replaced due to excessive corrosion.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 15, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 3Q 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the third quarter of 2017.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
A. Serock, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, August 14, 2017 1:22 PM  
**To:** DiSantis, Michael; doug.rowland@drbc.nj.gov; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 07/01/2017-09/30/2017  
**Report Due Date:** 10/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 63982  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Quarterly  
DMR Effective From: 07/01/2017  
DMR Effective To: 09/30/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD						
YEAR	MO	DAY	YEAR	MO	DAY	
FROM	2017	07	TO	2017	09	30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	UNITS		
Copper, Total	***	***	03	mg/L	24-Hr Composite	1/quarter
	***	***	Monitor & Report Daily Max	***	24-Hr Composite	1/quarter
Total Dissolved Solids	***	***	624	mg/L	24-Hr Composite	1/quarter
	***	***	Monitor & Report Daily Max	***	24-Hr Composite	1/quarter
Facility Comments						



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

**ATTACHMENT DETAILS**

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill Farm Supp S form July 2017.xls	Daily Effluent Monitoring Form	2017-08-10T10:41:22-04:00	
Springhill DMR lab record July 2017.doc	Laboratory Accreditation Form	2017-08-10T10:42:15-04:00	
Springhill DEP Cov Lett 3Q 2017.doc	Cover Letter	2017-08-10T10:40:28-04:00	

**PERMIT VIOLATIONS**

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause OFNC	Corrective Action	Comments

**UNAUTHORISED DISCHARGES**

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

**OTHER PERMIT VIOLATIONS**

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

**COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	TD403	6108796523

**SUBMISSION INFORMATION**

<b>SUBMITTED BY GREENPORT USER</b>	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			<b>TELEPHONE</b>	<b>DATE</b>
<b>DISANTISM</b>	<b>SUBMITTED BY FULL NAME</b>	Michael DiSantis	<b>AREA CODE</b>	2017	<b>8</b>
	<b>NUMBER</b>		<b>NUMBER</b>	YEAR	MO
			<b>AREA CODE</b>	NUMBER	DAY



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

September 19, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for August 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for August 2017. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
A. Serock, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Cummings, Meghan**

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, September 18, 2017 2:48 PM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 08/01/2017-08/31/2017  
**Report Due Date:** 09/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 67325  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2017  
DMR Effective To: 08/31/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	08	01	2017	08	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen	Sample Measurement	...	...	...	...	...	Grab	1/day
	Permit Measurement	...	...	5.0 1st Min	...	...	Grab	1/day
pH	Sample Measurement	...	...	6.2	...	7.7	Grab	1/day
	Permit Measurement	...	...	6.0 1st Min	...	8.0 MAX	Grab	1/day
Total Suspended Solids	Sample Measurement	3	...	...	...	...	24-Hr Composite	1/week
	Permit Measurement	25 Avg Mo	...	...	...	...	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	...	...	...	...	...	24-Hr Composite	1/week
	Permit Measurement	...	...	30 Avg Mo	...	31.2	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	...	...	...	...	...	24-Hr Composite	1/week
	Permit Measurement	...	...	...	...	...	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	...	...	...	...	...	24-Hr Composite	1/week
	Permit Measurement	...	...	...	...	...	24-Hr Composite	1/week
Flow	Sample Measurement	...	...	...	...	...	Recorded	Continuous
	Permit Measurement	...	...	...	...	...	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	...	...	...	...	...	Grab	1/day
	Permit Measurement	...	...	...	...	...	Grab	1/day
Fecal Coliform	Sample Measurement	...	...	...	...	...	Grab	1/week
	Permit Measurement	...	...	...	...	...	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	...	...	...	...	...	24-Hr Composite	1/week
	Permit Measurement	...	...	...	...	...	24-Hr Composite	1/week
Facility Comments								



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

**ATTACHMENT DETAILS**

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DMR Tab second August 2017.doc	Laboratory Accreditation Form	2017-09-14T12:54:06-04:00	
Springhill Farm Supp. S form August 2017.xls	Daily Effluent Monitoring Form	2017-09-14T12:51:53-04:00	
Springhill Farm Solids Disposal Form August 2017.xls	Sewage Sludge / Biosolids Production and Disposal Form	2017-09-14T12:58:17-04:00	
Springhill Client Cover Letter August 2017.docx	Cover Letter	2017-09-18T16:57:17-04:00	
Springhill Farm Influent and Process Control Form August 2017.xls	Influent and Process Control Form	2017-09-14T12:59:34-04:00	

**PERMIT VIOLATIONS**

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

**UNAUTHORISED DISCHARGES**

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

**OTHER PERMIT VIOLATIONS**

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

**COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disantis	TM403	610878533

**SUBMISSION INFORMATION**

SUBMITTED BY GREENPORT USER	TELEPHONE		DATE	
	AREA CODE	NUMBER	YEAR	DAY
DISANTISM	Michael Disantis	2017	9	18
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR
		AREA CODE	NUMBER	MO
			DAY	DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 89, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of this person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: August-17

Springhill Farm Wastewater Treatment Facility Association  
 NPDES permit PA 0052230  
 Springhill Drive  
 Glenn Mills, PA 19342

This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD			
1														7.3	0.06	0.05	7.0	0.03660	0.0		
2														7.3	0.05	0.05	7.0	0.03970	0.0		
3			2	14	6	0.2	0.07	0.7	0.3	3	28.0			7.2	0.06	0.06	7.3	0.04980	0.1		
4														7.4	0.04	0.04	7.3	0.05230	0.6		
5														7.0	0.04	0.04	7.4	0.05160	0.0		
6														7.6	0.02	0.02	7.2	0.03390	0.0		
7														7.1	0.02	0.02	7.5	0.04660	0.8		
8														7.2	0.02	0.02	7.4	0.03820	0.0		
9														7.5	0.03	0.03	7.8	0.03490	0.0		
10			4	5	2	0.1	0.05	0.3	0.2	12	33.6			7.4	0.02	0.02	7.4	0.05320	0.0		
11														6.2	0.06	0.06	7.6	0.04680	0.3		
12														7.5	0.00	0.00	6.8	0.05180	0.0		
13														7.6	0.05	0.05	7.8	0.05100	0.0		
14														7.5	0.03	0.03	7.5	0.03440	0.0		
15														7.3	0.04	0.04	7.1	0.04180	0.3		
16														7.1	0.01	0.01	7.3	0.04500	0.0		
17	286	63	2	5	2	0.1	0.04	0.4	0.2	9	31.3			7.4	0.02	0.02	7.2	0.04880	0.0		
18			1	5	2									7.5	0.04	0.04	7.5	0.04500	0.5		
19														7.5	0.02	0.02	7.3	0.04640	0.0		
20														7.1	0.10	0.10	7.3	0.03710	0.0		
21														7.5	0.01	0.01	7.4	0.05750	0.0		
22														6.4	0.00	0.00	8.2	0.04510	2.0		
23														7.4	0.04	0.04	7.3	0.04970	0.0		
24			5	5	2	0.1	0.05	0.7	0.2	2	29.6			6.9	0.04	0.04	7.3	0.04100	0.0		
25														7.7	0.01	0.01	7.3	0.04780	0.0		
26														7.5	0.14	0.14	7.3	0.04680	0.0		
27														7.0	0.06	0.06	7.4	0.04910	0.0		
28														7.2	0.03	0.03	7.5	0.03250	0.0		
29														6.5	0.07	0.07	7.5	0.03740	0.9		
30														7.6	0.08	0.08	7.9	0.04750	0.0		
31			2	5	2	0.1	0.04	0.4	0.1	2	33.6			7.4	0.01	0.01	8.0	0.04280	0.0		
Min														6.2			6.8				
Max			3	7	3	0.1	0.05	0.5	0.2	4	31.2	#DIV/0!	#DIV/0!	7.7	0.14			0.65750			
Avg:																			0.04458		

Telephone 610-876-5523

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC  
 There were two fecal coliform samples taken on 11/30  
 Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0052230				17	8	01	TO 17 8 31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>				
cBOD5	S5210B-11	ALS Environmental	22-293				
TSS	S2540D-11	ALS Environmental	22-293				
Fecal Coliform	S9222D-97	ALS Environmental	22-293				
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293				
TDS	S2540C-11	ALS Environmental	22-293				
Total Phosphorous	EPA 365.1	ALS Environmental	22-293				
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671				
TRC & pH	Meter	DELCORA- Operations Meter	23-00671				
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671				
Total Copper	EPA 200.7	ALS Environmental	22-293				
Total Nitrogen	Calculation	ALS Environmental	22-293				
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293				

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.

Name/Title Principal Executive Officer      Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&M      Date: 9/6/2017

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Month: August Year: 2017  
 NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Facility Name: Springhill Farm STP  
 Municipality: Chadds Ford Township County: Delaware  
 Watershed: 3-G

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0366						4.2	1,125.0		
2	0.0397						4.4	1,125.0		
3	0.0498					2,780.0	4.5	3,750.0		
4	0.0523						3.3	3,750.0		
5	0.0516					2,180.0	3.5	2,250.0		
6	0.0339						4.5	1,125.0		
7	0.0466					2,670.0	5.2	1,125.0		
8	0.0382						5.1	4,500.0		
9	0.0349						6.0	3,000.0		
10	0.0532					2,200.0	6.0	1,875.0		
11	0.0468						4.3	2,250.0		
12	0.0518					2,540.0	5.2	1,500.0		
13	0.051						4.6	3,375.0		
14	0.0344					2,460.0	5.3	2,250.0		
15	0.0418						5.5	1,875.0		
16	0.045						5.8	1,875.0		
17	0.0488	286.0	116	63.0	26	2,050.0	5.4	1,875.0		
18	0.045						5.8	1,125.0		
19	0.0464					2,160.0	5.1	750.0		
20	0.0371						5.5	750.0		
21	0.0575					2,040.0	4.6	750.0		
22	0.0451						5.1	750.0		
23	0.0497						4.5	450.0		
24	0.041					2,290.0	5.0	900.0		
25	0.0478						5.0	1,875.0		
26	0.0468					2,330.0	5.4	1,275.0		
27	0.0491						5.6	1,875.0		
28	0.0325					2,610.0	5.4	1,500.0		
29	0.0374						6.2	2,250.0		
30	0.0475						6.3	2,250.0		
31	0.0428					2,540.0	5.6	2,250.0		
AVG	0.045	286	116	63	26	2,373	5	1,851		
Max	0.068	286	116	63	26	2,780	6	4,500		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 9/6/2017



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

September 19, 2017

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for August 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
August 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for August 2017.

Wastewater Plant

Average Daily Flow: 44,580 gallons. Peak Daily Flow: 57,500 gallons.

Sludge Hauled: 13,800 gallons

Sodium hypochlorite was delivered: 220 gallons

Aluminum Sulfate was delivered: 250 gallons

Sodium Bicarbonate was delivered: 49 bags

The Micro spring grease inhibitor bio addition continued throughout the reporting period and continues to control the grease in the wet well as well as reducing the filaments and foaming in the plant process.

The effluent sample pump tripped and went into alarm. The electrical cord was bad. A new electric line was installed and the pump is working properly.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

October 17, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for September 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for September 2017. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
A. Serock, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Cummings, Meghan**

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, October 16, 2017 1:01 PM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; kendria.henson@drbc.nj.gov; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 09/01/2017-09/30/2017  
**Report Due Date:** 10/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 70416  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 09/01/2017  
DMR Effective To: 09/30/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	09	01	2017	09	30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen	Sample Measurement	***	***	6.8	***	***	Grab	1/day
	Permit Measurement	***	***	5.0 Inst Min	***	***	Grab	1/day
pH	Sample Measurement	***	***	6.4	***	7.8	Grab	1/day
	Permit Measurement	***	***	6.0 Inst Min	***	8.0 IMAX	Grab	1/day
Total Suspended Solids	Sample Measurement	2	lbs/day	***	***	***	24-Hr Composite	1/week
	Permit Measurement	25 Avg Mo	***	***	***	***	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	***	***	***	24-Hr Composite	1/week
	Permit Measurement	***	***	***	***	***	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	.03	lbs/day	***	***	***	24-Hr Composite	1/week
	Permit Measurement	1.7 Avg Mo	***	***	***	***	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.1	lbs/day	***	***	***	24-Hr Composite	1/week
	Permit Measurement	.8 Avg Mo	***	***	***	***	24-Hr Composite	1/week
Flow	Sample Measurement	.04355	MGD	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Daily Max	***	***	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	***	***	.10	Grab	1/day
	Permit Measurement	***	***	***	***	14 IMAX	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	***	***	14	Grab	1/week
	Permit Measurement	***	***	***	***	1000 IMAX	Grab	1/week
Carbencatechus Biochemical Oxygen Demand (CBOD5)	Sample Measurement	2	lbs/day	***	***	***	24-Hr Composite	1/week
	Permit Measurement	21 Avg Mo	***	***	***	***	24-Hr Composite	1/week
Facility Comments								



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

**ATTACHMENT DETAILS**

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Ltr September 2017.doc	Cover Letter	2017-10-12T10:50:24-04:00	
Springhill Farm Sept S form September 2017.xls	Daily Effluent Monitoring Form	2017-10-12T10:51:17-04:00	
Springhill DMR lab access September 2017.doc	Laboratory Accreditation Form	2017-10-12T10:53:55-04:00	
Springhill Farm Influent and Process Control Form September 2017.xls	Influent and Process Control Form	2017-10-12T10:52:13-04:00	
Springhill Farm Solids Disposal Form September 2017.xls	Sewage Sludge / Biosolids Production and Disposal Form	2017-10-12T12:33:01-04:00	

**PERMIT VIOLATIONS**

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Lead Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

**UNAUTHORISED DISCHARGES**

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

**OTHER PERMIT VIOLATIONS**

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

**COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	T0403	6108785523

**SUBMISSION INFORMATION**

SUBMITTED BY GREENPORT USER	TELEPHONE			DATE			
	AREA CODE	NUMBER	NUMBER		AREA CODE	YEAR	MO
DISANTISM	Michael DiSantis	2017	10	16			
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	NUMBER	YEAR	MO	DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)  
 Month: September-17

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent														Effluent														Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD										
1															7.5	0.00	0.00	7.2	0.04050	0.0									
2															6.6	0.00	0.00	8.1	0.05490	0.6									
3															7.0	0.01	0.01	7.4	0.03640	0.0									
4															7.3	0.00	0.00	8.8	0.04930	0.0									
5															6.8	0.04	0.04	8.0	0.03270	1.0									
6															7.6	0.08	0.04	7.7	0.04150	0.4									
7			2	1	6	2	0.1	0.04	0.4	0.1	4	24.7			7.8	0.00	0.00	7.9	0.04240	0.0									
8															6.8	0.00	0.00	8.2	0.04610	0.0									
9															6.4	0.04	0.04	8.5	0.04930	0.1									
10															6.5	0.00	0.00	7.7	0.03910	0.0									
11															7.4	0.04	0.04	7.4	0.04320	0.0									
12															7.5	0.01	0.01	7.8	0.03570	0.0									
13															7.3	0.00	0.00	7.5	0.04510	0.3									
14	292	104	20	7	5	2	0.1	0.03	0.6	0.2	5	29.2			7.2	0.00	0.00	7.6	0.03900	0.0									
15															7.1	0.07	0.07	7.6	0.03850	0.0									
16															7.4	0.05	0.05	7.3	0.04200	0.0									
17															7.4	0.07	0.07	7.6	0.04690	0.0									
18															7.2	0.10	0.09	6.8	0.05180	0.0									
19															7.4	0.07	0.07	7.7	0.04120	0.0									
20															7.5	0.03	0.03	8.0	0.04400	0.0									
21			3	1	8	3	0.1	0.03	0.2	0.1	14	28.8			7.6	0.00	0.00	7.9	0.04140	0.0									
22															7.4	0.04	0.04	7.6	0.04450	0.0									
23															7.1	0.05	0.05	7.4	0.04180	0.0									
24															6.8	0.00	0.00	7.4	0.04900	0.0									
25															7.1	0.08	0.01	7.5	0.04380	0.0									
26															7.0	0.06	0.02	7.7	0.04250	0.0									
27															7.2	0.01	0.01	7.5	0.03130	0.0									
28			3	1	5	2	0.1	0.03	0.3	0.1	1	37.4			7.4	0.06	0.01	7.4	0.03720	0.0									
29															7.3	0.04	0.04	7.2	0.04110	0.0									
30															7.2	0.07	0.07	7.4	0.04430	0.0									
31																													
Min															6.4			6.8											
Max											14				7.8	0.10			0.05490										
Avg:			7	2	6	2	0.1	0.03	0.4	0.1	4	30.0	#DIV/0!	#DIV/0!		0.03			0.04255										

Telephone 610-876-5523

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC  
 There were two fecal coliform samples taken on 11/30  
 Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0052230				17	9	01	TO 17 9 30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>				
cBOD5	S5210B-11	ALS Environmental	22-293				
TSS	S2540D-11	ALS Environmental	22-293				
Fecal Coliform	S9222D-97	ALS Environmental	22-293				
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293				
TDS	S2540C-11	ALS Environmental	22-293				
Total Phosphorous	EPA 365.1	ALS Environmental	22-293				
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671				
TRC & pH	Meter	DELCORA- Operations Meter	23-00671				
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671				
Total Copper	EPA 200.7	ALS Environmental	22-293				
Total Nitrogen	Calculation	ALS Environmental	22-293				
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293				

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 10/2/2017

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP Month: September Year: 2017  
 Municipality: Chadds Ford Township County: Delaware  
 Watershed: 3-G NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration. This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Studge Wasted (gallons)		
1	0.0405						5.7	2,250.0		
2	0.0549					1,850.0	6.3	1,875.0		
3	0.0364						5.7	375.0		
4	0.0493					1,850.0	5.9	375.0		
5	0.0327						5.7	750.0		
6	0.0415						5.6	975.0		
7	0.0424					2,510.0	5.6	975.0		
8	0.0461						7.0	2,625.0		
9	0.0493					1,780.0	4.0	3,000.0		
10	0.0391						5.9	0.0		
11	0.0432					2,080.0	5.6	1,125.0		
12	0.0357						6.0	450.0		
13	0.0451						5.6	600.0		
14	0.039	292.0	95	104.0	34	2,690.0	5.7	750.0		
15	0.0385						5.5	3,375.0		
16	0.042					2,590.0	5.4	3,375.0		
17	0.0469						5.1	1,500.0		
18	0.0518					1,990.0	4.9	1,500.0		
19	0.0412						4.8	375.0		
20	0.044						5.5	750.0		
21	0.0414						5.7	975.0		
22	0.0445					1,800.0	5.7	375.0		
23	0.0418					1,830.0	5.8	450.0		
24	0.049						4.5	750.0		
25	0.0438					2,310.0	4.1	375.0		
26	0.0425						4.3	750.0		
27	0.0313						4.8	750.0		
28	0.0372					4,120.0	4.0	750.0		
29	0.0411						4.9	750.0		
30	0.0443					2,580.0	5.0	750.0		
31										
Avg	0.043	292	95	104	34	2,306	5	1,123		
Max	0.055	292	95	104	34	4,120	7	3,375		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 10/2/2017



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

October 17, 2017

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for September 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
September 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for September 2017.

Wastewater Plant

Average Daily Flow: 42,550 gallons. Peak Daily Flow: 54,900 gallons.

Sludge Hauled: 22,100 gallons

Sodium hypochlorite was delivered: 216 gallons

Aluminum Sulfate was delivered: 300 gallons

Sodium thiosulfate was delivered: 40 bags

The Micro spring grease inhibitor bio addition continued throughout the reporting period and continues to control the grease in the wet well as well as reducing the filaments and foaming in the plant process.

A sludge waste valve was repaired on the #1 aeration train.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

November 15, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for October 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for October 2017. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V.Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

**Cummings, Meghan**

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, November 15, 2017 1:16 PM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; kendria.henson@drbc.nj.gov; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 10/01/2017-10/31/2017  
**Report Due Date:** 11/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 74228  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2017  
DMR Effective To: 10/31/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	10	01	2017	10	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen	Sample Measurement	***	***	6.7	***	***	Grab	1/day
	Permit Measurement	***	***	5.0	Inlet Min	***	Grab	1/day
pH	Sample Measurement	***	***	6.6	***	7.7	Grab	1/day
	Permit Measurement	***	***	6.0	Inlet Min	9.0	Grab	1/day
Total Suspended Solids	Sample Measurement	2	lbs/day	***	***	***	24-Hr Composite	1/week
	Permit Measurement	25	lbs/day	***	5	***	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	***	31.8	***	24-Hr Composite	1/week
	Permit Measurement	***	***	***	Monitor & Report	***	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	0.6	lbs/day	***	***	***	24-Hr Composite	1/week
	Permit Measurement	1.7	lbs/day	***	2.0	***	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	8	lbs/day	***	1.0	***	24-Hr Composite	1/week
	Permit Measurement	244.8	lbs/day	***	***	***	24-Hr Composite	1/week
Flow	Sample Measurement	0.6440	MGD	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report	MGD	***	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	***	0.3	.12	Grab	1/day
	Permit Measurement	***	***	***	0.6	1/MAK	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	***	4	11	Grab	1/week
	Permit Measurement	***	***	***	200	1000	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	1	lbs/day	***	8	***	24-Hr Composite	1/week
	Permit Measurement	21	lbs/day	***	25	***	24-Hr Composite	1/week
Facility Comments								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Ltr October 2017.doc	Cover Letter	2017-11-13T15:19:22-0500	
Springhill Farm Sludge Form October 2017.xls	Daily Effluent Monitoring Form	2017-11-13T15:08:46-0500	
Springhill DMR lab second October 2017.doc	Laboratory Accreditation Form	2017-11-13T15:08:46-0500	
Springhill Farm Influent and Phosbas Control Form October 2017.xls	Influent and Phosbas Control Form	2017-11-13T15:07:46-0500	
Springhill Farm Solid Disposal Form October 2017.xls	Sludge Sludge / Biosolids Production and Disposal Form	2017-11-13T15:25:41-0500	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disantis	T6483	6108765223

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting critical information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			TELEPHONE	DATE		
	DISANTISM	Michael Disantis	AREA CODE	NUMBER	YEAR	MO	DAY
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY	

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)      October-17  
 Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342      NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD <sub>5</sub> mg/l	TSS mg/l	cBOD <sub>5</sub> mg/l	cBOD <sub>5</sub> lbs.	TSS mg/l	TSS lbs.	NH <sub>3</sub> mg/l	NH <sub>3</sub> lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															7.4	0.12	0.12	7.5	0.05250	0.0	
2															7.2	0.06	0.06	7.6	0.04210	0.0	
3															6.9	0.01	0.01	7.6	0.03350	0.0	
4															7.5	0.07	0.02	7.8	0.03940	0.0	
5			4	1	5	2	0.1	0.05	0.6	0.2	3	35.7			7.6	0.06	0.01	7.7	0.04210	0.0	
6															6.7	0.00	0.00	7.1	0.05030	0.0	
7															6.8	0.06	0.06	7.0	0.03280	0.2	
8															7.2	0.04	0.04	7.8	0.06140	1.3	
9															7.5	0.01	0.01	7.5	0.05440	0.0	
10															7.3	0.02	0.02	7.6	0.04530	0.5	
11															7.6	0.06	0.01	7.5	0.03520	0.0	
12	315	73	2	1	5	2	0.1	0.04	0.4	0.1	11	27.5	0.016	537	7.7	0.05	0.02	7.2	0.04410	0.0	
13															7.5	0.12	0.08	7.2	0.03950	0.2	
14															7.3	0.06	0.06	7.0	0.05420	0.0	
15															7.1	0.04	0.09	6.9	0.06130	0.0	
16															6.9	0.00	0.00	6.7	0.03210	0.0	
17															6.8	0.02	0.02	7.5	0.03820	0.0	
18															7.6	0.00	0.00	6.8	0.02890	0.0	
19			4	2	5	2	0.1	0.05	0.4	0.2	3	39.9		7.2	0.05	0.02	7.6	0.04710	0.0		
20															7.4	0.00	0.00	7.1	0.04740	0.0	
21															7.1	0.04	0.04	7.5	0.04130	0.0	
22															7.2	0.07	0.07	7.4	0.05570	0.0	
23															7.0	0.00	0.00	7.2	0.03150	0.6	
24															6.7	0.12	0.03	7.2	0.03870	0.3	
25															7.3	0.02	0.02	7.2	0.03880	0.0	
26			2	1	5	2	0.2	0.08	0.4	0.2	4	23.3		7.1	0.01	0.01	7.0	0.04370	0.0		
27															7.1	0.05	0.05	7.4	0.04300	0.0	
28															7.2	0.06	0.06	7.8	0.04600	0.1	
29															7.1	0.09	0.07	7.3	0.06440	2.4	
30															7.1	0.03	0.03	9.2	0.04490	0.0	
31															6.6	0.05	0.05	7.3	0.03990	0.0	
Min															6.6			6.7			
Max			3	1	5	2	0.1	0.05	0.5	0.2	11	31.6	0.02	537.0	7.7	0.12	0.03		0.06440		
Avg:											4								0.04418		

Telephone 610-876-5523

LAB ALS Environmental    In-house? Yes\* pH, D.O., & TRC  
 There were two fecal coliform samples taken on 11/30  
 Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0052230				17	10	01	TO 17 10 31
PARAMETER		ANALYSIS METHOD		LAB NAME		LAB ID NUMBER <sup>2</sup>	
cBOD5		S5210B-11		ALS Environmental		22-293	
TSS		S2540D-11		ALS Environmental		22-293	
Fecal Coliform		S9222D-97		ALS Environmental		22-293	
Ammonia Nitrogen		D6919-09		ALS Environmental		22-293	
TDS		S2540C-11		ALS Environmental		22-293	
Total Phosphorous		EPA 365.1		ALS Environmental		22-293	
Dissolved Oxygen		Meter		DELCORA- Operations Meter		23-00671	
TRC & pH		Meter		DELCORA- Operations Meter		23-00671	
TKN		S4500NH3G-11		DELCORA- Operations Meter		23-00671	
Total Copper		EPA 200.7		ALS Environmental		22-293	
Total Nitrogen		Calculation		ALS Environmental		22-293	
Nitrite + Nitrate		EPA 300.0		ALS Environmental		22-293	

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 11/2/2017

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Springhill Farm STP      Month: October      Year: 2017  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      County: Delaware  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control		
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0525						5.0	1,500.0
2	0.0421					1,930.0	5.0	2,250.0
3	0.0335						5.2	375.0
4	0.0394						5.5	750.0
5	0.0421					2,820.0	5.5	750.0
6	0.0503						4.6	3,375.0
7	0.0328						3.3	2,250.0
8	0.0614						3.4	1,500.0
9	0.0544					2,870.0	3.6	750.0
10	0.0453						4.2	3,000.0
11	0.0352						4.9	3,000.0
12	0.0441	315.0	116	73.0	27	2,230.0	4.2	750.0
13	0.0395						4.5	750.0
14	0.0542					2,630.0	4.2	1,200.0
15	0.0613						4.2	1,875.0
16	0.0321						4.0	0.0
17	0.0382					2,460.0	5.7	3,000.0
18	0.0289						5.7	2,250.0
19	0.0471					2,710.0	6.1	750.0
20	0.0474						5.0	2,625.0
21	0.0413						3.9	3,000.0
22	0.0557						4.3	3,000.0
23	0.0315					2,290.0	3.7	1,500.0
24	0.0387						4.7	750.0
25	0.0388						3.1	750.0
26	0.0437					2,300.0	3.4	750.0
27	0.043						3.2	975.0
28	0.046					2,740.0	4.3	975.0
29	0.0644						2.6	1,500.0
30	0.0449					2,150.0	3.4	3,000.0
31	0.0399						4.1	750.0
Avg	0.044	315	116	73	27	2,466	4	1,602
Max	0.064	315	116	73	27	2,870	6	3,375

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 11/2/2017



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

November 15, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 4Q 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the fourth quarter of 2017.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, November 15, 2017 1:12 PM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; kendria.henson@drbc.nj.gov; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 10/01/2017-12/31/2017  
**Report Due Date:** 01/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 74227  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD, PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Recording Frequency: Quarterly  
DMR Effective From: 10/01/2017  
DMR Effective To: 12/31/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2017	10	01	TO 2017	12	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	UNITS		
Copper, Total	***	***	.016	mg/L	24-Hr Composite	Quarter
	***	***	Monitor & Report Daily Max	***	24-Hr Composite	Quarter
Total Dissolved Solids	***	***	537	mg/L	24-Hr Composite	Quarter
	***	***	Monitor & Report Daily Max	***	24-Hr Composite	Quarter
Facility Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cov Lett 4Q 2017.doc	Cover Letter	2017-11-15T16:38:0500	
Springhill Farm Supp S form October 2017.xls	Daily Effluent Monitoring Form	2017-11-15T16:17:35:0500	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Disccovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	T0493	6103755523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE		DATE
	AREA CODE	NUMBER	
DISANTISM	Michael DiSantis	2017	11 15
	SUBMITTED BY FULL NAME	AREA CODE NUMBER	YEAR MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

November 15, 2017

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for October 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
October 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for October 2017.

Wastewater Plant

Average Daily Flow: 44,180 gallons. Peak Daily Flow: 64,400 gallons.

Sludge Hauled: 18,400 gallons

Sodium hypochlorite was delivered: 182 gallons

Aluminum Sulfate was delivered: 170 gallons

Repairs were made on an air valve and diffuser at the equalization tank. The old valve and stand pipe were corroded.

The chemical feed tubing that transports sodium hypochlorite to the final disinfection tank was leaking. New chemical tubing was installed.

A new sample pump in the final tank was replaced due to wear. It was not possible to repair the pump.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

December 15, 2017

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for November 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for November 2017. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V.Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Cummings, Meghan**

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, December 13, 2017 2:57 PM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; kendria.henson@drbc.nj.gov; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 11/01/2017-11/30/2017  
**Report Due Date:** 12/28/2017

**Submitted By:** Michael DiSantis  
**Submission Id:** 77732  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230	001
PERMIT NUMBER	OUTFALL NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	11	01	2017	11	30

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2017  
DMR Effective To: 11/30/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

PARAMETERS REPORTED VALUES

PARAMETER	Sample Measurement	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	UNITS	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen	Sample Measurement	***	***	5.0	mg/L	***	***	Grab	1day
	Permit Measurement	***	***	5.0	Inst Min	***	***	Grab	1day
pH	Sample Measurement	***	***	6.0	S.U.	7.7	***	Grab	1day
	Permit Measurement	***	***	Inst Min	***	IMAX	***	Grab	1day
Total Suspended Solids	Sample Measurement	3	lb/day	***	***	9	mg/L	24-Hr Composite	1week
	Permit Measurement	25	***	***	***	Avg Mo	***	24-Hr Composite	1week
Total Nitrogen	Sample Measurement	***	***	35.3	mg/L	***	***	24-Hr Composite	1week
	Permit Measurement	***	***	Monitor & Report	***	Avg Mo	***	24-Hr Composite	1week
Ammonia-Nitrogen	Sample Measurement	04	lb/day	***	***	1	mg/L	24-Hr Composite	1week
	Permit Measurement	5.0	***	***	***	Avg Mo	***	24-Hr Composite	1week
Total Phosphorus	Sample Measurement	1.7	lb/day	***	***	2.0	mg/L	24-Hr Composite	1week
	Permit Measurement	0.650	***	***	***	Avg Mo	***	24-Hr Composite	1week
Flow	Sample Measurement	07990	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report	***	***	***	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	03	mg/L	13	***	Grab	1day
	Permit Measurement	***	***	06	***	14	***	Grab	1day
Fecal Coliform	Sample Measurement	***	***	31	CFU/100 ml	95	***	Grab	1week
	Permit Measurement	***	***	200	***	1000	***	Grab	1week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	1	lb/day	***	***	3	mg/L	24-Hr Composite	1week
	Permit Measurement	21	***	***	***	Avg Mo	***	24-Hr Composite	1week
Facility Comments									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Lr November 2017.doc	Cover Letter	2017-12-27T11:32:06-0500	
Springhill Farm Slugs S form November 2017.xls	Daily Effluent Monitoring Form	2017-12-13T17:45:55-13-0500	
Springhill DMR Lab second November 2017.doc	Laboratory Accreditation Form	2017-12-27T11:38:20-0500	
Springhill Farm Influent and Process Control Form November 2017.xls	Influent and Process Control Form	2017-12-21T11:34:52-0500	
Springhill Farm Solids Disposal Form November 2017.xls	Sewage Sludge / Biologics Production and Disposal Form	2017-12-27T11:35:34-0500	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Lead Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	TU403	6108785523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE		DATE	
	AREA CODE	NUMBER	YEAR	MO DAY
DISANTISM			2017	12 13
			YEAR	MO DAY

Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S) November-17

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Influent		Effluent																			
Date	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Rainfall Inches	
1															7.7	0.03	0.03	8.1	0.04720	0.0	
2			2	1	5	2	0.1	0.03	0.5	0.2	24	32.0			7.4	0.00	0.00	7.7	0.03650	0.0	
3															7.1	0.03	0.03	7.4	0.04120	0.0	
4															7.6	0.04	0.04	7.7	0.06000	0.3	
5															6.9	0.05	0.05	7.4	0.06850	0.0	
6															7.2	0.02	0.02	7.2	0.04010	0.0	
7															7.6	0.01	0.01	7.5	0.04870	0.0	
8															7.5	0.02	0.02	7.6	0.04340	0.8	
9	800	392	3	1	16	5	0.1	0.03	1.1	0.4	12	32.4			7.3	0.02	0.02	7.6	0.03880	0.0	
10															7.2	0.06	0.06	7.4	0.05480	0.0	
11															7.3	0.02	0.02	8.2	0.07000	0.0	
12															6.3	0.04	0.04	9.2	0.04920	0.2	
13															7.2	0.00	0.00	8.5	0.04520	0.0	
14															6.0	0.00	0.00	10.6	0.04400	0.0	
15															7.3	0.05	0.03	9.5	0.05470	0.0	
16															7.2	0.01	0.01	8.6	0.07090	0.0	
17															7.4	0.00	0.00	8.4	0.04110	0.0	
18															6.4	0.00	0.00	8.0	0.06540	0.3	
19															7.6	0.00	0.00	8.3	0.06530	0.0	
20															7.5	0.00	0.00	8.0	0.05350	0.0	
21															7.2	0.06	0.06	7.1	0.05350	0.2	
22			2	1	5	2	0.1	0.05	1.2	0.5	33	36.9			7.0	0.04	0.04	6.0	0.04640	0.0	
23															7.1	0.02	0.02	6.9	0.04220	0.0	
24															7.2	0.04	0.04	7.4	0.04890	0.0	
25															7.1	0.02	0.02	6.6	0.06930	0.0	
26															7.1	0.13	0.13	7.2	0.04690	0.0	
27															6.9	0.03	0.03	8.4	0.04130	0.0	
28															6.9	0.05	0.05	9.3	0.02890	0.0	
29															6.8	0.03	0.03	9.0	0.03710	0.0	
30			3	1	11	4	0.1	0.04	0.7	0.3	95	39.9			7.3	0.04	0.04	9.8	0.04700	0.0	
31																					
Min															6.0						
Max											95	35.3	#DIV/0!	#DIV/0!	7.7	0.13	0.03		0.07090		
Avg:			3	1	9	3	0.1	0.04	0.9	0.3	31	35.3	#DIV/0!	#DIV/0!					0.05000		

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				17	11	01	TO	17	11	30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 12/4/2017

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP  
 Municipality: Chadds Ford Township County: Delaware  
 Watershed: 3-G

Month: November Year: 2017  
 NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0472						4.8	750.0		
2	0.0365					3,020.0	4.1	3,525.0		
3	0.0412						4.9	5,250.0		
4	0.06						4.8	2,625.0		
5	0.0685						4.6	600.0		
6	0.0401					2,830.0	3.5	750.0		
7	0.0487						4.8	3,000.0		
8	0.0434						4.7	3,000.0		
9	0.0388	800.0	259	392.0	127	2,730.0	4.7	750.0		
10	0.0548						5.5	4,500.0		
11	0.07					2,400.0	6.2	3,000.0		
12	0.0492						5.6	4,500.0		
13	0.0452						5.1	750.0		
14	0.044					2,410.0	6.4	3,000.0		
15	0.0547						6.1	1,500.0		
16	0.0709					2,430.0	5.3	1,500.0		
17	0.0411						4.8	2,250.0		
18	0.0654					2,550.0	5.0	1,050.0		
19	0.0653						0.41	2,250.0		
20	0.0535					2,510.0	3.9	2,250.0		
21	0.0535						5.3	6,000.0		
22	0.0464						4.5	6,000.0		
23	0.0422					2,250.0	5.8	1,500.0		
24	0.0489						6.8	1,500.0		
25	0.0693					2,450.0	5.2	1,125.0		
26	0.0469						4.0	1,500.0		
27	0.0413					2,020.0	1.1	0.0		
28	0.0292						6.2	450.0		
29	0.0371						5.9	1,875.0		
30	0.047					2,550.0	5.5	1,875.0		
31										
Avg	0.05	800	259	392	127	2,513	5	2,288		
Max	0.071	800	259	392	127	3,020	7	6,000		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 12/4/2017



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

December 15, 2017

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for November 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
November 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for November 2017.

Wastewater Plant

Average Daily Flow: 50,000 gallons. Peak Daily Flow: 70,900 gallons.

Sludge Hauled: 12,800 gallons

Sodium hypochlorite was delivered: 145 gallons

Aluminum Sulfate was delivered: 250 gallons

Sodium Bicarbonate was delivered: 49 bags

The return sludge line on Train # 1 was blocked. The debris was cleared from the pipe and is working properly.

The hot water heater failed. A new unit was installed.

The utility sink was replaced due to excessive corrosion.

The #5 blower motor was replaced. The old unit was tripping out running at high amps. A replacement motor is on order the price is \$618.00.

A sludge return valve on aeration train #1 was repaired.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

January 15, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for December 2017**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for December 2017. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V.Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Friday, January 12, 2018 1:40 PM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; kendria.henson@drbc.nj.gov; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 12/01/2017-12/31/2017  
**Report Due Date:** 01/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 81392  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756 CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

MONITORING PERIOD  
YEAR MO DAY TO YEAR MO DAY  
2017 12 01 TO 2017 12 31

Reporting Frequency: Monthly  
DMR Effective From: 12/01/2017  
DMR Effective To: 12/31/2017  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen	Sample Measurement	***	***	7.6	***	mg/L	Grab	1/day
	Permit Measurement	***	***	5.0 Incl Min	***	***	Grab	1/day
pH	Sample Measurement	***	***	6.2	***	S.U.	Grab	1/day
	Permit Measurement	***	***	6.0 Incl Min	***	***	Grab	1/day
Total Suspended Solids	Sample Measurement	8	lb/day	***	18	mg/L	24-Hr Composite	1/week
	Permit Measurement	25 Avg Mo	***	***	30 Avg Mo	***	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	***	36.3	mg/L	24-Hr Composite	1/week
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	.15	lb/day	***	4	mg/L	24-Hr Composite	1/week
	Permit Measurement	5.0 Avg Mo	***	***	6.0 Avg Mo	***	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.1	lb/day	***	4	mg/L	24-Hr Composite	1/week
	Permit Measurement	1.7 Avg Mo	***	***	7.0 Avg Mo	***	24-Hr Composite	1/week
Flow	Sample Measurement	.5280	MGD	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Daily Max	***	***	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	***	.04	mg/L	Grab	1/day
	Permit Measurement	***	***	***	Avg Mo	.14 IMAX	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	***	26	CFU/100 ml	Grab	1/week
	Permit Measurement	***	***	***	200 Avg Mo	1000 IMAX	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	1	lb/day	***	4	mg/L	24-Hr Composite	1/week
	Permit Measurement	21 Avg Mo	***	***	25 Avg Mo	***	24-Hr Composite	1/week
Facility Comments								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

**ATTACHMENT DETAILS**

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill Farm Supp S form December 2017.xls	Daily Effluent Monitoring Form	2018-01-12T12:08:41-05:00	
Springhill Farm Influent and Process Control Form December 2017.xls	Influent and Process Control Form	2018-01-12T12:09:14-05:00	
Springhill Farm Solids Disposal Form December 2017.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-01-12T12:10:51-05:00	
Springhill DMR lab record December 2017.doc	Laboratory Accreditation Form	2018-01-12T12:18:05-05:00	
Springhill DEP Cover LP December 2017.doc	Cover Letter	2018-01-12T13:38:15-05:00	

**PERMIT VIOLATIONS**

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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**UNAUTHORISED DISCHARGES**

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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**OTHER PERMIT VIOLATIONS**

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non-Compliance Type	Comments
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**COMMENTS DETAILS**

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	10403	610876523

**SUBMISSION INFORMATION**

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			TELEPHONE	DATE		
	DISANTISMI	Michael DiSantis	AREA CODE	NUMBER	YEAR	MO	DAY
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

**DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)**  
 Month: **December-17**

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent													Effluent													Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD								
1															7.3	0.03	0.03	9.6	0.04080	0.0							
2															7.6	0.06	0.04	9.5	0.04920	0.0							
3															7.5	0.01	0.01	7.6	0.03960	0.0							
4															6.8	0.02	0.02	8.5	0.04090	0.0							
5															7.2	0.05	0.05	8.7	0.04410	0.5							
6															7.1	0.02	0.02	8.6	0.03470	0.0							
7										61					7.6	0.03	0.03	8.9	0.03670	0.0							
8			3	1	5	2	0.2	0.05	0.3	0.1		36.1		7.2	0.01	0.01	9.3	0.03670	0.0								
9														7.4	0.04	0.04	9.4	0.05110	0.0								
10														6.9	0.04	0.04	8.9	0.04940	0.0								
11														7.1	0.01	0.01	8.8	0.03480	0.0								
12														7.4	0.06	0.06	9.7	0.02940	0.0								
13														7.2	0.05	0.05	9.8	0.03630	0.0								
14	404	100	4	2	40	15	0.2	0.06	0.8	0.3	95	36.1		7.3	0.01	0.01	10.0	0.04500	0.0								
15														6.8	0.05	0.05	9.4	0.03780	0.0								
16														6.4	0.04	0.04	9.8	0.05320	0.0								
17														7.6	0.10	0.10	9.1	0.04360	0.0								
18														7.2	0.00	0.00	9.1	0.03670	0.0								
19														7.0	0.02	0.02	10.7	0.04060	0.0								
20														7.3	0.06	0.06	10.3	0.03850	0.0								
21			6	2	6	2	0.3	0.10	0.2	0.1	39	32.8		7.4	0.09	0.06	9.7	0.04210	0.0								
22														7.5	0.03	0.03	8.5	0.05200	0.5								
23														7.0	0.06	0.06	7.6	0.06290	0.0								
24														7.2	0.09	0.09	8.6	0.03930	0.3								
25														7.9	0.06	0.06	8.8	0.03320	0.0								
26														6.8	0.05	0.05	8.8	0.03210	0.0								
27														7.2	0.04	0.04	7.7	0.04330	0.0								
28			4	2	19	7	1.0	0.37	0.3	0.1	2	40.3		7.3	0.02	0.02	7.9	0.04320	0.0								
29														7.5	0.03	0.03	8.2	0.04430	0.0								
30														6.2	0.01	0.01	9.1	0.04300	0.0								
31														6.9	0.00	0.00	9.5	0.03930	0.0								
Min														6.2			7.6										
Max			4	1	18	6	0.4	0.15	0.4	0.1	95	36.3	#DIV/0!	7.9	0.10	0.04		0.06290									
Avq:											26		#DIV/0!					0.04173									

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC  
 Fecal coliform is geometric mean  
 Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0052230				17	12	01	TO 17 12 31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>				
cBOD5	S5210B-11	ALS Environmental	22-293				
TSS	S2540D-11	ALS Environmental	22-293				
Fecal Coliform	S9222D-97	ALS Environmental	22-293				
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293				
TDS	S2540C-11	ALS Environmental	22-293				
Total Phosphorous	EPA 365.1	ALS Environmental	22-293				
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671				
TRC & pH	Meter	DELCORA- Operations Meter	23-00671				
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671				
Total Copper	EPA 200.7	ALS Environmental	22-293				
Total Nitrogen	Calculation	ALS Environmental	22-293				
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293				

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 1/8/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: December      Year: 2017  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      County: Delaware  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0408						3.5	2,250.0
2	0.0492					2,410.0	4.3	1,500.0
3	0.0395						2.0	1,500.0
4	0.0409					2,730.0	2.0	750.0
5	0.0441						2.3	6,000.0
6	0.0347					1,830.0	4.6	3,000.0
7	0.0367						5.7	1,500.0
8	0.0367					2,190.0	6.3	1,200.0
9	0.0511						5.8	1,200.0
10	0.0494						4.2	1,500.0
11	0.0348						4.2	0.0
12	0.0294						5.7	600.0
13	0.0363						6.4	1,500.0
14	0.045	404.0	152	100.0	38	2,170.0	6.1	0.0
15	0.0378						6.3	1,500.0
16	0.0532					2,650.0	5.7	1,500.0
17	0.0436						5.0	2,250.0
18	0.0367					3,170.0	4.9	3,000.0
19	0.0406						5.0	6,000.0
20	0.0385					2,340.0	5.6	6,000.0
21	0.0421						5.3	3,000.0
22	0.052					2,230.0	2.4	2,250.0
23	0.0629						4.1	2,250.0
24	0.0393					1,930.0	5.3	3,000.0
25	0.0332						6.3	0.0
26	0.0321						5.4	300.0
27	0.0433						4.9	750.0
28	0.0432					2,470.0	5.1	750.0
29	0.0443						5.6	2,250.0
30	0.043					2,600.0	5.6	2,250.0
31	0.0393						5.6	4,375.0
Avg	0.042	404	152	100	38	2,393	5	2,062
Max	0.063	404	152	100	38	3,170	6	6,000

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 1/8/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

January 15, 2018

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for December 2017. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
December 2017**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for December 2017.

