



CSO SUPPLEMENTAL REPORT MONTHLY INSPECTION REPORT

Facility Name: Delaware County Regional Water Quality Control Authority
 Municipality: City of Chester County: Delaware
 Watershed: 3G

Month: August Year: 2016
 NPDES Permit No.: PA0027103
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

CSO Outfall No.	Outfall Location*	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tilghman	Yes	
009	2nd & Lloyd	Yes	
010	5th & Pusey	Yes	
011	2nd & Parker	Yes	
012	2nd & Edgmont	No	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	No	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	No	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	No	
024	3rd & Dock	No	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	No	
			Total overflow from Outfalls 009 and 010 Discharges to Outfall 009 Regulator

Copy this report as needed to include more CSO outfalls.

* 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
 Title: Dir. Of Operations and Maintenance

License No.: T0403
 Date: 9/16/2016

Foley, Sue

From: depgreenporthelpdesk@state.pa.us
Sent: Thursday, October 27, 2016 12:47 PM
To: DiSantis, Michael
Subject: Original Monitoring Report Submission 32102 Received Confirmation

Submitted By : Michael DiSantis
Submission Id : 32102
Submission Status : Received
Facility Name : DELCORA STP
Permit Number : PA0027103
Report Type : Monthly
Monitoring Report Period : 09/01/2016-09/30/2016
Monitoring Report Due Date : 10/28/2016



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

October 27, 2016

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for September, 2016. All parameters were in compliance during the month.

Parameter averages for September, 2016 were: Flow –27.06 MGD ; cBOD₅ –5 mg/L; TSS – 8 mg/L; cBOD₂₀ % removal –97.58 %; and cBOD₂₀ –3,272 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD:smf
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
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

**PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DISCHARGE MONITORING REPORT (DMR)**

HEADER INFORMATION			
Facility ID:	482685	Facility Name:	DELCORA STP
Permit Number:	PA0027103	Monitoring Period:	09/01/2016-09/30/2016
		Location Address:	3201 W FRONT ST, CHESTER PA, 19013-2320
		Mailing Address:	100 EAST FIFTH STREET P.O BOX 999, CHESTER PA, 19016-0999

PARAMETERS REPORTED VALUES

Sampling Point Parameter	Limit Type	001		Stage Code		Final Effluent		No Discharge Indicator		N Sample Frequency
		Load 1	Load 2	Units	Conc 1	Conc 2	Conc 3	Units	Sample Type	
pH	Sample Measurement	***	***	***	6.45	***	7.12	S.U.	Grab	1/day
	Permit Measurement	***	***		6.0 Inst.Min	***	9.0 IMAX		Grab	1/day
Total Suspended Solids	Sample Measurement	1911	2254	lbs/day	***	8	9	mg/L	24-Hr Composite	1/day
	Permit Measurement	11000 Avg Mo	16500 Wkly Avg		***	30 Avg Mo	45		24-Hr Composite	1/day
Oil and Grease	Sample Measurement	<1185	***	lbs/day	***	<5	13	mg/L	Grab	1/day
	Permit Measurement	5500 Avg Mo	***		***	15 Avg Mo	30 IMAX		Grab	1/day
Ammonia-Nitrogen	Sample Measurement	***	***	***	***	3.08	***	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	2/month
Nitrite an N	Sample Measurement	***	***	***	***	.54	.63	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		24-Hr Composite	2/month
Nitrate as N	Sample Measurement	***	***	***	***	6.42	7.32	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		24-Hr Composite	2/month
Total Kjeldahl Nitrogen	Sample Measurement	***	***	***	***	5.64	***	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	2/month
Cyanide, Total	Sample Measurement	***	***	***	***	.028	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	1/month
Chlorodibromomethane	Sample Measurement	***	***	***	***	.0018	***	mg/L	Grab	1/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		Grab	1/month
Cadmium, Total	Sample Measurement	***	***	***	***	<.001	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	1/month
Copper, Total	Sample Measurement	***	***	***	***	<.005	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	1/month
Lead, Total	Sample Measurement	***	***	***	***	<.003	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	1/month
Zinc, Total	Sample Measurement	***	***	***	***	.049	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	1/month
Dichlorobromomethane	Sample Measurement	***	***	***	***	.0017	***	mg/L	Grab	1/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	***		Grab	1/month

[illegible]

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DISCHARGE MONITORING REPORT (DMR)

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comment
Daily Influent Monitoring SEP 2016.xlsx	Daily Effluent Monitoring Form	2016-10-26T14:09:28-04:00	Influent
Cryptographic Hash Value of File (SHA-512)	E:\DFA3D8A2614163B9AD8F86117B695F8EAB49C3CF759E110F728F451BC31E59E4F19D1B9FACF63ADDEDDC312468965671FC8ADC495512A76CD050285246642B6		
Hauled In Residual Wastes_SEP2016.xls	Hauled In Residual Waste Form	2016-10-26T14:13:32-04:00	
Cryptographic Hash Value of File (SHA-512)	C99D07F2B62BF042739FF2BE8E2FD2C34626151A5EB2A65F471E488F8C0C0EDC579B7F10ED2FFFOEDE724C38CA49AD9E22F9932F6F69354B1382A89AF54C850C		
ALS_Effluent_SEP2016.PDF	Laboratory Analytical Report	2016-10-26T14:18:50-04:00	
Cryptographic Hash Value of File (SHA-512)	CEA70044058E0041F448323A46753885FE89CE441F89C7832C30CB19E32E839C22931BA4041D4047B81F98EFC14327A30C28FC7ED3E563E80413B7B5B392A74A64		
ALS_CBO020_9-11-16.PDF	Laboratory Analytical Report	2016-10-26T14:23:37-04:00	
Cryptographic Hash Value of File (SHA-512)	DA9FF5B51760C31B625A440FF805A44A85CFED09C26798F4955F65BFEAFCE01C131E89D78D17A4362C2838D2EE9E6563B44B2ECA00B5602014678CF01AE5A30539		
WRTP_Effluent_Sep2016.pdf	Laboratory Analytical Report	2016-10-26T14:19:44-04:00	
Cryptographic Hash Value of File (SHA-512)	CC7D6D191CCD419A9D0BE45D83FD40CF16E32A971DD4CEC0C77568C2298C854F09F1A83C5808879D04DA7DC01A3C6A16A8090808DF6F7C278688E1E56FBD4381		
ALS_CBO020_9-4-16.PDF	Laboratory Analytical Report	2016-10-26T14:22:43-04:00	
Cryptographic Hash Value of File (SHA-512)	4A135625779268FE5FCF258E2FA859B9232B4C0E9BEFF4543658C21AF21399ACFCA718751D7493753BA7DC8D2FD5D688F2B76E4D8A7FC211F69DC0C0C292068D60		
ALS_CBO020_9-8-16.PDF	Laboratory Analytical Report	2016-10-26T14:23:09-04:00	
Cryptographic Hash Value of File (SHA-512)	0AA2778A7A0BFEB729CA2FE1A5F6DA283A018DSC5971D6AE92173169126588CB29F8F34D6668F119651732