Wastewater Plant

Average Daily Flow: 41,730 gallons. Peak Daily Flow: 62,900 gallons.

Sludge Hauled: 27,600 gallons

Sodium hypochlorite was delivered: 249 gallons

Aluminum Sulfate was delivered: 95 gallons

Sodium Bicarbonate was delivered: 49 bags

A waste valve broke on aeration train #2. The valve was repaired.

The air line at the dechlorination tank was leaking. Repairs were made and is now working properly.

The belts on blower #5 failed and were replaced.

The motor on blower #5 failed. The spare motor was installed and a new motor was purchased as a spare.

A sludge return valve on aeration train #2 was repaired.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

February 15, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for January 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for January 2018. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

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PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthehelpdesk@state.pa.us  
**Sent:** Thursday, February 15, 2018 8:36 AM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; kendria.henson@drbc.nj.gov; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 01/01/2018-01/31/2018  
**Report Due Date:** 02/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 86790  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

MONITORING PERIOD  
YEAR MO DAY YEAR MO DAY  
2018 01 01 2018 01 31

Reporting Frequency: Monthly  
DMR Effective From: 01/01/2018  
DMR Effective To: 01/31/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen	Sample Measurement	8.0	mg/L	8.0	mg/L	8.0	Grab	1/day
	Permit Measurement	6.0	mg/L	6.0	mg/L	6.0	Grab	1/day
pH	Sample Measurement	6.7	S.U.	6.7	S.U.	6.0	Grab	1/day
	Permit Measurement	6.0	S.U.	6.0	S.U.	6.0	Grab	1/day
Total Suspended Solids	Sample Measurement	17	mg/L	17	mg/L	17	24-Hr Composite	1/week
	Permit Measurement	30	mg/L	30	mg/L	30	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	36.8	mg/L	36.8	mg/L	36.8	24-Hr Composite	1/week
	Permit Measurement	3	mg/L	3	mg/L	3	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	6.0	mg/L	6.0	mg/L	6.0	24-Hr Composite	1/week
	Permit Measurement	8	mg/L	8	mg/L	8	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	2.0	mg/L	2.0	mg/L	2.0	24-Hr Composite	1/week
	Permit Measurement	2.0	mg/L	2.0	mg/L	2.0	24-Hr Composite	1/week
Flow	Sample Measurement	0.8710	MGD	0.8710	MGD	0.8710	Recorder	Continuous
	Permit Measurement	0.8710	MGD	0.8710	MGD	0.8710	Recorder	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	0.07	mg/L	0.07	mg/L	0.07	Grab	1/day
	Permit Measurement	14	mg/L	14	mg/L	14	Grab	1/day
Fecal Coliform	Sample Measurement	44	CFU/100 ml	44	CFU/100 ml	44	Grab	1/week
	Permit Measurement	1000	CFU/100 ml	1000	CFU/100 ml	1000	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	2	mg/L	2	mg/L	2	24-Hr Composite	1/week
	Permit Measurement	25	mg/L	25	mg/L	25	24-Hr Composite	1/week
Facility Comments								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Lr January 2018.doc	Cover Letter	2018-02-09T12:07:42-0500	
Springhill Farm Slips 5 form January 2018.xls	Daily Effluent Monitoring Form	2018-02-09T12:08:20-0500	
Springhill Farm Inflow and Process Control Form January 2018.xls	Inflow and Process Control Form	2018-02-09T12:09:05-0500	
Springhill Farm Solid Disposal Form January 2018.xls	Sewage Sludge (Wastewater) Production and Disposal Form	2018-02-09T12:09:43-0500	
Springhill DMR lab record January 2018.doc	Laboratory Accreditation Form	2018-02-09T12:03:14-0500	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disantis	T0423	670878523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting critical information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			TELEPHONE	DATE		
	DISANTISM	Michael Disantis	AREA CODE	NUMBER	YEAR	MO	DAY
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY	

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)  
 Month: January-18

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent													Effluent													Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD								
1															7.0	0.00	0.00	9.6	0.05421	0.0							
2															7.0	0.04	0.04	9.4	0.03910	0.0							
3															6.8	0.06	0.06	9.6	0.03850	0.0							
4			2	1	5	3	0.1	0.06	0.3	0.1	7	32.8			6.9	0.03	0.03	10.2	0.06710	0.0							
5															7.4	0.03	0.03	10.1	0.03860	0.0							
6															7.1	0.02	0.02	11.1	0.05210	0.0							
7															6.8	0.02	0.00	9.9	0.05530	0.0							
8															7.1	0.02	0.02	10.2	0.03540	0.0							
9															7.0	0.02	0.02	10.1	0.02770	0.0							
10															6.8	0.04	0.04	11.1	0.03760	0.0							
11	374	156	11	4	30	10	0.1	0.04	1.1	0.4	7	44.2	0.026	564	7.0	0.05	0.05	10.3	0.04070	0.0							
12															7.0	0.04	0.04	10.2	0.06280	1.5							
13															6.9	0.01	0.01	9.7	0.04556	0.0							
14															6.9	0.04	0.08	8.3	0.05240	0.0							
15															7.1	0.07	0.07	8.0	0.03050	0.0							
16															7.1	0.03	0.03	9.7	0.03560	0.0							
17															6.7	0.00	0.00	9.3	0.03520	0.0							
18			6	2	11	3	0.6	0.19	1.0	0.3	44	37.0			7.3	0.01	0.01	9.6	0.03590	0.0							
19															7.3	0.01	0.01	9.5	0.04920	0.0							
20															7.1	0.01	0.01	9.5	0.05550	0.0							
21															7.3	0.00	0.00	8.6	0.04860	0.0							
22															7.3	0.03	0.03	10.5	0.03290	0.3							
23															7.3	0.00	0.00	9.8	0.03720	0.6							
24															6.8	0.02	0.00	10.1	0.03630	0.0							
25			6	2	20	8	0.2	0.08	0.8	0.3	20	33.0			7.3	0.04	0.04	11.2	0.04900	0.0							
26															7.5	0.04	0.04	12.0	0.04150	0.0							
27															7.2	0.03	0.03	11.5	0.04510	0.2							
28															7.2	0.04	0.04	9.2	0.04800	0.0							
29															7.2	0.01	0.01	8.9	0.04480	0.2							
30															7.5	0.02	0.02	9.0	0.04310	0.0							
31															7.4	0.02	0.02	9.4	0.04350	0.3							
Min											44				6.7			8.0	0.06710								
Max											14	36.8	0.03	564.0	7.5	0.07	0.03		0.04384								
Avg:			6	2	17	6	0.3	0.09	0.8	0.3	14																

Telephone 610-876-5523

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

<b>Permittee Name:</b> <u>Springhill Farm Wastewater Treatment Facility Association</u>							
<b>Address:</b> <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day			
PA0052230				18	1	01	TO 18 1 31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>				
cBOD5	S5210B-11	ALS Environmental	22-293				
TSS	S2540D-11	ALS Environmental	22-293				
Fecal Coliform	S9222D-97	ALS Environmental	22-293				
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293				
TDS	S2540C-11	ALS Environmental	22-293				
Total Phosphorous	EPA 365.1	ALS Environmental	22-293				
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671				
TRC & pH	Meter	DELCORA- Operations Meter	23-00671				
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671				
Total Copper	EPA 200.7	ALS Environmental	22-293				
Total Nitrogen	Calculation	ALS Environmental	22-293				
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293				

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.

**Name/Title Principal Executive Officer**

Phone: 610-876-5523

**Signature of Principal Executive Officer or  
Authorized Agent**

Michael J. DiSantis, Dir. of O&

Date: 2/5/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Springhill Farm STP      Month: January      Year: 2018  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G      NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0542					2,100.0	5.1	3,000.0
2	0.0391						6.6	750.0
3	0.0385						6.7	750.0
4	0.0671					2,460.0	6.7	750.0
5	0.0386						7.8	1,500.0
6	0.0521					2,700.0	8.4	1,500.0
7	0.0553						5.6	7,125.0
8	0.0354					2,840.0	5.4	1,875.0
9	0.0277						5.5	2,625.0
10	0.0376						6.4	5,625.0
11	0.0407	374.0	127	156.0	53	2,130.0	6.9	2,625.0
12	0.0628						5.0	750.0
13	0.0456					2,680.0	1.9	750.0
14	0.0524						3.3	2,250.0
15	0.0305						7.9	0.0
16	0.0356						4.8	6,000.0
17	0.0352						6.5	6,000.0
18	0.0359					2,180.0	5.8	1,500.0
19	0.0492						6.1	1,125.0
20	0.0555					2,640.0	4.2	1,125.0
21	0.0486						2.8	2,250.0
22	0.0329					2,680.0	5.0	2,625.0
23	0.0372						4.6	2,250.0
24	0.0363						5.5	1,875.0
25	0.049					1,870.0	5.9	1,875.0
26	0.0415						5.8	375.0
27	0.0451					2,220.0	5.6	750.0
28	0.048						0.03	1,200.0
29	0.0448					2,310.0	2.8	1,200.0
30	0.0431						4.8	1,500.0
31	0.0435						5.1	1,500.0
AVG	0.044	374	127	156	53	2,401	5	2,098
Max	0.067	374	127	156	53	2,840	8	7,125

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis  
 Title: Dir. of Operations and Maintenance

License No.: T0403  
 Date: 2/5/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

February 15, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 1Q 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the first quarter of 2018.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter CFTSA  
File

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610-876-5523  
 FAX: 610-497-7950

**Cummings, Meghan**

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, February 15, 2018 8:38 AM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; kendria.henson@drbc.nj.gov; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 01/01/2018-03/31/2018  
**Report Due Date:** 04/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 86792  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Recording Frequency: Quarterly  
DMR Effective From: 01/01/2018  
DMR Effective To: 03/31/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD			
YEAR	MO	DAY	TO
2018	01	01	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS			
Copper, Total	***	***	***	03	***	mg/L	24-Hr Composite	1/quarter
	***	***	***	Monitor & Report Daily Max	***	***	24-Hr Composite	1/quarter
Total Dissolved Solids	***	***	***	564	***	mg/L	24-Hr Composite	1/quarter
	***	***	***	Monitor & Report Daily Max	***	***	24-Hr Composite	1/quarter
Facility Comments								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Covr Labr 12 2018.doc	Cover Labor	2018-02-09T12:14:47-0500	
Springhill Farm Sops 8 form January 2018.xls	Daily Effluent Monitoring Form	2018-02-09T12:15:03-0500	
Springhill DMR lab second January 2016.doc	Laboratory Accreditation Form	2018-02-09T12:16:23-0500	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Lead Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Resolving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	70463	610275523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	DISANTISM	Michael DiSantis	AREA CODE	NUMBER	2018	YEAR	NUMBER	MO	DATE	DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

February 15, 2018

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for January 2018. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
January 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for January 2018.

Wastewater Plant

Average Daily Flow: 43,840 gallons. Peak Daily Flow: 67,100 gallons.

Sludge Hauled: 18,500 gallons

Sodium hypochlorite was delivered: 111 gallons

Aluminum Sulfate was delivered: 220 gallons

A portable heater was purchased and placed in the control building to assist the electric baseboard heat during the recent extreme cold temperatures.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

March 13, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for February 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for February 2018. There was one violation during the month for a TSS exceedance that was due to a clarifier airlift sludge return line blockage and excessive foaming due to bacterial growth in an aeration train. The foam is being treated with sodium hypochlorite being injected into the mixed liquor and a surface application. The blockage was cleared and the final tanks were thoroughly cleaned.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthehelpdesk@state.pa.us  
**Sent:** Tuesday, March 13, 2018 2:02 PM  
**To:** DiSantis, Michael; Gober, Stan; doug.rowland@drbc.nj.gov; dlinahan@comcast.net; kendria.henson@drbc.nj.gov; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 02/01/2018-02/28/2018  
**Report Due Date:** 03/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 90660  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)**

NAME: SPRING HILL FARM WWTF ASSN  
 ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
 FACILITY: SPRINGHILL FARM STP  
 LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
 STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
 DMR Effective From: 02/01/2018  
 DMR Effective To: 02/28/2018  
 Permit Expires: 12/31/2020  
 Permit Application Due: 07/04/2020  
 No Discharge? No

Reporting Frequency: Monthly  
 DMR Effective From: 02/01/2018  
 DMR Effective To: 02/28/2018  
 Permit Expires: 12/31/2020  
 Permit Application Due: 07/04/2020  
 No Discharge? No

MONITORING PERIOD			
YEAR	MO	DAY	TIME
2018	02	01	TO
2018	02	28	

**PARAMETERS REPORTED VALUES**

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen	Sample Measurement	8.0	mg/L		Grab	1/day
	Permit Measurement	5.0	Inst Min		Grab	1/day
pH	Sample Measurement	6.7	S.U.	7.8	Grab	1/day
	Permit Measurement	6.0	Inst Min	MAX	Grab	1/day
Total Suspended Solids	Sample Measurement	14	mg/L	43	24-Hr Composite	1/week
	Permit Measurement	25	Avg Mo	30	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	27.8	mg/L		24-Hr Composite	1/week
	Permit Measurement		Monitor & Report Avg Mo		24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	.03	mg/L	.3	24-Hr Composite	1/week
	Permit Measurement	5.0	Avg Mo		24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.3	mg/L	.9	24-Hr Composite	1/week
	Permit Measurement	1.7	Avg Mo	2.0	24-Hr Composite	1/week
Flow	Sample Measurement	.0753	MGD		Recorded	Continuous
	Permit Measurement	Monitor & Report Daily Max			Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	.03	mg/L	.11	Grab	1/day
	Permit Measurement	.05	Avg Mo	MAX	Grab	1/day
Fecal Coliform	Sample Measurement	4	CFU/100 ml	53	Grab	1/week
	Permit Measurement	1000	Avg Mo	MAX	Grab	1/week
Carboxaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	3	mg/L	8	24-Hr Composite	1/week
	Permit Measurement	21	Avg Mo	25	24-Hr Composite	1/week
Facility Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Lr February 2018.doc	Cover Letter	2018-03-19T13:57:01-04:00	
Springhill Farm Inflow and Process Control Form February 2018.xls	Inflow and Process Control Form	2018-03-19T13:58:09-04:00	
Springhill Farm Solids Disposal Form February 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-03-12T09:03:57-04:00	
Springhill DMR Lab record February 2018.doc	Laboratory Accreditation Form	2018-03-12T08:07:01-04:00	
Springhill Farm Supp 3' form February 2018.xls	Daily Effluent Monitoring Form	2018-03-12T08:02:17-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Lead Units	Sampling Point ID	Cause of N/C	Corrective Action	Comments
53854	02/01/2018	02/28/2018	Total Suspended Solids	Average Monthly	43	30	lb/day	001	See attached comments	See attached comments	A blocked air lift return on 2/22 resulting in solids passing to effluent in combination with a persistent biological foaming were the causes for the violation. The air lift blockage was addressed on 2/22 and the foaming issue was treated throughout the month. The effluent was analyzed for liquid impingement of sodium hypochlorite.

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	T0403	6108765223

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE	DATE
*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting critical information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Michael DiSantis	
DISANTISM	AREA CODE NUMBER	YEAR MONTH DAY
	2018	3 13
	AREA CODE NUMBER	YEAR MONTH DAY
		MO DAY

**DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)**  
 Month: **February-18**

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent													Effluent													Rainfall Inches
	BODs mg/l	TSS mg/l	cBODs mg/l	cBODs lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD								
1			8	3	29	10	0.2	0.08	0.6	0.2	4	26.3			7.1	0.01	0.01	9.7	0.04300	0.3							
2															7.7	0.01	0.01	9.2	0.03670	0.0							
3															6.8	0.11	0.05	9.9	0.04330	0.0							
4															7.2	0.09	0.04	9.8	0.06180	1.1							
5															7.4	0.00	0.00	9.7	0.03510	0.1							
6															7.1	0.05	0.05	10.3	0.03350	0.2							
7															7.2	0.06	0.06	8.0	0.05750	0.9							
8			9	2	42	11	0.3	0.07	1.0	0.3	53	32.3			7.7	0.01	0.01	9.3	0.03160	0.3							
9															6.8	0.02	0.02	10.0	0.04800	0.0							
10															7.8	0.01	0.01	10.6	0.05800	0.7							
11															7.1	0.05	0.05	10.6	0.06350	1.7							
12															7.6	0.03	0.03	11.0	0.07560	0.0							
13															6.8	0.00	0.00	13.2	0.04150	0.1							
14															6.7	0.04	0.04	11.8	0.05550	0.3							
15	283	124	7	3	30	12	0.1	0.04	1.0	0.4	1	27.0			7.0	0.02	0.02	11.0	0.04900	0.5							
16															7.2	0.05	0.05	10.5	0.03990	0.0							
17															7.3	0.02	0.02	10.3	0.04940	0.6							
18															7.5	0.03	0.03	10.3	0.04730	0.0							
19															7.4	0.04	0.04	10.4	0.05190	0.3							
20															7.0	0.00	0.00	9.6	0.03520	0.0							
21															7.3	0.00	0.00	10.1	0.04300	0.1							
22			6	2	69	23	0.5	0.16	1.0	0.3	1	25.9			7.4	0.02	0.02	10.7	0.03980	0.5							
23															7.1	0.04	0.04	10.2	0.04900	0.2							
24															7.5	0.01	0.01	10.3	0.04780	0.6							
25															7.2	0.03	0.03	10.9	0.05800	0.4							
26															6.8	0.02	0.02	11.4	0.05130	0.0							
27															6.9	0.03	0.03	10.5	0.04050	0.0							
28															7.2	0.02	0.02	10.2	0.04400	0.0							
29																											
30																											
31																											
Min															6.7			8.0									
Max											53	27.9	#DIV/0!	#DIV/0!	7.8	0.11			0.07560								
Avg:			8	3	43	14	0.3	0.09	0.9	0.3	4	27.9	#DIV/0!	#DIV/0!			0.03		0.04753								

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				18	2	01	TO	18	2	28
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&Date: 3/5/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: February      Year: 2018  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G  
 NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.043					2,380.0	5.4	1,500.0
2	0.0367						5.1	3,500.0
3	0.0433					2,530.0	5.6	1,560.0
4	0.0618						5.2	1,050.0
5	0.0351					2,190.0	5.6	2,250.0
6	0.0335						6.3	2,250.0
7	0.0575						5.8	2,250.0
8	0.0316					2,010.0	6.9	1,500.0
9	0.048						6.8	1,125.0
10	0.058					2,640.0	7.8	750.0
11	0.0635						8.7	750.0
12	0.0756					2,140.0	7.4	2,625.0
13	0.0415						7.8	750.0
14	0.0555						13.2	750.0
15	0.049	283.0	116	124.0	51	2,930.0	6.5	3,750.0
16	0.0399						5.0	6,000.0
17	0.0494					2,180.0	6.7	2,625.0
18	0.0473						9.4	3,000.0
19	0.0519					1,940.0	7.1	712.0
20	0.0352						5.1	450.0
21	0.043					1,990.0	5.4	750.0
22	0.0398						5.7	1,500.0
23	0.049						4.0	525.0
24	0.0478					2,440.0	3.3	750.0
25	0.058						3.2	1,500.0
26	0.0513					2,530.0	3.3	3,000.0
27	0.0405						5.3	3,000.0
28	0.044					2,520.0	6.1	3,000.0
29								
30								
31								
Avg	0.048	283	116	124	51	2,340	6	1,899
Max	0.076	283	116	124	51	2,930	13	6,000

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 3/5/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

March 12, 2018

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for February 2018. There was one violation during the month for a TSS exceedance that was due to a clarifier airlift sludge return line blockage and excessive foaming due to a bacterial growth on an aeration train. The foam is being treated with sodium hypochlorite being injected into the mixed liquor and a surface application. The blockage was cleared and the final tanks were thoroughly cleaned.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
February 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for February 2018.

Wastewater Plant

Average Daily Flow: 47,530 gallons. Peak Daily Flow: 75,600 gallons.

Sludge Hauled: 17,900 gallons

Sodium hypochlorite was delivered: 278 gallons

Aluminum Sulfate was delivered: 200 gallons

The pulleys on the #5 blower were worn. A new set was ordered and installed.

The #1 clarifier airlift sludge return line blocked on 2/21/18 causing a small amount of solids to flow to the final tanks. This event coupled with a stubborn bacterial growth that is causing an excessive amount of foaming resulted into a TSS violation for the month. We are treating the foaming issue with sodium hypochlorite being injected into the mixed liquor and a surface application directly to the foam. The blockage was removed and the final tanks were thoroughly cleaned.

An overload relay on the equalization pump control electronics malfunctioned. A new starter overload relay is ordered and will be installed.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

April 11, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for March 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for March 2018. There were no violation during the reporting period.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

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PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, April 19, 2018 2:16 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 03/01/2018-03/31/2018  
**Report Due Date:** 04/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 94967  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.

3800-FM-BPNPSM0462 3/2012



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 03/01/2018  
DMR Effective To: 03/31/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2018	03	01	TO 2018	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY	
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Dissolved Oxygen	Sample Measurement	***	***	***	7.0	***	***	mg/L	Grab	1/day
	Permit Measurement	***	***	***	5.0	***	***	Inst Min	Grab	1/day
pH	Sample Measurement	***	***	***	6.3	***	7.8	S.U.	Grab	1/day
	Permit Measurement	***	***	***	6.0	***	9.0	Inst Min	Grab	1/day
Total Suspended Solids	Sample Measurement	8	***	lb/day	***	22	***	mg/L	24-Hr Composite	1/week
	Permit Measurement	25	***	***	***	30	***	Avg Mo	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	***	***	30.4	***	mg/L	24-Hr Composite	1/week
	Permit Measurement	***	***	***	***	Monitor & Report	***	Avg Mo	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	.25	***	lb/day	***	.8	***	mg/L	24-Hr Composite	1/week
	Permit Measurement	5.0	***	***	***	6.0	***	Avg Mo	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.3	***	lb/day	***	.8	***	mg/L	24-Hr Composite	1/week
	Permit Measurement	1.7	***	***	***	2.0	***	Avg Mo	24-Hr Composite	1/week
Flow	Sample Measurement	.04820	.06660	MGD	***	***	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report	Monitor & Report	***	***	***	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	***	***	.03	.06	mg/L	Grab	1/day
	Permit Measurement	***	***	***	***	.05	.14	Avg Mo	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	***	***	2	8	CFU/100 ml	Grab	1/week
	Permit Measurement	***	***	***	***	200	1000	Avg Mo	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	2	***	lb/day	***	5	***	mg/L	24-Hr Composite	1/week
	Permit Measurement	21	***	***	***	25	***	Avg Mo	24-Hr Composite	1/week
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF CLEAN WATER  
 DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Ltr March 2018.doc	Cover Letter	2018-04-11T16:19:11-04:00	
Springhill Farm Supp S form March 2018.xls	Daily Effluent Monitoring Form	2018-04-11T16:19:50-04:00	
Springhill Farm Influent and Process Control Form March 2018.xls	Influent and Process Control Form	2018-04-11T16:20:45-04:00	
Springhill Farm Solids Disposal Form March 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-04-11T16:21:29-04:00	
Springhill DMR lab record March 2018.xlsx	Laboratory Accreditation Form	2018-04-11T16:22:21-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
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UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
-------------------	-----------------------------	--------------------	---------------------	----------

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J DiSantis	T0403	6108766523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	TELEPHONE		DATE		
			AREA CODE	NUMBER	YEAR	MO	DAY
DISANTISM		Michael DiSantis			2018	4	19

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: March-18

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Influent		Effluent														Rainfall				
Date	BOD <sub>5</sub> mg/l	TSS mg/l	cBOD <sub>5</sub> mg/l	cBOD <sub>5</sub> lbs.	TSS mg/l	TSS lbs.	NH <sub>3</sub> mg/l	NH <sub>3</sub> lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Inches
1			3	1	34	13	0.1	0.05	1.1	0.4	1	33.0			6.3	0.01	0.01	10.1	0.04480	1.4
2															7.2	0.01	0.01	9.1	0.05930	0.5
3															6.9	0.05	0.05	9.6	0.06680	0.0
4															7.2	0.04	0.04	10.4	0.04690	0.0
5															7.2	0.05	0.05	9.2	0.05130	0.0
6															7.0	0.00	0.00	9.6	0.04000	0.2
7															6.8	0.04	0.04	9.6	0.05070	0.0
8			9	3	32	12	0.8	0.28	0.9	0.3	1	31.5			6.7	0.01	0.01	10.2	0.04420	0.0
9															7.3	0.00	0.00	9.2	0.04780	0.0
10															7.8	0.03	0.03	9.3	0.05880	0.0
11															7.3	0.02	0.02	8.7	0.04930	0.0
12															7.3	0.02	0.02	8.1	0.04610	0.0
13															7.2	0.02	0.02	9.2	0.05260	0.0
14															6.8	0.02	0.02	9.5	0.04760	0.0
15	147	86	3	1	7	3	0.2	0.07	0.5	0.2	8	24.9			7.1	0.04	0.04	9.0	0.04490	0.0
16															6.8	0.04	0.04	9.2	0.03640	0.0
17															7.2	0.00	0.00	10.8	0.04880	0.0
18															7.3	0.00	0.00	9.4	0.04380	0.0
19															7.3	0.04	0.06	8.3	0.04170	0.0
20															7.6	0.05	0.05	8.5	0.03770	0.3
21															7.8	0.03	0.03	9.2	0.04000	0.0
22			10	4	27	10	0.3	0.11	0.8	0.3	3	30.7			6.9	0.02	0.03	9.7	0.04440	0.0
23															7.2	0.04	0.04	10.3	0.04850	0.0
24															7.2	0.01	0.01	10.4	0.05490	0.0
25															7.2	0.06	0.06	9.8	0.06070	0.0
26															7.3	0.01	0.01	11.8	0.04170	0.0
27															7.5	0.04	0.04	9.7	0.04250	0.0
28															7.4	0.03	0.03	9.6	0.04340	0.3
29			2	1	9	4	1.7	0.76	0.8	0.4	1	31.7			7.6	0.00	0.00	9.5	0.05450	0.0
30															6.9	0.04	0.04	9.3	0.04720	0.3
31															6.7	0.04	0.04	7.0	0.05680	0.0
Min															6.3			7.0		
Max															7.8	0.06			0.06680	
Avg:			5	2	22	8	0.6	0.25	0.8	0.3	2	30.4	#DIV/0!	#DIV/0!	7.8	0.06	0.03		0.04820	

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Telephone 610-876-5523

Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				18	3	01	TO	18	3	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&Date: 4/4/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: March      Year: 2018  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G  
 NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control		
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0448						4.4	4,500.0
2	0.0593						3.7	4,500.0
3	0.0668					1,940.0	5.7	3,000.0
4	0.0469						4.3	750.0
5	0.0513					2,250.0	6.6	2,250.0
6	0.04						7.1	2,025.0
7	0.0507					1,760.0	5.4	2,920.0
8	0.0442						4.9	3,000.0
9	0.0478						5.9	1,800.0
10	0.0588					2,070.0	6.9	1,800.0
11	0.0493						7.3	3,000.0
12	0.0461					1,680.0	5.1	3,000.0
13	0.0526						7.0	0.0
14	0.0476					2,240.0	5.4	750.0
15	0.0449	147.0	55	86.0	32		6.1	750.0
16	0.0364						6.1	750.0
17	0.0488					2,170.0	7.1	1,500.0
18	0.0438						6.2	1,125.0
19	0.0417					2,940.0	5.6	750.0
20	0.0377						6.4	1,125.0
21	0.04					2,480.0	4.7	1,125.0
22	0.0444						5.5	3,000.0
23	0.0485						7.9	3,000.0
24	0.0549					2,210.0	7.6	3,000.0
25	0.0607						5.85	750.0
26	0.0417					2,500.0	7.1	750.0
27	0.0425						6.9	2,625.0
28	0.0434					1,850.0	5.1	4,000.0
29	0.0545						2.5	0.0
30	0.0472						4.0	0.0
31	0.0568					1,340.0	4.8	0.0
Avg	0.048	147	55	86	32	2,110	6	1,856
Max	0.067	147	55	86	32	2,940	8	4,500

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 4/4/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

April 11, 2018

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for March 2018. There were no violations during the reporting period.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
March 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for March 2018.

Wastewater Plant

Average Daily Flow: 48,200 gallons. Peak Daily Flow: 66,800 gallons.

Sludge Hauled: 13,900 gallons

Aluminum Sulfate was delivered: 180 gallons

Sodium Bicarbonate was delivered: 49 bags

There were no violations during the monitoring period.

An air check valve on the #4 blower was broken. A new check valve was installed and a spare was ordered.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

May 11, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for April 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for April 2018. There were no violations during the reporting period.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

May 11, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for April 2018**

Dear Mr. Collins:

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Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

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 FAX: 610-876-2728

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 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, May 21, 2018 3:47 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 04/01/2018-04/30/2018  
**Report Due Date:** 05/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 98861  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.

3800-FM-BPNPSM0462 3/2012



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19137-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 04/01/2018  
DMR Effective To: 04/30/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2018	04	01	TO	2018	04	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY	
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE			UNITS
Dissolved Oxygen	Sample Measurement	...	...	...	6.3	...	...	mg/L	Grab	1/day
	Permit Measurement	...	...	...	5.0	Inst Min	...	...	Grab	1/day
pH	Sample Measurement	...	...	...	8.7	...	7.8	S.U.	Grab	1/day
	Permit Measurement	...	...	...	8.0	Inst Min	9.0	MAX	Grab	1/day
Total Suspended Solids	Sample Measurement	8	...	lb/day	...	15	...	mg/L	24-Hr Composite	1/week
	Permit Measurement	25	Avg Mo	...	...	30	Avg Mo	...	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	...	...	...	...	24.3	...	mg/L	24-Hr Composite	1/week
	Permit Measurement	...	...	...	...	Monitor & Report	...	...	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	.17	...	lb/day	...	5	...	mg/L	24-Hr Composite	1/week
	Permit Measurement	5.0	Avg Mo	...	...	6.0	Avg Mo	...	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.4	...	lb/day	...	9	...	mg/L	24-Hr Composite	1/week
	Permit Measurement	1.7	Avg Mo	...	...	2.0	Avg Mo	...	24-Hr Composite	1/week
Flow	Sample Measurement	24486	.065	MGD	...	...	...	...	Recorded	Continuous
	Permit Measurement	Monitor & Report	Monitor & Report	Daily Max	...	...	...	...	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	...	...	...	...	.03	.10	mg/L	Grab	1/day
	Permit Measurement	...	...	...	...	.05	.14	MAX	Grab	1/day
Fecal Coliform	Sample Measurement	...	...	...	...	3	9	CFU/100 ml	Grab	1/week
	Permit Measurement	...	...	...	...	200	1000	MAX	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	2	...	lb/day	...	8	...	mg/L	24-Hr Composite	1/week
	Permit Measurement	21	Avg Mo	...	...	25	Avg Mo	...	24-Hr Composite	1/week
Facility Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Ltr April 2018.doc	Cover Letter	2018-05-21T11:46:06-04:00	
Springhill Farm Supp S Form April 2018.xls	Daily Effluent Monitoring Form	2018-05-11T11:16:58-04:00	
Springhill DMR lab record April 2018.doc	Laboratory Accreditation Form	2018-05-11T11:18:27-04:00	
Springhill Farm Influent and Process Control Form April 2018.xls	Influent and Process Control Form	2018-05-11T11:18:50-04:00	
Springhill Farm Solids Disposal Form April 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-05-11T11:17:47-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of N/C	Corrective Action	Comments

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	T0403	6108765523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	Michael DiSantis	TELEPHONE		DATE		
			AREA CODE	NUMBER	2018	5	21
DISANTISM		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

April-18

Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342

NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Influent		Effluent																			
Date	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Rainfall Inches	
1															7.2	0.10	0.06	7.5	0.05700	0.1	
2															7.3	0.00	0.00	8.1	0.03450	0.2	
3															7.1	0.00	0.00	8.0	0.03640	0.1	
4			3	1	12	5	0.2	0.09	0.6	0.2	9	20.1			6.8	0.04	0.04	9.1	0.04690	0.0	
5															7.2	0.05	0.05	10.1	0.03980	0.1	
6															7.5	0.00	0.00	8.9	0.04090	0.0	
7															6.8	0.00	0.00	9.7	0.04590	0.0	
8															7.1	0.02	0.02	7.8	0.04190	0.0	
9															7.3	0.03	0.03	7.9	0.04180	0.0	
10															7.1	0.06	0.06	8.5	0.03850	0.0	
11															7.0	0.01	0.01	9.3	0.04630	0.0	
12	510	69	5	2	10	3	1.1	0.38	0.9	0.3	1	28.7	0.02	517	7.2	0.04	0.04	8.5	0.04130	0.0	
13															7.8	0.01	0.01	7.8	0.03690	0.0	
14															7.3	0.07	0.07	7.5	0.04680	0.0	
15															7.4	0.07	0.03	6.8	0.06460	2.3	
16															7.1	0.01	0.01	6.5	0.06500	0.3	
17															7.2	0.07	0.05	7.6	0.04200	0.0	
18															7.4	0.01	0.01	8.0	0.04830	0.0	
19			12	5	34	14	0.2	0.09	1.1	0.5	5	23.6			7.6	0.04	0.04	7.8	0.04920	0.0	
20															7.0	0.00	0.00	8.1	0.03760	0.0	
21															7.1	0.01	0.01	7.8	0.04570	0.0	
22															7.3	0.06	0.06	7.3	0.04370	0.0	
23															7.2	0.05	0.05	7.4	0.04490	0.0	
24															7.1	0.03	0.03	6.9	0.03980	0.0	
25															6.8	0.01	0.01	7.2	0.05340	0.8	
26			3	1	2	1	0.3	0.10	1.2	0.4	2	24.6			6.7	0.03	0.03	6.5	0.04440	0.0	
27															7.0	0.04	0.04	6.9	0.05210	0.4	
28															7.0	0.01	0.01	6.9	0.04180	0.0	
29															7.3	0.00	0.00	6.3	0.03760	0.6	
30															7.3	0.04	0.04	7.1	0.04080	0.0	
31																					
Min															6.7			6.3			
Max											9				7.8	0.10			0.06500		
Avg:			6	2	15	6	0.5	0.17	0.9	0.4	3	24.3	0.02	517.0			0.03		0.04486		

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: Springhill Farm Wastewater Treatment Facility Association

Address: Springhill Drive

Glen Mills, PA 19342

PERMIT NUMBER	MONITORING PERIOD Year/Month/Day						
PA0052230	18	4	01	TO	18	4	30

PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>
cBOD5	S5210B-11	ALS Environmental	22-293
TSS	S2540D-11	ALS Environmental	22-293
Fecal Coliform	S9222D-97	ALS Environmental	22-293
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293
TDS	S2540C-11	ALS Environmental	22-293
Total Phosphorous	EPA 365.1	ALS Environmental	22-293
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671
TRC & pH	Meter	DELCORA- Operations Meter	23-00671
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671
Total Copper	EPA 200.7	ALS Environmental	22-293
Total Nitrogen	Calculation	ALS Environmental	22-293
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293

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 possibly of fine and imprisonment for knowing violations.

Name/Title Principal Executive Officer      Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&      Date: 5/2/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: April      Year: 2018  
 Municipality: Chadds Ford Township      County: Delaware      NPDES Permit No.: PA0052230  
 Watershed: 3-G      This permit will expire on: December 31, 2020  
 Renewal application due 180 days prior to expiration.

Day	Influent					Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.057						3.1	0.0	
2	0.0345					2,440.0	3.9	750.0	
3	0.0364						5.4	1,275.0	
4	0.0469					2,630.0	4.6	1,650.0	
5	0.0398						6.4	1,700.0	
6	0.0409						4.7	3,375.0	
7	0.0459					2,080.0	3.8	3,750.0	
8	0.0419						2.8	3,750.0	
9	0.0418					1,770.0	3.8	3,375.0	
10	0.0385						5.3	4,500.0	
11	0.0463					1,880.0	5.0	4,500.0	
12	0.0413	510.0	176	69.0	24		4.3	4,500.0	
13	0.0369						2.9	4,500.0	
14	0.0468					2,130.0	2.15	4,500.0	
15	0.0646						2.9	3,000.0	
16	0.065					1,570.0	1.4	2,250.0	
17	0.042						4.9	2,250.0	
18	0.0483					1,530.0	6.0	3,375.0	
19	0.0492						4.0	3,000.0	
20	0.0376						3.9	3,375.0	
21	0.0457					1,550.0	4.1	3,000.0	
22	0.0437						3.8	1,125.0	
23	0.0449					1,660.0	2.5	1,125.0	
24	0.0398						2.7	1,500.0	
25	0.0534					1,670.0	3.1	1,125.0	
26	0.0444						2.0	1,500.0	
27	0.0521						3.4	1,500.0	
28	0.0418					1,570.0	2.4	1,500.0	
29	0.0376						1.9	1,500.0	
30	0.0408					1,950.0	2.9	1,500.0	
31									
Avg	0.045	510	176	69	24	1,879	4	2,492	
Max	0.065	510	176	69	24	2,630	6	4,500	

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 5/2/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

May 11, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 2Q 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the second quarter of 2018.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, May 21, 2018 3:48 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 04/01/2018-06/30/2018  
**Report Due Date:** 07/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 98863  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.

3800-FM-BPNPSM0462 3/2012



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Quarterly  
DMR Effective From: 04/01/2018  
DMR Effective To: 06/30/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2018	04	01	TO	2018	06	30

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Copper, Total	Sample Measurement	***	***	***	***	02	***	mg/L	24-H Composite	1/quarter
	Permit Measurement	***	***	***	***	Monitor & Report Daily Max	***		24-H Composite	1/quarter
Total Dissolved Solids	Sample Measurement	***	***	***	***	517	***	mg/L	24-H Composite	1/quarter
	Permit Measurement	***	***	***	***	Monitor & Report Daily Max	***		24-H Composite	1/quarter
Facility Comments										

3800-FM-BPNPSM0462 3/2012



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cov Lett. 2Q 2018.doc	Cover Letter	2018-05-11T11:26:50-04:00	
Springhill Fams Supp S form April 2018.xls	Daily Effluent Monitoring Form	2018-05-11T11:27:40-04:00	
Springhill DMR lab record April 2018.doc	Laboratory Accreditation Form	2018-05-11T11:28:22-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	T0403	8108765623

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	SUBMITTED BY FULL NAME	TELEPHONE		DATE		
			AREA CODE	NUMBER	YEAR	MO	DAY
DISANTISM		Michael DiSantis			2018	5	21



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

May 11, 2018

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Enclosed please find the monthly operating reports for the Springhill Farm Wastewater Treatment Plant for April 2018. There were no violations during the reporting period.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
April 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for April 2018.

Wastewater Plant

Average Daily Flow: 44,860 gallons. Peak Daily Flow: 65,000 gallons.

Sludge Hauled: 18,400 gallons

Aluminum Sulfate was delivered: 265 gallons

Sodium Hypochlorite was delivered: 119 gallons

There were no violations during the monitoring period.

There was a routine inspection of the treatment facility and final outfall. A small amount of solids buildup and some minor foaming were noticed at the receiving stream. To remove the solids McGovern Hauling was used to collect wash water as the DELCORA sewer maintenance crew washed down the galvanized pipe that carries the discharge water to the stream. A deep pool located adjacent to the pipe was also thoroughly cleaned. We have not yet received a copy of the inspection report at this time.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

June 7, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for May 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for May 2018. There was one violation for an instantaneous maximum TRC during the reporting period. We believe this violation was due to Operator error. The Operator was retrained on the proper TRC testing methods.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:smf/mc  
Enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Cummings, Meghan**

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Friday, June 15, 2018 9:59 AM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 05/01/2018-05/31/2018  
**Report Due Date:** 06/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 101586  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 05/01/2018  
DMR Effective To: 05/31/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2018	05	01	2018	05	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen	Sample Measurement	***	8.0	mg/L	Grab	1/day
	Permit Measurement	***	5.0 het Min	***	Grab	1/day
pH	Sample Measurement	***	6.4	S.U.	Grab	1/day
	Permit Measurement	***	6.0 het Min	9.0 MAX	Grab	1/day
Total Suspended Solids	Sample Measurement	3	***	7	24-Hr Composite	1/week
	Permit Measurement	25 Avg Mo	***	30 Avg Mo	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	***	21.0 Avg Mo	24-Hr Composite	1/week
	Permit Measurement	***	***	Monthly Report Avg Mo	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	3	***	2.0 Avg Mo	24-Hr Composite	1/week
	Permit Measurement	1.7 Avg Mo	***	2.0 Avg Mo	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	2	***	5	24-Hr Composite	1/week
	Permit Measurement	8 Avg Mo	***	1.0 Avg Mo	24-Hr Composite	1/week
Flow	Sample Measurement	04769	MGD	***	Recorded	Continuous
	Permit Measurement	Monthly Report Daily Max	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	0.3	Grab	1/day
	Permit Measurement	***	***	0.6 Avg Mo	Grab	1/day
Fecal Coliform	Sample Measurement	***	***	16	Grab	1/week
	Permit Measurement	***	***	200 Avg Mo	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	3	***	6	24-Hr Composite	1/week
	Permit Measurement	21 Avg Mo	***	25 Avg Mo	24-Hr Composite	1/week
Facility Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill DEP Cover Lt May 2018.doc	Cover Letter	2018-05-12T11:45:35-04:00	
Springhill DMR lab record May 2018.doc	Laboratory Accreditation Form	2018-05-15T09:58:22-04:00	
Springhill Farm Sept S Form May 2018.xls	Daily Effluent Monitoring Form	2018-05-12T11:46:15-04:00	
Springhill Farm Solids Disposal Form May 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-05-12T11:46:04-04:00	
Springhill Farm Influent and Process Control Form May 2018.xls	Influent and Process Control Form	2018-05-12T11:47:04-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
58200	05/01/2018	05/31/2018	Total Residual Chlorine (TRC)	Instantaneous Maximum	.38	.14		Final Effluent (001)	Operator error	Operator training	

UNAUTHORISED DISCHARGES

Non-Compliance ID	Event Begin Date	Event End Date	Time Observed	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEF Notified	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non-Compliance Type	Comments

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disantis	T9-63	6108765523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE		DATE
	AREA CODE	NUMBER	
DISANTISM	Michael Disantis	2018	15
	SUBMITTED BY FULL NAME	AREA CODE NUMBER	YEAR MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

May-18

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Month:

Date	Influent													Effluent													Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD								
1																			0.03830	0.0							
2																			0.05410	0.0							
3			4	1	6	2	0.6	0.22	0.3	0.1	14	22.2						7.5	0.04160	0.0							
4																		7.1	0.03420	0.0							
5																		6.8	0.03420	0.0							
6																		6.8	0.06230	0.0							
7																		6.3	0.02140	0.0							
8																		6.8	0.05750	0.0							
9																		7.0	0.03580	0.0							
10	426	164	2	1	9	3	2.1	0.73	0.7	0.2	10	19.0					6.2	0.04220	0.3								
11																		6.2	0.03740	0.9							
12																		8.5	0.07680	0.8							
13																		6.0	0.05670	0.6							
14																		6.4	0.04770	0.0							
15																		6.8	0.04430	0.5							
16																		7.2	0.04720	1.5							
17			5	3	9	5	0.1	0.05	0.6	0.3	270	16.7					7.7	0.06590	0.3								
18																		7.2	0.05160	0.8							
19																		7.0	0.07210	0.3							
20																		8.8	0.05500	0.1							
21																		6.1	0.04340	0.0							
22																		7.0	0.03960	0.5							
23																		7.5	0.05450	0.0							
24			2	1	10	4	0.4	0.16	0.8	0.3	8	22.5					7.6	0.04590	0.0								
25																		6.5	0.05230	0.0							
26																		6.9	0.04680	0.0							
27																		6.1	0.04310	0.2							
28																		6.1	0.05200	0.0							
29																		6.9	0.03150	0.0							
30																		6.4	0.04810	0.2							
31			19	7	2	1	0.8	0.32	0.6	0.2	3	24.8					6.7	0.04500	0.0								
Min																		6.0									
Max			6	3	7	3	0.8	0.30	0.6	0.2	16	21.0	#DIV/0!	#DIV/0!	8.0	0.38			0.07660								
Avg:																				0.04769							

Telephone 610-876-5523

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean



## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0052230				18	5	01	TO 18 5 31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>				
cBOD5	S5210B-11	ALS Environmental	22-293				
TSS	S2540D-11	ALS Environmental	22-293				
Fecal Coliform	S9222D-97	ALS Environmental	22-293				
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293				
TDS	S2540C-11	ALS Environmental	22-293				
Total Phosphorous	EPA 365.1	ALS Environmental	22-293				
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671				
TRC & pH	Meter	DELCORA- Operations Meter	23-00671				
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671				
Total Copper	EPA 200.7	ALS Environmental	22-293				
Total Nitrogen	Calculation	ALS Environmental	22-293				
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293				

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&M

Date: 6/7/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP County: Delaware Month: May Year: 2018  
 Municipality: Chadds Ford Township NPDES Permit No.: PA0052230  
 Watershed: 3-G Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0383						4.5	750.0
2	0.0541					1,980.0	3.4	750.0
3	0.0416						3.2	750.0
4	0.0342					1,890.0	2.8	750.0
5	0.0342						2.5	750.0
6	0.0623					2,230.0	1.6	1,500.0
7	0.0214					2,440.0	2.3	1,500.0
8	0.0575						2.8	2,625.0
9	0.0358						2.8	3,000.0
10	0.0422	426.0	150	164.0	58		4.7	2,625.0
11	0.0374					1,250.0	2.9	1,125.0
12	0.0768						4.6	1,125.0
13	0.0567						1.2	375.0
14	0.0477					1,720.0	1.7	525.0
15	0.0443						3.9	675.0
16	0.0482					2,680.0	2.1	1,500.0
17	0.0659						3.0	1,500.0
18	0.0516						2.4	1,500.0
19	0.0721					2,290.0	2.4	3,000.0
20	0.055						2.6	3,375.0
21	0.0434					2,350.0	2.5	3,375.0
22	0.0396						5.2	4,500.0
23	0.0545					1,840.0	3.8	4,500.0
24	0.0459						3.9	2,250.0
25	0.0523						1.64	3,000.0
26	0.0468					1,970.0	3.0	2,250.0
27	0.0431						4.7	1,875.0
28	0.052					2,320.0	3.7	1,875.0
29	0.0315						3.6	1,875.0
30	0.0481					2,400.0	5.6	1,875.0
31	0.045						4.1	3,375.0
Avg	0.048	426	150	164	58	2,105	3	1,950
Max	0.077	426	150	164	58	2,680	6	4,500

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 6/7/2018



**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
May 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for May 2018.

Wastewater Plant

Average Daily Flow: 47,690 gallons. Peak Daily Flow: 76,800 gallons.

Sludge Hauled: 27,600 gallons

Aluminum Sulfate was delivered: 220 gallons

Sodium Hypochlorite was delivered: 185 gallons

There was one violation for an instantaneous maximum TRC during the reporting period. We believe this violation was due to Operator error. The Operator was retrained on the proper TRC testing methods.

An air diffuser in the equalization tank was repaired due to a significant leak.

The comminutor cutting blades were repaired. A large piece of debris bent the stationary side of the unit.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

July 12, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for June 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for June 2018. There was one violation for an instantaneous fecal coliform exceedance. The high fecal was caused by a failing chemical feed pump. The pump was repaired and normal operation resumed.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:smf/mc  
Enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-4460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Friday, July 13, 2018 11:50 AM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 06/01/2018-06/30/2018  
**Report Due Date:** 07/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 105223  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 06/01/2018  
DMR Effective To: 06/30/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge?

MONITORING PERIOD			
YEAR	MO	DAY	TO
2018	06	01	30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen	Sample Measurement	***	8.0	mg/L	Grab	1/day
	Permit Measurement	***	5.0 Inst Min	***	Grab	1/day
pH	Sample Measurement	***	6.7	S.U.	Grab	1/day
	Permit Measurement	***	6.0 Inst Min	9.0 IM/AX	Grab	1/day
Total Suspended Solids	Sample Measurement	3	7	mg/L	24-Hr Composite	1/week
	Permit Measurement	25 Avg Mo	30 Avg Mo	***	24-Hr Composite	1/week
Total Nitrogen	Sample Measurement	***	21.2	mg/L	24-Hr Composite	1/week
	Permit Measurement	***	Monitor & Report Avg Mo	***	24-Hr Composite	1/week
Ammonia-Nitrogen	Sample Measurement	.11	.3	mg/L	24-Hr Composite	1/week
	Permit Measurement	1.7 Avg Mo	2.0 Avg Mo	***	24-Hr Composite	1/week
Total Phosphorus	Sample Measurement	.3	.6	mg/L	24-Hr Composite	1/week
	Permit Measurement	.8 Avg Mo	1.0 Avg Mo	***	24-Hr Composite	1/week
Flow	Sample Measurement	.06390	***	***	Recorded	Continuous
	Permit Measurement	Monitor & Report Daily Max	***	***	Recorded	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	.02	mg/L	Grab	1/day
	Permit Measurement	***	.05 Avg Mo	***	Grab	1/day
Fecal Coliform	Sample Measurement	***	22	CFU/100 ml	24-Hr Composite	1/month
	Permit Measurement	***	1000 IM/AX	***	Grab	1/week
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	2	5	mg/L	24-Hr Composite	1/week
	Permit Measurement	21 Avg Mo	25 Avg Mo	***	24-Hr Composite	1/week
Facility Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Springhill Farm Solids Disposal Form June 2016.xls	Sewage Sludge / Biosolids Production and Disposal Form	2016-07-12T10:03:57-04:00	
Springhill Farm Influent and Process Control Form June 2016.xls	Influent and Process Control Form	2016-07-12T10:03:06-04:00	
Springhill DMR Lab tested June 2016.doc	Laboratory Accreditation Form	2016-07-12T10:04:42-04:00	
Springhill Farm Sops S form June 2016.xls	Daily Effluent Monitoring Form	2016-07-12T11:47:26-04:00	
Springhill DEP Cover Lt June 2016.doc	Cover Letter	2016-07-13T11:48:57-04:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
59842	06/07/2016	06/30/2016	Fecal Coliform	Instantaneous Maximum	5000	1000		Final Effluent (001)	Equipment malfunction/failure	Installed new equipment	Exceedance caused by failing sodium hypochlorite pump. Pump was replaced.

UNAUTHORISED DISCHARGES

Non Compliance ID	Event Begin Date	Event End Date	Time Discovered	Substance Discharged	Event Location	Volume	Duration	Receiving Waters	Impact On Water	Cause Of Discharge	DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Limit Type	Permitted Value	Load Units	Sampling Point ID	Cause Of NC	Corrective Action	Comments
59843	Final Effluent (001)	Fecal Coliform	Instantaneous Maximum	1000		Final Effluent (001)	Equipment malfunction/failure	Installed new equipment	

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSarno	T0403	6108795523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).			TELEPHONE		DATE	
	DISANTISM	Michael DiSantis	AREA CODE	NUMBER	YEAR	MO	DAY
				2018	7		13

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: June-18

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342

NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent													Effluent													Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD									
1														6.7	0.03	0.03	8.1	0.04990	0.2								
2														7.2	0.02	0.02	8.2	0.04320	1.4								
3														7.0	0.01	0.01	6.1	0.06100	0.6								
4														7.0	0.01	0.01	6.0	0.06570	0.0								
5														7.1	0.04	0.04	6.3	0.04220	1.0								
6														6.9	0.04	0.04	6.8	0.04830	0.0								
7			9	10	4	0.3	0.10	0.3	0.1	5000	19.8			7.1	0.02	0.02	6.1	0.04630	0.0								
8														6.9	0.03	0.03	6.2	0.05010	0.0								
9														7.4	0.01	0.01	10.0	0.04760	0.0								
10														7.2	0.00	0.00	6.4	0.04980	1.5								
11														7.0	0.00	0.00	9.7	0.06330	0.0								
12														7.5	0.01	0.01	7.7	0.03990	0.0								
13														7.3	0.02	0.02	6.9	0.05110	0.0								
14	429	164	8	7	2	0.1	0.03	0.7	0.2	13	20.0			7.5	0.01	0.01	7.1	0.04000	0.0								
15														7.2	0.03	0.03	7.3	0.03300	0.0								
16														7.6	0.03	0.03	7.9	0.04290	0.0								
17														7.0	0.02	0.02	6.6	0.05650	0.0								
18														7.4	0.02	0.02	6.1	0.04110	0.0								
19										1				7.3	0.03	0.03	6.2	0.04020	0.0								
20										1				7.3	0.05	0.05	6.1	0.04090	0.0								
21			2	5	2	0.6	0.22	0.9	0.3	58	24.6			7.2	0.03	0.03	6.4	0.04490	0.0								
22										9				7.3	0.04	0.04	6.1	0.04670	0.1								
23														7.4	0.05	0.05	6.8	0.03680	0.0								
24														7.2	0.04	0.04	6.4	0.04470	0.0								
25										16				7.3	0.05	0.05	6.3	0.03510	0.0								
26										18				7.6	0.00	0.00	6.9	0.04120	0.0								
27										43				6.9	0.03	0.03	7.0	0.02799	0.4								
28			3	7	5	0.1	0.08	0.5	0.4	1	20.3			7.0	0.01	0.01	6.1	0.08390	0.0								
29										1280				7.1	0.00	0.00	6.8	0.03430	0.0								
30														7.4	0.02	0.02	7.2	0.04340	0.0								
31																											
Min														6.7			6.0										
Max										5000				7.6	0.05			0.08390									
Avg:			5	7	3	0.3	0.11	0.6	0.3	22	21.2	#DIV/0!	#DIV/0!			0.02		0.04640									

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				18	6	01	TO	18	6	30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 7/9/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: June      Year: 2018  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G      NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0499						4.5	3,375.0		
2	0.0433					1,650.0	3.8	2,250.0		
3	0.061						2.7	2,625.0		
4	0.0657					2,260.0	3.3	1,500.0		
5	0.0422						4.7	1,500.0		
6	0.0483					1,860.0	5.3	1,500.0		
7	0.0463						4.8	1,500.0		
8	0.0501					1,960.0	6.1	1,500.0		
9	0.047						3.9	1,500.0		
10	0.0498						2.5	750.0		
11	0.0633					2,360.0	3.4	1,500.0		
12	0.0399						2.3	1,500.0		
13	0.0511					2,030.0	4.3	1,500.0		
14	0.04	429.0	143	164.0	55		5.2	1,875.0		
15	0.033						3.0	1,875.0		
16	0.0429					2,070.0	3.3	0.0		
17	0.0565						3.6	2,025.0		
18	0.0411					2,260.0	2.8	1,875.0		
19	0.0402						3.2	1,500.0		
20	0.0409					2,290.0	4.5	2,250.0		
21	0.0449						4.3	1,500.0		
22	0.0467						4.6	1,500.0		
23	0.0368					1,760.0	4.1	1,500.0		
24	0.0447						4.6	1,125.0		
25	0.035					2,580.0	4.4	750.0		
26	0.0412						5.3	1,875.0		
27	0.0279						1.9	750.0		
28	0.0839					2,360.0	6.4	0.0		
29	0.0343						2.94	1,140.0		
30	0.0434					2,491.0	3.95	4,125.0		
31										
Avg	0.046	429	143	164	55	2,149	4	1,606		
Max	0.084	429	143	164	55	2,580	6	4,125		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 7/9/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

July 12, 2018

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for June 2018. There was one violation for an instantaneous fecal coliform exceedance during the reporting period. The high fecal was caused by a failing chemical feed pump. The pump was repaired and is working properly.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:smf  
Enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-5526

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-5526

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
June 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for June 2018.

Wastewater Plant

Average Daily Flow: 46,400 gallons. Peak Daily Flow: 83,900 gallons.

Sludge Hauled: 28,250 gallons

Aluminum Sulfate was delivered: 180 gallons

Sodium Hypochlorite was delivered: 395 gallons

The blower room door knob was broken. The door knob was repaired.

The sludge holding tank decant pump was blocked and not pumping. The pump was removed from service, dismantled and the blockage removed. The pump was put back in service.

The #1 clarifier sludge return line blocked several times. It was necessary to take the entire #1 aeration train out of service and pump down the clarifier to remove the debris causing the blockage.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 20, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for July 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for July 2018. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, August 20, 2018 12:36 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 07/01/2018-07/31/2018  
**Report Due Date:** 08/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 110199  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NAME: SPRING HILL FARM WWTP ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052290  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 07/01/2018  
DMR Effective To: 07/31/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2018	07	01	2018	07	31

FROM

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen (00300)	Sample Measurement	***	***	5.2	***	***	1/day	Grab
	Permit Requirement	***	***	5.0 Inst Min	***	***	1/day	Grab
pH (00400)	Sample Measurement	***	***	6.9	***	7.7 S.U.	1/day	Grab
	Permit Requirement	***	***	8.0 Inst Min	***	8.0 MAX	1/day	Grab
Total Suspended Solids (00300)	Sample Measurement	2	lb/day	***	5	***	1/week	24-Hr Composite
	Permit Requirement	25 Avg Mo	***	30 Avg Mo	***	***	1/week	24-Hr Composite
Total Nitrogen (00500)	Sample Measurement	***	***	***	15.8	***	1/week	24-Hr Composite
	Permit Requirement	***	***	***	Monitor & Report Avg Mo	***	1/week	24-Hr Composite
Ammonia-Nitrogen (00610)	Sample Measurement	.2	lb/day	***	.5	***	1/week	24-Hr Composite
	Permit Requirement	1.7 Avg Mo	***	2.0 Avg Mo	***	***	1/week	24-Hr Composite
Total Phosphorus (00655)	Sample Measurement	.3	lb/day	***	.7	***	1/week	24-Hr Composite
	Permit Requirement	.8 Avg Mo	***	1.0 Avg Mo	***	***	1/week	24-Hr Composite
Flow (00050)	Sample Measurement	.04714	MGD	***	***	***	Continuous	Recorded
	Permit Requirement	Monitor & Report Daily Year	***	***	***	***	Continuous	Recorded
Total Residual Chlorine (TRC) (00060)	Sample Measurement	***	***	.04	***	.10	1/day	Grab
	Permit Requirement	***	***	.05 Avg Mo	***	.14 MAX	1/day	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	10	***	290	1/week	Grab
	Permit Requirement	***	***	200 Avg Mo	***	1000 MAX	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (00082)	Sample Measurement	1	lb/day	***	3	***	1/week	24-Hr Composite
	Permit Requirement	21 Avg Mo	***	25 Avg Mo	***	***	1/week	24-Hr Composite
Facility Comments								



DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: July-18

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															7.4	0.10	0.08	6.4	0.04120	0.0	
2															7.6	0.04	0.04	7.9	0.04200	0.0	
3															7.5	0.04	0.04	6.9	0.03380	1.6	
4															7.5	0.05	0.05	6.6	0.04990	0.0	
5			3	1	5	2	0.1	0.03	0.1	0.03	1	17.8			6.9	0.07	0.07	6.9	0.03630	0.1	
6															7.3	0.06	0.06	7.0	0.04090	0.0	
7															7.6	0.01	0.01	7.3	0.03510	0.0	
8															7.5	0.05	0.05	7.9	0.05150	0.0	
9															7.5	0.00	0.00	6.8	0.04650	0.0	
10															7.4	0.06	0.06	6.6	0.04500	0.0	
11															7.0	0.06	0.06	6.4	0.05070	0.0	
12	335	70	3	1	6	2	1.1	0.37	0.9	0.3	5	19.9	0.014	475	7.6	0.03	0.03	7.7	0.04240	0.0	
13															7.7	0.00	0.00	7.5	0.04390	0.0	
14															7.4	0.04	0.04	7.2	0.04250	0.0	
15															7.3	0.09	0.09	6.6	0.04320	0.4	
16															7.4	0.02	0.02	7.6	0.04150	0.0	
17															7.2	0.10	0.06	6.9	0.04940	0.4	
18															7.3	0.04	0.04	7.1	0.03540	0.0	
19			3	1	5	2	0.7	0.24	1.2	0.4	290	17.4		7.6	0.05	0.05	5.2	0.04240	0.0		
20															7.2	0.06	0.06	5.5	0.04810	0.0	
21															7.4	0.08	0.05	6.2	0.04280	2.5	
22															7.4	0.05	0.05	7.3	0.07180	0.2	
23															7.4	0.03	0.03	7.0	0.04630	1.5	
24															7.4	0.07	0.03	6.3	0.05550	0.8	
25															7.2	0.08	0.03	7.2	0.06720	1.0	
26			2	1	5	2	0.3	0.17	0.7	0.3	8	7.9		7.4	0.04	0.04	7.0	0.05820	0.0		
27															7.5	0.02	0.02	7.5	0.05580	0.1	
28															7.4	0.01	0.01	7.1	0.05330	0.0	
29															7.3	0.04	0.04	6.3	0.04840	0.0	
30															7.3	0.08	0.08	6.4	0.05230	0.0	
31															7.4	0.08	0.06	6.2	0.04810	0.3	
Min															6.9			5.2			
Max			3	1	5	2	0.5	0.20	0.7	0.3	10	15.8	0.01	475.0	7.7	0.10		0.07180			
AVG:																	0.04		0.04714		

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Telephone 610-876-5523

Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0052230				18	7	01	TO	18	7	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 8/6/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP County: Delaware Month: July Year: 2018  
 Municipality: Chadds Ford Township NPDES Permit No.: PA0052230  
 Watershed: 3-G Renewal application due 180 days prior to expiration. This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0412						5.0	3,000.0
2	0.042					2,520.0	4.7	2,250.0
3	0.0338						2.7	2,250.0
4	0.0499					2,030.0	3.6	2,250.0
5	0.0363						4.3	2,250.0
6	0.0409						4.2	2,250.0
7	0.0351					1,870.0	3.4	2,250.0
8	0.0515						4.3	1,125.0
9	0.0465					1,780.0	3.6	750.0
10	0.045						4.2	750.0
11	0.0507					1,760.0	4.3	750.0
12	0.0424	335.0	118	70.0	25		3.6	600.0
13	0.0439						3.6	600.0
14	0.0425						4.1	750.0
15	0.0432						3.0	1,350.0
16	0.0415					2,870.0	3.7	1,125.0
17	0.0494						3.0	2,250.0
18	0.0354					2,110.0	3.3	4,500.0
19	0.0424						3.45	3,375.0
20	0.0481						3.57	3,375.0
21	0.0428					2,820.0	3.75	3,375.0
22	0.0718						4.0	3,000.0
23	0.0463					4,320.0	1.8	3,000.0
24	0.0555						2.6	3,000.0
25	0.0672					2,690.0	3.0	6,000.0
26	0.0582						2.7	6,000.0
27	0.0558						4.0	3,000.0
28	0.0533					2,580.0	3.7	6,000.0
29	0.0484						3.4	3,375.0
30	0.0523					2,050.0	2.8	3,375.0
31	0.0481						3.5	2,250.0
Avg	0.047	335	118	70	25	2,424	4	2,586
Max	0.072	335	118	70	25	4,320	5	6,000

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 8/6/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 20, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 3Q 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the third quarter of 2018.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, August 20, 2018 12:42 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 07/01/2018-09/30/2018  
**Report Due Date:** 10/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 110208  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 758, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2018	07	01	2018	09	30

FROM

Reporting Frequency: Quarterly  
DMR Effective From: 07/01/2018  
DMR Effective To: 09/30/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Copper, Total (01042)	Sample Measurement	***	01	***	mg/L	***	Quarter	24-Hr Composite
	Permit Requirement	***	Monitor & Report Daily Max	***	***	***	Quarter	24-Hr Composite
Total Dissolved Solids (70295)	Sample Measurement	***	475	***	mg/L	***	Quarter	24-Hr Composite
	Permit Requirement	***	Monitor & Report Daily Max	***	***	***	Quarter	24-Hr Composite
Facility Comments								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

**ATTACHMENT DETAILS**

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DMR lib issued July 2018.doc	Laboratory Accreditation Form	2018-06-20T12:40:25-04:00	
Springhill DEP Cov. Lett. 3Q 2018.doc	Cover Letter	2018-08-20T17:23:58-04:00	
Springhill Farm Supp S form July 2018.xls	Daily Effluent Monitoring Form	2018-08-20T17:24:46-04:00	

**PERMIT VIOLATIONS**

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

**UNAUTHORIZED DISCHARGES**

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

**OTHER PERMIT VIOLATIONS**

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Comments

**COMMENT DETAILS**

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	TD403	(610)-876-5523

**SUBMISSION INFORMATION**

SUBMITTED BY GREENPORT USER	TELEPHONE			DATE		
	AREA CODE	NUMBER	YEAR	MO	DAY	DAY
disanthism	(610)	876-5523	2018	8	20	

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 20, 2018

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for July 2018. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
Enclosure

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
July 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for July 2018.

Wastewater Plant

Average Daily Flow: 47,140 gallons. Peak Daily Flow: 71,800 gallons.

Sludge Hauled: 34,400 gallons

Sodium Hypochlorite was delivered: 245 gallons

There were no violations during the month.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

September 17, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for August 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for August 2018. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:bab  
enclosure

cc: R. Lohr, SFWTFA  
V .Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Bonnett, Barbara**

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, September 24, 2018 11:25 AM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your Revised eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 08/01/2018-08/31/2018  
**Report Due Date:** 09/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 114490  
**Submission Status:** Received  
**Submission Type:** Revision

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230 PERMIT NUMBER  
001 CUTFALL NUMBER

MONITORING PERIOD			
YEAR	MO	DAY	DAY
2018	08	01	31

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2018  
DMR Effective To: 08/31/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	5.0	mg/L	***	1/day	Grab
	Permit Requirement	5.0	Inst Min	***	1/day	Grab
pH (00400)	Sample Measurement	6.4	S.U.	7.9	1/day	Grab
	Permit Requirement	6.0	Inst Min	10.0	1/day	Grab
Total Suspended Solids (00500)	Sample Measurement	1	mg/L	2	1/week	24-Hr Composite
	Permit Requirement	25	Avg Mo	30	1/week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	19.5	mg/L	Member & Report Avg Mo	1/week	24-Hr Composite
	Permit Requirement	2	mg/L	5	1/week	24-Hr Composite
Ammonia-Nitrogen (00710)	Sample Measurement	1.7	mg/L	2.0	1/week	24-Hr Composite
	Permit Requirement	2	Avg Mo	1.0	1/week	24-Hr Composite
Total Phosphorus (00850)	Sample Measurement	.04774	mg/L	.05	Continuous	Recorded
	Permit Requirement	.8	Avg Mo	1.0	Continuous	Recorded
Flow (00050)	Sample Measurement	0.0850	MGD	***	1/day	Grab
	Permit Requirement	Member & Report Daily Max	***	***	1/day	Grab
Total Residual Chlorine (TRC) (00950)	Sample Measurement	.03	mg/L	.05	1/week	Grab
	Permit Requirement	.05	Avg Mo	1.4	1/week	Grab
Fecal Coliform (74055)	Sample Measurement	7	CFU/100 ml	20	1/week	Grab
	Permit Requirement	200	Avg Mo	1000	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (C30035) (00002)	Sample Measurement	1	mg/L	2	1/week	24-Hr Composite
	Permit Requirement	21	Avg Mo	25	1/week	24-Hr Composite
Facility Comments						

Revised TN



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cover Ltr August 2018.doc	Cover Letter	2018-08-17T11:28:35-04:00	
Springhill Farm Influent and Process Control Form August 2018.xls	Influent and Process Control Form	2018-08-17T11:30:34-04:00	
Springhill Farm Solids Disposal Form August 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-08-17T11:31:35-04:00	
Springhill DMR lab record August 2018.doc	Laboratory Accreditation Form	2018-08-17T11:32:58-04:00	
Springhill Farm Supp S form August 2018.xls	Daily Effluent Monitoring Form	2018-08-24T11:24:52-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disanto	10403	(610) 876-5523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE	DATE
disantism	(610) 876-5523	2018 9 24
	AREA CODE NUMBER	YEAR MONTH DAY
	SUBMITTED BY FULL NAME	
*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).		

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S) August-18  
 Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Influent		Effluent																			
Date	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Rainfall Inches	
1			2	1	2	1	0.5	0.18	0.7	0.26	1	18.8			7.0	0.06	0.06	8.0	0.04300	0.1	
2															7.4	0.01	0.01	9.6	0.04620	0.1	
3															7.3	0.05	0.05	6.2	0.05400	0.6	
4															7.3	0.05	0.05	6.2	0.04540	0.3	
5															7.5	0.03	0.03	6.2	0.06950	0.0	
6															7.4	0.00	0.00	6.1	0.05190	0.0	
7															7.4	0.00	0.00	6.3	0.04280	0.0	
8	349	196	2	1	1	0	0.5	0.20	0.5	0.21	9	9.1			7.6	0.03	0.03	6.0	0.04780	0.1	
9															7.8	0.06	0.02	7.2	0.05320	0.0	
10															7.5	0.04	0.04	7.0	0.04890	0.2	
11															7.9	0.00	0.00	7.4	0.04570	0.8	
12															7.4	0.05	0.05	7.5	0.04500	0.0	
13															7.5	0.03	0.03	6.9	0.05340	2.5	
14															7.3	0.03	0.03	6.7	0.04900	0.0	
15			2	1	6	2	0.5	0.20	0.4	0.1	11	20.7			6.7	0.05	0.05	6.8	0.04760	0.0	
16															7.3	0.05	0.05	6.2	0.04190	0.0	
17															7.2	0.06	0.06	6.2	0.04370	0.1	
18															7.2	0.05	0.05	6.4	0.04360	0.8	
19															7.4	0.04	0.04	6.5	0.04350	1.0	
20															7.5	0.00	0.00	6.7	0.06830	0.0	
21															7.4	0.00	0.00	6.0	0.04600	0.7	
22		208	2	1	1	0	0.5	0.20	0.4	0.1	29	21.2			7.3	0.06	0.04	7.1	0.04840	0.0	
23															7.6	0.03	0.03	6.8	0.04760	0.0	
24															7.0	0.04	0.04	6.8	0.04480	0.0	
25															7.5	0.06	0.04	6.6	0.04110	0.0	
26															7.2	0.02	0.02	6.8	0.04340	0.0	
27															7.4	0.05	0.05	6.6	0.04700	0.0	
28															7.3	0.06	0.06	6.7	0.04180	0.0	
29			2	1	2	1	0.5	0.21	0.4	0.1	8	27.7			6.4	0.01	0.01	6.1	0.05060	0.0	
30															7.0	0.05	0.05	6.6	0.03660	0.0	
31															7.3	0.01	0.01	6.2	0.04220	0.8	
Min															6.4			6.0			
Max			2	1	2	1	0.5	0.20	0.5	0.2	29	19.5	#DIV/0!	#DIV/0!	7.9	0.06			0.06950		
AVG:											7						0.03			0.04774	

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: Springhill Farm Wastewater Treatment Facility Association

Address: Springhill Drive  
Glen Mills, PA 19342

PERMIT NUMBER	MONITORING PERIOD Year/Month/Day						
PA0052230	18	8	01	TO	18	8	31

PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>
cBOD5	S5210B-11	ALS Environmental	22-293
TSS	S2540D-11	ALS Environmental	22-293
Fecal Coliform	S9222D-97	ALS Environmental	22-293
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293
TDS	S2540C-11	ALS Environmental	22-293
Total Phosphorous	EPA 365.1	ALS Environmental	22-293
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671
TRC & pH	Meter	DELCORA- Operations Meter	23-00671
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671
Total Copper	EPA 200.7	ALS Environmental	22-293
Total Nitrogen	Calculation	ALS Environmental	22-293
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293

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 possibly of fine and imprisonment for knowing violations.

Name/Title Principal Executive Officer      Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&M      Date: 9/6/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: August      Year: 2018  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      County: Delaware  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.043					3,050.0	4.8	5,250.0		
2	0.0462						7.4	4,500.0		
3	0.054						5.1	3,000.0		
4	0.0454					2,200.0	4.2	2,250.0		
5	0.0695						4.5	1,875.0		
6	0.0519					2,290.0	3.9	2,250.0		
7	0.0428						2.9	2,250.0		
8	0.0478	349.0	139	196.0	78	1,770.0	3.8	2,250.0		
9	0.0532						2.9	2,250.0		
10	0.0489						3.0	2,250.0		
11	0.0457					2,350.0	2.9	4,500.0		
12	0.045						4.8	2,707.0		
13	0.0534					2,360.0	2.8	2,250.0		
14	0.049						4.3	1,500.0		
15	0.0476					1,940.0	4.0	3,375.0		
16	0.0419						5.0	2,250.0		
17	0.0437						4.9	1,500.0		
18	0.0496					2,030.0	5.4	1,500.0		
19	0.0435						4.2	1,500.0		
20	0.0683						5.7	1,875.0		
21	0.046					2,270.0	3.7	1,500.0		
22	0.0484			208.0	84	2,150.0	3.9	1,125.0		
23	0.0476						3.3	1,875.0		
24	0.0448						3.9	1,875.0		
25	0.0411					2,040.0	3.9	1,875.0		
26	0.0434						4.4	1,800.0		
27	0.047					1,880.0	3.6	1,800.0		
28	0.0418						3.5	1,500.0		
29	0.0506					2,240.0	4.6	2,250.0		
30	0.0366						4.0	2,250.0		
31	0.0422						5.0	2,250.0		
Avg	0.048	349	139	202	81	2,188	4	2,296		
Max	0.07	349	139	208	84	3,050	7	5,250		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 9/6/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

September 17, 2018

Robert J. Lohr, II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for August 2018. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:bab  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
August 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for August 2018.

Wastewater Plant

Average Daily Flow: 47,740 gallons. Peak Daily Flow: 69,500 gallons.

Sludge Hauled: 27,600 gallons

Sodium Hypochlorite was delivered: 245 gallons

There were no violations during the month.

On August 1<sup>st</sup> PECO reversed the phasing to the treatment facility causing all the three phase equipment to stop or run backwards. It was necessary to rewire each piece of equipment for proper operation.

Sugar is being added as a food supplement when lower than average flows are experienced.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

October 15, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for September 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for September 2018. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:dds  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Saunders, Debbie**

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, October 18, 2018 8:26 AM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 09/01/2018-09/30/2018  
**Report Due Date:** 10/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 117916  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

MONITORING PERIOD			
YEAR	MO	DAY	TIME
2018	09	01	TO
2018	09	30	

Reporting Frequency: Monthly  
DMR Effective From: 09/01/2018  
DMR Effective To: 09/30/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	***	5.3	mg/L	1day	Grab
	Permit Requirement	***	5.0 Inst Min	***	1day	Grab
pH (00400)	Sample Measurement	***	6.0	S.U.	1day	Grab
	Permit Requirement	***	6.0 Inst Min	8.0 IMAX	1day	Grab
Total Suspended Solids (00500)	Sample Measurement	1	***	mg/L	1week	24-Hr Composite
	Permit Requirement	25 Avg Mo	30 Avg Mo	***	1week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	***	22.9	mg/L	1week	24-Hr Composite
	Permit Requirement	***	Monitor & Report Avg Mo	***	1week	24-Hr Composite
Ammonia-Nitrogen (00610)	Sample Measurement	17	***	mg/L	1week	24-Hr Composite
	Permit Requirement	1.7 Avg Mo	2.0 Avg Mo	***	1week	24-Hr Composite
Total Phosphorus (00685)	Sample Measurement	.2	***	mg/L	1week	24-Hr Composite
	Permit Requirement	.8 Avg Mo	1.0 Avg Mo	***	1week	24-Hr Composite
Flow (60080)	Sample Measurement	Monitor & Report Avg Mo	***	MGD	Continuous	Recorded
	Permit Requirement	Monitor & Report Daily Max	***	***	Continuous	Recorded
Total Residual Chlorine (TRC) (60080)	Sample Measurement	***	.04	mg/L	1day	Grab
	Permit Requirement	***	.06 Avg Mo	14 IMAX	1day	Grab
Fecal Coliform (74050)	Sample Measurement	***	8	CFU/100 ml	1week	Grab
	Permit Requirement	***	200 Avg Mo	1000 IMAX	1week	Grab
Carboxylic Biochemical Oxygen Demand (CBOD5) (80082)	Sample Measurement	1	***	mg/L	1week	24-Hr Composite
	Permit Requirement	24 Avg Mo	25 Avg Mo	***	1week	24-Hr Composite
Facility Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cover Ltr September 2018.doc	Cover Letter	2018-10-15T16:19:22-04:00	
Springhill Form Slip 5 term September 2018.xls	Daily Effluent Monitoring Form	2018-10-15T10:24:28-04:00	
Springhill DMR lab access September 2018.doc	Laboratory Accreditation Form	2018-10-15T10:28:30-04:00	
Springhill Form Inflow and Process Control Form September 2018.xls	Inflow and Process Control Form	2018-10-15T11:2:31 04-04:00	
Springhill Form Solids Disposal Form September 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-10-15T11:4 02:11-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Daily	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disantis	T0403	(610)-576-5523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE			DATE				
	(610)	876-5523	2018	10	18			
disantism	SUBMITTED BY FULL NAME		AREA CODE	NUMBER	YEAR	MO	DAY	
	Michael Disantis		(610)	876-5523	2018	10	18	
	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).		Michael Disantis		Operator Certification Number		Operator Contact Number	
			T0403		(610)-576-5523			

**DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)**  
 Month: **September-18**

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent													Effluent													Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD								
1															7.1	0.02	0.02	6.9	0.04550	0.0							
2															7.6	0.04	0.04	6.3	0.03440	0.3							
3															7.4	0.00	0.00	6.1	0.04270	0.0							
4															7.3	0.03	0.03	5.8	0.04190	0.0							
5			2	1	5	1	0.5	0.14	0.5	0.13	56	26.1			7.0	0.03	0.03	6.3	0.03320	0.0							
6															7.2	0.03	0.03	6.5	0.04030	0.0							
7															6.0	0.05	0.05	5.3	0.03840	1.5							
8															6.8	0.03	0.03	6.2	0.05500	0.8							
9															7.5	0.06	0.06	6.6	0.08970	1.8							
10															7.4	0.03	0.03	6.6	0.06850	0.3							
11															7.5	0.04	0.04	6.8	0.04810	0.1							
12			2	1	1	0	0.5	0.16	0.4	0.12	3	19.0			8.0	0.00	0.00	7.2	0.03890	0.0							
13															7.1	0.01	0.01	7.3	0.04090	0.0							
14															7.5	0.08	0.08	6.9	0.04440	0.0							
15															7.3	0.02	0.02	6.5	0.04580	0.0							
16															7.4	0.08	0.08	7.1	0.03860	0.0							
17															7.4	0.05	0.05	7.2	0.05450	0.3							
18															7.3	0.03	0.03	7.0	0.03880	0.6							
19	438	189	2	1	2	1	0.5	0.19	0.5	0.20	6	23.3			7.8	0.01	0.01	6.9	0.04620	0.0							
20															7.5	0.04	0.04	6.7	0.04380	0.0							
21															7.5	0.07	0.04	7.0	0.03900	0.0							
22															7.3	0.03	0.03	6.9	0.04680	0.0							
23															7.2	0.05	0.05	6.5	0.04410	0.8							
24															7.7	0.06	0.06	6.8	0.05750	0.3							
25															7.5	0.04	0.04	7.0	0.03950	0.1							
26			2	1	1	0	0.5	0.19	0.4	0.16	5	23.0			6.8	0.04	0.04	6.8	0.04580	0.0							
27															7.3	0.04	0.04	6.4	0.04430	0.5							
28															6.8	0.05	0.05	6.5	0.04930	0.0							
29															7.4	0.04	0.04	6.5	0.04890	0.0							
30															7.7	0.04	0.04	6.8	0.05500	0.0							
31																											
Min															6.0			5.3									
Max			2	1	2	1	0.5	0.17	0.4	0.2	56	22.9	#DIV/0!	#DIV/0!	8.0	0.08	0.04		0.08970								
Avg:						1	0.5	0.17	0.4	0.2	8	22.9	#DIV/0!	#DIV/0!	8.0	0.08	0.04		0.04666								

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0052230				18	9	01	TO	18	9	30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

Name/Title Principal Executive Officer      Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&M      Date: 10/9/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      County: Delaware      Month: September      Year: 2018  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0455					2,110.0	4.4	2,250.0
2	0.0344						4.8	2,625.0
3	0.0427					2,100.0	5.3	375.0
4	0.0419						3.9	1,500.0
5	0.0332			5.0	1	1,830.0	3.9	1,500.0
6	0.0403						3.7	1,500.0
7	0.0384						1.1	0.0
8	0.055					2,450.0	4.5	2,625.0
9	0.0897						4.6	1,350.0
10	0.0685					2,370.0	3.8	1,350.0
11	0.0481						4.4	1,875.0
12	0.0389					2,010.0	4.9	1,875.0
13	0.0409						5.2	3,375.0
14	0.0444						4.7	3,375.0
15	0.0458					2,149.0	3.4	3,375.0
16	0.0386						3.3	2,625.0
17	0.0545					1,340.0	4.3	2,250.0
18	0.0388						4.1	600.0
19	0.0462	438.0	169	189.0	73	2,070.0	3.7	600.0
20	0.0438						4.4	600.0
21	0.039						4.4	600.0
22	0.0468					2,030.0	3.8	600.0
23	0.0441						2.9	600.0
24	0.0575					2,400.0	3.5	600.0
25	0.0395						3.9	1,800.0
26	0.0458					1,750.0	4.5	2,250.0
27	0.0443						5.6	750.0
28	0.0493						4.8	750.0
29	0.0489					2,460.0	5.3	750.0
30	0.055						5.0	1,875.0
31								
Avg	0.047	438	169	97	37	2,082	4	1,540
Max	0.09	438	169	189	73	2,460	6	3,375

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 10/9/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

October 17, 2018

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for September 2018. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:dds  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
September 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for September 2018.

Wastewater Plant

Average Daily Flow: 46,660 gallons. Peak Daily Flow: 89,700 gallons.

Sludge Hauled: 21,800 gallons

Sodium Hypochlorite was delivered: 125 gallons

Sodium Thiosulfate was delivered: 40 bags

Aluminum Sulfate was delivered: 395 gallons

There were no violations during the month.

On September 7<sup>th</sup>, PECO reversed the phasing to the treatment facility causing all the three phase equipment to stop or run backwards. It was necessary to rewire each piece of equipment for proper operation.

The #2 return activated sludge line blocked. The DELCORA maintenance crew was dispatched to clear the line.

Sugar is being added as a food supplement when lower than average flows are experienced.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

November 15, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for October 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for October 2018. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, November 28, 2018 1:30 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 10/01/2018-10/31/2018  
**Report Due Date:** 11/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 124200  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2018	10	01	2018	10	31

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2018  
DMR Effective To: 10/31/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	***	8.1	mg/L	1/day	Grab
	Permit Requirement	***	5.0 Inlet Min	***	1/day	Grab
pH (00400)	Sample Measurement	***	6.7	S.U.	1/day	Grab
	Permit Requirement	***	6.0 Inlet Min	9.0 IMAX	1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	1	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	25 Avg Mo	4	***	1/week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	***	30 Avg Mo	mg/L	1/week	24-Hr Composite
	Permit Requirement	***	24.7 Monitor & Report Avg Mo	***	1/week	24-Hr Composite
Ammonia-Nitrogen (00610)	Sample Measurement	.19	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	1.7 Avg Mo	.5	***	1/week	24-Hr Composite
Total Phosphorus (00655)	Sample Measurement	.2	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	.3 Avg Mo	.5	***	1/week	24-Hr Composite
Flow (00050)	Sample Measurement	.04513	1.0 Avg Mo	***	Continuous	Recorded
	Permit Requirement	Monitor & Report Daily Max	***	***	Continuous	Recorded
Total Residual Chlorine (TRC) (00060)	Sample Measurement	***	.04	mg/L	1/day	Grab
	Permit Requirement	***	.05 Avg Mo	***	1/day	Grab
Fecal Coliform (174055)	Sample Measurement	***	3	CFU/100 ml	1/week	Grab
	Permit Requirement	***	1000 IMAX	***	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (60382)	Sample Measurement	1	2	mg/L	1/week	24-Hr Composite
	Permit Requirement	21 Avg Mo	25 Avg Mo	***	1/week	24-Hr Composite
Facility Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill Farm Supp 5 form October 2018.xls	Daily Effluent Monitoring Form	2018-11-15T08:23:15-05:00	
Springhill DMR lab record October 2018.doc	Laboratory Accreditation Form	2018-11-15T08:27:13-05:00	
Springhill Farm Solids Disposal Form October 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-11-15T08:28:19-05:00	
Springhill DEP Cover Ltr. October 2018.doc	Cover Letter	2018-11-15T08:22:36-05:00	
Springhill Farm Influent and Process Control Form October 2018.xls	Influent and Process Control Form	2018-11-15T09:24:28-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disantis	TD403	(610)876-5623

SUBMISSION INFORMATION

SUBMITTED BY (GREENPORT USER)	TELEPHONE	DATE
Michael Disantis	(610) 876-5623	11 28
disantis	AREA CODE NUMBER	YEAR DAY
		MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4924 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: October-18

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD			
1														7.6	0.05	0.05	7.0	0.04980	0.0		
2														7.6	0.04	0.04	6.3	0.04060	0.7		
3			1	4	2	0.5	0.20	0.4	0.17	9	22.4			7.2	0.06	0.06	6.4	0.04810	0.0		
4														6.8	0.06	0.01	6.2	0.03040	0.0		
5														7.5	0.05	0.05	6.7	0.03990	0.6		
6														7.8	0.03	0.03	6.4	0.04120	0.0		
7														7.5	0.03	0.03	6.4	0.04150	0.0		
8														7.4	0.06	0.06	6.5	0.08140	0.0		
9														7.4	0.06	0.06	6.3	0.02820	0.0		
10			1	2	1	0.5	0.18	0.4	0.13	1	17.8			7.5	0.00	0.00	6.2	0.04320	0.0		
11														7.4	0.05	0.05	6.1	0.05130	0.8		
12														7.4	0.01	0.01	7.0	0.04520	0.0		
13														7.5	0.07	0.07	7.2	0.04140	0.0		
14														7.4	0.04	0.04	7.1	0.04280	0.0		
15														7.8	0.05	0.05	6.3	0.04800	0.3		
16														7.6	0.00	0.00	6.8	0.07990	0.0		
17	427	196	1	2	1	0.5	0.18	0.4	0.14	2	26.7			7.6	0.04	0.04	6.7	0.04410	0.0		
18														7.8	0.03	0.03	6.8	0.04030	0.0		
19														8.0	0.03	0.03	6.8	0.04160	0.2		
20														7.3	0.06	0.06	7.1	0.03880	0.0		
21														7.2	0.04	0.04	7.2	0.04380	0.0		
22														7.5	0.04	0.04	7.1	0.05200	0.0		
23														7.2	0.04	0.04	6.7	0.03440	0.0		
24			1	1	0.3	0.5	0.17	0.7	0.25	20	28.4	0.016	546	6.7	0.02	0.02	7.8	0.04160	0.0		
25														7.0	0.05	0.05	8.4	0.04600	0.0		
26														7.3	0.05	0.05	7.1	0.04400	1.5		
27														7.0	0.05	0.05	6.7	0.05690	0.3		
28														7.5	0.04	0.04	7.5	0.04310	0.2		
29														7.8	0.04	0.04	7.3	0.04330	0.0		
30														7.6	0.02	0.02	7.4	0.03150	0.0		
31			1	11	4	0.5	0.19	0.5	0.18	1	28.1			6.8	0.08	0.08	8.1	0.04480	0.0		
Min														6.7			6.1				
Max										20				8.0					0.08140		
Avg:			2	4	1	0.5	0.18	0.5	0.2	3	24.7	0.02	546.0		0.08	0.04			0.04513		

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Telephone 610-876-5523

Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0052230				18	10	01	TO	18	10	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	ALS Environmental	22-293							
TSS	S2540D-11	ALS Environmental	22-293							
Fecal Coliform	S9222D-97	ALS Environmental	22-293							
Ammonia Nitrogen	D6919-09	ALS Environmental	22-293							
TDS	S2540C-11	ALS Environmental	22-293							
Total Phosphorous	EPA 365.1	ALS Environmental	22-293							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	S4500NH3G-11	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	ALS Environmental	22-293							
Total Nitrogen	Calculation	ALS Environmental	22-293							
Nitrite + Nitrate	EPA 300.0	ALS Environmental	22-293							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 11/8/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: October      Year: 2018  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G      NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.      This permit will expire on: December 31, 2020

Day	Influent					Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0498					3,730.0	4.4	1,500.0	
2	0.0406						4.1	1,875.0	
3	0.0481					2,350.0	4.6	2,250.0	
4	0.0304						3.0	2,250.0	
5	0.0399						3.9	2,250.0	
6	0.0412					2,370.0	3.0	2,250.0	
7	0.0415						2.8	2,250.0	
8	0.0814					2,580.0	2.4	2,250.0	
9	0.0282						3.0	2,250.0	
10	0.0432					1,950.0	3.0	3,750.0	
11	0.0513						3.0	2,250.0	
12	0.0452						2.9	2,250.0	
13	0.0414					1,950.0	4.4	1,275.0	
14	0.0428						5.0	600.0	
15	0.048					2,560.0	5.0	750.0	
16	0.0799						4.9	1,125.0	
17	0.0441	427.0	157	196.0	72	1,490.0	4.8	1,500.0	
18	0.0403						4.7	750.0	
19	0.0416						4.7	750.0	
20	0.0388					2,840.0	4.0	750.0	
21	0.0438						4.5	1,650.0	
22	0.052					2,820.0	3.8	4,500.0	
23	0.0344						4.6	4,500.0	
24	0.0416					1,950.0	5.6	1,500.0	
25	0.046						7.0	1,125.0	
26	0.044						5.9	1,350.0	
27	0.0569					1,980.0	4.3	1,350.0	
28	0.0431						3.8	4,500.0	
29	0.0433					1,710.0	4.0	2,625.0	
30	0.0315						4.8	975.0	
31	0.0448					2,610.0	5.4	3,500.0	
Avg	0.045	427	157	196	72	2,349	4	2,015	
Max	0.081	427	157	196	72	3,730	7	4,500	

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 11/8/2018



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

November 15, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 4Q 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the fourth quarter of 2018.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, November 28, 2018 1:32 PM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 10/01/2018-12/31/2018  
**Report Due Date:** 01/28/2019

**Submitted By:** Michael DiSantis  
**Submission Id:** 124202  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Quarterly  
DMR Effective From: 10/01/2018  
DMR Effective To: 12/31/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2018	10	01	TO 2018	12	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Copper, Total (010-2)	Sample Measurement	***	.02	***	mg/L	***	1/quarter	24-Hr Composite
	Permit Requirement	***	Monitor & Report Daily Max	***	***	***	1/quarter	24-Hr Composite
Total Dissolved Solids (70285)	Sample Measurement	***	546	***	mg/L	***	1/quarter	24-Hr Composite
	Permit Requirement	***	Monitor & Report Daily Max	***	***	***	1/quarter	24-Hr Composite
Facility Comments								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cov Lett. 4Q 2018.doc	Cover Letter	2018-11-15T09:32:55-05:00	
Springhill DMR 1st issued October 2018.doc	Laboratory Accreditation Form	2018-11-15T09:34:15-05:00	
Springhill Farm Supp S form October 2018.xls	Daily Effluent Monitoring Form	2018-11-15T09:33:32-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disantis	10493	(610)-872-5523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE	DATE
disantis m	(610) 876-5523	2018 11 28
	AREA CODE NUMBER	YEAR MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 89, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting critical information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

November 15, 2018

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for October 2018. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
October 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for October 2018.

Wastewater Plant

Average Daily Flow: 45,130 gallons. Peak Daily Flow: 81,400 gallons.

Sludge Hauled: 39,600 gallons

Sodium Hypochlorite was delivered: 165 gallons

There were no violations during the month.

A return activated sludge valve was repaired on October 6<sup>th</sup>.

Sugar is being added as a food supplement when lower than average flows are experienced.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

December 11, 2018

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for November 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for November 2018. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, December 17, 2018 10:39 AM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 11/01/2018-11/30/2018  
**Report Due Date:** 12/28/2018

**Submitted By:** Michael DiSantis  
**Submission Id:** 126079  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0062230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2018  
DMR Effective To: 11/30/2018  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM	2018	11	TO	2018	11 30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (00900)	Sample Measurement	***	8.0	mg/L	1/day	Grab
	Permit Requirement	***	5.0 Inst Min	***	1/day	Grab
pH (00400)	Sample Measurement	***	6.7	S.U.	1/day	Grab
	Permit Requirement	***	6.0 Inst Min	8.0 IMAX	1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	4	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	25 Avg Mo	30 Avg Mo	***	1/week	24-Hr Composite
Total Nitrogen (00500)	Sample Measurement	***	28.5	mg/L	1/week	24-Hr Composite
	Permit Requirement	***	Monitor & Report Avg Mo	***	1/week	24-Hr Composite
Ammonia-Nitrogen (00670)	Sample Measurement	15	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	8.0 Avg Mo	4	***	1/week	24-Hr Composite
Total Phosphorus (00685)	Sample Measurement	1.7	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	0.75-0.8 Avg Mo	2.0 Avg Mo	***	1/week	24-Hr Composite
Flow (60050)	Sample Measurement	05149	***	MGD	Continuous	Recorded
	Permit Requirement	Monitor & Report Daily Max	***	***	Continuous	Recorded
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	.04	mg/L	1/day	Grab
	Permit Requirement	***	.06 Avg Mo	14 IMAX	1/day	Grab
Fecal Coliform (74055)	Sample Measurement	***	3	CFU/100 ml	1/week	Grab
	Permit Requirement	***	200 Avg Mo	1000 IMAX	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBO05) (60082)	Sample Measurement	2	***	mg/L	1/week	24-Hr Composite
	Permit Requirement	21 Avg Mo	5	***	1/week	24-Hr Composite
Facility Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill Farm Solids Disposal Form November 2018.xls	Sewage Sludge / Biologics Production and Disposal Form	2018-12-11T09:55:19-05:00	
Springhill DEP Cover Ltr. November 2018.doc	Cover Letter	2018-12-11T09:12:11-05:00	
Springhill Farm Supp S form November 2016.xls	Daily Effluent Monitoring Form	2018-12-11T09:15:02-05:00	
Springhill Farm Influent and Process Control Form November 2018.xls	Influent and Process Control Form	2018-12-11T09:16:06-05:00	
Springhill DMR Lab record November 2018.doc	Laboratory Accreditation Form	2018-12-11T09:17:59-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. Disantfis	TO403	(610)-979-5523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE	DATE
Michael Disantfis	(610) 876-5523	12 17
disantfism	SUBMITTED BY FULL NAME	AREA CODE NUMBER YEAR MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 89, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S) November-18  
 Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342 This permit will EXPIRE on December 31, 2020

Influent		Effluent														Rainfall					
Date	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Rainfall Inches	
1																7.3	0.03	0.03	6.2	0.03820	0.0
2																7.4	0.03	0.03	7.6	0.06350	1.0
3																7.7	0.04	0.04	7.2	0.05570	0.0
4																7.8	0.03	0.03	6.2	0.05750	0.0
5																7.6	0.10	0.10	6.0	0.04870	1.1
6																7.4	0.05	0.05	6.9	0.03960	0.8
7																7.0	0.06	0.06	7.2	0.04600	0.0
8		2	2	1	2	1	0.5	0.17	0.6	0.20	1	42.6				7.6	0.09	0.09	7.0	0.04100	0.0
9																7.1	0.04	0.04	7.7	0.07490	0.9
10																7.3	0.03	0.03	6.7	0.05040	0.0
11																7.3	0.02	0.02	8.6	0.04760	0.1
12																7.2	0.01	0.01	8.0	0.04970	1.3
13																7.5	0.04	0.04	7.8	0.04690	0.0
14	384	201	3	1	3	1	0.5	0.24	0.5	0.24	3	24.1				7.7	0.02	0.02	8.3	0.05740	0.0
15																7.1	0.04	0.04	8.5	0.04840	1.9
16																7.7	0.09	0.09	8.5	0.06190	0.0
17																7.3	0.06	0.06	8.6	0.06420	0.0
18																7.8	0.00	0.00	9.0	0.04790	0.0
19																7.7	0.00	0.00	8.4	0.05950	0.0
20			7	3	14	6	0.1	0.04	0.5	0.20	9	21.4				7.5	0.06	0.06	6.6	0.04840	0.0
21																7.1	0.06	0.06	9.6	0.04810	0.0
22																7.9	0.04	0.04	7.8	0.03740	0.0
23																7.5	0.05	0.05	10.0	0.03640	0.0
24																6.7	0.03	0.03	9.3	0.07940	2.4
25																8.0	0.07	0.07	9.1	0.05850	0.0
26																6.7	0.02	0.02	6.9	0.06460	0.8
27					17	8.5										7.9	0.04	0.04	8.5	0.06150	0.0
28			6	2			0.5	0.13	0.5	0.14	3	26.0				7.2	0.01	0.01	8.6	0.03150	0.0
29																7.8	0.03	0.03	8.1	0.05100	0.0
30													0	0		7.6	0.04	0.04	8.4	0.03900	0.0
31																					
Min																6.7					
Max											9					8.0					
Avg:			5	2	9	4	0.4	0.15	0.5	0.2	3	28.5	0.00	0.0		0.10	0.04		0.07940	0.05149	

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day			
PA0052230				18	11	01	TO 18 11 30
<b>PARAMETER</b>		<b>ANALYSIS METHOD</b>		<b>LAB NAME</b>		<b>LAB ID NUMBER<sup>2</sup></b>	
cBOD5		S5210B-11		DELCORA		23-00671	
TSS		S2540D-11		DELCORA		23-00671	
Fecal Coliform		Colilert18/Quantitray		DELCORA		23-00671	
Ammonia Nitrogen		EPA -350.1		DELCORA		23-00671	
TDS		S2540C-11		MJ Reider		06-00003	
Total Phosphorous		SM-4500-P-E		DELCORA		23-00671	
Dissolved Oxygen		Meter		DELCORA- Operations Meter		23-00671	
TRC & pH		Meter		DELCORA- Operations Meter		23-00671	
TKN		HACH 10242		DELCORA- Operations Meter		23-00671	
Total Copper		EPA 200.7		MJ Reider		06-00003	
Total Nitrogen		Calculation		DELCORA		23-00671	
Nitrite + Nitrate		HACH 10206/SM4500-H+B		DELCORA		23-00671	

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 possibly of fine and imprisonment for knowing violations.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 12/6/2018

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.







DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

December 15, 2018

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for November 2018. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
November 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for November 2018.

Wastewater Plant

Average Daily Flow: 51,490 gallons. Peak Daily Flow: 79,400 gallons.

Sludge Hauled: 29,200 gallons

Sodium Hypochlorite was delivered: 190 gallons

Aluminum Sulfate was delivered: 275 gallons

There were no violations during the month.

A return activated sludge line was blocked with pine needles on November 4<sup>th</sup>. The line was opened with a pressure pipe diaphragm.

Sugar is being added as a food supplement when lower than average flows are experienced.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

January 8, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for December 2018**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for December 2018. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264, if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Tuesday, January 08, 2019 11:15 AM  
**To:** DiSantis, Michael; Gober, Stan; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 12/01/2018-12/31/2018  
**Report Due Date:** 01/28/2019

**Submitted By:** Michael DiSantis  
**Submission Id:** 129247  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 12/01/2018  
DMR Effective To: 12/31/2018  
Permit Expires: 07/04/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2018	12	01	2018	12	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen (00301)	Sample Measurement	***	***	7.1	***	***	1/day	Grab
	Permit Requirement	***	***	S.O. Inst Min	***	***	1/day	Grab
		***	***	6.3	***	***	1/day	Grab
pH (00400)	Sample Measurement	***	***	6.0	***	8.0	1/day	Grab
	Permit Requirement	***	***	Inst Min	***	IMAX	1/day	Grab
		***	***	11	***	***	1/week	24-Hr Composite
Total Suspended Solids (00500)	Sample Measurement	4	lb/day	30	***	***	1/week	24-Hr Composite
	Permit Requirement	25	***	Avg Mo	***	***	1/week	24-Hr Composite
		***	***	27	***	***	1/week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	***	***	Monitor & Report	***	***	1/week	24-Hr Composite
	Permit Requirement	***	***	Avg Mo	***	***	1/week	24-Hr Composite
		***	***	.3	***	***	1/week	24-Hr Composite
Ammonia-Nitrogen (00610)	Sample Measurement	.11	lb/day	6.0	***	***	1/week	24-Hr Composite
	Permit Requirement	***	***	Avg Mo	***	***	1/week	24-Hr Composite
		***	***	.6	***	***	1/week	24-Hr Composite
Total Phosphorus (00665)	Sample Measurement	1.7	lb/day	2.0	***	***	1/week	24-Hr Composite
	Permit Requirement	***	***	Avg Mo	***	***	1/week	24-Hr Composite
		***	***	.76	***	***	Continuous	Recycled
Flow (50050)	Sample Measurement	.0525	MGD	***	***	***	Continuous	Recycled
	Permit Requirement	***	***	Monitor & Report	***	***	1/day	Grab
		***	***	Daily Max	***	***	1/day	Grab
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	.04	***	.14	1/day	Grab
	Permit Requirement	***	***	Avg Mo	***	IMAX	1/week	Grab
		***	***	3	***	10	1/week	Grab
Fecal Coliform (74055)	Sample Measurement	***	***	200	***	1000	1/week	Grab
	Permit Requirement	***	***	Avg Mo	***	IMAX	1/week	Grab
		***	***	5	***	***	1/week	24-Hr Composite
Carbonaceous Biochemical Oxygen Demand (CBOD5) (60092)	Sample Measurement	2	lb/day	25	***	***	1/week	24-Hr Composite
	Permit Requirement	21	***	Avg Mo	***	***	1/week	24-Hr Composite
		***	***	***	***	***	1/week	24-Hr Composite
Facility Comments								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cover Ltr December 2018.doc	Cover Letter	2019-01-08T09:51:03-0500	
Springhill Farm Sup S form December 2018.xls	Daily Effluent Monitoring Form	2019-01-08T09:51:41-05:00	
Springhill DMR lab access December 2018.doc	Laboratory Accreditation Form	2019-01-08T09:54:46-05:00	
Springhill Farm Influent and Process Control Form December 2018.xls	Influent and Process Control Form	2019-01-08T09:52:35-0500	
Springhill Farm Solids Disposal Form December 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2019-01-08T09:53:59-0500	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	TD403	(610)-976-5523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE	DATE
Michael Disantis	(610) 876-5523	2019 1 8
disantism	SUBMITTED BY FULL NAME	YEAR MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 89, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S) January-19  
 Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BODs mg/l	TSS mg/l	cBODs mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															7.5	0.01	0.01	8.6	0.05620	0.7	
2															7.3	0.09	0.06	8.6	0.05340	0.0	
3															7.3	0.06	0.06	8.3	0.05230	0.0	
4															7.2	0.03	0.03	8.0	0.04050	0.0	
5	422	228	4	1	9	3	0.5	0.17	0.3	0.11	2	24.6			6.3	0.08	0.08	11.0	0.04170	0.0	
6															7.3	0.06	0.06	9.0	0.04410	0.0	
7															6.9	0.02	0.02	8.8	0.05280	0.0	
8															7.4	0.05	0.05	7.9	0.05980	0.0	
9															7.5	0.00	0.00	9.3	0.05640	0.0	
10															7.4	0.07	0.07	9.9	0.04140	0.0	
11															6.8	0.00	0.06	10.2	0.03660	0.0	
12															7.5	0.02	0.02	9.3	0.04680	0.0	
13															8.0	0.00	0.00	9.0	0.04190	0.0	
14															7.5	0.03	0.03	9.1	0.04700	0.3	
15															7.2	0.06	0.06	9.2	0.04960	1.5	
16															7.5	0.06	0.06	8.5	0.06380	0.5	
17															7.7	0.04	0.04	8.4	0.07410	0.0	
18															7.2	0.03	0.03	9.2	0.04140	0.0	
19															7.2	0.04	0.04	10.0	0.05000	0.0	
20															6.9	0.04	0.04	8.6	0.06950	1.5	
21															6.8	0.02	0.02	10.2	0.06310	0.5	
22															7.2	0.04	0.04	8.4	0.07600	0.0	
23															7.4	0.03	0.03	7.1	0.05830	0.0	
24															7.3	0.04	0.04	7.8	0.04270	0.0	
25															7.4	0.04	0.04	8.3	0.03680	0.0	
26															6.7	0.07	0.07	9.6	0.04600	1.2	
27															7.5	0.04	0.04	9.6	0.05330	0.5	
28															7.5	0.00	0.00	10.0	0.06660	0.0	
29															7.8	0.03	0.03	9.7	0.06080	0.0	
30															7.3	0.04	0.04	10.1	0.05100	0.0	
31															6.7	0.00	0.00	10.1	0.05560	1.0	
Min															6.3			7.1			
Max															8.0	0.09			0.07600		
Avg:																			0.05250		

Telephone 610-876-5523

LAB ALS Environmental In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				18	12	01	TO	18	12	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	DELCORA	23-00671							
TSS	S2540D-11	DELCORA	23-00671							
Fecal Coliform	Colilert18/Quantitray	DELCORA	23-00671							
Ammonia Nitrogen	EPA -350.1	DELCORA	23-00671							
TDS	S2540C-11	MJ Reider	06-00003							
Total Phosphorous	SM-4500-P-E	DELCORA	23-00671							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	HACH 10242	DELCORA- Operations Meter	23-00671							
Total Copper	EPA 200.7	MJ Reider	06-00003							
Total Nitrogen	Calculation	DELCORA	23-00671							
Nitrite + Nitrate	HACH 10206/SM4500-H+B	DELCORA	23-00671							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 1/3/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: December      Year: 2018  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G      NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0552					2,610.0	5.3	3,000.0
2	0.0534						2.1	2,250.0
3	0.0523					2,690.0	2.5	2,250.0
4	0.0405	422.0	143	228.0	77	2,160.0	4.0	2,250.0
5	0.0417						7.5	2,250.0
6	0.0441						6.9	2,250.0
7	0.0528						6.2	1,500.0
8	0.0598					1,790.0	5.9	1,500.0
9	0.0554						3.6	2,250.0
10	0.0414					2,520.0	3.8	2,625.0
11	0.0366						5.5	2,250.0
12	0.0468					2,450.0	6.4	2,625.0
13	0.0419						4.4	4,500.0
14	0.047						4.2	2,250.0
15	0.0496					2,350.0	4.2	3,750.0
16	0.0638						2.3	2,250.0
17	0.0741					2,730.0	2.7	2,250.0
18	0.0414						2.5	4,500.0
19	0.05					2,380.0	6.8	3,000.0
20	0.0695						6.9	3,325.0
21	0.0631						5.7	4,275.0
22	0.076					2,290.0	3.6	2,250.0
23	0.0583						1.9	3,750.0
24	0.0427					2,580.0	5.3	2,250.0
25	0.0368						5.7	4,500.0
26	0.046						7.2	4,500.0
27	0.0533					2,290.0	5.9	4,500.0
28	0.0666						6.1	4,500.0
29	0.0608					2,000.0	4.6	3,750.0
30	0.051						4.1	3,750.0
31	0.0556					2,000.0	5.7	2,250.0
Avg	0.053	422	143	228	77	2,346	5	3,003
Max	0.076	422	143	228	77	2,730	8	4,500

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 1/4/2019



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

January 8, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for December 2018. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, extension 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
December 2018**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for December 2018

Wastewater Plant

Average Daily Flow: 52,500 gallons. Peak Daily Flow: 76,000 gallons.

Sludge Hauled: 32,800 gallons

Sodium Hypochlorite was delivered: 170 gallons

There were no violations during the month.

The main electric heater in the main building was replaced.

Sugar is being added as a food supplement when lower than average flows are experienced.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

February 7, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for January 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for January 2019. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Friday, February 08, 2019 1:03 PM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 01/01/2019-01/31/2019  
**Report Due Date:** 02/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 135361  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

P-AD5233D  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 01/01/2019  
DMR Effective To: 01/31/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	TO
2019	01	01	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	7.1	mg/L	7.1	1day	Grab
	Permit Requirement	5.0	Inst Min	5.0	1day	Grab
pH (00400)	Sample Measurement	6.7	S.U.	6.4	1day	Grab
	Permit Requirement	6.0	Inst Min	9.0	1day	Grab
Total Suspended Solids (00500)	Sample Measurement	5	ng/L	11	1week	24-Hr Composite
	Permit Requirement	25	Avg Mo	30	1week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	<22.7	ng/L	<22.7	1week	24-Hr Composite
	Permit Requirement	6.0	Monitor & Report Avg Mo	6.0	1week	24-Hr Composite
Ammonia-Nitrogen (00810)	Sample Measurement	5.0	ng/L	5.0	1week	24-Hr Composite
	Permit Requirement	1.7	Avg Mo	5	1week	24-Hr Composite
Total Phosphorus (00655)	Sample Measurement	.07240	ng/L	2.0	Continuous	Recorded
	Permit Requirement	Monitor & Report Daily Max	Avg Mo	2.0	Continuous	Recorded
Total Residual Chlorine (TIC) (60060)	Sample Measurement	.03	mg/L	.08	1day	Grab
	Permit Requirement	1.4	Avg Mo	1.4	1day	Grab
Fecal Coliform (74055)	Sample Measurement	7	CFU/100 ml	16	1week	Grab
	Permit Requirement	200	Avg Mo	1000	1week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (60062)	Sample Measurement	2	ng/L	4	1week	24-Hr Composite
	Permit Requirement	24	Avg Mo	25	1week	24-Hr Composite
Facility Sampling Point Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploads Time	Attachment Comments
Springhill DEP Cover Lr January 2019.doc	Cover Letter	2019-02-07T14:06:02-05:00	
Springhill Farm Analytical Report January 2019.pdf	Laboratory Analytical Report	2019-02-07T10:56:06-05:00	
Springhill Farm Subcontract Analytical 1-8-19.pdf	Laboratory Analytical Report	2019-02-07T11:14:13-05:00	
Springhill DMR Lab second January 2019.doc	Laboratory Accreditation Form	2019-02-07T14:04:20-05:00	
Springhill Farm Supp S form January 2019.xls	Daily Effluent Monitoring Form	2019-02-07T10:37:00-05:00	
Springhill Farm Solid Disposal Form January 2019.xls	Sewage Sludge / Biosolids Production and Disposal Form	2019-02-07T14:05:53-05:00	
Springhill Farm Influent and Process Control Form January 2019.xls	Influent and Process Control Form	2019-02-07T14:06:43-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substances Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gobar	T1638	(484)844-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE		DATE				
	(484)	844-2175	2019	2			
gobers	SUBMITTED BY FULL NAME		AREA CODE	NUMBER	YEAR	MO	DAY
	Stan Gobar						

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 89, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: January-19

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342

NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															7.4	0.08	0.08	9.8	0.06010	0.0	
2															7.2	0.06	0.06	9.6	0.04920	0.0	
3			4	2	12	5	0.1	0.04	0.5	0.19	13	20.0			6.9	0.01	0.01	7.1	0.04550	0.0	
4															7.2	0.01	0.01	8.9	0.05170	0.5	
5															7.0	0.06	0.06	9.5	0.05390	0.0	
6															7.6	0.05	0.05	7.4	0.06160	0.0	
7															7.4	0.08	0.03	8.2	0.03510	0.3	
8	442	219	6	4	11	7	0.5	0.30	0.8	0.46	16	23.0	0.013	522	7.2	0.00	0.00	8.5	0.07240	0.3	
9															7.0	0.05	0.05	8.5	0.04430	0.0	
10															8.4	0.02	0.02	9.1	0.04450	0.0	
11															7.4	0.00	0.00	8.6	0.05440	0.0	
12															7.9	0.06	0.03	8.6	0.04690	0.0	
13															7.1	0.01	0.01	10.0	0.05390	0.5	
14															7.2	0.04	0.04	10.0	0.04150	0.0	
15															7.0	0.01	0.01	10.2	0.04040	0.0	
16			4	1	11	4	0.5	0.19	0.4	0.13	6	23.4			7.0	0.03	0.03	9.8	0.04450	0.0	
17															7.8	0.06	0.06	9.6	0.04390	1.0	
18															7.2	0.03	0.03	11.0	0.04740	0.0	
19															7.2	0.04	0.04	9.9	0.05910	1.8	
20															7.3	0.00	0.00	9.7	0.06230	0.0	
21															7.6	0.04	0.04	10.4	0.06200	0.0	
22															7.5	0.06	0.06	11.9	0.03420	0.0	
23			3	1	7	3	0.5	0.22	0.3	0.15	3	22.0			7.1	0.04	0.04	10.1	0.05270	1.0	
24															7.4	0.02	0.02	10.2	0.06100	1.0	
25															7.2	0.00	0.00	9.9	0.06320	0.0	
26															6.9	0.01	0.01	11.7	0.05050	0.0	
27															7.3	0.06	0.06	10.3	0.06680	0.0	
28															7.2	0.05	0.05	8.9	0.04620	0.0	
29															7.3	0.03	0.03	10.8	0.04090	0.2	
30			4	2	14	7	0.5	0.24	0.4	0.20	6	25.2			7.0	0.03	0.03	9.1	0.05750	0.0	
31															6.7	0.08	0.08	10.5	0.04260	0.0	
Min											16				6.7			7.1			
Max											16				8.4	0.08					
Avg:			4	2	11	5	0.4	0.20	0.5	0.2	7	22.7	0.01	522.0					0.07240		
											7						0.03			0.05130	

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day			
PA0052230				19	01	01	TO 19 01 31
<b>PARAMETER</b>							
<b>ANALYSIS METHOD</b>		<b>LAB NAME</b>			<b>LAB ID NUMBER<sup>2</sup></b>		
cBOD5		S5210B-11			DEL CORA 23-00671		
TSS		S2540D-11			DEL CORA 23-00671		
Fecal Coliform		Colilert18/Quantitray			DEL CORA 23-00671		
Ammonia Nitrogen		EPA -350.1			DEL CORA 23-00671		
TDS		S2540C-11			MJ Reider 06-00003		
Total Phosphorous		SM-4500-P-E			DEL CORA 23-00671		
Dissolved Oxygen		Meter			DEL CORA- Operations Meter 23-00671		
TRC & pH		Meter			DEL CORA- Operations Meter 23-00671		
TKN		HACH 10242			DEL CORA- Operations Meter 23-00671		
Total Copper		EPA 200.7			MJ Reider 06-00003		
Total Nitrogen		Calculation			DEL CORA 23-00671		
Nitrite + Nitrate		HACH 10206/SM4500-H+B			DEL CORA 23-00671		

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 2/7/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





## SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

**Facility Name:** Springhill Farm STP      **Month:** January      **Year:** 2019  
**Municipality:** Chadds Ford Township      **County:** Delaware      **NPDES Permit No.:** PA0052230  
**Watershed:** 3-G      **Renewal application due** 180 days prior to expiration.      **This permit will expire on:** December 31, 2020

Day	Influent					Process Control		
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0601						3.3	1,650.0
2	0.0492					1,930.0	6.4	1,500.0
3	0.0455						5.2	1,500.0
4	0.0517						6.1	1,500.0
5	0.0539					1,700.0	4.1	1,500.0
6	0.0616						3.7	375.0
7	0.0351					1,850.0	4.9	750.0
8	0.0724	442.0	267	219.0	132		4.6	750.0
9	0.0443					2,360.0	5.2	1,500.0
10	0.0445						6.3	1,125.0
11	0.0544						5.3	1,125.0
12	0.0469					2,240.0	5.3	0.0
13	0.0539						6.2	1,875.0
14	0.0415					2,300.0	5.1	2,250.0
15	0.0404						6.6	2,250.0
16	0.0445					1,970.0	7.7	2,250.0
17	0.0439						7.1	2,250.0
18	0.0474						7.6	1,500.0
19	0.0591					1,990.0	7.4	1,500.0
20	0.0623						3.5	2,250.0
21	0.062					2,150.0	7.8	2,250.0
22	0.0342						8.4	0.0
23	0.0527					2,400.0	9.1	2,250.0
24	0.061						5.0	2,250.0
25	0.0632						6.4	2,250.0
26	0.0505					2,290.0	5.7	2,250.0
27	0.0668						4.1	225.0
28	0.0462					2,890.0	5.5	2,250.0
29	0.0409						7.8	2,250.0
30	0.0575						6.9	2,250.0
31	0.0426					2,350.0	8.5	2,250.0
<b>AVG</b>	<b>0.051</b>	<b>442</b>	<b>267</b>	<b>219</b>	<b>132</b>	<b>2,186</b>	<b>6</b>	<b>1,609</b>
<b>Max</b>	<b>0.072</b>	<b>442</b>	<b>267</b>	<b>219</b>	<b>132</b>	<b>2,890</b>	<b>9</b>	<b>2,250</b>

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

**Prepared By:** Michael J. DiSantis      **License No.:** T0403  
**Title:** Dir. of Operations and Maintenance      **Date:** 2/7/2019

**Lab Report for Springhill Farm**  
**Influent & Effluent DMR Data**  
**Lab Certification No: 23-00671**



Date	21201 Influent BOD5 Daily Avg mg/l	21203 Influent TSS Daily Avg mg/l	21200 Effluent CBOD5 Daily Avg mg/l	21204 Effluent TSS Daily Avg mg/l	21207 Effluent NH3 Ammonia Daily Avg mg/l	21208 Effluent Phos, Total Daily Avg mg/l	21202 Effluent Fecal Coliform Daily Avg count/100ml	21219 Effluent NO2 Nitrite Daily Avg mg/l	21218 Effluent NO3 Nitrate Daily Avg mg/l	21215 Effluent TKN Daily Avg mg/l
Jan 1, 2019										
Jan 2, 2019										
Jan 3, 2019				12.0 (2) <	0.10 (3)	0.500	13 (4) <	0.200 (5)	17.80 (6)	1.980
Jan 4, 2019										
Jan 5, 2019										
Jan 6, 2019										
Jan 7, 2019				11.4 (8) <	0.50	0.768	16 <	0.050 (9)	20.19 (10)	2.720
Jan 8, 2019	442	219 (7)	6							
Jan 9, 2019										
Jan 10, 2019										
Jan 11, 2019										
Jan 12, 2019										
Jan 13, 2019										
Jan 14, 2019										
Jan 15, 2019				11.2 <	0.50	0.363	6 <	0.050 (11)	22.38 (12) <	1.000
Jan 16, 2019			4							
Jan 17, 2019										
Jan 18, 2019										
Jan 19, 2019										
Jan 20, 2019										
Jan 21, 2019										
Jan 22, 2019										
Jan 23, 2019				6.9	0.50	0.334	3 <	0.050 (14)	19.98 (15)	1.920
Jan 24, 2019			3							
Jan 25, 2019										
Jan 26, 2019										
Jan 27, 2019										
Jan 28, 2019										
Jan 29, 2019										
Jan 30, 2019				14.2 <	0.50 (16)	0.408	6 <	0.050 (17)	19.83 (18)	5.280
Jan 31, 2019			4							
Count	1	1	5	5	5	5	5	5	5	5
Maximum	442	219	6	14.2	0.50	0.768	16	0.200	22.38	5.280
Minimum	442	219	3	6.9	0.10	0.334	3	0.050	17.80	1.000
Average	442	219	4	11.1	0.42	0.475	9	0.080	20.04	2.580
Total	442	219	21	55.7	2.10	2.373	44	0.400	100.18	12.900

# Lab Report for Springhill Farm

Influent & Effluent DMR Data  
Lab Certification No: 23-00671



Date	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF
	Influent	Influent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	BOD5	TSS	CBOD5	TSS	NH3 Ammonia	Phos, Total	Fecal Coliform	NO2 Nitrite	NO3 Nitrate	TKN
	Daily Avg	Daily Avg	Daily Avg	Daily Avg	Daily Avg	Daily Avg				
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	count/100ml	mg/l	mg/l	mg/l

**Comments:**

- (1) Control is low out of spec.
- (2) MJR
- (3) MJR
- (4) MJR
- (5) MJR
- (6) MJR
- (7) GGA STD out of spec low.
- (8) Blank out of spec - High
- (9) Samples diluted before analysis
- (10) Samples diluted before analysis
- (11) Samples diluted before analysis.
- (12) Samples diluted before analysis.
- (13) GGA STD out of spec low.
- (14) Result Qualified. Sample diluted prior to analysis.
- (15) Result qualified. Sample diluted prior to analysis.
- (16) Spike out of spec - Low
- (17) Sample diluted before analysis
- (18) Samples diluted before analysis

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



Date	21209		21216		21217	
	SF	Effluent Nitrogen, Total Calculated Daily Avg mg/l	SF	Effluent Copper (Cu) Daily Avg mg/l	SF	Effluent TDS Daily Avg mg/l
Jan 1, 2019						
Jan 2, 2019						
Jan 3, 2019 (19) <		20.0				
Jan 4, 2019						
Jan 5, 2019						
Jan 6, 2019						
Jan 7, 2019						
Jan 8, 2019 <		23.0 (20)		0.013		522.000
Jan 9, 2019						
Jan 10, 2019						
Jan 11, 2019						
Jan 12, 2019						
Jan 13, 2019						
Jan 14, 2019						
Jan 15, 2019						
Jan 16, 2019 <		23.4				
Jan 17, 2019						
Jan 18, 2019						
Jan 19, 2019						
Jan 20, 2019						
Jan 21, 2019						
Jan 22, 2019						
Jan 23, 2019 <		22.0				
Jan 24, 2019						
Jan 25, 2019						
Jan 26, 2019						
Jan 27, 2019						
Jan 28, 2019						
Jan 29, 2019						
Jan 30, 2019 <		25.2				
Jan 31, 2019						
Count	5		1		1	
Maximum	25.2		0.013		522.000	
Minimum	20.0		0.013		522.000	
Average	22.7		0.013		522.000	
Total	113.6		0.013		522.000	

Comments:  
 (19) MJR  
 (20) MJR



# Certificate of Analysis

**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

**Laboratory No.:** 9000161

**Report:** 01/09/19

**Lab Contact:** Bradley Griffiths

**Attention:** Michael Krause  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill BFF

**Lab ID:** 9000161-01    **Collected By:** Client  
**Sample Desc:** Springhill Effluent

**Sampled:** 01/03/19 07:05    **Received:** 01/03/19 14:54  
**Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	01/08/19		APR
Nitrate as N	17.8	mg/l	2.00	EPA 300.0 Rev 2.1	01/04/19 5:38		JAF
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	01/04/19 5:38		JAF
Nitrogen, Total Kjeldahl (TKN)	1.98	mg/l	0.50	EPA 351.2	01/08/19		CPR
Phosphorus as P, Total	0.50	mg/l	0.05	SM 4500-P E	01/07/19		JCL



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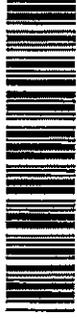
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NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current  
NEJAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.



**M.J. Reider Associates, Inc.**  
 107 Angelica St, Reading PA, 19611  
 610-374-5129 www.mjreider.com

**WORK ORDER**  
**Chain of Custody**

9000161



Client Code: 2639

Project Manager: Bradley Griffiths

Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Client: DELCORA  
 Project: Springhill EFF

Project Notes: Mike Krause - Office (610) 876-5523 x 218 --  
 Cell (610) 633-4002

Comments:

Collected By: Mike Dignan

9000161-01, Springhill Effluent

NO2-N EPA 300.0, NO3-N EPA 300.0

NH3-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Matrix: Non-Potable Water  
 Type: Composite (Simple)

A - P1 500ml H2SO4  
 B - P1 250ml NP

Date: 1-3-19

Time: 0703

Relinquished By: Mike Dignan 1-3-19 1117 Date/Time  
 Received at Laboratory: [Signature] 1/2/19 1117 Date/Time  
 Relinquished By: [Signature] 1/3/19 1454 Date/Time  
 Received at Laboratory: [Signature] 1/3/19 1454 Date/Time

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	1.0
Samples on Ice?	Yes
Approved By:	NA
Entered By:	NA

The Client, by signing (or having the client's agent sign), agrees to MRA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.

**M.J. Reider Associates, Inc.**

**MJRA Terms & Conditions**

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses. COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred).

**Sample Submission, Sample Acceptance & Sampling Containers**

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

**Turnaround Times (TAT)**

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (\*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. \*RUSH TAT Surcharges are applied for expedited turnaround times.

**Analytical Results, Sample Collection Integrity & Subcontracting**

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

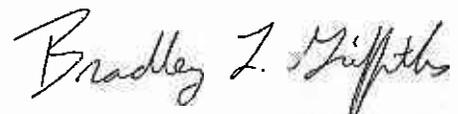
**Payment Terms**

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley Griffiths  
Project Manager



107 Angelica Street ○ Reading, PA 19611 ○ [www.mjreider.com](http://www.mjreider.com) ○ (610) 374-5129 ○ fax (610) 374-7234

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DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

February 7, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 1Q 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the first quarter of 2019.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-8788

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthehelpdesk@state.pa.us  
**Sent:** Friday, February 08, 2019 1:08 PM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 01/01/2019-03/31/2019  
**Report Due Date:** 04/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 135363  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTFF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUT-FALL NUMBER

Reporting Frequency: Quarterly  
DMR Effective From: 01/01/2019  
DMR Effective To: 03/31/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2019	01	01	2019	03	31

FROM

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY		SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS			
Copper, Total (01042)	***	***	***	mg/L	1/quarter	24-Hr Composite	
	***	***	Member & Report Daily Max	***	1/quarter	24-Hr Composite	
Total Dissolved Solids (70285)	***	***	***	mg/L	1/quarter	24-Hr Composite	
	***	***	Member & Report Daily Max	***	1/quarter	24-Hr Composite	
Facility Sampling Point Comments							



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill Farm Analytical Report January 2019.pdf	Laboratory Analytical Report	2019-02-07T11:20:11-05:00	
Springhill Farm CI Analytical.pdf	Laboratory Analytical Report	2019-02-07T11:20:52-05:00	
Springhill Farm Supp S form January 2019.xls	Daily Effluent Monitoring Form	2019-02-07T11:21:27-05:00	
Springhill DMR lab record January 2019.doc	Laboratory Accreditation Form	2019-02-07T14:08:05-05:00	
Springhill DEP Cov LAR 10 2018.doc	Cover Letter	2019-02-08T09:30:14-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gobar	T1830	(684)344-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE		DATE				
	(484)	844-2175	2019	2			
gobers	SUBMITTED BY FULL NAME		AREA CODE	NUMBER	YEAR	MO	DAY
	Stan Gobar		(484)	844-2175	2019	2	8
	SUBMITTED BY FULL NAME		AREA CODE	NUMBER	YEAR	MO	DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).



# Certificate of Analysis

**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

**Laboratory No.:** 9000700

**Report:** 01/10/19

**Lab Contact:** Bradley Griffiths

**Attention:** Michael Krause

**Reported To:** DELCORA

P.O. Box 999

Chester, PA 19016

**Project Info:** Springhill EFF (Quarterly)

**Lab ID:** 9000700-01

**Collected By:** Client

**Sampled:** 01/08/19 08:00

**Received:** 01/08/19 13:47

**Sample Desc:** Springhill Effluent

**Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Total Metals							
Copper	0.013	mg/l	0.001	EPA 200.8 Rev 5.4	01/09/19		MPB



107 Angelica Street • Reading, PA 19611 • [www.mjreider.com](http://www.mjreider.com) • (610) 374-5129 • fax (610) 374-7234

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NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current  
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.



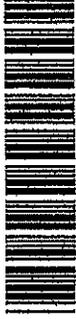
**M.J. Reider Associates, Inc.**  
 107 Angelica St, Reading PA, 19611  
 610-374-5129 www.mjreider.com

**WORK ORDER**  
**Chain of Custody**

Client: DELCORA  
 Project: Springhill EFF (Quarterly)

Client Code: 2639  
 Project Manager: Bradley Griffiths  
 Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016  
 Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

9000700



Project Notes: Mike Krause - Office (610) 876-5523 x 218 -  
 Cell (610) 633-4002

Comments:

Collected By: Mike Sigan

9000700-01 Springhill Effluent

Cu EPA 200.8

Matrix: Non-Potable Water  
 Type: Composite (Simple)  
 A - P1 500ml HNO3

Date: 1-8-19  
 Time: 0800

Relinquished By: Mike Sigan 1-8-19 Date/Time

Received By: [Signature] 1/8/19 1035 Date/Time

Received at Laboratory By: [Signature] 1/8/19 1347 Date/Time

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	NA
Samples on Ice?	YES
Approved By:	<u>[Signature]</u>
Entered By:	<u>[Signature]</u>

The Client, by signing (or having the client's agent sign), agrees to MORA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.



**M.J. Reider Associates, Inc.**

**MJRA Terms & Conditions**

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses. COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred).

**Sample Submission, Sample Acceptance & Sampling Containers**

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

**Turnaround Times (TAT)**

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (\*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. \*RUSH TAT Surcharges are applied for expedited turnaround times.

**Analytical Results, Sample Collection Integrity & Subcontracting**

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

**Payment Terms**

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:

Bradley Griffiths  
Project Manager



107 Angelica Street ◊ Reading, PA 19611 ◊ www.mjreider.com ◊ (610) 374-5129 ◊ fax (610) 374-7234

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NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

February 7, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for January 2019. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
January 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for January 2019

Wastewater Plant

Average Daily Flow: 51,300 gallons. Peak Daily Flow: 72,400 gallons.

Sludge Hauled: 37,800 gallons

Sodium Hypochlorite was delivered: 285 gallons

There were no violations during the month.

Sugar is being added as a food supplement when lower than average flows are experienced.

On January 3<sup>rd</sup> there was a high level alarm for the equalization tank. The #2 pump was blocked with rags and debris. The blockage was removed and the system is working properly.

January 10<sup>th</sup> the #1 equalization pump failed due to a bad contactor. A new contactor was installed and the pump is back in service.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

March 7, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for February 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for February 2019. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthehelpdesk@state.pa.us  
**Sent:** Thursday, March 14, 2019 9:10 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 02/01/2019-02/28/2019  
**Report Due Date:** 03/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 139986  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 02/01/2019  
DMR Effective To: 02/28/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	TO
2019	02	01	28

PARAMETERS REPORTED VALUES

PARAMETER	SAMPLING FREQUENCY	SAMPLING TYPE	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		UNITS
			VALUE	UNITS	VALUE	VALUE	
Dissolved Oxygen (00300)	1/day	Grab	7.5	***	***	***	mg/L
			5.0	Inst Min	***	***	mg/L
pH (00400)	1/day	Grab	6.4	***	8.0	***	S.U.
			6.0	Inst Min	9.0	IMAX	S.U.
Total Suspended Solids (00500)	1/week	24-Hr Composite	4	lb/day	10	***	mg/L
			.25	Avg Mo	30	Avg Mo	mg/L
Total Nitrogen (00600)	1/week	24-Hr Composite	***	***	21.4	***	mg/L
			***	***	Monitor & Report	Avg Mo	mg/L
Ammonia-Nitrogen (00610)	1/week	24-Hr Composite	.15	***	.04	***	mg/L
			5.0	Avg Mo	6.0	Avg Mo	mg/L
Total Phosphorus (00650)	1/week	24-Hr Composite	.1	lb/day	.3	***	mg/L
			1.7	Avg Mo	1.20	Avg Mo	mg/L
Flow (80050)	Continuous	Recorded	.05182	MGD	***	***	***
			Monitor & Report	Daily Max	***	***	***
Total Residual Chlorine (TRC) (80060)	1/day	Grab	***	***	.04	***	mg/L
			***	***	.05	Avg Mo	mg/L
Fecal Coliform (70055)	1/week	Grab	***	***	29	***	CFU/100 ml
			***	***	1000	IMAX	CFU/100 ml
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	1/week	24-Hr Composite	3	***	8	***	mg/L
			***	***	25	Avg Mo	mg/L
Facility Sampling Point Comments							



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill Farm Supp S form February 2018.xls	Daily Effluent Monitoring Form	2018-02-12T10:18:15-05:00	
Springhill DMR lab accessed February 2018.doc	Laboratory Accreditation Form	2018-03-08T07:38:50-05:00	
Springhill Farm Solids Disposal Form February 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2018-03-08T07:38:50-05:00	
Springhill Farm Analytical February 2018.pdf	Laboratory Analytical Report	2018-03-12T10:11:42-04:00	
Springhill Farm Subcontract Analytical February 2018.pdf	Laboratory Analytical Report	2018-03-12T10:12:20-04:00	
Springhill DEP Cover Ltr. February 2018.doc	Cover Letter	2018-02-09T07:37:39-05:00	
Springhill Farm Influent and Process Control Form February 2018.xls	Influent and Process Control Form	2018-03-08T07:49:49-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gobar	T1338	(484)844-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE	DATE
gobers	(484) 844-2175	2019
	AREA CODE NUMBER	YEAR
		MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

**DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)**  
 Month: **February-19**

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															8.0	0.01	0.06	10.7	0.04490	0.0	
2															7.6	0.07	0.07	10.0	0.06570	0.0	
3															7.2	0.03	0.03	10.3	0.04460	0.0	
4															7.4	0.05	0.05	7.5	0.04950	0.0	
5															7.0	0.04	0.04	8.6	0.03480	0.5	
6			4	1	10	3	0.5	0.15	0.1	0.04	365	25.5		6.5	0.04	0.04	9.6	0.04600	0.0		
7														6.9	0.05	0.05	10.6	0.06350	0.0		
8														6.7	0.03	0.03	8.4	0.04320	0.0		
9														7.3	0.02	0.02	8.9	0.05470	0.1		
10														7.4	0.08	0.08	9.6	0.03430	0.0		
11														7.2	0.04	0.04	10.2	0.05770	1.5		
12	310	129	5	2	11	5	0.5	0.24	0.3	0.17	9	20.2		7.3	0.05	0.05	8.8	0.05380	0.0		
13														6.8	0.04	0.04	8.9	0.06580	0.0		
14														7.5	0.04	0.04	9.8	0.07530	0.0		
15														7.3	0.06	0.06	9.8	0.05360	0.0		
16														7.0	0.07	0.07	11.0	0.06070	0.3		
17														7.3	0.04	0.04	10.2	0.04690	0.0		
18														7.9	0.04	0.04	7.8	0.04300	0.0		
19														7.3	0.01	0.01	8.8	0.04660	0.7		
20			20	8	6	2	0.1	0.04	0.4	0.14	22	18.2		6.4	0.01	0.01	8.0	0.05580	0.0		
21														7.6	0.03	0.03	9.0	0.06120	0.0		
22														7.7	0.04	0.04	8.8	0.06090	0.5		
23														7.5	0.07	0.07	10.1	0.05710	0.0		
24														6.9	0.06	0.06	10.1	0.04430	0.3		
25														7.3	0.05	0.05	11.4	0.05350	0.0		
26														7.5	0.06	0.06	13.1	0.04140	0.0		
27														7.3	0.05	0.05	13.8	0.04590	3.0		
28			4	2	11	4	0.5	0.19	0.4	0.15	10	21.6		6.7	0.05	0.05					
29																					
30																					
31																					
Min																					
Max																					
Avg:			8	3	10	4	0.4	0.15	0.3	0.1	29	21.4	#DIV/0!	8.0	0.08	0.04		0.07530	0.05182		

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0052230				19	02	01	TO 19 02 28
PARAMETER		ANALYSIS METHOD		LAB NAME		LAB ID NUMBER <sup>2</sup>	
cBOD5		S5210B-11		DELCORA		23-00671	
TSS		S2540D-11		DELCORA		23-00671	
Fecal Coliform		Colilert18/Quantitray		DELCORA		23-00671	
Ammonia Nitrogen		EPA -350.1/ASTM D6919-03		DELCORA/ MJ Reider		23-00671/ 06-00003	
TDS		S2540C-11		DELCORA		23-00671	
Total Phosphorous		SM-4500-P-E		DELCORA/ MJ Reider		23-00671/ 06-00003	
Dissolved Oxygen		Meter		DELCORA- Operations Meter		23-00671	
TRC & pH		Meter		DELCORA- Operations Meter		23-00671	
TKN		HACH 10242/EPA 351.2		DELCORA/ MJ Reider		23-00671/ 06-00003	
Total Copper		EPA 200.7		MJ Reider		06-00003	
Total Nitrogen		Calculation		DELCORA		23-00671	
Nitrite + Nitrate		HACH 10206/SM4500-H+B		DELCORA/ MJ Reider		23-00671/ 06-00003	

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 3/5/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: February      Year: 2019  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G  
 NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control		
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0449					3,060.0	10.2	2,250.0
2	0.0462						7.9	2,250.0
3	0.0657					2,930.0	6.9	4,500.0
4	0.0446						6.5	4,500.0
5	0.0495					2,950.0	5.3	4,500.0
6	0.0348						7.1	2,250.0
7	0.046						6.2	4,500.0
8	0.0635					2,350.0	7.7	4,500.0
9	0.0432						5.1	4,500.0
10	0.0547						6.0	4,500.0
11	0.0343					2,670.0	7.1	4,500.0
12	0.0577	310.0	149	129.0	62		6.9	3,375.0
13	0.0538					2,220.0	7.3	2,490.0
14	0.0658						5.3	2,250.0
15	0.0753						7.7	2,250.0
16	0.0536					2,240.0	4.4	2,250.0
17	0.0607						5.4	2,250.0
18	0.0469					2,670.0	4.2	4,500.0
19	0.043						6.2	3,375.0
20	0.0466					2,814.0	6.8	2,250.0
21	0.0558						5.7	4,500.0
22	0.0612					2,410.0	6.1	4,500.0
23	0.0609						5.4	3,750.0
24	0.0571					2,290.0	5.8	3,750.0
25	0.0443						4.0	2,250.0
26	0.0535					2,420.0	6.0	2,250.0
27	0.0414						7.3	2,250.0
28	0.0459						9.1	2,250.0
29								
30								
31								
Avg	0.052	310	149	129	62	2,585	6	3,330
Max	0.075	310	149	129	62	3,050	10	4,500

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 3/5/2019

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



**DELCORA**  
The Delaware County  
Regional Water Quality  
Control Authority

Date	21201 SF Influent BOD5 Daily Avg mg/l	21203 SF Influent TSS Daily Avg mg/l	21200 SF Effluent CBOD5 Daily Avg mg/l	21204 SF Effluent TSS Daily Avg mg/l	21207 SF Effluent NH3 Ammonia Daily Avg mg/l	21208 SF Effluent Phos, Total Daily Avg mg/l	21202 SF Effluent Fecal Coliform Daily Avg count/100ml	21219 SF Effluent NO2 Nitrite Daily Avg mg/l	21218 SF Effluent NO3 Nitrate Daily Avg mg/l	21215 SF Effluent TKN Daily Avg mg/l
Feb 1, 2019										
Feb 2, 2019										
Feb 3, 2019										
Feb 4, 2019										
Feb 5, 2019			4	10.3 <	0.50	0.149	365 <	0.050 (1)	20.28 (2)	5.190
Feb 6, 2019										
Feb 7, 2019										
Feb 8, 2019										
Feb 9, 2019										
Feb 10, 2019										
Feb 11, 2019	310	129 (3)	5	11.4 <	0.50	0.348	9 <	0.050 (4)	17.91 (5)	2.240
Feb 12, 2019										
Feb 13, 2019										
Feb 14, 2019										
Feb 15, 2019										
Feb 16, 2019										
Feb 17, 2019										
Feb 18, 2019										
Feb 19, 2019										
Feb 20, 2019			20	5.9 (6) <	0.10 (7)	0.350	22 (8) <	0.200 (9)	16.50 (10)	1.500
Feb 21, 2019										
Feb 22, 2019										
Feb 23, 2019										
Feb 24, 2019										
Feb 25, 2019										
Feb 26, 2019										
Feb 27, 2019										
Feb 28, 2019										
Count	1	1	4	4	4	4	4	4	4	4
Maximum	310	129	20	11.4	0.50	0.388	365	0.200	20.28	5.190
Minimum	310	129	4	5.9	0.10	0.149	9	0.050	16.50	1.500
Average	310	129	8	9.5	0.40	0.309	102	0.087	18.14	3.148
Total	310	129	33	38.1	1.60	1.235	406	0.350	72.54	12.590

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



**DEL CORA**  
The Delaware County  
Regional Water Quality  
Control Authority

Date	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF Influent BOD5	SF Influent TSS	SF Effluent CBOD5	SF Effluent TSS	SF Effluent NH3 Ammonia	SF Effluent Phos, Total	SF Effluent Fecal Coliform	SF Effluent NO2 Nitrite	SF Effluent NO3 Nitrate	SF Effluent TKN
	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg count/100ml	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l

**Comments:**

- (1) Result qualified. Sample diluted prior to analysis. (7) MJR
- TPB
- (2) Result qualified. Sample diluted prior to analysis. (8) MJR
- TPB
- (3) Control out of spec - Low (9) MJR

BB

- (4) Result qualified. Sample diluted prior to analysis. (10) MJR
- (5) Sample diluted before analysis. Result qualified. (11) Result qualified. Sample diluted prior to analysis. Duplicate was not performed on the batch. TPB

(6) MJR

- (12) Result qualified. Sample diluted prior to analysis. TPB

(13) MJR

# Lab Report for Springhill Farm

Influent & Effluent DMR Data  
Lab Certification No: 23-00671



Date	21209 SF Effluent Nitrogen, Total Calculated Daily Avg mg/l	21216 SF Effluent Copper (Cu) Daily Avg mg/l	21217 SF Effluent TDS Daily Avg mg/l
Feb 1, 2019			
Feb 2, 2019			
Feb 3, 2019			
Feb 4, 2019			
Feb 5, 2019			
Feb 6, 2019 <	25.5		
Feb 7, 2019			
Feb 8, 2019			
Feb 9, 2019			
Feb 10, 2019			
Feb 11, 2019			
Feb 12, 2019 <	20.2		
Feb 13, 2019			
Feb 14, 2019			
Feb 15, 2019			
Feb 16, 2019			
Feb 17, 2019			
Feb 18, 2019			
Feb 19, 2019			
Feb 20, 2019 (13) <	18.2		
Feb 21, 2019			
Feb 22, 2019			
Feb 23, 2019			
Feb 24, 2019			
Feb 25, 2019			
Feb 26, 2019			
Feb 27, 2019			
Feb 28, 2019 <	21.6		
Count	4	0	0
Maximum	25.5		
Minimum	18.2		
Average	21.4		
Total	85.5		

Comments:  
(13) MJR



# Certificate of Analysis

**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

**Laboratory No.:** 8038755

**Report:** 02/27/19

**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Krause  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 8038755-01    **Collected By:** Client  
**Sample Desc:** Springhill Effluent

**Sampled:** 02/20/19 07:03    **Received:** 02/20/19 13:55  
**Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	02/21/19		APR
Nitrate as N	16.5	mg/l	2.00	EPA 300.0 Rev 2.1	02/20/19 15:53		MRW
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	02/20/19 15:53		MRW
Nitrogen, Total Kjeldahl (TKN)	1.50	mg/l	0.50	EPA 351.2	02/27/19		RES
Phosphorus as P, Total	0.35	mg/l	0.05	SM 4500-P E	02/21/19		JCL



107 Angelica Street • Reading, PA 19611 • [www.mjreider.com](http://www.mjreider.com) • (610) 374-5129 • fax (610) 374-7234

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NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current  
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.

8038755



**WORK ORDER**  
Chain of Custody

**M.J. Reider Associates, Inc.**  
107 Angelica St, Reading PA, 19611  
610-374-5129 www.mjreider.com

Client: DELCORA  
Project: Springhill EFF

Client Code: 2639  
Project Manager: Bradley Griffiths  
Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016  
Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Project Notes: Mike Krause - Office (610) 876-5523 x 218 -  
Cell (610) 633-4002

Comments:

Collected By: *Matthew Segars*

Matrix: Non-Potable Water  
Type: Composite (Simple)  
A - PI 500ml H2SO4  
B - PI 250ml NP

8038755-01 Springhill Effluent  
NO2-N EPA 300.0, NO3-N EPA 300.0  
NH3-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Date: 2-20-19  
Time: 0703

Time added per  
m:ibc conversation  
RAB  
2/22/19

\* no c/T  
on bottle  
ab  
2/20/19

Relinquished By: *Matthew Segars* Date/Time: 2-20-19  
Received By: *[Signature]* Date/Time: 2-20-19 0940  
Relinquished By: *[Signature]* Date/Time: 2-20-19 1355  
Received at Laboratory By: *[Signature]* Date/Time: 2-20-19 1355

Sample Kit Prepared By:	Date/Time
Sample Temp (°C): Samples on Ice? Approved By:	2-6 Yes No NA <i>[Signature]</i>
Entered By:	<i>[Signature]</i>

The Client, by signing (or having the client's agent sign), agrees to MIRA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.

**M.J. Reider Associates, Inc.**

**MJRA Terms & Conditions**

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses. COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred).

**Sample Submission, Sample Acceptance & Sampling Containers**

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

**Turnaround Times (TAT)**

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (\*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. \*RUSH TAT Surcharges are applied for expedited turnaround times.

**Analytical Results, Sample Collection Integrity & Subcontracting**

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

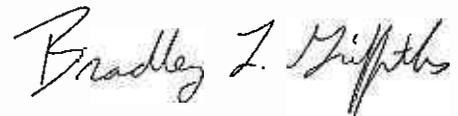
**Payment Terms**

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

March 7, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for February 2019. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
February 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for February 2019

Wastewater Plant

Average Daily Flow: 51,820 gallons. Peak Daily Flow: 75,300 gallons.

Sludge Hauled: 48,400 gallons

Sodium Hypochlorite was delivered: 180 gallons

There were no violations during the reporting period.

Sugar is being added as a food supplement when lower than average flows are experienced.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

April 8, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for March 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for March 2019. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:bab  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Bonnett, Barbara**

---

**From:** depgreenporthehelpdesk@state.pa.us  
**Sent:** Thursday, April 18, 2019 10:01 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 03/01/2019-03/31/2019  
**Report Due Date:** 04/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 144398  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WHITE ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052290  
PERMIT NUMBER

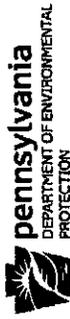
001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 03/01/2019  
DMR Effective To: 03/31/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	YEAR MO DAY
2019	03	01	2019 03 31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Sample Measurement Dissolved Oxygen (00300)	6.8	mg/L	5.0 Inst Min	mg/L	1/day	Grab
Permit Requirement	6.5		6.5		1/day	Grab
Sample Measurement pH (00400)	8.3		8.3	S.L.	1/day	Grab
Permit Requirement	8.0		8.0	S.L.	1/day	Grab
Sample Measurement Total Suspended Solids (00500)	2	lb/day	6	mg/L	1/week	24-Hr Composite
Permit Requirement	25		30 Avg Mo		1/week	24-Hr Composite
Sample Measurement Total Nitrogen (00600)	<17		<15 Monitor & Report Avg Mo	mg/L	1/week	24-Hr Composite
Permit Requirement	5.0		6.0 Avg Mo		1/week	24-Hr Composite
Sample Measurement Ammonia-Nitrogen (00610)	2	lb/day	2.0 Avg Mo	mg/L	1/week	24-Hr Composite
Permit Requirement	1.7		2.0 Avg Mo		1/week	24-Hr Composite
Sample Measurement Total Phosphorus (00655)	.05393	MGD	.05393 Monitor & Report Daily Max	mg/L	Continuous	Recorded
Permit Requirement	.08140		.08140 Avg Mo		Continuous	Recorded
Sample Measurement Flow (50050)	.04		.04	mg/L	1/day	Grab
Permit Requirement	.05		.05 Avg Mo		1/day	Grab
Sample Measurement Total Residual Chlorine (TRC) (50060)	24		24 MAX		1/week	Grab
Permit Requirement	11		11	CFU/100 ml	1/week	Grab
Sample Measurement Fecal Coliform (74650)	200		200 MAX		1/week	Grab
Permit Requirement	4		4	mg/L	1/week	24-Hr Composite
Sample Measurement Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	21		25 Avg Mo		1/week	24-Hr Composite
Permit Requirement	1		1		1/week	24-Hr Composite
Facility sampling Point Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cover/Lt. March 2019.doc	Cover Letter	2019-04-08T13:46:34-04:00	
Springhill Farm Supp. S form March 2019.xls	Daily Effluent Monitoring Form	2019-04-08T13:50:03-04:00	
Springhill DMR Lab record March 2019.doc	Laboratory Accreditation Form	2019-04-08T13:48:21-04:00	
Springhill Farm Influent and Process Control Form March 2019.xls	Influent and Process Control Form	2019-04-08T14:02:49-04:00	
Springhill Farm Solids Disposal Form March 2018.xls	Sewage Sludge / Biosolids Production and Disposal Form	2019-04-08T14:03:55-04:00	
Springhill Subcontract Analytical March 6, 2019.pdf	Laboratory Analytical Report	2019-04-08T14:10:01-04:00	
Springhill Analytical March 2019.pdf	Laboratory Analytical Report	2019-04-08T14:09:11-04:00	
Springhill Subcontract Analytical March 13, 2019.pdf	Laboratory Analytical Report	2019-04-08T14:13:46-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Event Location	Permit Limit	Unit	Sampling Point	Cause of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Parameter	Reported Value	Permit Limit	Unit	Sampling Point	Response Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gobler	T1938	(484) 344-3175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE			DATE	
	AREA CODE	NUMBER	YEAR	MO	DAY
goblers	(484)	844-2175	2019	4	18
	SUBMITTED BY FULL NAME		AREA CODE	NUMBER	YEAR
	Stan Gobler				
	SUBMITTED BY FULL NAME		AREA CODE	NUMBER	YEAR

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

**DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)**  
**February-19**

Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342

NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Influent		Effluent													Rainfall					
Date	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Rainfall Inches
1															7.6	0.05	0.05	14.1	0.04730	0.5
2															7.0	0.02	0.02	9.6	0.06000	0.0
3															8.2	0.03	0.03	8.7	0.08140	2.0
4															6.8	0.01	0.01	8.6	0.05300	0.0
5															6.9	0.03	0.03	6.8	0.04670	0.0
6			4	2	8	4	0.5	0.24	0.4	0.17	5	10.3			7.9	0.00	0.00	8.0	0.05810	0.0
7															7.5	0.02	0.02	8.2	0.05040	0.0
8															7.3	0.05	0.05	8.3	0.05270	0.0
9															7.5	0.04	0.04	8.2	0.05490	0.5
10															7.0	0.01	0.01	8.7	0.06400	0.2
11															7.1	0.06	0.06	11.2	0.06400	0.0
12															7.3	0.08	0.05	10.8	0.04280	0.0
13			4	2	5	2	0.1	0.04	0.4	0.15	136	14.9			7.0	0.05	0.05	11.8	0.04810	0.0
14															7.1	0.05	0.05	11.9	0.04860	0.0
15															7.0	0.05	0.05	11.4	0.04890	0.4
16															7.3	0.04	0.04	13.2	0.06150	0.0
17															6.5	0.05	0.05	11.2	0.05960	0.0
18															8.3	0.03	0.03	11.9	0.06060	0.0
19	308	215	3	1	3	1	0.5	0.19	0.4	0.13	10	15.5			7.9	0.01	0.01	12.7	0.04520	0.0
20															6.8	0.01	0.01	11.6	0.05140	0.0
21															6.9	0.05	0.05	9.2	0.05490	1.8
22															8.0	0.06	0.03	10.2	0.07060	0.0
23															7.4	0.04	0.04	9.5	0.05720	0.0
24															7.0	0.03	0.03	8.6	0.05130	0.0
25															7.4	0.06	0.06	7.3	0.05010	0.4
26															7.1	0.05	0.05	8.5	0.04750	0.0
27			3	1	7	3	0.5	0.20	0.6	0.26	2	19.2			6.9	0.04	0.04	8.8	0.04820	0.0
28															7.2	0.04	0.04	9.8	0.04160	0.0
29															7.1	0.04	0.04	12.1	0.04890	0.0
30															7.0	0.04	0.04	9.2	0.05380	0.0
31															6.6	0.05	0.05	8.5	0.04840	0.3
Min											136				6.5			6.8		
Max											11	15.0	#DIV/0!	#DIV/0!	8.3	0.08			0.08140	
Avg:			4	1	6	2	0.4	0.17	0.4	0.2	11	15.0	#DIV/0!	#DIV/0!			0.04		0.05393	

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC  
 Telephone 610-876-5523

Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>							
Address: <u>Springhill Drive</u>							
<u>Glen Mills, PA 19342</u>							
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day			
PA0052230				19	03	01	TO 19 03 31
<b>PARAMETER</b>		<b>ANALYSIS METHOD</b>		<b>LAB NAME</b>		<b>LAB ID NUMBER<sup>2</sup></b>	
cBOD5		S5210B-11		DELCORA		23-00671	
TSS		S2540D-11		DELCORA		23-00671	
Fecal Coliform		Colilert18/Quantitray		DELCORA		23-00671	
Ammonia Nitrogen		EPA -350.1/ASTM D6919-03		DELCORA/ MJ Reider		23-00671/ 06-00003	
TDS		S2540C-11		DELCORA		23-00671	
Total Phosphorous		SM-4500-P-E		DELCORA/ MJ Reider		23-00671/ 06-00003	
Dissolved Oxygen		Meter		DELCORA- Operations Meter		23-00671	
TRC & pH		Meter		DELCORA- Operations Meter		23-00671	
TKN		HACH 10242/EPA 351.2		DELCORA/ MJ Reider		23-00671/ 06-00003	
Total Copper		EPA 200.7		MJ Reider		06-00003	
Total Nitrogen		Calculation		DELCORA		23-00671	
Nitrite + Nitrate		HACH 10206/SM4500-H+B		DELCORA/ MJ Reider		23-00671/ 06-00003	

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.

Name/Title Principal Executive Officer      Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&M      Date: 4/3/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.

# Lab Report for Springhill Farm

## Influent & Effluent DMR Data

Lab Certification No: 23-00671



Date	21201 SF Influent BOD5 Daily Avg mg/l	21203 SF Influent TSS Daily Avg mg/l	21200 SF Effluent CBOD5 Daily Avg mg/l	21204 SF Effluent TSS Daily Avg mg/l	21207 SF Effluent NH3 Ammonia Daily Avg mg/l	21208 SF Effluent Phos, Total Daily Avg mg/l	21202 SF Effluent Fecal Coliform Daily Avg count/100ml	21219 SF Effluent NO2 Nitrite Daily Avg mg/l	21218 SF Effluent NO3 Nitrate Daily Avg mg/l	21215 SF Effluent TKN Daily Avg mg/l
Mar 1, 2019										
Mar 2, 2019										
Mar 3, 2019										
Mar 4, 2019										
Mar 5, 2019										
Mar 6, 2019		(1)	4	7.5 <	0.50 (2)	0.360	5 <	0.050 (3)	7.80 (4)	2.480
Mar 7, 2019										
Mar 8, 2019										
Mar 9, 2019										
Mar 10, 2019										
Mar 11, 2019										
Mar 12, 2019										
Mar 13, 2019										
Mar 14, 2019										
Mar 15, 2019										
Mar 16, 2019										
Mar 17, 2019										
Mar 18, 2019										
Mar 19, 2019	308	215	3	2.8 <	0.50	0.354	10 <	0.050 (10)	13.24 (11)	2.240
Mar 20, 2019										
Mar 21, 2019										
Mar 22, 2019										
Mar 23, 2019										
Mar 24, 2019										
Mar 25, 2019										
Mar 26, 2019										
Mar 27, 2019										
Mar 28, 2019										
Mar 29, 2019										
Mar 30, 2019										
Mar 31, 2019										
Count	1	1	4	4	4	4	4	4	4	4
Maximum	308	215	4	7.5	0.50	0.639	136	0.200	15.46	3.640
Minimum	308	215	3	2.8	0.10	0.354	2	0.050	7.80	1.680
Average	308	215	4	5.6	0.40	0.431	38	0.087	12.38	2.510
Total	308	215	14	22.5	1.60	1.723	153	0.350	49.50	10.040

**Lab Report for Springhill Farm**  
**Influent & Effluent DMR Data**  
**Lab Certification No: 23-00671**



Date	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF
	Influent BOD5	Influent TSS	Effluent CBOD5	Effluent TSS	Effluent NH3 Ammonia	Effluent Phos, Total	Effluent Fecal Coliform	Effluent NO2 Nitrite	Effluent NO3 Nitrate	Effluent TKN
	Daily Avg mg/l	Daily Avg mg/l	Daily Avg count/100ml	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l				

**Comments:**

- (1) GGA STD out of spec low. Result qualified.
- (2) MJR
- (3) Sample diluted prior to analysis. Result qualified.
- (4) Sample diluted prior to testing. Result qualified.
- (5) MJR
- (6) MJR
- (7) MJR
- (8) MJR
- (9) MJR
- (10) Sample diluted prior to analysis. Result qualified.
- (11) Sample diluted prior to testing. Result qualified.
- (12) Control is low out of spec. Results are qualified.
- (13) Result qualified. Sample diluted prior to analysis.
- (14) LOW CCV > 120% Blank high. Sample diluted prior to analysis. Result qualified.
- (15) MJR

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



Date	21209 SF Effluent Nitrogen, Total Calculated Daily Avg mg/l	21216 SF Effluent Copper (Cu) Daily Avg mg/l	21217 SF Effluent TDS Daily Avg mg/l
Mar 1, 2019			
Mar 2, 2019			
Mar 3, 2019			
Mar 4, 2019			
Mar 5, 2019			
Mar 6, 2019 <	10.3		
Mar 7, 2019			
Mar 8, 2019			
Mar 9, 2019			
Mar 10, 2019			
Mar 11, 2019			
Mar 12, 2019			
Mar 13, 2019 (15) <	14.9		
Mar 14, 2019			
Mar 15, 2019			
Mar 16, 2019			
Mar 17, 2019			
Mar 18, 2019			
Mar 19, 2019 <	15.5		
Mar 20, 2019			
Mar 21, 2019			
Mar 22, 2019			
Mar 23, 2019			
Mar 24, 2019			
Mar 25, 2019			
Mar 26, 2019			
Mar 27, 2019 <	19.2		
Mar 28, 2019			
Mar 29, 2019			
Mar 30, 2019			
Mar 31, 2019			
Count	4	0	0
Maximum	19.2		
Minimum	10.3		
Average	15.0		
Total	59.9		

Comments:  
(15) MJR



**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

# Certificate of Analysis

Laboratory No.: 9008172

Report: 03/14/19

Lab Contact: Bradley T Griffiths

Attention: Michael Krause  
Reported To: DELCORA  
P.O. Box 999  
Chester, PA 19016

Project Info: Springhill EFF

Lab ID: 9008172-01      Collected By: Client      Sampled: 03/06/19 06:30      Received: 03/12/19 14:53  
Sample Desc: Springhill      Sample Type: Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
General Chemistry							
Phosphorus as P, Total	0.36	mg/l	0.05	SM 4500-P E	03/13/19		JCL



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**MJRA Terms & Conditions**

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**Sample Submission, Sample Acceptance & Sampling Containers**

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

**Turnaround Times (TAT)**

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (\*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. \*RUSH TAT Surcharges are applied for expedited turnaround times.

**Analytical Results, Sample Collection Integrity & Subcontracting**

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

**Payment Terms**

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

# Certificate of Analysis

<b>Laboratory No.:</b> 9006748
<b>Report:</b> 03/18/19
<b>Lab Contact:</b> Bradley T Griffiths

**Attention:** Michael Krause  
**Reported To:** DELCORA  
 P.O. Box 999  
 Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 9006748-01     **Collected By:** Client  
**Sample Desc:** Springhill Effluent

**Sampled:** 03/13/19 07:10     **Received:** 03/13/19 15:45  
**Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	03/14/19		APR
Nitrate as N	13.0	mg/l	2.00	EPA 300.0 Rev 2.1	03/13/19 18:39		MRW
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	03/13/19 18:39		MRW
Nitrogen, Total Kjeldahl (TKN)	1.68	mg/l	0.50	EPA 351.2	03/18/19		RES
Phosphorus as P, Total	0.37	mg/l	0.05	SM 4500-P E	03/15/19		JCL



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**M.J. Reider Associates, Inc.**  
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 610-374-5129 www.mjreider.com

**WORK ORDER**  
**Chain of Custody**

Client: DELCORA  
 Project: Springhill EFF

Client Code: 2639  
 Project Manager: Bradley T Griffiths  
 Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016  
 Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

9006748



Project Notes: Mike Krause - Office (610) 876-5523 x 218  
 Cell (610) 633-4002

Comments:

Collected By: Delcora

9006748-01 Springhill Effluent

NO<sub>2</sub>-N EPA 300.0, NO<sub>3</sub>-N EPA 300.0  
 NH<sub>3</sub>-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Matrix: Non-Potable Water  
 Type: Composite (Simple)  
 A - PI 500ml H<sub>2</sub>SO<sub>4</sub>  
 B - PI 250ml NP

Date: 3-13-19  
 Time: 0710

Relinquished By: Mike Dugane Date/Time: 3-12-19  
 Received By: [Signature] Date/Time: 3-13-19 12:05  
 Relinquished By: [Signature] Date/Time: 3-13-19 1:59  
 Received at Laboratory By: [Signature] Date/Time: 3-13-19 1:59

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	3.0
Samples on Ice?	Yes No NA
Approved By:	<u>[Signature]</u>
Entered By:	<u>[Signature]</u>
Report Template	
Page 2 of 3	

The Client, by signing (or having the client's agent sign), agrees to MIRA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.

**M.J. Reider Associates, Inc.**

**MJRA Terms & Conditions**

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**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: March      Year: 2019  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      County: Delaware  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0473						9.6	2,250.0		
2	0.06					2,450.0	7.3	2,250.0		
3	0.0814						4.8	2,250.0		
4	0.053					2,460.0	2.5	2,250.0		
5	0.0467					2,460.0	5.8	2,250.0		
6	0.0581						6.3	3,750.0		
7	0.0504						5.6	2,250.0		
8	0.0527					2,660.0	4.9	2,250.0		
9	0.0549						5.3	4,500.0		
10	0.064						3.4	4,500.0		
11	0.064						5.2	2,250.0		
12	0.0428						6.9	2,250.0		
13	0.0481					2,770.0	8.5	2,250.0		
14	0.0486						8.9	2,250.0		
15	0.0489						7.5	3,000.0		
16	0.0615						7.3	2,500.0		
17	0.0516						7.1	1,500.0		
18	0.0606					2,680.0	6.1	1,500.0		
19	0.045	308.0	116	215.0	81		6.1	1,500.0		
20	0.0514					2,680.0	4.3	4,500.0		
21	0.0549						3.2	4,500.0		
22	0.0706						5.1	4,500.0		
23	0.0572					2,360.0	4.4	4,500.0		
24	0.0513						4.5	2,250.0		
25	0.0501					2,590.0	2.3	2,250.0		
26	0.0475						3.5	2,250.0		
27	0.0482					1,880.0	5.4	4,500.0		
28	0.0416						4.2	2,250.0		
29	0.0489					2,270.0	6.4	600.0		
30	0.0538						4.8	600.0		
31	0.0484						2.9	2,250.0		
Avg	0.054	308	116	215	81	2,478	5	2,660		
Max	0.081	308	116	215	81	2,770	10	4,500		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 4/3/2019



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

April 18, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for March 2019. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:bab  
enclosures

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
March 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for March 2019

Wastewater Plant

Average Daily Flow: 53,930 gallons. Peak Daily Flow: 81,400 gallons.

Sludge Hauled: 41,000 gallons

Sodium Hypochlorite was delivered: 200 gallons

Sodium Thiosulfate was delivered: 40 bags

There were no violations during the reporting period.

Sugar is being added as a food supplement when lower than average flows are experienced.

One of the decant pumps and corresponding hose in the sludge holding tank was blocked with an excessive amount of debris. It took several hours to free the pump and decant line. The system is working properly.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

May 3, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for April 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for April 2019. There were no violations during the month.

Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, May 16, 2019 10:23 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 04/01/2019-04/30/2019  
**Report Due Date:** 05/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 148313  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 755, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PERMIT NUMBER:  
PA0452230

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 04/01/2019  
DMR Effective To: 04/30/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD							
YEAR	MO	DAY	YEAR	MO	DAY		
FROM	2019	04	01	TO	2019	04	30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
Dissolved Oxygen (00300)	Sample Measurement	***	***	7.2	***	***	1/day	Grab
	Permit Requirement	***	***	5.0	Inst Min	***	1/day	Grab
pH (00400)	Sample Measurement	***	***	6.6	***	7.5	1/day	Grab
	Permit Requirement	***	***	6.0	Inst Min	IMAX	1/day	Grab
Total Suspended Solids (00500)	Sample Measurement	4	body	***	***	***	1/week	24-Hr Composite
	Permit Requirement	25	***	***	30	***	1/week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	***	***	***	Monitor & Report	***	1/week	24-Hr Composite
	Permit Requirement	***	***	***	Avg Mo	<22.4	1/week	24-Hr Composite
Ammonia-Nitrogen (00810)	Sample Measurement	5.12	body	***	***	***	1/week	24-Hr Composite
	Permit Requirement	5.0	***	***	6.0	***	1/week	24-Hr Composite
Total Phosphorus (00655)	Sample Measurement	1.7	body	***	5	***	1/week	24-Hr Composite
	Permit Requirement	0.4650	MGD	***	2.0	***	1/week	24-Hr Composite
Flow (50150)	Sample Measurement	0.6650	MGD	***	***	***	Continuous	Recorded
	Permit Requirement	Monitor & Report	Daily Max	***	***	***	Continuous	Recorded
Total Residual Chlorine (TRC) (60660)	Sample Measurement	***	***	***	06	10	1/day	Grab
	Permit Requirement	***	***	***	06	14	1/day	Grab
Fecal Coliform (74035)	Sample Measurement	***	***	***	200	1000	1/week	Grab
	Permit Requirement	***	***	***	2	IMAX	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (60362)	Sample Measurement	2	body	***	4	***	1/week	24-Hr Composite
	Permit Requirement	21	***	***	25	***	1/week	24-Hr Composite
Facility sampling Point Comments								



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Updated Time	Attachment Comments
Springhill Farm Influent and Process Control Form April 2019.xls	Influent and Process Control Form	2019-05-16T10:22:02-04:00	
Springhill DEP Cover Lr. April 2019.doc	Cover Letter	2019-05-08T13:23:11-04:00	
Springhill Analytical April 2019.pdf	Laboratory Analytical Report	2019-05-08T13:23:48-04:00	
Springhill Subcontract Analytical April 9, 2019.pdf	Laboratory Analytical Report	2019-05-08T13:25:26-04:00	
Springhill Subcontract Analytical April 17, 2019.pdf	Laboratory Analytical Report	2019-05-08T13:26:11-04:00	
Springhill Farm Super S form April 2019.xls	Daily Effluent Monitoring Form	2019-05-08T13:28:34-04:00	
Springhill Farm Solids Disposal Form April 2019.xls	Sewage Sludge / Biosolids Production and Disposal Form	2019-05-08T13:28:59-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gpi)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Sanley, J Gobler	TI 939	(484) 344-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE	DATE
gobers	Stan Gobler (484) 844-2175	2019 5 16
	SUBMITTED BY FULL NAME	YEAR MO DAY
	AREA CODE NUMBER	YEAR MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 89, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting critical information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

April-19

Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Influent		Effluent														Rainfall					
Date	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD	Rainfall Inches	
1															7.0	0.06	0.06	8.8	0.053350	0.0	
2															7.0	0.01	0.01	9.1	0.03390	0.0	
3			6	3	17	8	0.5	0.23	0.9	0.41	1	24.8	0.016	516	7.1	0.06	0.01	7.6	0.05500	0.0	
4															6.8	0.03	0.03	8.2	0.04510	0.0	
5															6.8	0.07	0.07	9.4	0.04790	0.1	
6															7.4	0.01	0.01	8.6	0.04420	0.0	
7															7.4	0.08	0.08	8.7	0.04370	0.3	
8															7.0	0.06	0.06	8.3	0.04540	0.0	
9	391	223	4	2	7	3	0.1	0.04	0.4	0.18	1	22.2			7.0	0.04	0.04	8.3	0.04910	0.0	
10															6.9	0.03	0.03	8.7	0.04590	0.0	
11															6.9	0.05	0.05	11.5	0.03530	0.0	
12															7.3	0.04	0.04	9.3	0.04600	0.4	
13															6.9	0.04	0.04	9.7	0.05090	0.1	
14															7.5	0.04	0.04	7.6	0.06050	0.3	
15															7.1	0.03	0.03	8.5	0.02320	0.0	
16															7.0	0.04	0.04	8.5	0.03280	0.0	
17			3	1	5	2	0.1	0.04	0.4	0.14	1	21.4			7.0	0.03	0.03	9.6	0.04530	0.0	
18															7.0	0.03	0.03	9.0	0.04630	0.0	
19															7.5	0.05	0.03	8.1	0.04860	0.8	
20															7.2	0.09	0.09	9.1	0.04870	0.7	
21															7.0	0.05	0.05	9.4	0.05560	0.0	
22															7.3	0.06	0.06	8.3	0.05610	0.0	
23															7.2	0.07	0.07	8.6	0.04470	0.0	
24			3	1	6	2	0.5	0.18	0.3	0.11	14	21.1			6.8	0.06	0.06	9.0	0.04240	0.0	
25															6.6	0.05	0.05	7.9	0.04780	0.2	
26															7.1	0.06	0.06	8.5	0.05540	0.0	
27															6.9	0.05	0.05	7.2	0.04420	0.0	
28															7.1	0.10	0.10	9.1	0.05750	0.0	
29															6.9	0.07	0.07	10.0	0.04870	0.1	
30															7.1	0.01	0.01	8.2	0.04420	0.0	
31																					
Min															6.6			7.2			
Max											14				7.5						
Avg:			4	2	9	4	0.3	0.12	0.5	0.2	2	22.4	0.02	516.0			0.05		0.06050	0.04660	

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				19	04	01	TO	19	04	30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	DELCORA	23-00671							
TSS	S2540D-11	DELCORA	23-00671							
Fecal Coliform	Colilert18/Quantitray	DELCORA	23-00671							
Ammonia Nitrogen	EPA -350.1/ASTM D6919-03	DELCORA/ MJ Reider	23-00671/ 06-00003							
TDS	S2540C-11	DELCORA	23-00671							
Total Phosphorous	SM-4500-P-E	DELCORA/ MJ Reider	23-00671/ 06-00003							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	HACH 10242/EPA 351.2	DELCORA/ MJ Reider	23-00671/ 06-00003							
Total Copper	EPA 200.7	MJ Reider	06-00003							
Total Nitrogen	Calculation	DELCORA	23-00671							
Nitrite + Nitrate	HACH 10206/SM4500-H+B	DELCORA/ MJ Reider	23-00671/ 06-00003							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 5/3/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





### SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Springhill Farm STP      Month: April      Year: 2019  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G      NPDES Permit No.: PA0052230  
 Renewal application due **180 days** prior to expiration.      This permit will expire on: **December 31, 2020**

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0535					2,073.0	3.5	2,250.0
2	0.0339						6.4	2,250.0
3	0.055					2,940.0	6.6	4,500.0
4	0.0451						4.2	4,500.0
5	0.0479					4,440.0	5.6	4,500.0
6	0.0442						5.4	4,500.0
7	0.0437						5.5	4,500.0
8	0.0454					2,650.0	3.4	3,375.0
9	0.0491	391.0	160	223.0	91	2,070.0	4.0	3,375.0
10	0.0459						5.4	3,375.0
11	0.0353						6.0	3,375.0
12	0.046						6.9	3,375.0
13	0.0509					2,100.0	5.9	2,250.0
14	0.0605					1,660.0	4.6	2,250.0
15	0.0232					1,130.0	3.9	2,250.0
16	0.0328						6.6	0.0
17	0.0453					1,590.0	6.0	750.0
18	0.0463						5.2	450.0
19	0.0486						4.0	450.0
20	0.0487					1,390.0	3.0	450.0
21	0.0556						5.0	450.0
22	0.0561					1,390.0	2.4	450.0
23	0.0447						4.8	450.0
24	0.0424					1,320.0	5.9	450.0
25	0.0478						5.2	0.0
26	0.0554						4.5	0.0
27	0.0442					1,380.0	8.4	0.0
28	0.0525						3.9	450.0
29	0.0487					2,070.0	6.3	450.0
30	0.0442						4.2	1,425.0
31								
Avg	0.046	391	160	223	91	2,015	5	1,895
Max	0.061	391	160	223	91	4,440	8	4,500

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 5/3/2019

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



Date	21201 SF Influent BOD5 Daily Avg mg/l	21203 SF Influent TSS Daily Avg mg/l	21200 SF Effluent CBOD5 Daily Avg mg/l	21204 SF Effluent TSS Daily Avg mg/l	21207 SF Effluent NH3 Ammonia Daily Avg mg/l	21208 SF Effluent Phos, Total Daily Avg mg/l	21202 SF Effluent Fecal Coliform, Daily Avg count/100ml	21219 SF Effluent NO2 Nitrite Daily Avg mg/l	21218 SF Effluent NO3 Nitrate Daily Avg mg/l	21215 SF Effluent TKN Daily Avg mg/l
Apr 1, 2019										
Apr 2, 2019			6	17.2 (1) <	0.50	0.883	1 (2) <	0.050 (3)	20.46 (4)	4.240
Apr 3, 2019										
Apr 4, 2019										
Apr 5, 2019										
Apr 6, 2019										
Apr 7, 2019										
Apr 8, 2019			4	7.2 (7) <	0.10 (8)	0.430	1 (9) <	0.200 (10)	17.30 (11)	4.730 (1)
Apr 9, 2019 (5) *	391	223 (6) *								
Apr 10, 2019										
Apr 11, 2019										
Apr 12, 2019										
Apr 13, 2019										
Apr 14, 2019										
Apr 15, 2019										
Apr 16, 2019		(12)	3	4.7 (13) <	0.10 (14)	0.370	1 (15) <	0.200 (16)	19.30 (17)	1.920
Apr 17, 2019										
Apr 18, 2019										
Apr 19, 2019										
Apr 20, 2019										
Apr 21, 2019										
Apr 22, 2019										
Apr 23, 2019			3	5.6 (16) <	0.50	0.311	14 (19) <	0.050 (20)	18.33	2.670
Apr 24, 2019										
Apr 25, 2019										
Apr 26, 2019										
Apr 27, 2019										
Apr 28, 2019										
Apr 29, 2019										
Apr 30, 2019										
Count	1	1	4	4	4	4	4	4	4	4
Maximum	391	223	6	17.2	0.50	0.883	14	0.200	20.46	4.730
Minimum	391	223	3	4.7	0.10	0.311	1	0.050	17.30	1.920
Average	391	223	4	8.7	0.30	0.499	4	0.125	18.85	3.390
Total	391	223	16	34.7	1.20	1.994	17	0.500	75.39	13.560

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



**DELCORA**  
The Delaware County  
Regional Authority

Date	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF Influent BOD5	SF Influent TSS	SF Effluent CBOD5	SF Effluent TSS	SF Effluent NH3 Ammonia	SF Effluent Phos, Total	SF Effluent Fecal Coliform	SF Effluent NO2 Nitrite	SF Effluent NO3 Nitrate	SF Effluent TKN
	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg count/100ml	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l

**Comments:**

- (1) Below detectable limit (8) MJR
- BB (2) Below detectable limit (9) MJR
- BB (3) sample diluted before analysis (10) MJR
- BB (4) Sample diluted before analysis Control out of spec - High (11) MJR
- BB (5) Blank is high out of spec. (12) Control is below range; out of spec. TPB
- TPB (6) Blank is high out of spec. (13) MJR
- TPB (7) MJR (14) MJR
- (15) MJR
- (16) MJR
- (17) MJR
- (18) Below detectable limit
- (19) Below detectable limit
- (20) Samples diluted before analysis
- (21) MJR

**Lab Report for Springhill Farm**  
**Influent & Effluent DMR Data**  
**Lab Certification No: 23-00671**



Date	21209 SF Effluent Nitrogen, Total Calculated Daily Avg mg/l	21216 SF Effluent Copper (Cu) Daily Avg m./l	21217 SF Effluent IDS Daily Avg mg/l
Apr 1, 2019			
Apr 2, 2019			
Apr 3, 2019 <	24.8 (21)	0.016	516.000
Apr 4, 2019			
Apr 5, 2019			
Apr 6, 2019			
Apr 7, 2019			
Apr 8, 2019			
Apr 9, 2019; (22) <	22.2		
Apr 10, 2019			
Apr 11, 2019			
Apr 12, 2019			
Apr 13, 2019			
Apr 14, 2019			
Apr 15, 2019			
Apr 16, 2019			
Apr 17, 2019; (23) <	21.4		
Apr 18, 2019			
Apr 19, 2019			
Apr 20, 2019			
Apr 21, 2019			
Apr 22, 2019			
Apr 23, 2019			
Apr 24, 2019 <	21.1		
Apr 25, 2019			
Apr 26, 2019			
Apr 27, 2019			
Apr 28, 2019			
Apr 29, 2019			
Apr 30, 2019			
Count	4	1	1
Maximum	24.8	0.016	516.000
Minimum	21.1	0.016	516.000
Average	22.4	0.016	516.000
Total	89.5	0.016	516.000

Comments:  
 (21) MJR  
 (22) MJR  
 (23) MJR



**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

# Certificate of Analysis

**Laboratory No.:** 9010596  
**Report:** 04/05/19  
**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Krause  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF (Quarterly)

**Lab ID:** 9010596-01    **Collected By:** Client    **Sampled:** 04/03/19 07:35    **Received:** 04/03/19 14:10  
**Sample Desc:** Springhill Effluent    **Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
Total Metals							
Copper	0.016	mg/l	0.001	EPA 200.8 Rev 5.4	04/04/19		MPB



107 Angelica Street ○ Reading, PA 19611 ○ [www.mjreider.com](http://www.mjreider.com) ○ (610) 374-5129 ○ fax (610) 374-7234

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NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.  
Additional accreditations by CT (PH-0210), MD (261), NY(12094)

9010596



**WORK ORDER**  
Chain of Custody

**M.J. Reider Associates, Inc.**  
107 Angelica St, Reading PA, 19611  
610-374-5129 www.mjreider.com

Client Code: 2639  
Project Manager: **Bradley T Griffiths**  
Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016  
Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Client: DELCORA  
Project: Springhill EFF (Quarterly)

Project Notes: Mike Krause - Office (610) 876-5523 x 218 --  
Call (610) 633-4002

*[Signature]*  
Bottle numbered.  
APR 4/3/19

Comments:

Collected By: Delcara

(Full Name)

9010596-01 Springhill Effluent

Cu EPA 200.8

Matrix: Non-Potable Water  
Type: Composite (Simple)  
A - Pl 500ml HNO3

Date: 4-3-19  
Time: 2:35

Relinquished By: Mike Szymanski Date/Time: 4-3-19

(Full Name)

*[Signature]*  
Received By

Date/Time

4/3/19 1120

Date/Time

4/3/19 1410

Date/Time

Received at Laboratory By

Date/Time

Sample Kit Prepared By:	Date/Time
Sample Temp (°C): Samples on Ice?	<u>2.8</u>
Approved By:	<u>NA</u>
Entered By:	<u>[Signature]</u>

The Client, by signing (or having the client's agent sign), agrees to MRA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.

**M.J. Reider Associates, Inc.**

**MJRA Terms & Conditions**

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**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

# Certificate of Analysis

**Laboratory No.:** 9010625

**Report:** 04/22/19

**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Krause  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 9010625-01    **Collected By:** Client  
**Sample Desc:** Springhill Effluent

**Sampled:** 04/09/19 06:25

**Received:** 04/10/19 13:50  
**Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	04/11/19		APR
Nitrate as N	17.3	mg/l	2.00	EPA 300.0 Rev 2.1	04/10/19 15:34		MRW
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	04/10/19 15:34		MRW
Nitrogen, Total Kjeldahl (TKN)	4.73	mg/l	1.25	EPA 351.2	04/19/19		RES
Phosphorus as P, Total	0.43	mg/l	0.05	SM 4500-P E	04/11/19		EMW



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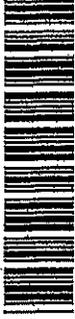
**M.J. Reider Associates, Inc.**  
 107 Angelica St, Reading PA, 19611  
 610-374-5129 www.mjreider.com

**WORK ORDER**  
**Chain of Custody**

Client: DELCORA  
 Project: Springhill EFF

Client Code: 2639  
 Project Manager: Bradley T Griffiths  
 Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016  
 Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

9010625



Project Notes: Mike Krause - Office (610) 876-5523 x 218  
 Cell (610) 633-4002

Comments:

Collected By: Delcora

9010625-01 Springhill Effluent  
 W100  
 NO2-N EPA 300.0, NO3-N EPA 300.0  
 NH3-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Matrix: Non-Potable Water  
 Type: Composite (Simple)  
 A - PI 500ml H2SO4  
 B - PI 250ml NP

Date: 4/9/19  
 Time: 0625

Relinquished By: Mate Dugime Date/Time: 4-10-11

Received By: [Signature] Date/Time: 4/10/19 1030

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received at Laboratory By: \_\_\_\_\_ Date/Time: 4/10/19 1350

Sample Kit Prepared By:	Date/Time
Sample Temp (°C): Samples on Ice?	4.5 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/>
Approved By:	<u>[Signature]</u>
Entered By:	<u>[Signature]</u>

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Reviewed and Approved by:

Bradley T Griffiths  
Project Manager





# Certificate of Analysis

**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

**Laboratory No.:** 9011839

**Report:** 04/29/19

**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Krause  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 9011839-01    **Collected By:** Client  
**Sample Desc:** Springhill Effluent

**Sampled:** 04/17/19 06:50

**Received:** 04/17/19 15:20  
**Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	04/18/19		APR
Nitrate as N	19.3	mg/l	10.0	EPA 300.0 Rev 2.1	04/18/19 11:36		MRW
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	04/18/19 4:40		MRW
Nitrogen, Total Kjeldahl (TKN)	1.92	mg/l	0.50	EPA 351.2	04/25/19		RES
Phosphorus as P, Total	0.37	mg/l	0.05	SM 4500-P E	04/18/19		EMW



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Additional accreditations by CT (P11-0210), MD (261), NY(12094)

9011839



**WORK ORDER**  
Chain of Custody

**M.J. Reider Associates, Inc.**  
107 Angelica St, Reading PA, 19611  
610-374-5129 www.mjreider.com

Client Code: 2639

Project Manager: Bradley T Griffiths

Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Client: DELCORA  
Project: Springhill EFF

Project Notes: Mike Krause - Office (610) 876-5523 x 218  
Cell (610) 633-4002

Comments: No collection time on container  
BSW 4-17-19

Collected By: DELCORA

Matrix: Non-Potable Water  
Type: Composite (Simple)  
A - PI 500ml H2SO4  
B - PI 250ml NP  
Date: 4/17/19  
Time: 0650  
As per Mike K.  
10:22  
4/18/19

9011839-01 Springhill Effluent  
NO2-N EPA 300.0, NO3-N EPA 300.0  
NH3-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Requested By: [Signature] Date/Time: 4/17/19  
Received By: [Signature] Date/Time: 4-17-19 1110  
Received at Laboratory By: [Signature] Date/Time: 4-17-19 1520

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	2
Samples on Ice?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Approved By:	<u>[Signature]</u>
Entered By:	<u>[Signature]</u>

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Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, May 16, 2019 12:02 PM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 04/01/2019-06/30/2019  
**Report Due Date:** 07/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 148348  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Quarterly  
DMR Effective From: 04/01/2019  
DMR Effective To: 06/30/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2019	04	01	2019	06	30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Copper, Total (01042)	***	***	***	mg/L	1/quarter	24-Hr Composite
	***	***	Monitor & Report Daily Max	***	1/quarter	24-Hr Composite
Total Dissolved Solids (70295)	***	***	***	mg/L	1/quarter	24-Hr Composite
	***	***	Monitor & Report Daily Max	***	1/quarter	24-Hr Composite
Facility Sampling Point Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill Analytical April 2019.pdf	Laboratory Analytical Report	2019-05-13T10:21:41-04:00	
Springhill Subsequent Analytical April 3, 2019.pdf	Laboratory Analytical Report	2019-05-13T10:28:20-04:00	
Springhill Farm Super Storm April 2019.xls	Daily Effluent Monitoring Form	2019-05-13T10:27:04-04:00	
Springhill DMR lab record April 2019.doc	Laboratory Accreditation Form	2019-05-13T10:28:15-04:00	
Springhill DEP Covr Lett. 2Q 2019.doc	Cover Letter	2019-05-13T10:18:42-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gober	T15938	(484) 844-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE			DATE
	AREA CODE	NUMBER	YEAR	
gobers	(484)	844-2175	2019	5
				16
				DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

May 3, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for April 2019. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 264.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
April 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for April 2019

Wastewater Plant

Average Daily Flow: 46,660 gallons. Peak Daily Flow: 60,500 gallons.

Sludge Hauled: 89,900 gallons

There were no violations during the reporting period.

Sugar is being added as a food supplement when lower than average flows are experienced.

The waste and return sludge valve were replaced in the #1 train due to wear and corrosion.

The equalization pumps tripped, both pumps were removed, mechanically and electrically inspected. The system is working properly



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

June 11, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for May 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for May 2019. There were no violations during the month.

Please contact me at 610-876-5523, ext. 256 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:bab  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-8728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Bonnett, Barbara**

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, June 20, 2019 9:29 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 05/01/2019-05/31/2019  
**Report Due Date:** 06/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 152724  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PERMIT NUMBER		001	
CUT-FALL NUMBER			

Reporting Frequency: Monthly  
DMR Effective From: 05/01/2019  
DMR Effective To: 05/31/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	TO
2019	05	01	31

PARAMETERS REPORTED VALUES

PARAMETER	SAMPLING FREQUENCY	SAMPLING TYPE	QUANTITY OR CONCENTRATION		QUANTITY OR LOADING		UNITS	VALUE	PERMIT REQUIREMENT	Sample Measurement
			VALUE	UNITS	VALUE	UNITS				
Dissolved Oxygen (00300)	1/day	Grab	6.1	mg/L	6.1	Inst Min	***	6.1	5.0	Sample Measurement
	1/day	Grab	5.7	mg/L	5.7	Inst Min	***	5.7	5.0	Permit Requirement
pH (04000)	1/day	Grab	7.5	S.U.	7.5	***	***	7.5	7.5	Sample Measurement
	1/day	Grab	MAX	S.U.	MAX	***	***	MAX	9.0	Permit Requirement
Total Suspended Solids (00530)	1/week	24-Hr Composite	7	mg/L	7	Inst Min	***	7	3	Sample Measurement
	1/week	24-Hr Composite	30	mg/L	30	Avg Mo	***	30	25	Permit Requirement
Total Nitrogen (00600)	1/week	24-Hr Composite	<20.8	mg/L	<20.8	Monitor & Report	***	<20.8	***	Sample Measurement
	1/week	24-Hr Composite	***	mg/L	***	Avg Mo	***	***	***	Permit Requirement
Ammonia-Nitrogen (00610)	1/week	24-Hr Composite	<3	mg/L	<3	Inst Min	***	<3	1.7	Sample Measurement
	1/week	24-Hr Composite	2.0	mg/L	2.0	Avg Mo	***	2.0	1.7	Permit Requirement
Total Phosphorus (00650)	1/week	24-Hr Composite	.8	mg/L	.8	Inst Min	***	.8	.3	Sample Measurement
	1/week	24-Hr Composite	1.0	mg/L	1.0	Avg Mo	***	1.0	.3	Permit Requirement
Flow (50050)	Continuous	Recorded	07290	MGD	07290	Monitor & Report	***	07290	0.7290	Sample Measurement
	Continuous	Recorded	***	MGD	***	Daily Max	***	***	***	Permit Requirement
Total Residual Chlorine (TRC) (60060)	1/day	Grab	.04	mg/L	.04	Inst Min	***	.04	***	Sample Measurement
	1/day	Grab	.08	mg/L	.08	Avg Mo	***	.08	***	Permit Requirement
Fecal Coliform (74025)	1/week	Grab	14	CFU/100 ml	14	MAX	***	14	11	Sample Measurement
	1/week	Grab	56	CFU/100 ml	56	Avg Mo	***	56	200	Permit Requirement
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80062)	1/week	24-Hr Composite	1000	mg/L	1000	MAX	***	1000	2	Sample Measurement
	1/week	24-Hr Composite	25	mg/L	25	Avg Mo	***	25	2	Permit Requirement
Facility Sampling Point Comments										



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cover Ltr. May 2016.doc	Cover Ltr.	2016-06-12T11:59:01-04:00	
Springhill Farm Supp S form May 2016.xls	Daily Effluent Monitoring Form	2016-06-12T13:30:17-04:00	
Springhill DMR Lab Accred May 2016.doc	Laboratory Accreditation Form	2016-06-12T11:59:57-04:00	
Springhill Farm Influent and Process Control Form May 2016.xls	Influent and Process Control Form	2016-06-12T13:29:11-04:00	
Springhill Farm Solids Disposal Form May 2016.xls	Sewage Sludge / Biosolids Production and Disposal Form	2016-06-12T13:15:11-04:00	
Springhill Subcontract Analytical May 29, 2016.pdf	Laboratory Analytical Report	2016-06-12T13:29:38-04:00	
Springhill Analytical May 2016.pdf	Laboratory Analytical Report	2016-06-12T13:26:38-04:00	
Springhill Subcontract Analytical May 23, 2016.pdf	Laboratory Analytical Report	2016-06-12T13:31:02-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gobar	T1938	(681)844-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE		DATE
	AREA CODE	NUMBER	
gobers	(484)	844-2175	2019 6
	SUBMITTED BY FULL NAME	NUMBER	YEAR MO DAY
	Stan Gobar		

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P. S. section 4504 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

May-19

Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent											Effluent											Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD				
1															7.5	0.04	0.04	7.7	0.03600	0.0			
2			4	2	7	3	0.1	0.04	0.6	0.24	56	20.5			7.2	0.01	0.01	7.9	0.05210	0.0			
3															7.1	0.04	0.04	7.6	0.04590	0.0			
4															7.4	0.03	0.03	7.5	0.04830	0.5			
5															6.8	0.03	0.03	6.4	0.05990	1.2			
6															7.2	0.01	0.01	6.1	0.05470	0.0			
7															7.2	0.10	0.10	7.4	0.05280	2.0			
8	266	183	3	1	9	4	0.5	0.22	0.7	0.33	3	21.5			7.0	0.07	0.04	7.4	0.05330	0.1			
9															7.0	0.05	0.05	6.1	0.06090	0.0			
10															7.3	0.05	0.05	6.2	0.05490	0.0			
11															7.0	0.05	0.05	8.8	0.05620	0.3			
12															7.3	0.07	0.07	6.9	0.06800	1.8			
13															6.9	0.00	0.00	6.8	0.06280	0.8			
14			3	2	4	3	0.5	0.30	0.4	0.22	18	21.5			7.0	0.07	0.07	7.9	0.07230	0.0			
15															7.5	0.09	0.04	7.8	0.05660	0.0			
16															7.3	0.03	0.03	7.6	0.04830	0.0			
17															7.2	0.03	0.03	7.6	0.05090	0.1			
18															7.3	0.03	0.03	7.9	0.04790	0.0			
19															7.4	0.08	0.08	6.7	0.06290	0.0			
20															7.1	0.03	0.03	7.1	0.04660	0.0			
21															7.0	0.04	0.04	7.2	0.03540	0.0			
22															7.0	0.06	0.06	7.0	0.04540	0.0			
23			3	1	10	4	0.1	0.04	0.7	0.30	3	20.7			6.7	0.05	0.05	8.4	0.05150	0.5			
24															7.3	0.05	0.05	8.1	0.04280	0.0			
25															7.2	0.05	0.05	8.6	0.04750	0.1			
26															7.1	0.00	0.00	6.2	0.05130	0.1			
27															7.1	0.00	0.00	8.3	0.04350	0.2			
28															7.0	0.06	0.06	7.1	0.04160	0.7			
29			3	1	7	3	0.1	0.04	0.4	0.18	20	19.9			7.1	0.10	0.10	6.8	0.05320	0.4			
30															7.1	0.01	0.01	7.2	0.04700	0.3			
31															7.5	0.01	0.01	7.4	0.04600	0.0			
Min															6.7			6.1					
Max															7.5				0.07230				
Avg:			3	2	7	3	0.3	0.13	0.6	0.3	11	20.8	#DIV/0!	#DIV/0!		0.10	0.04		0.05150				

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>									
Address: <u>Springhill Drive</u>									
<u>Glen Mills, PA 19342</u>									
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day					
PA0052230				19	05	01	TO 19	05	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>						
cBOD5	S5210B-11	DELCORA	23-00671						
TSS	S2540D-11	DELCORA	23-00671						
Fecal Coliform	Colilert18/Quantitray	DELCORA	23-00671						
Ammonia Nitrogen	EPA -350.1/ASTM D6919-03	DELCORA/ MJ Reider	23-00671/ 06-00003						
TDS	S2540C-11	DELCORA	23-00671						
Total Phosphorous	SM-4500-P-E	DELCORA/ MJ Reider	23-00671/ 06-00003						
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671						
TRC & pH	Meter	DELCORA- Operations Meter	23-00671						
TKN	HACH 10242/EPA 351.2	DELCORA/ MJ Reider	23-00671/ 06-00003						
Total Copper	EPA 200.7	MJ Reider	06-00003						
Total Nitrogen	Calculation	DELCORA	23-00671						
Nitrite + Nitrate	HACH 10206/SM4500-H+B	DELCORA/ MJ Reider	23-00671/ 06-00003						

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.

Name/Title Principal Executive Officer      Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&M      Date: 6/3/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.



**SUPPLEMENTAL REPORT  
SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL**

Facility Name: Spring Hill Farm STP  
 Municipality: Chadds Ford Township County: Delaware  
 Watershed: 3-G

Month: May Year: 2019  
 NPDES Permit No.: PA0052230  
 Renewal application due **180 days** prior to expiration  
 This permit will expire on: December 31, 2020

**SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)**

Check here if there were no off-site removal events during the month

Date	Liquid Sewage Sludge/Biosolids Hauled Off-site		Dewatered Sewage Sludge/Biosolids Hauled Off-site		Sewage Sludge/Biosolids Dewatered and Incinerated On-site		
	Gallons	% Solids	Dry Tons	% Solids	Tons Dewatered	% Solids	Dry Tons
5/3/19	4,000		0.000				
5/10/19	8,000		0.000				
5/13/19	4,000		0.000				
5/17/19	8,600		0.000				
5/18/19	9,200		0.000				
5/20/19	4,000		0.000				
5/23/19	4,000		0.000				
5/24/19	4,600		0.000				
5/30/19	4,600		0.000				
5/31/19	7,100		0.000				
TOTAL:							

**SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION**  
 (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	DELCOA STP	Goose Creek WWTP
Municipality	Chester City	Borough of West Chester
County	Delaware	Chester
DEP Permit No.	PA0027103	PA0027031
Type of Material*	liquid	
Dry Tons Applied/Disposed		
Type of Disposal/Use*	Incineration	Haul Liquid
Hauler Name	McGovern	McGovern

\* See instructions for explanation.

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: June 3, 2019



**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: May      Year: 2019  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      County: Delaware  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.036					2,550.0	4.6	450.0
2	0.0521						5.5	750.0
3	0.0459						3.3	750.0
4	0.0483					2,450.0	3.7	1,125.0
5	0.0599					2,550.0	2.8	2,250.0
6	0.0547					2,550.0	2.8	1,500.0
7	0.0528						3.0	1,500.0
8	0.0533	266.0	118	183.0	81	2,210.0	4.0	1,875.0
9	0.0609						4.9	2,625.0
10	0.0549						3.8	2,625.0
11	0.0562						3.4	1,350.0
12	0.068					2,240.0	4.4	3,000.0
13	0.0628					2,320.0	3.7	2,850.0
14	0.0723						5.2	2,250.0
15	0.0566					2,080.0	3.9	3,375.0
16	0.0483						4.7	3,375.0
17	0.0509					1,960.0	3.7	3,375.0
18	0.0479						3.5	2,250.0
19	0.0629						4.3	750.0
20	0.0466					2,100.0	3.0	1,500.0
21	0.0354						2.2	1,500.0
22	0.0454					2,400.0	5.2	1,500.0
23	0.0515						5.1	2,250.0
24	0.0428						4.7	2,250.0
25	0.0475					2,060.0	4.5	2,250.0
26	0.0513						3.3	1,350.0
27	0.0435					2,460.0	4.1	2,550.0
28	0.0416						2.9	3,000.0
29	0.0532					2,250.0	4.2	1,950.0
30	0.047						3.2	1,875.0
31	0.046						2.6	4,500.0
Avg	0.052	266	118	183	81	2,279	4	2,081
Max	0.072	266	118	183	81	2,550	6	4,500

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 6/3/2019

**Lab Report for Springhill Farm**  
**Influent & Effluent DMR Data**  
**Lab Certification No: 23-00671**



Date	21201 Influent BOD5 Daily Avg mg/l	21203 Influent TSS Daily Avg mg/l	21200 Effluent CBOD5 Daily Avg mg/l	21204 Effluent TSS Daily Avg mg/l	21207 Effluent NH3 Ammonia Daily Avg mg/l	21208 Effluent Phos, Total Daily Avg mg/l	21202 Effluent Fecal Coliform Daily Avg count/100ml	21219 Effluent NO2 Nitrite Daily Avg mg/l	21218 Effluent NO3 Nitrate Daily Avg mg/l	21215 Effluent TKN Daily Avg mg/l
May 1, 2019										
May 2, 2019		(1)	4	6.8 (2) <	0.10 (3)	0.560	56 (4) <	0.200 (5)	18.90 (6)	1.350
May 3, 2019										
May 4, 2019										
May 5, 2019										
May 6, 2019										
May 7, 2019										
May 8, 2019	266	183	3	9.4 <	0.50 (7)	0.733	3 <	0.050 (8)	19.68 (9)	1.740
May 9, 2019										
May 10, 2019										
May 11, 2019										
May 12, 2019										
May 13, 2019										
May 14, 2019										
May 15, 2019										
May 16, 2019										
May 17, 2019										
May 18, 2019										
May 19, 2019										
May 20, 2019										
May 21, 2019										
May 22, 2019										
May 23, 2019										
May 24, 2019										
May 25, 2019										
May 26, 2019										
May 27, 2019										
May 28, 2019										
May 29, 2019										
May 30, 2019										
May 31, 2019										
Count	1	1	5	5	5	5	5	5	5	5
Maximum	266	183	4	9.6	0.50	0.733	56	0.200	19.68	1.750
Minimum	266	183	3	4.4	0.10	0.360	3	0.050	11.10	1.350
Average	266	183	3	7.5	0.26	0.555	20	0.140	17.34	1.610
Total	266	183	16	37.4	1.30	2.773	100	0.700	86.68	8.050

**Lab Report for Springhill Farm**  
**Influent & Effluent DMR Data**  
**Lab Certification No: 23-00671**



Station	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF
	Influent BOD5	Influent TSS	Effluent CBOD5	Effluent TSS	Effluent NH3 Ammonia	Effluent Phos, Total	Effluent Fecal Coliform	Effluent NO2 Nitrite	Effluent NO3 Nitrate	Effluent TKN
Unit	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	count/100ml	mg/l	mg/l	mg/l
Frequency	Daily Avg	Daily Avg	Daily Avg	Daily Avg	Daily Avg	Daily Avg	Daily Avg	Daily Avg	Daily Avg	Daily Avg

**Comments:**

(1) GGA STD out of spec low.

Results qualified.

SM

- (2) MJR
- (3) MJR
- (4) MJR
- (5) MJR
- (6) MJR
- (7) Spike low. Result qualified.

SM

(8) Sample diluted prior to analysis.

SM

(9) Sample diluted prior to analysis.

SM

- (10) Samples diluted before analysis
- (11) Samples diluted before analysis
- (12) MJR
- (13) MJR
- (14) MJR
- (15) MJR

(16) MJR

(17) Control is below spec.

Results qualified.

TPB

- (18) Sample Duplicate RPD high. SM
- (19) MJR
- (20) MJR
- (21) MJR
- (22) MJR
- (23) MJR

(24) MJR

**Lab Report for Springhill Farm**  
**Influent & Effluent DMR Data**  
**Lab Certification No: 23-00671**



Date	21209' SF' Effluent Nitrogen, Total Calculated Daily Avg mg/l	21216 SF' Effluent Copper (Cu) Daily Avg mg/l	21217 SF' Effluent TDS Daily Avg mg/l
May 1, 2019			
May 2, 2019 (24) <	20.5		
May 3, 2019			
May 4, 2019			
May 5, 2019			
May 6, 2019			
May 7, 2019			
May 8, 2019 <	21.5		
May 9, 2019			
May 10, 2019			
May 11, 2019			
May 12, 2019			
May 13, 2019			
May 14, 2019 <	12.9		
May 15, 2019			
May 16, 2019			
May 17, 2019			
May 18, 2019			
May 19, 2019			
May 20, 2019			
May 21, 2019			
May 22, 2019			
May 23, 2019 (25) <	20.7		
May 24, 2019			
May 25, 2019			
May 26, 2019			
May 27, 2019			
May 28, 2019			
May 29, 2019 (26) <	19.9		
May 30, 2019			
May 31, 2019			
Count	5	0	0
Maximum	21.5		
Minimum	12.9		
Average	19.1		
Total	95.5		

Comments:  
 (24) MJR  
 (25) MJR  
 (26) MJR



# Certificate of Analysis

**M.J. Reider Associates, Inc.**  
ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

**Laboratory No.:** 9014361  
**Report:** 05/30/19  
**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Krause  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 9014361-01      **Collected By:** Client  
**Sample Desc:** Springhill Effluent

**Sampled:** 05/23/19 06:48      **Received:** 05/23/19 13:20  
**Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Analyte Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	05/24/19		APR
Nitrate as N	18.8	mg/l	2.00	EPA 300.0 Rev 2.1	05/23/19 18:02		MRW
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	05/23/19 18:02		MRW
Nitrogen, Total Kjeldahl (TKN)	1.69	mg/l	0.50	EPA 351.2	05/29/19		WKJI
Phosphorus as P, Total	0.71	mg/l	0.05	SM 4500-P E	05/24/19		ALD



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NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.  
Additional accreditations by CT (PH-0210), MD (261), NY(12094)



**M.J. Reider Associates, Inc.**  
 107 Angelica St, Reading PA, 19611  
 610-374-5129 www.mjreider.com  
 Client Code: 2639

**Project Manager: Bradley T Griffiths**

**Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016**

**Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016**

**WORK ORDER**  
**Chain of Custody**

**Client: DELCORA**  
**Project: Springhill EFF**

9014361



**Project Notes:** Mike Krause - Office (610) 876-5523 x 218 --  
 Cell (610) 633-4002

**Comments:**

Collected By: Delcora

**9014361-01 Springhill Effluent**

**NO<sub>2</sub>-N EPA 300.0, NO<sub>3</sub>-N EPA 300.0**

**NH<sub>3</sub>-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2**

**Matrix: Non-Potable Water**

**Type: Composite (Simple)**

**A - P1 500ml H2SO4**

**B - P1 250ml NP**

Date: 5-23-19

Time: 0648

Relinquished By: Michael Krause Date/Time: 5-23-19

Received By: [Signature] Date/Time: 5/23/19 10:50

Received at Laboratory By: [Signature] Date/Time: 5/23/19 1320

Sample Kit Prepared By:	Date/Time:
Sample Temp (°C):	01
Samples on Ice?	Yes No NA
Approved By:	<u>[Signature]</u>
Entered By:	<u>[Signature]</u>

The Client, by signing (or having the client's agent sign), agrees to MIRA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.

**M.J. Reider Associates, Inc.**

**MJRA Terms & Conditions**

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses. COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred).

**Sample Submission, Sample Acceptance & Sampling Containers**

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

**Turnaround Times (TAT)**

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (\*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. \*RUSH TAT Surcharges are applied for expedited turnaround times.

**Analytical Results, Sample Collection Integrity & Subcontracting**

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

**Payment Terms**

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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Additional accreditations by CT (PH-0210), MD (261), NY(1209-4)



# Certificate of Analysis

**M.J. Reider Associates, Inc.**  
ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

**Laboratory No.:** 9016907  
**Report:** 06/06/19  
**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Krause  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 9016907-01    **Collected By:** Client  
**Sample Desc:** Springhill Effluent

**Sampled:** 05/29/19 06:40    **Received:** 05/29/19 14:05  
**Sample Type:** Composite

	Result	Unit	Rep. Limit	Procedure	Analyzed	Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	05/30/19		APR
Nitrate as N	18.2	mg/l	2.00	EPA 300.0 Rev 2.1	05/29/19 18:38		MRW
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	05/29/19 18:38		MRW
Nitrogen, Total Kjeldahl (TKN)	1.52	mg/l	0.50	EPA 351.2	05/31/19		WKH
Phosphorus as P, Total	0.41	mg/l	0.05	SM 4500-P E	05/30/19		JCL



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Additional accreditations by CT (PH-0210), MD (261), NY(12094)

9016907



**WORK ORDER**  
Chain of Custody

**M.J. Reider Associates, Inc.**  
107 Angelica St, Reading PA, 19611  
610-374-5129 www.mjreider.com

Client Code: 2639

Project Manager: Bradley T Griffiths

Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Client: DELCORA  
Project: Springhill EFF

**Project Notes:** Mike Krause - Office (610) 876-5323 x 218 --  
Cell (610) 633-4002

Comments:

Collected By: Delcoca

9016907-01 Springhill Effluent

NO2-N EPA 300.0, NO3-N EPA 300.0  
NH3-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Matrix: Non-Potable Water  
Type: Composite (Simple)

A - PI 500ml H2SO4  
B - PI 250ml NP

Date: 5-29-19  
Time: 0640

Requisitioned By: Marta Szymon Date/Time: 5-29-19  
Received at Laboratory By: [Signature] Date/Time: 5/29/19 1035  
Requisitioned By: [Signature] Date/Time: 5/29/19 1405

The Client, by signing (or having the client's agent sign), agrees to MIRA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	9
Samples on Ice?	Yes No NA
Approved By:	<u>[Signature]</u>
Entered By:	<u>[Signature]</u>

**M.J. Reider Associates, Inc.**

**MJRA Terms & Conditions**

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**Sample Submission, Sample Acceptance & Sampling Containers**

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

**Turnaround Times (TAT)**

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (\*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. \*RUSH TAT Surcharges are applied for expedited turnaround times.

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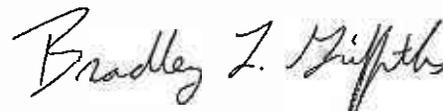
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**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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Additional accreditations by CT (PH-0210), MD (261), NY(12094)



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

June 11, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for May 2019. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 256.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:bab  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
May 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for May 2019.

Wastewater Plant

Average Daily Flow: 51,500 gallons. Peak Daily Flow: 72,300 gallons.

Sludge Hauled: 89,900 gallons

165 gallons of sodium hypochlorite were delivered.

There were no violations during the reporting period.

Sugar is being added as a food supplement when lower than average flows are experienced.

The plant treatment process was infested with a midge fly larvae. A pellet form insecticide that is environmentally friendly was purchased to control the infestation. As of now, it is still present but under control. Ignoring this larvae growth would affect the final discharge of the facility and possibly cause a permit violation.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

July 5, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for June 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for June 2019. There were no violations during the month.

Please contact me at 610-876-5523, ext. 256 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526  
 FAX: 610-876-1460

PURCHASING & STORES

610-876-5523  
 FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Friday, July 12, 2019 11:44 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 06/01/2019-06/30/2019  
**Report Due Date:** 07/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 156131  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 755, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2019	06	01	2019	06	30

Reporting Frequency: Monthly  
DMR Effective From: 06/01/2019  
DMR Effective To: 06/30/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

PARAMETERS REPORTED VALUES

PARAMETER	SAMPLING TYPE	QUANTITY OR CONCENTRATION		QUANTITY OR LOADING		MONITORING PERIOD		UNITS	VALUE	SAMPLING FREQUENCY	
		VALUE	UNITS	VALUE	UNITS	YEAR	MO				DAY
Dissolved Oxygen (0300)	Sample Measurement	5.9	mg/L	5.9	mg/L	2019	06	01	5.9	1/day	Grab
	Permit Requirement	5.0	mg/L	5.0	mg/L	2019	06	30	5.0	1/day	Grab
PH (0400)	Sample Measurement	6.8	S.U.	6.8	S.U.	2019	06	01	6.8	1/day	Grab
	Permit Requirement	6.0	S.U.	6.0	S.U.	2019	06	30	6.0	1/day	Grab
Total Suspended Solids (0050)	Sample Measurement	6	mg/L	6	mg/L	2019	06	01	6	1/week	24-Hr Composite
	Permit Requirement	30	mg/L	30	mg/L	2019	06	30	30	1/week	24-Hr Composite
Total Nitrogen (0600)	Sample Measurement	<19.9	mg/L	<19.9	mg/L	2019	06	01	<19.9	1/week	24-Hr Composite
	Permit Requirement	Monitor & Report	mg/L	Monitor & Report	mg/L	2019	06	30	19.9	1/week	24-Hr Composite
Ammonia-Nitrogen (0610)	Sample Measurement	1.4	mg/L	1.4	mg/L	2019	06	01	1.4	1/week	24-Hr Composite
	Permit Requirement	2.0	mg/L	2.0	mg/L	2019	06	30	2.0	1/week	24-Hr Composite
Total Phosphorus (0685)	Sample Measurement	.5	mg/L	.5	mg/L	2019	06	01	.5	1/week	24-Hr Composite
	Permit Requirement	1.0	mg/L	1.0	mg/L	2019	06	30	1.0	1/week	24-Hr Composite
Flow (6000)	Sample Measurement	0.5150	MGD	0.5150	MGD	2019	06	01	0.5150	Continuous	Recorded
	Permit Requirement	Monitor & Report	MGD	Monitor & Report	MGD	2019	06	30	0.5150	Continuous	Recorded
Total Residual Chlorine (TRC) (6086)	Sample Measurement	0.9	mg/L	0.9	mg/L	2019	06	01	0.9	1/day	Grab
	Permit Requirement	0.5	mg/L	0.5	mg/L	2019	06	30	0.5	1/day	Grab
Fecal Coliform (7056)	Sample Measurement	7	CFU/100 ml	7	CFU/100 ml	2019	06	01	7	1/week	Grab
	Permit Requirement	200	CFU/100 ml	200	CFU/100 ml	2019	06	30	200	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBO5) (6082)	Sample Measurement	3	mg/L	3	mg/L	2019	06	01	3	1/week	24-Hr Composite
	Permit Requirement	25	mg/L	25	mg/L	2019	06	30	25	1/week	24-Hr Composite
Facility Sampling Point Comments											



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DMR Job accessed June 2016.doc	Laboratory Accreditation Form	2016-07-05T13:55:05-04:00	
Springhill Farm Analytical June 2016.pdf	Laboratory Analytical Report	2016-07-05T13:55:44-04:00	
Springhill Farm Supp S Form June 2016.xls	Daily Effluent Monitoring Form	2016-07-05T13:59:57-04:00	
Springhill Farm Influent and Process Control Form June 2016.xls	Influent and Process Control Form	2016-07-12T11:42:17-04:00	
Springhill Farm Solids Disposal Form June 2016.xls	Sewage Sludge / Biosolids Production and Disposal Form	2016-07-12T11:43:13-04:00	
Springhill DEP Cover Lr. June 2016.doc	Cover Letter	2016-07-05T14:46:55-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gobar	T 1928	(484)-644-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).		TELEPHONE	DATE
	gobers	Stan Gobar	(484) 844-2175	2019 7 12
		SUBMITTED BY FULL NAME	AREA CODE NUMBER	YEAR MO DAY

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)  
 Month: June-19

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															7.6	0.03	0.03	6.1	0.04790	0.7	
2															6.9	0.01	0.01	6.8	0.04430	0.6	
3															7.6	0.01	0.01	6.7	0.04670	0.0	
4															7.4	0.01	0.01	7.9	0.05100	0.0	
5			2	1	6	3	4.2	1.95	0.3	0.14	3	23.6			7.3	0.01	0.01	7.0	0.05580	0.3	
6															7.3	0.04	0.04	7.0	0.04620	0.2	
7															7.2	0.05	0.05	7.7	0.04690	0.0	
8															7.6	0.01	0.01	7.4	0.05460	0.0	
9															7.4	0.03	0.03	8.2	0.04490	0.3	
10															7.4	0.06	0.06	8.0	0.04670	0.5	
11															7.2	0.00	0.00	6.9	0.03670	0.0	
12			3	1	3	1	0.5	0.24	0.4	0.17	28	14.9			7.2	0.00	0.00	7.6	0.05720	0.8	
13															6.8	0.03	0.03	7.2	0.05890	1.3	
14															7.2	0.00	0.00	7.1	0.05480	0.0	
15															6.9	0.02	0.02	7.0	0.05150	0.0	
16															7.3	0.05	0.05	6.5	0.05070	0.3	
17															7.3	0.02	0.02	5.9	0.05390	0.1	
18															7.2	0.06	0.06	6.3	0.04060	0.2	
19	425	197	3	1	7	3	0.5	0.23	0.6	0.28	2	11.8			7.3	0.05	0.05	6.3	0.05450	2.8	
20															7.2	0.12	0.12	6.3	0.05780	0.5	
21															7.1	0.03	0.03	7.5	0.05880	0.0	
22															7.0	0.03	0.03	6.7	0.06010	0.0	
23															7.3	0.12	0.06	6.7	0.05190	0.0	
24															7.0	0.01	0.01	6.9	0.04400	0.0	
25															7.0	0.08	0.08	8.2	0.04130	0.0	
26		7	2	1	7	3	0.5	0.22	0.7	0.33	12	25.4			6.9	0.04	0.04	7.4	0.05300	0.0	
27															7.0	0.05	0.05	8.2	0.04570	0.0	
28															6.8	0.01	0.01	8.8	0.04520	0.0	
29															6.8	0.01	0.01	7.8	0.02950	0.2	
30															7.1	0.03	0.03	6.7	0.06150	0.0	
31																					
Min																					
Max											28				6.8			5.9			
Avg:			3	1	6	3	1.4	0.66	0.5	0.2	7	18.9	#DIV/0!	#DIV/0!	7.6	0.12	0.03		0.06150	0.04975	

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0052230				19	06	01	TO	19	06	30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	DELCORA	23-00671							
TSS	S2540D-11	DELCORA	23-00671							
Fecal Coliform	Colilert18/Quantitray	DELCORA	23-00671							
Ammonia Nitrogen	EPA -350.1/ASTM D6919-03	DELCORA/ MJ Reider	23-00671/ 06-00003							
TDS	S2540C-11	DELCORA	23-00671							
Total Phosphorous	SM-4500-P-E	DELCORA/ MJ Reider	23-00671/ 06-00003							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	HACH 10242/EPA 351.2	DELCORA/ MJ Reider	23-00671/ 06-00003							
Total Copper	EPA 200.7	MJ Reider	06-00003							
Total Nitrogen	Calculation	DELCORA	23-00671							
Nitrite + Nitrate	HACH 10206/SM4500-H+B	DELCORA/ MJ Reider	23-00671/ 06-00003							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 7/2/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: June      Year: 2019  
 Municipality: Chadds Ford Township      County: Delaware  
 Watershed: 3-G      NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0479					2,270.0	2.4	2,250.0		
2	0.0443						2.5	2,250.0		
3	0.0467					2,120.0	3.1	2,250.0		
4	0.051						3.4	2,250.0		
5	0.0558						4.2	2,250.0		
6	0.0462					2,900.0	2.0	1,125.0		
7	0.0469						3.2	2,625.0		
8	0.0546					2,690.0	1.9	3,000.0		
9	0.0449						1.2	3,000.0		
10	0.0467						2.8	3,090.0		
11	0.0367						3.9	0.0		
12	0.0572					1,930.0	4.4	2,250.0		
13	0.0589						3.3	750.0		
14	0.0548						3.8	750.0		
15	0.0515					2,400.0	1.9	750.0		
16	0.0507						2.5	2,250.0		
17	0.0539					2,500.0	1.1	2,250.0		
18	0.0406						3.1	2,250.0		
19	0.0545	425.0	193	197.0	90	2,630.0	3.7	2,250.0		
20	0.0578						3.4	2,560.0		
21	0.0588						4.4	1,500.0		
22	0.0601						4.9	2,250.0		
23	0.0519						3.9	1,650.0		
24	0.044					1,870.0	3.8	4,850.0		
25	0.0413						5.0	1,800.0		
26	0.053					2,200.0	4.3	2,175.0		
27	0.0457						5.1	1,725.0		
28	0.0452						5.0	1,725.0		
29	0.0295					2,130.0	4.2	1,800.0		
30	0.0615						4.6	2,250.0		
31										
Avg	0.05	425	193	197	90	2,353	3	2,062		
Max	0.062	425	193	197	90	2,900	5	4,850		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 7/2/2019

**Lab Report for Springhill Farm**  
**Influent & Effluent DMR Data**  
**Lab Certification No: 23-00671**



Date	21201 SF Influent BOD5 Daily Avg mg/l	21203 SF Influent TSS Daily Avg mg/l	21200 SF Effluent CBOD5 Daily Avg mg/l	21204 SF Effluent TSS Daily Avg mg/l	21207 SF Effluent NH3 Ammonia Daily Avg mg/l	21208 SF Effluent Phos. Total Daily Avg mg/l	21202 SF Effluent Fecal Coliform Daily Avg count/100ml	21219 SF Effluent NO2 Nitrite Daily Avg mg/l	21218 SF Effluent NO3 Nitrate Daily Avg mg/l	21215 SF Effluent TKN Daily Avg mg/l
Jun 1, 2019										
Jun 2, 2019										
Jun 3, 2019										
Jun 4, 2019										
Jun 5, 2019			2	6.0	4.18	0.310	3 <	0.050 (1)	14.90 (2)	8.680
Jun 6, 2019										
Jun 7, 2019										
Jun 8, 2019										
Jun 9, 2019										
Jun 10, 2019										
Jun 11, 2019										
Jun 12, 2019			3	2.8 <	0.50	0.358	28 <	0.050 (3)	12.96 (4)	1.840
Jun 13, 2019										
Jun 14, 2019										
Jun 15, 2019										
Jun 16, 2019										
Jun 17, 2019										
Jun 18, 2019										
Jun 19, 2019	425	197 (5)	3	7.0 <	0.50	0.614	2 <	0.050 (6)	10.14 (7)	1.620
Jun 20, 2019										
Jun 21, 2019										
Jun 22, 2019										
Jun 23, 2019										
Jun 24, 2019										
Jun 25, 2019										
Jun 26, 2019			2	6.6 <	0.50	0.748	12 <	0.050 (8)	23.37 (9)	1.970
Jun 27, 2019										
Jun 28, 2019										
Jun 29, 2019										
Jun 30, 2019										
Count	1	1	4	4	4	4	4	4	4	4
Maximum	425	197	3	7.0	4.18	0.748	28	0.050	23.37	8.680
Minimum	425	197	2	2.8	0.50	0.310	2	0.050	10.14	1.620
Average	425	197	3	5.6	1.42	0.507	11	0.050	15.34	3.527
Total	425	197	10	22.4	5.68	2.030	45	0.200	61.37	14.110



# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



**DELCO**  
The Delaware County  
Health and Environmental  
Control Authority

Date	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF
	Influent BOD5	Influent TSS	Effluent CBOD5	Effluent TSS	Effluent NH3 Ammonia	Effluent Phos, Total	Effluent Fecal Coliform	Effluent NO2 Nitrite	Effluent NO3 Nitrate	Effluent TKN
	Daily Avg mg/l	Daily Avg mg/l	Daily Avg count/100ml	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l				

**Comments:**

- (1) Samples diluted before analysis
- (2) Samples diluted before analysis
- (3) Samples diluted before analysis
- (4) Samples diluted before analysis.
- (5) Control is low out of spec.  
Results are qualified.  
TPB
- (6) Sample diluted prior to analysis. Result qualified.  
SM
- (7) Sample diluted prior to analysis.  
Result qualified.  
SM
- (8) Sample diluted prior to analysis
- (9) Sample diluted prior to analysis  
BB

# Lab Report for Springhill Farm

Influent & Effluent DMR Data  
 Lab Certification No: 23-00671



Date	21209 SF		21216 SF		21217 SF	
	Nitrogen, Total Calculated Daily Avg mg/l	Effluent Nitrogen, Total Calculated Daily Avg mg/l	Effluent Copper (Cu) Daily Avg mg/l	Effluent TDS Daily Avg mg/l	Effluent TDS Daily Avg mg/l	Effluent TDS Daily Avg mg/l
Jun 1, 2019						
Jun 2, 2019						
Jun 3, 2019						
Jun 4, 2019						
Jun 5, 2019 <		23.6				
Jun 6, 2019						
Jun 7, 2019						
Jun 8, 2019						
Jun 9, 2019						
Jun 10, 2019						
Jun 11, 2019						
Jun 12, 2019 <		14.9				
Jun 13, 2019						
Jun 14, 2019						
Jun 15, 2019						
Jun 16, 2019						
Jun 17, 2019						
Jun 18, 2019						
Jun 19, 2019 <		11.8				
Jun 20, 2019						
Jun 21, 2019						
Jun 22, 2019						
Jun 23, 2019						
Jun 24, 2019						
Jun 25, 2019						
Jun 26, 2019 <		25.4				
Jun 27, 2019						
Jun 28, 2019						
Jun 29, 2019						
Jun 30, 2019						
Count		4		0		0
Maximum		25.4				
Minimum		11.8				
Average		18.9				
Total		75.7				

Comments:



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

July 5, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for June 2019. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 256.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
June 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for June 2019.

Wastewater Plant

Average Daily Flow: 61,500 gallons. Peak Daily Flow: 49,750 gallons.

Sludge Hauled: 47,000 gallons

225 gallons of sodium hypochlorite were delivered.

49 bags of sodium bicarbonate were delivered.

250 gallons of aluminum sulfate were delivered.

There were no violations during the reporting period.

Sugar is being added as a food supplement when lower than average flows are experienced.

Normal operations and cleaning occurred during the monitoring period.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 5, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for July 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for July 2019. There were no violations during the month.

Please contact me at 610-876-5523, ext. 256 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Cummings, Meghan**

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, August 15, 2019 9:43 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 07/01/2019-07/31/2019  
**Report Due Date:** 08/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 161948  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 07/01/2019  
DMR Effective To: 07/31/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	TO
2019	07	01	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	5.7	mg/L	5.7	1/day	Grab
	Permit Requirement	5.0	Inst Min	5.0	1/day	Grab
pH (00400)	Sample Measurement	6.8	S.U.	7.8	1/day	Grab
	Permit Requirement	6.0	Inst Min	9.0	1/day	Grab
Total Suspended Solids (00500)	Sample Measurement	1	lb/day	2	1/week	24-Hr Composite
	Permit Requirement	25	Avg Mo	30	1/week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	<.12	Monbr & Report	<.20	1/week	24-Hr Composite
	Permit Requirement	1.7	Avg Mo	2.0	1/week	24-Hr Composite
Ammonia-Nitrogen (00710)	Sample Measurement	<.12	Monbr & Report	<.3	1/week	24-Hr Composite
	Permit Requirement	1.7	Avg Mo	2.0	1/week	24-Hr Composite
Total Phosphorus (00850)	Sample Measurement	.2	lb/day	.5	1/week	24-Hr Composite
	Permit Requirement	.8	Avg Mo	1.0	1/week	24-Hr Composite
Flow (00050)	Sample Measurement	.06910	MGD	.03	Continuous	Recorded
	Permit Requirement	.07748	Monitor & Report	.05	Continuous	Recorded
Total Residual Chlorine (TRC) (50060)	Sample Measurement	4	mg/L	14	1/day	Grab
	Permit Requirement	200	CPH100 ml	1000	1/day	Grab
Fecal Coliform (74055)	Sample Measurement	<2	mg/L	<2	1/week	24-Hr Composite
	Permit Requirement	21	Avg Mo	25	1/week	24-Hr Composite
Carbonaceous Biochemical Oxygen Demand (CBOD5) (60062)	Sample Measurement					
Permit Requirement						
Facility Sampling Point Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cover Lr July 2018.doc	Cover Letter	2019-08-12T11:12:49-04:00	
Springhill Farm Step S Item July 2018.xls	Daily Effluent Monitoring Form	2019-08-12T13:47:20-04:00	
Springhill DMR lab accord July 2018.doc	Laboratory Accreditation Form	2019-08-12T11:23:02-04:00	
Springhill Farm Influent Land Process Control Form July 2019.xls	Influent and Process Control Form	2019-08-12T13:48:22-04:00	
Springhill Farm Solids Disposal Form July 2019.xls	Sewage Sludge / Biosolids Production and Disposal Form	2019-08-12T13:48:22-04:00	
7-10-19.pdf	Laboratory Analytical Report	2019-08-12T13:48:08-04:00	
7-2-19.pdf	Laboratory Analytical Report	2019-08-12T11:46:59-04:00	
Springhill Farm Analytical July 2019.pdf	Laboratory Analytical Report	2019-08-12T11:13:37:15-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gobar	T 1336	(484)844-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE			DATE		
	AREA CODE	NUMBER	YEAR	MO	DAY	
gobers	(484)	844-2175	2019	8	15	
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY
	Stan Gobar					

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

July-19

Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent													Effluent													Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD								
1															7.2	0.04	0.04	8.2	0.04080	0.0							
2			2	1	2	1	0.1	0.04	0.7	0.28	4	20.3	0.012	687	7.0	0.04	0.04	7.6	0.04580	0.8							
3															7.1	0.06	0.06	6.8	0.04870	0.0							
4															7.0	0.04	0.04	7.1	0.03910	0.0							
5															6.8	0.01	0.01	8.0	0.04640	0.5							
6															7.0	0.07	0.07	6.4	0.05340	0.6							
7															7.0	0.01	0.01	7.2	0.04540	0.1							
8															6.8	0.08	0.08	5.9	0.04850	0.1							
9															7.1	0.00	0.00	6.6	0.03700	0.0							
10	347	196	2	1	2	1	0.1	0.05	0.4	0.16	4	23.7			7.4	0.02	0.02	7.5	0.05480	0.0							
11															7.0	0.02	0.02	7.7	0.05130	1.3							
12															7.4	0.04	0.04	6.8	0.05910	0.0							
13															7.0	0.01	0.01	6.4	0.05070	0.0							
14															7.5	0.02	0.02	6.5	0.05030	0.0							
15															7.6	0.04	0.04	6.8	0.04810	0.0							
16															7.2	0.03	0.03	6.7	0.03440	0.0							
17			3	1	2	1	0.5	0.24	0.4	0.19	1	25.2			7.5	0.04	0.04	7.2	0.05750	0.3							
18															7.0	0.04	0.04	6.6	0.04340	0.7							
19															7.2	0.07	0.07	6.3	0.04610	0.0							
20															7.2	0.05	0.05	6.1	0.04680	0.0							
21															7.3	0.06	0.06	5.7	0.05310	0.0							
22															7.1	0.00	0.00	6.3	0.05170	1.7							
23			2	1	1	1	0.5	0.25	0.4	0.20	3	10.4			6.8	0.00	0.00	7.2	0.05610	0.1							
24															7.3	0.01	0.01	6.4	0.04460	0.0							
25															7.1	0.03	0.03	6.8	0.05010	0.0							
26															7.4	0.08	0.04	7.4	0.04130	0.0							
27															7.5	0.00	0.00	6.8	0.04270	0.0							
28															7.8	0.01	0.01	6.3	0.05110	0.0							
29															7.4	0.01	0.01	6.2	0.04220	0.0							
30															7.6	0.03	0.03	6.7	0.04270	0.0							
31			3	1	3	1	0.1	0.02	0.5	0.22	20	20.4			6.8	0.03	0.03	7.7	0.04860	0.0							
Min											20				6.8			5.7									
Max											20				7.8												
Avg:			2	1	2	1	0.3	0.12	0.5	0.2	4	20.0	0.01	687.0	7.8	0.08	0.03		0.05910	0.04748							

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Telephone 610-876-5523

Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

<b>Permittee Name:</b> <u>Springhill Farm Wastewater Treatment Facility Association</u>										
<b>Address:</b> <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				19	07	01	TO	19	07	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	DELCORA	23-00671							
TSS	S2540D-11	DELCORA	23-00671							
Fecal Coliform	Collert18/Quantitray	DELCORA	23-00671							
Ammonia Nitrogen	EPA -350.1/ASTM D6919-03	DELCORA/ MJ Reider	23-00671/ 06-00003							
TDS	S2540C-11	DELCORA	23-00671							
Total Phosphorous	SM-4500-P-E	DELCORA/ MJ Reider	23-00671/ 06-00003							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	HACH 10242/EPA 351.2	DELCORA/ MJ Reider	23-00671/ 06-00003							
Total Copper	EPA 200.7	MJ Reider	06-00003							
Total Nitrogen	Calculation	DELCORA	23-00671							
Nitrite + Nitrate	HACH 10206/SM4500-H+B	DELCORA/ MJ Reider	23-00671/ 06-00003							

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.

**Name/Title Principal Executive Officer**

Phone: 610-876-5523

**Signature of Principal Executive Officer or  
Authorized Agent**

Michael J. DiSantis, Dir. of O&M

Date: 8/5/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





# SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Springhill Farm STP      Month: July      Year: 2019  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      County: Delaware  
 Renewal application due **180 days** prior to expiration.  
 This permit will expire on: **December 31, 2020**

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0408					2,170.0	4.8	2,250.0		
2	0.0458						4.7	2,250.0		
3	0.0487					2,660.0	5.6	1,500.0		
4	0.0391						5.5	2,250.0		
5	0.0464						6.4	2,250.0		
6	0.0534					2,120.0	5.1	1,500.0		
7	0.0454						5.1	2,400.0		
8	0.0485					2,150.0	4.0	1,950.0		
9	0.037						4.3	2,250.0		
10	0.0548	347.0	159	196.0	90	2,060.0	5.0	1,500.0		
11	0.0513						6.1	1,500.0		
12	0.0591						2.4	1,500.0		
13	0.0507					2,420.0	3.8	1,500.0		
14	0.0503						2.6	1,500.0		
15	0.0481					2,040.0	4.3	1,500.0		
16	0.0344						4.2	1,500.0		
17	0.0575					2,170.0	4.9	1,500.0		
18	0.0434						4.6	2,250.0		
19	0.0461						3.9	2,250.0		
20	0.0468					2,170.0	3.6	2,250.0		
21	0.0531						3.3	2,400.0		
22	0.0517					2,310.0	3.7	2,250.0		
23	0.0561						5.5	2,550.0		
24	0.0446					1,800.0	5.5	2,250.0		
25	0.0501						5.0	1,500.0		
26	0.0413						3.9	1,500.0		
27	0.0427					2,070.0	4.0	1,500.0		
28	0.0511						4.8	750.0		
29	0.0422					2,660.0	4.2	2,250.0		
30	0.0427						4.7	2,250.0		
31	0.0486					2,690.0	4.1	2,250.0		
<b>Avg</b>	<b>0.047</b>	<b>347</b>	<b>159</b>	<b>196</b>	<b>90</b>	<b>2,249</b>	<b>5</b>	<b>1,897</b>		
<b>Max</b>	<b>0.059</b>	<b>347</b>	<b>159</b>	<b>196</b>	<b>90</b>	<b>2,690</b>	<b>6</b>	<b>2,550</b>		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 8/5/2019



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 5, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 3Q 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the third quarter of 2019.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2708

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, August 15, 2019 9:54 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 07/01/2019-09/30/2019  
**Report Due Date:** 10/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 161952  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0652230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Quarterly  
DMR Effective From: 07/01/2019  
DMR Effective To: 09/30/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	TO
2019	07	01	30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Copper, Total (01942)	***	***	012	mg/L	1/quarter	24-Hr Composite
	***	***	Monitor & Report Daily Max	***	1/quarter	24-Hr Composite
Total Dissolved Solids (70285)	***	***	687	mg/L	1/quarter	24-Hr Composite
	***	***	Monitor & Report Daily Max	***	1/quarter	24-Hr Composite
Facility Sampling Point Comments						



COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL PROTECTION  
 BUREAU OF CLEAN WATER  
 DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP cov.Let. 3Q 2019.docx	Cover Letter	2019-08-12T14:00:02-04:00	
Springhill Farm Supp S form July 2019.xls	Daily Effluent Monitoring Form	2019-08-12T14:12:35-04:00	
Springhill DMR lab record July 2019.docx	Laboratory Accreditation Form	2019-08-12T14:13:12-04:00	
7-2-19 copper.pdf	Laboratory Analytical Report	2019-08-12T14:03:31-04:00	
Springhill Farm Analytical July 2019.pdf	Laboratory Analytical Report	2019-08-12T14:02:26-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley, J Gobler	T 1908	(484) 344-2175

SUBMISSION INFORMATION

SUBMITTED BY	TELEPHONE	DATE
goblers	(484) 844-2175	8
	AREA CODE NUMBER	YEAR
	SUBMITTED BY FULL NAME	MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 60, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



DEL CORA

The Delaware County  
Regional Sewerage  
District  
Central Authority

Date	21201 SF Influent BOD5 Daily Avg mg/l	21203 SF Influent TSS Daily Avg mg/l	21200 SF Effluent CBOD5 Daily Avg mg/l	21204 SF Effluent TSS Daily Avg mg/l	21207 SF Effluent NH3 Ammonia Daily Avg mg/l	21208 SF Effluent Phos, Total Daily Avg mg/l	21202 SF Effluent Fecal Coliform Daily Avg count/100ml	21219 SF Effluent NO2 Nitrite Daily Avg mg/l	21218 SF Effluent NO3 Nitrate Daily Avg mg/l	21215 SF Effluent TKN Daily Avg mg/l
Jul 1, 2019										
Jul 2, 2019		<	2	2.3 (1) <	0.10 (2)	0.740	4 (3) <	0.200 (4)	19.30 (5)	0.760
Jul 3, 2019										
Jul 4, 2019										
Jul 5, 2019										
Jul 6, 2019										
Jul 7, 2019										
Jul 8, 2019										
Jul 9, 2019										
Jul 10, 2019	347	196 (6) <	2	1.8 (7) <	0.10 (8)	0.360	4 (9) <	0.200 (10)	22.30 (11)	1.150
Jul 11, 2019										
Jul 12, 2019										
Jul 13, 2019										
Jul 14, 2019										
Jul 15, 2019										
Jul 16, 2019			3	2.0 <	0.50 (12)	0.400	1 <	0.050	23.01 (13)*	2.140
Jul 17, 2019										
Jul 18, 2019										
Jul 19, 2019										
Jul 20, 2019										
Jul 21, 2019										
Jul 22, 2019										
Jul 23, 2019		<	2	1.4 <	0.50	0.433	3 <	0.050 (14)	9.39 (15) <	1.000
Jul 24, 2019										
Jul 25, 2019										
Jul 26, 2019										
Jul 27, 2019										
Jul 28, 2019										
Jul 29, 2019										
Jul 30, 2019										
Jul 31, 2019		(16)	3	3.3 <	0.05	0.546	20 <	0.050 (17)	19.32 (18) <	1.000
Count	1	1	5	5	5	5	5	5	5	5
Maximum	347	196	3	3.3	0.50	0.740	20	0.200	23.01	2.140
Minimum	347	196	2	1.4	0.05	0.360	1	0.050	9.39	0.760
Average	347	196	2	2.2	0.25	0.496	6	0.110	18.66	1.210
Total	347	196	12	10.8	1.25	2.479	32	0.550	93.32	6.050



# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



**DELCORA**  
The Delaware County  
Public Health  
Control Authority

Date	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF
	Influent BOD5	Influent TSS	Effluent CBOD5	Effluent TSS	Effluent NH3 Ammonia	Effluent Phos, Total	Effluent Fecal Coliform	Effluent NO2 Nitrite	Effluent NO3 Nitrate	Effluent TKN
	Daily Avg mg/l	Daily Avg mg/l	Daily Avg count/100ml	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l				

**Comments:**

- (1) MJR
- (2) MJR
- (3) MJR
- (4) MJR
- (5) MJR
- (6) Control out of spec - Low  
BB
- (7) MJR
- (8) MJR
- (9) MJR
- (10) MJR
- (11) MJR
- (12) Spike out of spec - Low  
BB
- (13) Blank out of spec - High  
Control out of spec - High  
BB
- (14) Samples diluted before analysis.  
TPB
- (15) Samples diluted before analysis.  
TPB
- (16) Control out of spec - Low  
BB
- (17) Result qualified. Sample diluted prior to analysis.
- SM
- (18) Result qualified. Sample diluted prior to analysis.
- SM

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



Date	21209 SF Effluent Nitrogen, Total Calculated Daily Avg mg/l	21216 SF Effluent Copper (Cu) Daily Avg mg/l	21217 SF Effluent TDS Daily Avg mg/l
Jul 1, 2019			
Jul 2, 2019 (19) <	20.3 (20)	0.012	687.000
Jul 3, 2019			
Jul 4, 2019			
Jul 5, 2019			
Jul 6, 2019			
Jul 7, 2019			
Jul 8, 2019			
Jul 9, 2019			
Jul 10, 2019 (21) <	23.7		
Jul 11, 2019			
Jul 12, 2019			
Jul 13, 2019			
Jul 14, 2019			
Jul 15, 2019			
Jul 16, 2019			
Jul 17, 2019 <	25.2		
Jul 18, 2019			
Jul 19, 2019			
Jul 20, 2019			
Jul 21, 2019			
Jul 22, 2019			
Jul 23, 2019 <	10.4		
Jul 24, 2019			
Jul 25, 2019			
Jul 26, 2019			
Jul 27, 2019			
Jul 28, 2019			
Jul 29, 2019			
Jul 30, 2019			
Jul 31, 2019 <	20.4		
Count	5	1	1
Maximum	25.2	0.012	687.000
Minimum	10.4	0.012	687.000
Average	20.0	0.012	687.000
Total	100.0	0.012	687.000

Comments:

(19) MJR

(20) MJR

(21) MJR



**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

# Certificate of Analysis

**Laboratory No.:** 9022137

**Report:** 07/05/19

**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Signore  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF (Quarterly)

**Lab ID:** 9022137-01    **Collected By:** Client    **Sampled:** 07/02/19 07:00    **Received:** 07/02/19 14:05  
**Sample Desc:** Springhill Effluent    **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
Total Metals							
Copper	0.012	mg/l	0.001	EPA 200.8 Rev 5.4	07/03/19		MPB

### Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
9022137-01			
EPA 200.8 Rev 5.4	EPA 200.2	07/03/2019	RES



107 Angelica Street ☉ Reading, PA 19611 ☉ [www.mjreider.com](http://www.mjreider.com) ☉ (610) 374-5129 ☉ fax (610) 374-7234

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.  
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current  
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.  
Additional accreditations by CT (PH-0210), MD (261), NY(12094)



**M.J. Reider Associates, Inc.**  
 107 Angelica St, Reading PA, 19611  
 610-374-5129 www.mjreider.com

Client Code: 2639

Project Manager: Bradley T Griffiths

Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

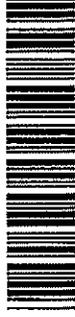
Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

**WORK ORDER**  
**Chain of Custody**

Client: DELCORA

Project: Springhill EFF (Quarterly)

9022137



Project Notes: Mike Krause - Office (610) 876-5523 x 218 -  
 Cell (610) 633-4002

Comments:

Collected By: Delcorna

9022137-01 Springhill Effluent

Cu EPA 200.8

Matrix: Non-Potable Water

Type: Composite (Simple)

A - PI 500ml HNO3

Date: 7-2-19

Time: 0700

Relinquished By: [Signature] Date/Time: 7-2-19

Relinquished By: [Signature] Date/Time: 7-2-19

The Client, by signing (or having the client's agent sign), agrees to MIRA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.

Received By: [Signature] Date/Time: 7/2/19 1100  
 Received at Laboratory By: [Signature] Date/Time: 7/2/19 1405

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	<u>-11.3</u>
Samples on Ice?	<input checked="" type="radio"/> YES <input type="radio"/> No <input type="radio"/> NA
Approved By:	<u>[Signature]</u>
Entered By:	<u>[Signature]</u>

**M.J. Reider Associates, Inc.**

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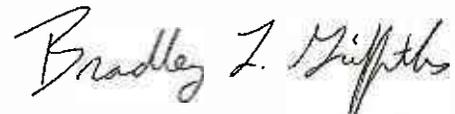
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**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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Additional accreditations by CT (PH-0210), MD (261), NY(12094)



**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

# Certificate of Analysis

**Laboratory No.:** 9022136

**Report:** 07/09/19

**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Signore  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 9022136-01    **Collected By:** Client    **Sampled:** 07/02/19 07:00    **Received:** 07/02/19 14:05  
**Sample Desc:** Springhill Effluent    **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	07/03/19		APR
Nitrate as N	19.3	mg/l	4.00	EPA 300.0 Rev 2.1	07/03/19 12:07		MRW
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	07/02/19 19:35		MRW
Nitrogen, Total Kjeldahl (TKN)	0.76	mg/l	0.50	EPA 351.2	07/05/19		WKII
Phosphorus as P, Total	0.74	mg/l	0.05	SM 4500-P E	07/03/19		JCL

### Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
9022136-01			
SM 4500-P E	SM 4500-P B	07/03/2019	JCL



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**M.J. Reider Associates, Inc.**  
 107 Angelica St, Reading PA, 19611  
 610-374-5129 www.mjreider.com

**WORK ORDER**  
 Chain of Custody

Client Code: 2639

Project Manager: Bradley T Griffiths

Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Client: DELCORA  
 Project: Springhill EFF

Project Notes: Mike Krause - Office (610) 876-5523 x 218 -  
 Cell (610) 633-4002



9022136

Comments:

Collected By: Delcora

9022136-01 Springhill Effluent

N02-N EPA 300.0, NO3-N EPA 300.0

NH3-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Matrix: Non-Potable Water  
 Type: Composite (Simple)

A - PI 500ml H2SO4

B - PI 250ml NP

Date: 7-2-19

Time: 0700

Relinquished By: Matthew Dyjane Date/Time: 7-2-19  
 Received By: VJ Date/Time: 7/2/19 1100  
 Relinquished By: VJ Date/Time: 7/2/19  
 Received at Laboratory: VJ Date/Time: 7/2/19 1405

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	-4.5
Samples on Ice?	NO NA
Approved By:	<u>VJ</u>
Entered By:	<u>VJ</u>

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**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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# Certificate of Analysis

**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

**Laboratory No.:** 9023306

**Report:** 07/17/19

**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Signore  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 9023306-01    **Collected By:** Client    **Sampled:** 07/10/19 06:30    **Received:** 07/10/19 15:45  
**Sample Desc:** Springhill Effluent    **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	07/11/19		IRG
Nitrate as N	22.3	mg/l	10.0	EPA 300.0 Rev 2.1	07/11/19 10:28		JAF
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	07/11/19 1:54		JAF
Nitrogen, Total Kjeldahl (TKN)	1.15	mg/l	0.50	EPA 351.2	07/16/19		RCE
Phosphorus as P, Total	0.36	mg/l	0.05	SM 4500-P E	07/11/19		JCL

## Preparation Methods

Specific Metho	Preparation Method	Prepared Date	Prepared By
<b>9023306-01</b>			
SM 4500-P E	SM 4500-P B	07/11/2019	JCL



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**M.J. Reider Associates, Inc.**  
 107 Angelica St, Reading PA, 19611  
 610-374-5129 www.mjreider.com  
 Client Code: 2639

**Project Manager: Bradley T Griffiths**  
**Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016**  
**Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016**

**WORK ORDER**  
**Chain of Custody**

Client: DELCORA  
 Project: Springhill EFF

9023306



Project Notes: Mike Krause - Office (610) 876-5523 x 218 -  
 Cell (610) 633-4002

Comments:

Collected By: Delcova

9023306-01 Springhill Effluent

NO2-N EPA 300.0, NO3-N EPA 300.0  
 NH3-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Matrix: Non-Potable Water  
 Type: Composite (Simple)

A - PI 500ml H2SO4  
 B - PI 250ml NP

Date: 7-10-19  
 Time: 0630

Relinquished By: Michael Krause Date/Time: 7-10-19  
 Received By: [Signature] Date/Time: 7/10/19 1545  
 Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received at Laboratory By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	<u>2.1</u>
Samples on Ice?	<u>NA</u>
Approved By:	<u>[Signature]</u>
Entered By:	<u>[Signature]</u>

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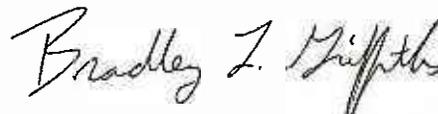
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Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



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DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

August 5, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for July 2019. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 256.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
July 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for July 2019.

Wastewater Plant

Average Daily Flow: 47,480 gallons. Peak Daily Flow: 59,100 gallons.

Sludge Hauled: 27,000 gallons

200 gallons of sodium hypochlorite were delivered.

40 bags of sodium thiosulfate were delivered.

250 gallons of aluminum sulfate were delivered.

There were no violations during the reporting period.

The main entrance gate and fence around the property was repaired.

Sugar is being added as a food supplement when lower than average flows are experienced.

Normal operations and cleaning occurred during the monitoring period.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

September 5, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for August 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for August 2019. There were no violations during the month.

Please contact me at 610-876-5523, ext. 256 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Thursday, September 19, 2019 10:22 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 08/01/2019-08/31/2019  
**Report Due Date:** 09/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 166527  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WHITE ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA 0052330  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 08/01/2019  
DMR Effective To: 08/31/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM	2019	08	TO	2019	08
		01			31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (00300)	Sample Measurement	6.1	mg/L		1/day	Grab
	Permit Requirement	5.0 Inst Min			1/day	Grab
pH (00400)	Sample Measurement	6.3	S.L.	7.6	1/day	Grab
	Permit Requirement	6.0 Inst Min		8.0 I/MAX	1/day	Grab
Total Suspended Solids (00500)	Sample Measurement	1	mg/L		1/week	24-Hr Composite
	Permit Requirement	25 Avg Mo		30 Avg Mo	1/week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	<.19	mg/L	<.5	1/week	24-Hr Composite
	Permit Requirement	1.7 Avg Mo		Monitor & Report Avg Mo	1/week	24-Hr Composite
Ammonia-Nitrogen (00610)	Sample Measurement	.17	mg/L	0.0	1/week	24-Hr Composite
	Permit Requirement	.2 Avg Mo		0.0 Avg Mo	1/week	24-Hr Composite
Total Phosphorus (00655)	Sample Measurement	.8	mg/L	1.0	1/week	24-Hr Composite
	Permit Requirement	.05450 Avg Mo		1.0 Avg Mo	1/week	24-Hr Composite
Flow (00050)	Sample Measurement	0.6327	MGD		Continuous	Recorded
	Permit Requirement	Monitor & Report Daily Max			Continuous	Recorded
Total Residual Chlorine (TRC) (00660)	Sample Measurement		mg/L	.03	1/day	Grab
	Permit Requirement			.06 Avg Mo	1/day	Grab
Fecal Coliform (74055)	Sample Measurement		CFU/100 ml	9	1/week	Grab
	Permit Requirement			200 I/MAX	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80090)	Sample Measurement	1	mg/L	3	1/week	24-Hr Composite
	Permit Requirement	21 Avg Mo		25 Avg Mo	1/week	24-Hr Composite
Facility Sampling Point Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cover Lr. August 2019.doc	Cover Letter	2019-09-09T15:01:59-04:00	
Springhill Farm Supp S form August 2019.xls	Daily Effluent Monitoring Form	2019-09-09T15:13:46-04:00	
Springhill DMR lab record August 2019.doc	Laboratory Accreditation Form	2019-09-09T15:04:09-04:00	
Springhill Farm Influent and Process Control Form August 2019.xls	Influent and Process Control Form	2019-09-09T15:10:49-04:00	
Springhill Farm Solids Disposal Form August 2019.xls	Sewage Sludge / Biosolids Production and Disposal Form	2019-09-09T15:20:43-04:00	
Springhill Farm Analytical August 2019.pdf	Laboratory Analytical Report	2019-09-09T15:05:26-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J. Gobar	T. 1938	(484)344-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 89, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted, based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).		TELEPHONE	DATE
	gobers	Stan Gobar	(484) 844-2175	2019 9 19
		SUBMITTED BY FULL NAME	AREA CODE NUMBER	YEAR MO DAY

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S) August-19  
 Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BODs mg/l	TSS mg/l	cBODs mg/l	cBODs lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															7.3	0.00	0.00	6.7	0.04160	0.0	
2															7.3	0.02	0.02	6.5	0.04720	0.0	
3															7.6	0.12	0.08	6.8	0.04410	0.0	
4															7.3	0.06	0.06	6.3	0.04380	0.0	
5															7.1	0.04	0.04	6.9	0.03610	0.0	
6															7.0	0.06	0.06	7.0	0.03990	0.0	
7			3	1	4	2	0.5	0.19	0.6	0.22	10	29.6			7.0	0.00	0.00	7.3	0.04660	0.8	
8															6.3	0.06	0.04	6.8	0.04500	0.2	
9															7.0	0.04	0.04	6.9	0.04050	0.0	
10															7.3	0.06	0.06	7.7	0.03571	0.0	
11															6.6	0.05	0.05	7.4	0.03620	0.0	
12															7.0	0.01	0.01	7.0	0.03460	0.0	
13	288	106	2	1	2	1	0.5	0.19	0.8	0.30	3	26.3			7.0	0.02	0.02	7.6	0.04640	0.1	
14															7.0	0.01	0.01	6.1	0.03450	0.8	
15															7.4	0.01	0.01	6.1	0.04580	0.0	
16															7.2	0.06	0.06	6.3	0.04880	0.0	
17															7.3	0.02	0.02	7.0	0.04940	0.0	
18															7.2	0.06	0.06	7.0	0.04700	0.0	
19															6.7	0.00	0.00	6.5	0.04070	0.0	
20			2	1	3	1	0.5	0.16	0.5	0.16	8	21.6			7.0	0.00	0.00	6.8	0.03950	0.0	
21															6.7	0.05	0.05	6.9	0.04840	0.3	
22															6.7	0.00	0.00	7.0	0.04480	0.2	
23															7.2	0.04	0.04	6.8	0.04390	0.0	
24															7.0	0.00	0.00	7.0	0.04660	0.3	
25															7.4	0.05	0.05	6.6	0.03870	0.0	
26															7.3	0.01	0.01	6.6	0.04970	0.0	
27															6.9	0.03	0.03	7.2	0.03690	0.0	
28			3	1	6	3	0.5	0.22	0.5	0.23	23	26.2			7.4	0.11	0.08	6.4	0.05330	0.0	
29															7.2	0.07	0.07	6.1	0.03550	0.0	
30															7.3	0.01	0.01	6.3	0.04080	0.0	
31															7.1	0.08	0.08	7.1	0.03940	0.0	
Min															6.3			6.1			
Max											23				7.6	0.12			0.05450		
Avg:			3	1	4	1	0.5	0.19	0.6	0.2	9	25.9	#DIV/0!	#DIV/0!			0.03		0.04327		

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Telephone 610-876-5523

Fecal coliform is geometric mean



## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0052230				19	08	01	TO	19	08	31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	DELCORA	23-00671							
TSS	S2540D-11	DELCORA	23-00671							
Fecal Coliform	Colilert18/Quantitray	DELCORA	23-00671							
Ammonia Nitrogen	EPA -350.1/ASTM D6919-03	DELCORA/ MJ Reider	23-00671/ 06-00003							
TDS	S2540C-11	DELCORA	23-00671							
Total Phosphorous	SM-4500-P-E	DELCORA/ MJ Reider	23-00671/ 06-00003							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	HACH 10242/EPA 351.2	DELCORA/ MJ Reider	23-00671/ 06-00003							
Total Copper	EPA 200.7	MJ Reider	06-00003							
Total Nitrogen	Calculation	DELCORA	23-00671							
Nitrite + Nitrate	HACH 10206/SM4500-H+B	DELCORA/ MJ Reider	23-00671/ 06-00003							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&M

Date: 9/4/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.



**SUPPLEMENTAL REPORT  
SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL**

Facility Name: Spring Hill Farm STP  
 Municipality: Chadds Ford Township County: Delaware  
 Watershed: 3-G

Month: August Year: 2019  
 NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration  
 This permit will expire on: December 31, 2020

**SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)**

Check here if there were no off-site removal events during the month

Date	Liquid Sewage Sludge/Biosolids Hauled Off-site		Dewatered Sewage Sludge/Biosolids Hauled Off-site		Sewage Sludge/Biosolids Dewatered and Incinerated On-site				
	Gallons	% Solids	Dry Tons	Tons Dewatered	Dry Tons	% Solids	Tons Dewatered	% Solids	Dry Tons
8/1/18	8,200		0.000						
8/2/19	4,600		0.000						
8/8/19	4,600		0.000						
8/9/19	4,600		0.000						
8/15/19	7,200		0.000						
8/16/19	4,600		0.000						
8/22/19	4,600		0.000						
8/29/19	6,100		0.000						
8/30/19	3,000		0.000						
TOTAL:									

**SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION**  
 (Identify all sites where biosolids or ash were disposed or land applied)

Site Name	DELCORA STP		Goose Creek WWTP	
Municipality	Chester City	Borough of West Chester		
County	Delaware	Chester		
DEP Permit No.	PA0027103	PA0027031		
Type of Material*	liquid			
Dry Tons Applied/Disposed				
Type of Disposal/Use*	Incineration	Haul Liquid		
Hauler Name	McGovern	McGovern		
TOTAL:				

\* See Instructions for explanation.

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: September 4, 2019



**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP County: Delaware Month: August Year: 2019  
 Municipality: Chadds Ford Township NPDES Permit No.: PA0052230  
 Watershed: 3-G Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0416						2.2	3,000.0
2	0.0472						2.5	3,000.0
3	0.0441					2,490.0	2.5	3,000.0
4	0.0438						4.0	3,300.0
5	0.0361					2,320.0	4.4	2,625.0
6	0.0399						4.6	450.0
7	0.0466					2,100.0	4.5	450.0
8	0.045						4.5	1,500.0
9	0.0405						4.7	1,500.0
10	0.0357					2,360.0	5.3	1,050.0
11	0.0362						4.9	2,625.0
12	0.0346					1,920.0	4.9	1,875.0
13	0.0464	288.0	111	106.0	41		4.5	750.0
14	0.0545					2,180.0	3.8	750.0
15	0.0458						2.4	750.0
16	0.0488					2,560.0	1.8	1,500.0
17	0.0494						1.6	1,500.0
18	0.047						2.6	2,250.0
19	0.0407					2,161.0	3.8	1,800.0
20	0.0395						3.8	2,025.0
21	0.0484					2,270.0	2.8	1,875.0
22	0.0448						2.6	1,875.0
23	0.0439					1,900.0	2.9	1,875.0
24	0.0466						3.3	1,875.0
25	0.0382						3.3	1,875.0
26	0.0497					2,370.0	4.7	1,500.0
27	0.0369						5.6	2,250.0
28	0.0533					2,740.0	2.4	1,500.0
29	0.0355						2.2	2,250.0
30	0.0408						2.4	2,250.0
31	0.0394					2,080.0	2.6	2,250.0
Avg	0.043	288	111	106	41	2,265	3	1,841
Max	0.055	288	111	106	41	2,740	6	3,300

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 9/4/2019

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



Date	21201 SF Influent BOD5 Daily Avg mg/l	21203 SF Influent TSS Daily Avg mg/l	21200 SF Effluent CBOD5 Daily Avg mg/l	21204 SF Effluent TSS Daily Avg mg/l	21207 SF Effluent NH3 Ammonia Daily Avg mg/l	21208 SF Effluent Phos, Total Daily Avg mg/l	21202 SF Effluent Fecal Coliform Daily Avg count/100ml	21219 SF Effluent NO2 Nitrite Daily Avg mg/l	21218 SF Effluent NO3 Nitrate Daily Avg mg/l	21215 SF Effluent TKN Daily Avg mg/l
Aug 1, 2019										
Aug 2, 2019										
Aug 3, 2019										
Aug 4, 2019										
Aug 5, 2019										
Aug 6, 2019										
Aug 7, 2019			3	4.0 <	0.50	0.557	10 <	0.050 (1)	26.76 (2)	2.780
Aug 8, 2019										
Aug 9, 2019										
Aug 10, 2019										
Aug 11, 2019										
Aug 12, 2019										
Aug 13, 2019			2	1.6 <	0.50	0.788	3 <	0.050 (4)	25.00 (5)*	1.210
Aug 14, 2019	288	106 (3)*								
Aug 15, 2019										
Aug 16, 2019										
Aug 17, 2019										
Aug 18, 2019										
Aug 19, 2019										
Aug 20, 2019			2	2.5 <	0.50	0.482	8 <	0.050 (6)	20.20 (7)	1.330
Aug 21, 2019										
Aug 22, 2019										
Aug 23, 2019										
Aug 24, 2019										
Aug 25, 2019										
Aug 26, 2019										
Aug 27, 2019										
Aug 28, 2019			3	6.0 <	0.50	0.521	23 <	0.050 (8)	23.07 (9)	3.060
Aug 29, 2019										
Aug 30, 2019										
Aug 31, 2019										
Count	1	1	4	4	4	4	4	4	4	4
Maximum	288	106	3	6.0	0.50	0.788	23	0.050	26.76	3.060
Minimum	288	106	2	1.6	0.50	0.482	3	0.050	20.20	1.210
Average	288	106	3	3.5	0.50	0.587	11	0.050	23.76	2.095
Total	288	106	10	14.1	2.00	2.348	44	0.200	95.03	8.380

**Lab Report for Springhill Farm**  
 Influent & Effluent DMR Data  
 Lab Certification No: 23-00671



Date	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF Influent BOD5	SF Influent TSS	SF Effluent CBOD5	SF Effluent TSS	SF Effluent NH3 Ammonia	SF Effluent Phos, Total	SF Effluent Fecal Coliform	SF Effluent NO2 Nitrite	SF Effluent NO3 Nitrate	SF Effluent TKN
	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg count/100ml	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l

Comments:

(1) Samples diluted before analysis.  
 BB

(7) Result qualified. Sample diluted prior to analysis.  
 Low CCV Standard recovery > 120%

(2) Samples diluted before analysis  
 BB

(3) Blank out of spec - High  
 BB

(4) Samples diluted before analysis.  
 TPB

(5) Blank out of spec - High  
 Control out of spec - High  
 TPB

(6) Result Qualified. Sample diluted prior to analyses.  
 SM

SM

(8) Samples diluted before analysis  
 BB

(9) Samples diluted before analysis  
 BB

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



Date	21209 SF Effluent Nitrogen, Total Calculated Daily Avg mg/l	21216 SF Effluent Copper (Cu) Daily Avg mg/l	21217 SF Effluent TDS Daily Avg mg/l
Aug 1, 2019			
Aug 2, 2019			
Aug 3, 2019			
Aug 4, 2019			
Aug 5, 2019			
Aug 6, 2019			
Aug 7, 2019	29.6		
Aug 8, 2019			
Aug 9, 2019			
Aug 10, 2019			
Aug 11, 2019			
Aug 12, 2019			
Aug 13, 2019	26.3		
Aug 14, 2019			
Aug 15, 2019			
Aug 16, 2019			
Aug 17, 2019			
Aug 18, 2019			
Aug 19, 2019			
Aug 20, 2019	21.6		
Aug 21, 2019			
Aug 22, 2019			
Aug 23, 2019			
Aug 24, 2019			
Aug 25, 2019			
Aug 26, 2019			
Aug 27, 2019			
Aug 28, 2019	26.2		
Aug 29, 2019			
Aug 30, 2019			
Aug 31, 2019			
<b>Count</b>	4	0	0
<b>Maximum</b>	29.6		
<b>Minimum</b>	21.6		
<b>Average</b>	25.9		
<b>Total</b>	103.7		

Comments:



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

September 19, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for August 2019. There were no violations during the month.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 256.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
August 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for August 2019.

Wastewater Plant

Average Daily Flow: 43,270 gallons. Peak Daily Flow: 54,500 gallons.

Sludge Hauled: 44,800 gallons

450 gallons of sodium hypochlorite were delivered.

49 bags of sodium thiosulfate were delivered.

250 gallons of aluminum sulfate were delivered.

There were no violations during the reporting period.

A return activated sludge line was blocked. It was necessary to dismantle a portion of the line to clear the blockage. The system is working properly.

Sugar is being added as a food supplement when lower than average flows are experienced.

Normal operations and cleaning occurred during the monitoring period.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

October 5, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for September 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for September 2019. There were three violations for the monitoring period for failure to monitor. Due to a miscommunication with the DELCOA operators, the facility was not manned on September 22<sup>nd</sup>. New procedures have been put in place to insure this will not happen again.

Please contact me at 610-876-5523, ext. 256 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, October 16, 2019 11:57 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 09/01/2019-09/30/2019  
**Report Due Date:** 10/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 170471  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 09/01/2019  
DMR Effective To: 09/30/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	TO
2019	09	01	30

PARAMETERS REPORTED VALUES

PARAMETER	Sample Measurement Permit Requirement Comments	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	UNITS	VALUE	VALUE	UNITS			
Dissolved Oxygen (0030)	Permit Requirement: 5.0 Inst Min	5.9	***	***	***	***	1/day	Grab	
		5.0	Inst Min	***	***	***	1/day	Grab	
pH (0400)	Permit Requirement: 6.7 Inst Min	6.7	***	***	7.6	S.U.	1/day	Grab	
		6.0	Inst Min	***	8.0	IMAX	1/day	Grab	
Total Suspended Solids (0530)	Permit Requirement: 25 Avg Mo	2	***	***	***	***	1/week	24-Hr Composite	
		30	Avg Mo	***	***	***	1/week	24-Hr Composite	
Total Nitrogen (0620)	Permit Requirement: 0.45 Monitor & Report Daily Max	<0.35	***	***	***	***	1/week	24-Hr Composite	
		0.45	Monitor & Report Avg Mo	***	***	***	1/week	24-Hr Composite	
Ammonia-Nitrogen (0610)	Permit Requirement: 1.7 Avg Mo	0.4	***	***	***	***	1/week	24-Hr Composite	
		2.0	Avg Mo	***	***	***	1/week	24-Hr Composite	
Total Phosphorus (0695)	Permit Requirement: 0.1 Avg Mo	0.1	***	***	***	***	1/week	24-Hr Composite	
		1.0	Avg Mo	***	***	***	1/week	24-Hr Composite	
Flow (5050)	Permit Requirement: Monitor & Report Daily Max	0.09	MGD	***	***	***	Continuous	Recorded	
		0.09	Monitor & Report Avg Mo	***	***	***	Continuous	Recorded	
Total Residual Chlorine (TRC) (5060)	Permit Requirement: 0.4 Avg Mo	0.4	***	***	1.3	***	1/day	Grab	
		0.6	Avg Mo	***	1.4	IMAX	1/day	Grab	
Facial Coliform (7405)	Permit Requirement: 11 Avg Mo	11	***	***	30	CFU/100 ml	1/week	Grab	
		200	Avg Mo	***	1000	IMAX	1/week	Grab	
Carbonaceous Biochemical Oxygen Demand (CBOD5) (6012)	Permit Requirement: 0.1 Avg Mo	0.1	***	***	***	***	1/week	24-Hr Composite	
		0.2	Avg Mo	***	0.5	***	1/week	24-Hr Composite	
Facility Sampling Point Comments									
There were three violations for the monitoring period for failure to monitor pH, DO and TRC. This was due to a miscommunication with the DELCORA operators, the facility was not manned on September 22nd. New procedures have been put in place to insure this will not happen again.									
There were three violations for the monitoring period for failure to monitor pH, DO and TRC. This was due to a miscommunication with the DELCORA operators, the facility was not manned on September 22nd. New procedures have been put in place to insure this will not happen again.									



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cover Ltr. September 2019.doc	Cover Letter	2019-10-15T11:54:51-04:00	
Springhill Farm Sops S form September 2019.xls	Daily Effluent Monitoring Form	2019-10-14T11:12:59-04:00	
Springhill Farm Influent and Process Control Form September 2019.xls	Influent and Process Control Form	2019-10-14T11:12:59-04:00	
Springhill Farm Solids Disposal Form September 2019.xls	Sewage Sludge / Biosolids Production and Disposal Form	2019-10-14T11:12:59-04:00	
Springhill Farm Subcontract Analytical 9-18-19.pdf	Laboratory Analytical Report	2019-10-14T11:12:59-04:00	
Springhill Farm Analytical September 2019.pdf	Laboratory Analytical Report	2019-10-14T11:12:59-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
96599	Sample collection less frequent than required					There were three violations for the monitoring period for failure to monitor pH, DO and TRC. This was due to a miscommunication with the DELCORA operators, the facility was not warned on September 22nd. New procedures have been put in place so there are no repeat violations.

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
There were three violations for the monitoring period for failure to monitor pH, DO and TRC. This was due to a miscommunication with the DELCORA operators, the facility was not warned on September 22nd. New procedures have been put in place so there are no repeat violations.	Stanley J Gober	T 1938	(484)844-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	gobers	STANLEY J GOBER	TELEPHONE		DATE		
			(484)	844-2175		2019	10
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

**DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)**  
 Month: **September-19**

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD <sub>5</sub> mg/l	TSS mg/l	cBOD <sub>5</sub> lbs.	TSS mg/l	TSS lbs.	NH <sub>3</sub> mg/l	NH <sub>3</sub> lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD			
1														7.0	0.01	0.01	6.9	0.04410	0.0		
2														6.9	0.03	0.03	6.6	0.04440	0.7		
3														7.0	0.05	0.05	5.9	0.04140	0.0		
4			1	2	1	0.5	0.18	0.4	0.14	18	22.2			7.1	0.01	0.01	6.8	0.04210	0.3		
5			3											6.9	0.06	0.06	6.8	0.04920	0.0		
6														6.8	0.01	0.01	7.2	0.03850	0.2		
7														7.0	0.00	0.00	7.5	0.04330	0.0		
8														6.7	0.05	0.05	7.4	0.04660	0.0		
9														6.7	0.01	0.01	7.0	0.03970	0.0		
10	301	186	0	4	1	0.5	0.12	0.2	0.05	30	29.9			6.9	0.05	0.05	7.0	0.02780	0.0		
11														6.8	0.03	0.03	7.4	0.04770	0.0		
12														7.4	0.05	0.05	6.5	0.05220	0.2		
13														7.3	0.02	0.02	6.5	0.04980	0.0		
14														7.3	0.12	0.12	7.0	0.04820	0.1		
15														7.4	0.12	0.12	6.9	0.05690	0.0		
16														7.0	0.04	0.04	7.0	0.04670	0.0		
17														7.1	0.09	0.09	7.0	0.03920	0.0		
18			1	2	1	0.1	0.04	0.5	0.19	8	23.5			7.5	0.03	0.03	7.1	0.04370	0.0		
19														7.0	0.01	0.01	7.5	0.02340	0.0		
20														7.0	0.03	0.03	7.3	0.05940	0.0		
21														6.8	0.04	0.04	7.0	0.04910	0.0		
22																		0.04910			
23														7.2	0.04	0.04	7.0	0.03930	0.0		
24			1	2	1	0.5	0.19	0.6	0.22	3	18.5			7.5	0.02	0.02	7.1	0.04630	0.0		
25														7.6	0.13	0.10	6.5	0.04210	0.0		
26														7.6	0.06	0.06	6.5	0.04180	0.0		
27														7.3	0.01	0.01	6.2	0.04950	0.0		
28														7.2	0.07	0.07	6.5	0.05030	0.0		
29														7.1	0.06	0.06	7.7	0.04690	0.0		
30														7.2	0.08	0.08	6.9	0.04150	0.0		
31																					
Min														6.7							
Max										30	23.5			7.6				0.05940			
Avg:			2	2	1	0.4	0.13	0.4	0.1	11	23.5	#DIV/0!	#DIV/0!		0.13	0.04		0.04467			

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC  
 Telephone 610-876-5523  
 Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				19	09	01	TO	19	09	30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	DELCORA	23-00671							
TSS	S2540D-11	DELCORA	23-00671							
Fecal Coliform	Colilert18/Quantitray	DELCORA	23-00671							
Ammonia Nitrogen	EPA -350.1/ASTM D6919-03	DELCORA/ MJ Reider	23-00671/ 06-00003							
TDS	S2540C-11	DELCORA	23-00671							
Total Phosphorous	SM-4500-P-E	DELCORA/ MJ Reider	23-00671/ 06-00003							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	HACH 10242/EPA 351.2	DELCORA/ MJ Reider	23-00671/ 06-00003							
Total Copper	EPA 200.7	MJ Reider	06-00003							
Total Nitrogen	Calculation	DELCORA	23-00671							
Nitrite + Nitrate	HACH 10206/SM4500-H+B	DELCORA/ MJ Reider	23-00671/ 06-00003							

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantis, Dir. of O&MDate: 10/4/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP County: Delaware  
 Municipality: Chadds Ford Township  
 Watershed: 3-G

Month: September Year: 2019  
 NPDES Permit No.: PA0052230  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent					Process Control				
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0441						3.0	2,250.0		
2	0.0444					2,740.0	2.6	4,500.0		
3	0.0414						3.0	2,250.0		
4	0.0421					2,190.0	2.5	3,000.0		
5	0.0492						4.1	1,500.0		
6	0.0385						3.9	1,875.0		
7	0.0433					2,110.0	3.7	2,250.0		
8	0.0466						4.3	2,250.0		
9	0.0397					2,400.0	4.9	2,250.0		
10	0.0278	301.0	70	186.0	43	2,620.0	4.2	2,250.0		
11	0.0477						4.2	4,125.0		
12	0.0522						2.4	2,250.0		
13	0.0498						2.5	3,000.0		
14	0.0482					2,387.0	2.4	3,000.0		
15	0.0569						1.0	3,750.0		
16	0.0467					1,730.0	1.6	2,250.0		
17	0.0392						3.3	2,025.0		
18	0.0435					1,810.0	3.2	2,025.0		
19	0.0234						4.1	1,500.0		
20	0.0594						4.3	1,500.0		
21	0.0491					1,680.0	3.5	1,500.0		
22	0.0491									
23	0.0393					2,100.0	4.0	1,500.0		
24	0.0463						3.7	1,500.0		
25	0.0421					2,270.0	2.9	3,750.0		
26	0.0418						2.7	3,000.0		
27	0.0495						2.9	3,000.0		
28	0.0503					2,200.0	4.1	300.0		
29	0.0469						3.3	2,250.0		
30	0.0415					2,530.0	3.4	3,750.0		
31										
Avg	0.045	301	70	186	43	2,213	3	2,426		
Max	0.059	301	70	186	43	2,740	5	4,500		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis License No.: T0403  
 Title: Dir. of Operations and Maintenance Date: 10/2/2019

# Lab Report for Springhill Farm

## Influent & Effluent DMR Data

Lab Certification No: 23-00671



Date	21201 SF Influent BOD5 mg/l Daily Avg	21203 SF Influent TSS mg/l Daily Avg	21200 SF Effluent CBOD5 mg/l Daily Avg	21204 SF Effluent TSS mg/l Daily Avg	21207 SF Effluent NH3 Ammonia mg/l Daily Avg	21208 SF Effluent Phos, Total mg/l Daily Avg	21202 SF Effluent Fecal Coliform count/100ml Daily Avg	21219 SF Effluent NO2 Nitrite mg/l Daily Avg	21218 SF Effluent NO3 Nitrate mg/l Daily Avg	21215 SF Effluent TKN mg/l Daily Avg
Sep 1, 2019										
Sep 2, 2019										
Sep 3, 2019										
Sep 4, 2019			3	1.5 <	0.50	0.400	18 <	0.050	21.00	1.170
Sep 5, 2019										
Sep 6, 2019										
Sep 7, 2019										
Sep 8, 2019										
Sep 9, 2019										
Sep 10, 2019 (1)	301	186	2	4.1 <	0.50	0.198	30 <	0.050 (2)	28.80 (3) <	1.000
Sep 11, 2019										
Sep 12, 2019										
Sep 13, 2019										
Sep 14, 2019										
Sep 15, 2019										
Sep 16, 2019										
Sep 17, 2019										
Sep 18, 2019			2	1.5 (4) <	0.10 (5)	0.520	8 (6) <	0.200 (7)	22.20 (8)	1.140
Sep 19, 2019										
Sep 20, 2019										
Sep 21, 2019										
Sep 22, 2019										
Sep 23, 2019										
Sep 24, 2019			2	1.9 <	0.50	0.562	3 <	0.050	16.92	1.550
Sep 25, 2019										
Sep 26, 2019										
Sep 27, 2019										
Sep 28, 2019										
Sep 29, 2019										
Sep 30, 2019										
Count	1	1	4	4	4	4	4	4	4	4
Maximum	301	186	3	4.1	0.50	0.562	30	0.200	28.80	1.550
Minimum	301	186	2	1.5	0.10	0.198	3	0.050	16.92	1.000
Average	301	186	2	2.3	0.40	0.420	15	0.087	22.23	1.215
Total	301	186	9	9.0	1.60	1.680	59	0.350	88.92	4.860

# Lab Report for Springhill Farm

Influent & Effluent DMR Data

Lab Certification No: 23-00671



**DELCORA**  
The Delaware County  
Regional Sewer  
Collection Authority

Date	21201	21203	21200	21204	21207	21208	21202	21219	21218	21215
	SF Influent BOD5	SF Influent TSS	SF Effluent CBOD5	SF Effluent TSS	SF Effluent NH3 Ammonia	SF Effluent Phos, Total	SF Effluent Fecal Coliform	SF Effluent NO2 Nitrite	SF Effluent NO3 Nitrate	SF Effluent TKN
	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l	Daily Avg count/100ml	Daily Avg mg/l	Daily Avg mg/l	Daily Avg mg/l

**Comments:**

(1) Blank out of spec - High

BB

(2) Result qualified. Sample diluted prior to analysis.

(7) MJR

(8) MJR

SM

(3) RESULT QUALIFIED. SAMPLE DILUTED PRIOR TO ANALYSIS. (9) Result Qualified. Blank out of spec high.

SM

(4) MJR

(5) MJR

(6) MJR

# Lab Report for Springhill Farm

Influent & Effluent DMR Data  
 Lab Certification No: 23-00671



Date	21209 SF		21216 SF		21217 SF	
	Nitrogen, Total Effluent Calculated Daily Avg mg/l	Effluent Copper (Cu) Daily Avg mg/l	Effluent Copper (Cu) Daily Avg mg/l	Effluent TDS Daily Avg mg/l	Effluent TDS Daily Avg mg/l	Effluent TDS Daily Avg mg/l
Sep 1, 2019						
Sep 2, 2019						
Sep 3, 2019						
Sep 4, 2019	<					
Sep 5, 2019	22.2					
Sep 6, 2019						
Sep 7, 2019						
Sep 8, 2019						
Sep 9, 2019						
Sep 10, 2019	<					
Sep 11, 2019	29.9					
Sep 12, 2019						
Sep 13, 2019						
Sep 14, 2019						
Sep 15, 2019						
Sep 16, 2019						
Sep 17, 2019						
Sep 18, 2019	<					
Sep 19, 2019	23.5					
Sep 20, 2019						
Sep 21, 2019						
Sep 22, 2019						
Sep 23, 2019						
Sep 24, 2019	<					
Sep 25, 2019	18.5					
Sep 26, 2019						
Sep 27, 2019						
Sep 28, 2019						
Sep 29, 2019						
Sep 30, 2019						
Count	4		0		0	
Maximum	29.9					
Minimum	18.5					
Average	23.5					
Total	94.1					

Comments:





**M.J. Reider Associates, Inc.**

ENVIRONMENTAL TESTING LABORATORY  
U.S. EPA/PA DEP #06-00003

# Certificate of Analysis

**Laboratory No.:** 9023303  
**Report:** 09/26/19  
**Lab Contact:** Bradley T Griffiths

**Attention:** Michael Signore  
**Reported To:** DELCORA  
P.O. Box 999  
Chester, PA 19016

**Project Info:** Springhill EFF

**Lab ID:** 9023303-01    **Collected By:** Client    **Sampled:** 09/18/19 06:40    **Received:** 09/18/19 15:10  
**Sample Desc:** Springhill Effluent    **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst
<b>General Chemistry</b>							
Ammonia as N	<0.10	mg/l	0.10	ASTM D6919-03	09/19/19		APR
Nitrate as N	22.2	mg/l	10.0	EPA 300.0 Rev 2.1	09/18/19 21:34		MRW
Nitrite as N	<0.20	mg/l	0.20	EPA 300.0 Rev 2.1	09/18/19 21:17		MRW
Nitrogen, Total Kjeldahl (TKN)	1.14	mg/l	0.50	EPA 351.2	09/24/19		SNF
Phosphorus as P, Total	0.52	mg/l	0.05	SM 4500-P E	09/19/19		WKH

### Preparation Methods

Specific Method	Preparation Method	Prepared Date	Prepared By
<b>9023303-01</b>			
SM 4500-P E	SM 4500-P B	09/19/2019	WKH



107 Angelica Street ○ Reading, PA 19611 ○ [www.mjreider.com](http://www.mjreider.com) ○ (610) 374-5129 ○ fax (610) 374-7234

This certificate shall not be reproduced except in full without the written approval of M.J. Reider Associates, Inc.  
NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current  
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.  
Additional accreditations by CT (PH-0210), MD (261), NY(12094)



**M.J. Reider Associates, Inc.**  
 107 Angelica St, Reading PA, 19611  
 610-374-5129 www.mjreider.com

**WORK ORDER**  
**Chain of Custody**

9023303



Client Code: 2639  
 Project Manager: Bradley T Griffiths  
 Report To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016  
 Invoice To: DELCORA - Michael Krause - P.O. Box 999, Chester, PA 19016

Client: DELCORA  
 Project: Springhill EFF

Project Notes: Mike Krause - Office (610) 876-5523 x.218 --  
 Cell (610) 633-4002

Comments:

Collected By: Delcora

9023303-01 Springhill Effluent  
 NO2-N EPA 300.0, NO3-N EPA 300.0  
 NH3-N D6919-03, PO4 (Hach Tubes) SM 4500P-E, TKN EPA 351.2

Matrix: Non-Potable Water  
 Type: Composite (Simple)  
 A - PI 500ml H2SO4  
 B - PI 250ml NP  
 Date: 9-18-19  
 Time: 0640

Relinquished By: [Signature] Date/Time: 9-18-19  
 Received By: [Signature] Date/Time: 9/18/19 1240  
 Relinquished By: [Signature] Date/Time: 9/18/19 1510  
 Received at Laboratory By: [Signature] Date/Time: 9/18/19 1510

Sample Kit Prepared By:	Date/Time
Sample Temp (°C):	<u>5.7</u>
Samples on Ice?	<u>Yes</u>
Approved By:	<u>[Signature]</u> NA
Entered By:	<u>[Signature]</u>

The Client, by signing (or having the client's agent sign), agrees to MIRA's Terms and Conditions and to pay for the above requested services including any additional associated fees incurred.

**M.J. Reider Associates, Inc.**

**MJRA Terms & Conditions**

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses. COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred).

**Sample Submission, Sample Acceptance & Sampling Containers**

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

**Turnaround Times (TAT)**

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (\*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. \*RUSH TAT Surcharges are applied for expedited turnaround times.

**Analytical Results, Sample Collection Integrity & Subcontracting**

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

**Payment Terms**

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

**Warranty & Litigation**

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the

Reviewed and Approved by:



Bradley T Griffiths  
Project Manager



107 Angelica Street • Reading, PA 19611 • www.mjreider.com • (610) 374-5129 • fax (610) 374-7234

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NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.  
Additional accreditations by CT (PH-0210), MD (261), NY(12094)



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

October 19, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for September 2019. There were three violations for the monitoring period for failure to monitor. Due to a miscommunication with the DELCO operators, the facility was not manned on September 22<sup>nd</sup>. New procedures have been put in place to insure this will not happen again. DEP has been notified of the occurrence. If there are any repercussions from the State regulators, DELCO is taking full responsibility for the matter.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 256.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
September 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for September 2019.

Wastewater Plant

Average Daily Flow: 44,670 gallons. Peak Daily Flow: 59,400 gallons.

Sludge Hauled: 37,700 gallons

155 gallons of sodium hypochlorite were delivered.

There were three violations for the monitoring period for failure to monitor. Due to a miscommunication with the DELCORA operators, the facility was not manned on September 22<sup>nd</sup>. New procedures have been put in place to insure this will not happen again. DEP has been notified of the occurrence. If there are any repercussions from the State regulators, DELCORA is taking full responsibility for the matter.

Both decant pumps in the sludge holding tank were replaced due to age and insufficient flow.

Sugar is being added as a food supplement when lower than average flows are experienced.

Normal operations and cleaning occurred during the monitoring period.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

November 25, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for October 2019. There were no violations for the monitoring period.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 256.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
October 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for October 2019.

Wastewater Plant

Average Daily Flow: 50,620 gallons. Peak Daily Flow: 89,900 gallons.

Sludge Hauled: 54,600 gallons

155 gallons of sodium hypochlorite were delivered.

250 gallons of aluminum sulfate were delivered.

There were no violations for the monitoring period.

Sugar is being added as a food supplement when lower than average flows are experienced.

Normal operations and cleaning occurred during the monitoring period.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

November 25, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for October 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for October 2019. There were no violations for the monitoring period.

Please contact me at 610-876-5523, ext. 256 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Monday, November 25, 2019 8:46 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; Cummings, Meghan; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 10/01/2019-10/31/2019  
**Report Due Date:** 11/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 177121  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WHITE ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 10/01/2019  
DMR Effective To: 10/31/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	YEAR
2019	10	01	2019
			MO
			DAY
			2019
			10
			31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (00202)	Sample Measurement	6.6	mg/L	6.6	1/day	Grab
	Permit Requirement	5.0	Inst/Min	5.0	1/day	Grab
pH (00403)	Sample Measurement	6.8	S.U.	8.1	1/day	Grab
	Permit Requirement	6.0	Inst/Min	8.0	1/day	Grab
Total Suspended Solids (00530)	Sample Measurement	4	mg/L	4	1/week	24-Hr Composite
	Permit Requirement	30	Avg Mo	30	1/week	24-Hr Composite
Total Nitrogen (00600)	Sample Measurement	21.2	mg/L	21.2	1/week	24-Hr Composite
	Permit Requirement	Monitor & Report	Monitor & Report	1	1/week	24-Hr Composite
Ammonia-Nitrogen (00610)	Sample Measurement	2.6	mg/L	2.6	1/week	24-Hr Composite
	Permit Requirement	Avg Mo	Avg Mo	2	1/week	24-Hr Composite
Total Phosphorus (00655)	Sample Measurement	1.7	mg/L	1.7	1/week	24-Hr Composite
	Permit Requirement	2	mg/L	2	1/week	24-Hr Composite
Flow (50050)	Sample Measurement	0.8990	MGD	0.8990	Continuous	Recorded
	Permit Requirement	Monitor & Report	Monitor & Report	0.8990	Continuous	Recorded
Total Residual Chlorine (TRC) (50060)	Sample Measurement	0.04	mg/L	0.04	1/day	Grab
	Permit Requirement	0.05	mg/L	0.05	1/day	Grab
Fecal Coliform (74055)	Sample Measurement	13	CFU/100 ml	13	1/week	Grab
	Permit Requirement	200	CFU/100 ml	200	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (60302)	Sample Measurement	1	mg/L	1	1/week	24-Hr Composite
	Permit Requirement	21	mg/L	21	1/week	24-Hr Composite
Facility Sampling Point Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DMR lab record October 2018.doc	Laboratory Accreditation Form	2018-11-25T08:40:20-0500	
Springhill DEP Cover Lt. October 2018.doc	Cover Letter	2018-11-25T08:37:42-0500	
Springhill Farm Lab Report October 2018.xlsx	Laboratory Analytical Report	2018-11-25T08:39:24-0500	
Springhill Farm Influent and Process Control Form October 2018.xls	Influent and Process Control Form	2018-11-25T08:42:49-0500	
Springhill Farm Sludge S form October 2018.xls	Daily Effluent Monitoring Form	2018-11-25T08:38:32-0500	
Springhill Farm Solids Disposal Form October 2018.xls	Sewage Sludge / Bioreactors Production and Disposal Form	2018-11-25T08-41 32-05 00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J. Gober	T 1938	(484)-944-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	gobers	DATE	MO	DAY
	Stan Gobler	2019	11	25
	SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR
	(484)	844-2175	2019	11
	TELEPHONE	DATE	MO <td>DAY</td>	DAY
			YEAR	MO
			DAY	DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 89, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

October-19

Month:

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD5 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1																					
2			2	1	1	0	0.1	0.04	0.6	0.23	13	18.0	0.011		7.4	0.01	0.01	6.7	0.04600	0.0	
3															7.0	0.02	0.02	6.7	0.03990	0.3	
4															7.1	0.06	0.06	7.0	0.04040	0.0	
5															7.5	0.03	0.03	6.7	0.04260	0.1	
6															8.1	0.04	0.04	7.8	0.05560	0.0	
7															7.4	0.02	0.02	6.7	0.04960	0.3	
8	34.5	225	2	1	3	1	0.1	0.04	0.5	0.22	45	21.2		568	7.0	0.04	0.04	7.4	0.05070	0.1	
9															7.0	0.00	0.00	7.4	0.04810	0.0	
10															7.2	0.08	0.08	7.1	0.04290	0.0	
11															7.4	0.07	0.07	6.8	0.04980	0.0	
12															7.1	0.01	0.01	6.6	0.05800	0.0	
13															7.0	0.00	0.00	7.4	0.05380	0.0	
14															6.9	0.00	0.00	8.0	0.04870	0.0	
15															7.2	0.00	0.00	7.7	0.04700	0.0	
16			2	1	4	2	0.1	0.05	0.5	0.26	15	16.5			7.5	0.08	0.08	7.5	0.06070	1.8	
17															7.1	0.10	0.10	7.0	0.04696	0.0	
18															7.6	0.01	0.01	7.5	0.04830	0.0	
19															7.2	0.00	0.00	8.1	0.05200	0.0	
20															7.1	0.07	0.07	7.8	0.04920	0.0	
21															6.9	0.04	0.04	7.7	0.02920	0.6	
22															7.0	0.04	0.04	7.9	0.06410	1.0	
23			3	1	5	2	0.1	0.04	0.5	0.19	11	24.9			7.3	0.01	0.01	7.4	0.04810	0.0	
24															6.6	0.08	0.08	7.6	0.03810	0.0	
25															7.2	0.06	0.06	7.0	0.06460	0.0	
26															7.3	0.12	0.12	7.5	0.05640	1.0	
27															7.2	0.08	0.08	7.9	0.03200	1.8	
28															7.3	0.13	0.13	8.3	0.08990	0.1	
29			2	1	6	3	0.1	0.06	0.4	0.23	4	25.5		7.2	0.06	0.06	8.3	0.06480	0.0		
30															6.8	0.07	0.04	7.6	0.06790	1.0	
31															7.1	0.04	0.04	7.6	0.05400	0.8	
Min															6.6			6.6			
Max											45				8.1						
Avg:			2	1	4	2	0.1	0.05	0.5	0.2	13	21.2	0.01	568.0		0.13	0.04		0.08990	0.05062	

Telephone 610-876-5523

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
<b>PERMIT NUMBER</b>				<b>MONITORING PERIOD</b> Year/Month/Day						
PA0052230				19	10	01	TO	19	10	31
<b>PARAMETER</b>		<b>ANALYSIS METHOD</b>		<b>LAB NAME</b>		<b>LAB ID NUMBER<sup>2</sup></b>				
cBOD5		S5210B-11		DELCORA		23-00671				
TSS		S2540D-11		DELCORA		23-00671				
Fecal Coliform		Colilert18/Quantitray		DELCORA		23-00671				
Ammonia Nitrogen		EPA -350.1/ASTM D6919-03		DELCORA/ MJ Reider		23-00671/ 06-00003				
TDS		S2540C-11		DELCORA		23-00671				
Total Phosphorous		SM-4500-P-E		DELCORA/ MJ Reider		23-00671/ 06-00003				
Dissolved Oxygen		Meter		DELCORA- Operations Meter		23-00671				
TRC & pH		Meter		DELCORA- Operations Meter		23-00671				
TKN		HACH 10242/EPA 351.2		DELCORA/ MJ Reider		23-00671/ 06-00003				
Total Copper		EPA 200.7		MJ Reider		06-00003				
Total Nitrogen		Calculation		DELCORA		23-00671				
Nitrite + Nitrate		HACH 10206/SM4500-H+B		DELCORA/ MJ Reider		23-00671/ 06-00003				

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.

Name/Title Principal Executive Officer

Phone: 610-876-5523Signature of Principal Executive Officer or  
Authorized AgentMichael J. DiSantils, Dir. of O&MDate: 11/7/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: October      Year: 2019  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      County: Delaware  
 Renewal application due **180 days** prior to expiration.  
 This permit will expire on: **December 31, 2020**

Day	Influent					Process Control		
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0298						3.4	2,250.0
2	0.046					2,170.0	2.3	3,000.0
3	0.0399						2.6	2,625.0
4	0.0404					1,650.0	3.3	2,250.0
5	0.0426						4.1	2,250.0
6	0.0556					1,610.0	4.8	750.0
7	0.0496						2.6	750.0
8	0.0507	345.0	146	225.0	95		4.3	0.0
9	0.0481					2,080.0	4.3	450.0
10	0.0429						3.8	750.0
11	0.0498						3.7	1,500.0
12	0.058					2,426.0	2.8	2,250.0
13	0.0538						2.7	2,250.0
14	0.0487					2,100.0	3.5	2,175.0
15	0.047						4.0	2,100.0
16	0.0607					2,360.0	2.0	1,500.0
17	0.047						4.2	2,250.0
18	0.0483						3.8	2,250.0
19	0.052					2,210.0	3.9	2,250.0
20	0.0492						4.2	1,500.0
21	0.0292					2,020.0	4.4	750.0
22	0.0641						5.0	750.0
23	0.0481					2,286.0	2.5	1,500.0
24	0.0381						2.8	1,500.0
25	0.0646						3.7	1,500.0
26	0.0565					2,490.0	1.5	1,500.0
27	0.032						2.2	3,000.0
28	0.0899					2,190.0	3.3	2,250.0
29	0.0648						4.8	2,250.0
30	0.0679					1,930.0	2.9	1,500.0
31	0.054						2.7	1,875.0
<b>AVG</b>	<b>0.051</b>	<b>345</b>	<b>146</b>	<b>225</b>	<b>95</b>	<b>2,117</b>	<b>3</b>	<b>1,725</b>
<b>Max</b>	<b>0.09</b>	<b>345</b>	<b>146</b>	<b>225</b>	<b>95</b>	<b>2,490</b>	<b>5</b>	<b>3,000</b>

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 11/7/2019

Lab Report for: Springhill Farm  
 Coward & Dixon (DVI) Data  
 Lab Certificate No. 21-00071

Date	21201 K <sub>2</sub> CO <sub>3</sub> Daily Avg (mg/L)	21202 K <sub>2</sub> SO <sub>4</sub> Daily Avg (mg/L)	21203 CaCO <sub>3</sub> Daily Avg (mg/L)	21204 TP <sub>tot</sub> Daily Avg (µg/L)	21205 NH <sub>4</sub> -N Daily Avg (µg/L)	21206 NH <sub>3</sub> -N Daily Avg (µg/L)	21207 Total Coliform Daily Avg (count/100ml)	21208 NO <sub>2</sub> -N Daily Avg (µg/L)	21209 NO <sub>3</sub> -N Daily Avg (µg/L)	21210 TP <sub>tot</sub> Daily Avg (µg/L)	21211 NH <sub>4</sub> -N Daily Avg (µg/L)	21212 NH <sub>3</sub> -N Daily Avg (µg/L)	21213 TP <sub>tot</sub> Daily Avg (µg/L)
Oct 1, 2019													
Oct 2, 2019			<2	1.0	<0.10	0.590	13	0.200	1720	0.640	<18.0	0.011	
Oct 3, 2019													
Oct 4, 2019													
Oct 5, 2019													
Oct 6, 2019													
Oct 7, 2019													
Oct 8, 2019	* 345	225	2	2.4	<0.10	0.510	45	<0.200	1980	1.230	<21.2		568.000
Oct 9, 2019													
Oct 10, 2019													
Oct 11, 2019													
Oct 12, 2019													
Oct 13, 2019													
Oct 14, 2019													
Oct 15, 2019													
Oct 16, 2019			<2	4.0	<0.10	0.520	15	<0.200	15.20	1.120	<16.5		
Oct 17, 2019													
Oct 18, 2019													
Oct 19, 2019													
Oct 20, 2019													
Oct 21, 2019													
Oct 22, 2019													
Oct 23, 2019			3	5.3	<0.10	0.470	11	<0.200	23.40	1.760	<24.9		
Oct 24, 2019													
Oct 25, 2019													
Oct 26, 2019													
Oct 27, 2019													
Oct 28, 2019													
Oct 29, 2019			2	6.2	0.32	0.430	4	<0.200	23.70	1.630	<25.5		
Oct 30, 2019													
Oct 31, 2019													
<b>Mean</b>	140	225	3	6.2	0.32	0.500	48	0.200	22.20	1.450	25.5	0.011	568.000
<b>Median</b>	140	225	3	1.0	0.20	0.480	15	0.200	15.20	1.120	16.5	0.011	568.000
<b>Range</b>	140	225	2	5.3	0.32	0.500	15	0.200	15.20	1.120	16.5	0.011	568.000
<b>Total</b>	345	225	10	19.9	1.00	2.470	88	0.200	22.20	1.630	25.5	0.011	568.000



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

December 11, 2019

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for November 2019. There were no violations for the monitoring period.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 256.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
November 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for November 2019.

Wastewater Plant

Average Daily Flow: 58,350 gallons. Peak Daily Flow: 74,200 gallons.

Sludge Hauled: 42,200 gallons

190 gallons of sodium hypochlorite were delivered.

There were no violations for the monitoring period.

A excessive amount of grease was removed from the influent wet well using DELCORA's vacuum truck.

Sugar is being added as a food supplement when lower than average flows are experienced.

Normal operations and cleaning occurred during the monitoring period.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

December 11, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for November 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for November 2019. There were no violations for the monitoring period.

Please contact me at 610-876-5523, ext. 256 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-1460

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

---

**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Wednesday, December 11, 2019 11:27 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; Cummings, Meghan; Cartafalsa, James; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 11/01/2019-11/30/2019  
**Report Due Date:** 12/28/2019

**Submitted By:** Stan Gober  
**Submission Id:** 179752  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTFF ASSN  
ADDRESS: PO BOX 756, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0952230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Monthly  
DMR Effective From: 11/01/2019  
DMR Effective To: 11/30/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD			
YEAR	MO	DAY	TO
2019	11	01	30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Dissolved Oxygen (0030)	Sample Measurement	6.8	mg/L		1/day	Grab
	Permit Requirement	S.O. Inst Min			1/day	Grab
pH (0040)	Sample Measurement	6.5		7.7	1/day	Grab
	Permit Requirement	6.0 Inst Min		9.0 IMAX	1/day	Grab
Total Suspended Solids (0050)	Sample Measurement	4	mg/L		1/week	24-Hr Composite
	Permit Requirement	25 Avg Mo			1/week	24-Hr Composite
Total Nitrogen (0060)	Sample Measurement	0.05	mg/L		1/week	24-Hr Composite
	Permit Requirement	0.05 Avg Mo			1/week	24-Hr Composite
Ammonia-Nitrogen (0061)	Sample Measurement	0.05	mg/L		1/week	24-Hr Composite
	Permit Requirement	0.05 Avg Mo			1/week	24-Hr Composite
Total Phosphorus (0065)	Sample Measurement	2	mg/L		1/week	24-Hr Composite
	Permit Requirement	1.7 Avg Mo			1/week	24-Hr Composite
Flow (0050)	Sample Measurement	0.9335	MGD		Continuous	Recorded
	Permit Requirement	Monitor & Report Daily Max			Continuous	Recorded
Total Residual Chlorine (TRC) (5000)	Sample Measurement	0.05	mg/L	0.11	1/day	Grab
	Permit Requirement	0.05 Avg Mo		0.14 IMAX	1/day	Grab
Fecal Coliform (7005)	Sample Measurement	18	CFU/100 ml	44	1/week	Grab
	Permit Requirement	200 Avg Mo		1000 IMAX	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (6000)	Sample Measurement	2	mg/L		1/week	24-Hr Composite
	Permit Requirement	24 Avg Mo		25	1/week	24-Hr Composite

Facility Sampling Point Comments



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DMR Lab accord November 2019.doc	Laboratory Accreditation Form	2019-12-10T07:30:37-05:00	
Springhill Farm Influent and Process Control Form November 2019.xls	Influent and Process Control Form	2019-12-11T11:23:36-05:00	
Springhill Farm Solids Disposal Form November 2019.xls	Sewage Sludge / Biosolids Production and Disposal Form	2019-12-11T11:25:08-05:00	
Springhill Farm Supp S Form November 2019.xls	Daily Effluent Monitoring Form	2019-12-11T11:24:28-05:00	
Springhill DEP Cover Ltr. November 2019.doc	Cover Letter	2019-12-10T07:30:09-05:00	
Springhill Farm Lab Report November 2019.xlsx	Laboratory Analytical Report	2019-12-10T07:31:36-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified (only)	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gobar	11938	(484)344-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	DATE	TELEPHONE	DATE
gobers	2019	(484) 844-2175	11
	YEAR	NUMBER	DAY
		AREA CODE	MO

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision, in accordance with a system designed to assure that qualified personnel either prepared or evaluated the information submitted. Based on your inquiry of the person or persons who manage the system of those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).

DISCHARGE MONITORING REPORT - SUPPLEMENTAL FORM (S)

Month: November-19

Springhill Farm Wastewater Treatment Facility Association  
 Springhill Drive  
 Glenn Mills, PA 19342  
 NPDES permit PA 0052230  
 This permit will EXPIRE on December 31, 2020

Date	Influent										Effluent										Rainfall Inches
	BOD5 mg/l	TSS mg/l	cBOD5 mg/l	cBOD6 lbs.	TSS mg/l	TSS lbs.	NH3 mg/l	NH3 lbs.	Phos. mg/l	Phos. lbs.	Fecal 100 ml	TN mg/L	Cu mg/L	TDS mg/L	pH SU	INST TRC mg/l	AVG TRC mg/l	D.O. mg/l	Eff. Flow MGD		
1															7.0	0.02	0.02	8.1	0.04620	0.0	
2															6.9	0.06	0.06	8.1	0.06860	0.0	
3															7.5	0.05	0.05	8.3	0.06510	0.0	
4															7.6	0.04	0.04	6.9	0.05320	0.0	
5															6.7	0.03	0.03	7.9	0.05860	0.0	
6															7.0	0.06	0.06	7.0	0.04400	0.0	
7			5	3	13	7	0.1	0.06	0.5	0.29	44	24.0			7.4	0.00	0.00	6.8	0.06850	0.2	
8															7.5	0.08	0.08	7.1	0.05260	0.0	
9															7.4	0.04	0.04	7.7	0.05840	0.0	
10															7.2	0.02	0.02	8.4	0.06320	0.0	
11															7.7	0.07	0.07	8.8	0.06130	0.0	
12															7.2	0.06	0.06	8.6	0.04770	0.2	
13			3	2	4	2	0.1	0.05	0.4	0.19	44	23.5			7.2	0.02	0.02	8.0	0.06540	0.0	
14															6.8	0.11	0.11	9.3	0.05840	0.0	
15															6.9	0.11	0.11	9.2	0.06680	0.0	
16															6.8	0.09	0.09	8.8	0.06480	0.0	
17															7.4	0.04	0.04	7.9	0.07030	0.0	
18															6.8	0.04	0.04	7.6	0.06560	0.0	
19															7.0	0.05	0.05	8.0	0.03560	0.0	
20	397	267	3	2	4	2	0.1	0.05	0.3	0.16	17	26.3			6.9	0.04	0.04	7.0	0.06330	0.0	
21															7.5	0.05	0.05	7.5	0.07420	0.0	
22															7.4	0.03	0.03	6.9	0.05530	0.0	
23															7.0	0.05	0.05	7.0	0.06140	1.1	
24															6.8	0.04	0.04	8.8	0.06280	0.1	
25															7.4	0.02	0.02	8.0	0.05020	0.0	
26			3	1	6	3	0.1	0.05	0.3	0.13	3	23.2			6.8	0.04	0.04	8.5	0.05400	0.0	
27															7.3	0.06	0.06	6.6	0.06190	0.0	
28															7.7	0.05	0.05	7.7	0.04190	0.0	
29															7.2	0.03	0.03	7.8	0.05630	0.0	
30															6.5	0.06	0.06	7.0	0.05490	0.0	
31																					
Min															6.5			6.6			
Max											44				7.7	0.11			0.07420		
Avg:			4	2	7	4	0.1	0.05	0.4	0.2	18	24.3	0.00	0.0		0.05	0.05		0.05835		

LAB DELCORA Central La In-house? Yes\* pH, D.O., & TRC

Fecal coliform is geometric mean

Telephone 610-876-5523



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

## SUPPLEMENTAL LABORATORY ACCREDITATION FORM<sup>1</sup>

Permittee Name: <u>Springhill Farm Wastewater Treatment Facility Association</u>										
Address: <u>Springhill Drive</u>										
<u>Glen Mills, PA 19342</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0052230				19	11	01	TO	19	11	30
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER <sup>2</sup>							
cBOD5	S5210B-11	DELCORA	23-00671							
TSS	S2540D-11	DELCORA	23-00671							
Fecal Coliform	Colilert18/Quantitray	DELCORA	23-00671							
Ammonia Nitrogen	EPA -350.1/ASTM D6919-03	DELCORA/ MJ Reider	23-00671/ 06-00003							
TDS	S2540C-11	DELCORA	23-00671							
Total Phosphorous	SM-4500-P-E	DELCORA/ MJ Reider	23-00671/ 06-00003							
Dissolved Oxygen	Meter	DELCORA- Operations Meter	23-00671							
TRC & pH	Meter	DELCORA- Operations Meter	23-00671							
TKN	HACH 10242/EPA 351.2	DELCORA/ MJ Reider	23-00671/ 06-00003							
Total Copper	EPA 200.7	MJ Reider	06-00003							
Total Nitrogen	Calculation	DELCORA	23-00671							
Nitrite + Nitrate	HACH 10206/SM4500-H+B	DELCORA/ MJ Reider	23-00671/ 06-00003							

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.

Name/Title Principal Executive Officer      Phone: 610-876-5523

Signature of Principal Executive Officer or  
Authorized Agent

Michael J. DiSantis, Dir. of O&M      Date: 12/4/2019

<sup>1</sup> Submit this form with each Discharge Monitoring Report (DMR), Annual Report or Recordkeeping and Reporting Form, where sample results are submitted to the Department for compliance purposes.

<sup>2</sup> For parameter(s) covered under accreditation-by-rule, submit the lab's registration number in lieu of an accreditation number.





**SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL**

Facility Name: Springhill Farm STP      Month: November      Year: 2019  
 Municipality: Chadds Ford Township      NPDES Permit No.: PA0052230  
 Watershed: 3-G      County: Delaware  
 Renewal application due 180 days prior to expiration.  
 This permit will expire on: December 31, 2020

Day	Influent				Process Control			
	Flow (MGD)	BOD <sub>5</sub> (mg/l)	BOD <sub>5</sub> (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0462					2,140.0	4.8	1,875.0
2	0.0686						5.3	2,250.0
3	0.0651					1,950.0	4.6	1,050.0
4	0.0532						4.8	750.0
5	0.0586					2,580.0	5.9	3,750.0
6	0.044						3.5	2,250.0
7	0.0685						4.3	2,250.0
8	0.0526					2,000.0	2.1	3,000.0
9	0.0584						2.7	3,000.0
10	0.0632					2,410.0	5.4	2,150.0
11	0.0613						4.6	4,050.0
12	0.0477					1,992.0	5.7	2,250.0
13	0.0654						5.2	2,250.0
14	0.0584					2,540.0	6.8	2,100.0
15	0.0668						5.7	2,250.0
16	0.0648						5.9	2,250.0
17	0.0703					2,010.0	6.1	3,375.0
18	0.0656						5.4	750.0
19	0.0356	397.0	210	267.0	141	2,510.0	7.8	750.0
20	0.0633						3.7	1,500.0
21	0.0742						3.0	1,500.0
22	0.0553					2,600.0	3.5	2,250.0
23	0.0614						2.3	2,250.0
24	0.0628					2,580.0	1.9	1,930.0
25	0.0502						4.4	2,475.0
26	0.054					2,620.0	4.8	2,100.0
27	0.0619						3.1	1,875.0
28	0.0419					2,190.0	4.6	3,375.0
29	0.0563						6.1	2,250.0
30	0.0549						5.4	1,875.0
31								
Avg	0.058	397	210	267	141	2,317	5	2,191
Max	0.074	397	210	267	141	2,620	8	4,050

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel 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. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Michael J. DiSantis      License No.: T0403  
 Title: Dir. of Operations and Maintenance      Date: 12/4/2019

Lab Report for Strong TI Firm  
 (Final & Effluent Data)  
 (see Appendix for 2019)

Date	21201 SI	21215 SI	21230 SI	21241 SI	21257 SI	21265 SI	21272 SI	21276 SI	21284 SI	21285 SI	21290 SI	21291 SI	21297 SI	21307 SI	
	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	Flow	
	mgd	mgd	mgd	mgd	mgd	mgd	mgd	mgd	mgd	mgd	mgd	mgd	mgd	mgd	
Oct 1, 2019															
Oct 2, 2019															
Oct 3, 2019			<2	1.0	<0.10	0.590	13	0.200	17.20	0.640	<18.0	0.011			
Oct 4, 2019															
Oct 5, 2019															
Oct 6, 2019															
Oct 7, 2019															
Oct 8, 2019	345	225	2	2.8	<0.10	0.510	45	<0.200	19.80	1.230	<21.2			568,000	
Oct 9, 2019															
Oct 10, 2019															
Oct 11, 2019															
Oct 12, 2019															
Oct 13, 2019															
Oct 14, 2019															
Oct 15, 2019															
Oct 16, 2019			<2	4.0	<0.10	0.520	15	<0.200	35.20	1.120	<16.5				
Oct 17, 2019															
Oct 18, 2019															
Oct 19, 2019															
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Oct 22, 2019															
Oct 23, 2019			3	5.3	<0.10	0.470	11	<0.200	23.40	1.260	<24.9				
Oct 24, 2019															
Oct 25, 2019															
Oct 26, 2019															
Oct 27, 2019															
Oct 28, 2019			2	6.2	0.12	0.430	4	<0.200	23.70	1.620	<25.5				
Oct 29, 2019															
Oct 30, 2019															
Oct 31, 2019															
<b>Grand</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>116</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Max Flow</b>	<b>445</b>	<b>225</b>	<b>2</b>	<b>8.7</b>	<b>0.17</b>	<b>0.580</b>	<b>45</b>	<b>0.200</b>	<b>39.12</b>	<b>1.660</b>	<b>18.8</b>	<b>0.011</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>
<b>Min Flow</b>	<b>140</b>	<b>225</b>	<b>2</b>	<b>6.8</b>	<b>0.10</b>	<b>0.450</b>	<b>8</b>	<b>0.200</b>	<b>16.28</b>	<b>0.640</b>	<b>15.8</b>	<b>0.011</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>
<b>Average</b>	<b>345</b>	<b>225</b>	<b>2</b>	<b>3.3</b>	<b>0.18</b>	<b>0.488</b>	<b>18</b>	<b>0.200</b>	<b>17.78</b>	<b>1.178</b>	<b>16.2</b>	<b>0.011</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>
<b>Total</b>	<b>445</b>	<b>225</b>	<b>41</b>	<b>28.9</b>	<b>0.62</b>	<b>2.520</b>	<b>88</b>	<b>1.000</b>	<b>90.18</b>	<b>6.680</b>	<b>16.6</b>	<b>0.011</b>	<b>160,000</b>	<b>160,000</b>	<b>160,000</b>



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

December 10, 2019

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

**RE: Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for Springhill Farms Wastewater Treatment Facility Permit # PA 0052230, for 4Q 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for the Fourth quarter of 2019.

There were no violations during the reporting period. Please contact me at 610-876-5523, ext. 264 if you need any additional information.

Respectfully submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosure

cc: R. Lohr, SFWTFA  
V. Hoxter CFTSA  
File

ADMINISTRATION

610-876-5523

FAX: 610-876-2728

CUSTOMER SERVICE/BILLING

610-876-5526

FAX: 610-876-4660

PURCHASING & STORES

610-876-5523

FAX: 610-497-7959

PLANT & MAINTENANCE

610-876-5523

FAX: 610-497-7950

## Cummings, Meghan

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Friday, December 13, 2019 10:09 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; Cummings, Meghan; Cartafalsa, James; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Quarterly  
**Report Type:** DMR  
**Reporting Period:** 10/01/2019-12/31/2019  
**Report Due Date:** 01/28/2020

**Submitted By:** Stan Gober  
**Submission Id:** 180017  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

NAME: SPRING HILL FARM WWTF ASSN  
ADDRESS: PO BOX 758, CHADDS FORD PA, 19317-0622  
FACILITY: SPRINGHILL FARM STP  
LOCATION: 90 SPRINGHILL DRIVE, CHADDS FORD PA, 19342  
STAGE: Final Effluent

PA0052230  
PERMIT NUMBER

001  
OUTFALL NUMBER

Reporting Frequency: Quarterly  
DMR Effective From: 10/01/2019  
DMR Effective To: 12/31/2019  
Permit Expires: 12/31/2020  
Permit Application Due: 07/04/2020  
No Discharge:

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2019	10	01	2019	12	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING		QUANTITY OR CONCENTRATION		SAMPLING FREQUENCY	SAMPLING TYPE
	VALUE	UNITS	VALUE	UNITS		
Copper, Total (01043)	Sample Measurement	***	011	mg/L	1/quarter	24-Hr Composite
	Permit Requirement	***	Monitor & Report Daily Max	***	1/quarter	24-Hr Composite
Total Dissolved Solids (70295)	Sample Measurement	***	968	mg/L	1/quarter	24-Hr Composite
	Permit Requirement	***	Monitor & Report Daily Max	***	1/quarter	24-Hr Composite
Facility Sampling Point Comments						



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF CLEAN WATER  
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Springhill DEP Cov Lett 4Q 2019.doc	Cover Letter	2019-12-13T10:05:21-05:00	
Springhill Farm Supp S form 4th Quarter 2019.xls	Daily Effluent Monitoring Form	2019-12-13T10:06:55-05:00	
Springhill DMR lab record November 2019.doc	Laboratory Accreditation Form	2019-12-13T10:07:56-05:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments

UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments

OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permits Limit	Comments

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
	Stanley J Gober	T 1938	(484)944-2175

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	TELEPHONE	DATE
gobers	(484) 844-2175	2019 12 13
	AREA CODE NUMBER	YEAR MO DAY

\*Pursuant to the Pennsylvania Electronic Transactions Act - Act 60, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your 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 your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

January 11, 2020

Robert J. Lohr II  
President  
Springhill Farm Wastewater Treatment Facility Association  
P. O. Box 756  
Chadds Ford, PA 19317

**RE: Monthly Reports**

Dear Mr. Lohr:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for December 2019. There were no violations for the monitoring period.

If you have any questions, please do not hesitate to call me at 610-876-5523, ext. 256.

Respectfully Submitted,

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: File

**Springhill Farm Wastewater Treatment Facility  
Operations & Maintenance Report  
December 2019**

Enclosed is the operation and maintenance status of the Springhill Farm Wastewater Treatment Facility for December 2019.

Wastewater Plant

Average Daily Flow: 56,360 gallons. Peak Daily Flow: 79,000 gallons.

Sludge Hauled: 43,000 gallons

350 gallons of sodium hypochlorite were delivered.

There were no violations for the monitoring period.

The comminutor was broken beyond repair. Due to the time frame with the upcoming construction we are not going to replace the unit. We have installed manual bar screens to help remove the debris entering the system.

Sugar is being added as a food supplement when lower than average flows are experienced.

Normal operations and cleaning occurred during the monitoring period.



DELAWARE COUNTY REGIONAL WATER QUALITY CONTROL AUTHORITY  
P.O. Box 999 • Chester, PA 19016-0999

January 10, 2020

**SUBMITTED ONLINE VIA PADEP eDMR SYSTEM**

William Collins  
Water Quality Specialist  
Water Management Program  
PADEP  
Southeast Regional Office  
2 East Main Street  
Norristown, PA 19401

RE: **Discharge Monitoring Reports, Supplemental S Forms and Laboratory Accreditation Form for December 2019**

Dear Mr. Collins:

Please find enclosed the Springhill Farms Wastewater Treatment Facility Monthly Operating Reports for December 2019. There were no violations for the monitoring period.

Please contact me at 610-876-5523, ext. 256 if you need any additional information.

Respectfully Submitted,

*Electronically signed & submitted*

Michael J. DiSantis  
Director of Operations and Maintenance

MJD:mc  
enclosures

cc: R. Lohr, SFWTFA  
V. Hoxter, CFTSA  
File

ADMINISTRATION

610-876-5523  
 FAX: 610-876-2728

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610-876-5523  
 FAX: 610-497-7950

## Cummings, Meghan

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**From:** depgreenporthelpdesk@state.pa.us  
**Sent:** Friday, January 10, 2020 9:36 AM  
**To:** Gober, Stan; Gober, Stan; Raymond Rios; dlinahan@comcast.net; Cummings, Meghan; Cartafalsa, James; DiSantis, Michael  
**Subject:** Your eDMR Report Has Been Received For Permit No. PA0052230

This email is to confirm that the following report was received by DEP through the eDMR system:

**Facility Name:** SPRINGHILL FARM STP  
**Permit Number:** PA0052230  
**Report Frequency:** Monthly  
**Report Type:** DMR  
**Reporting Period:** 12/01/2019-12/31/2019  
**Report Due Date:** 01/28/2020

**Submitted By:** Stan Gober  
**Submission Id:** 184231  
**Submission Status:** Received  
**Submission Type:** Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.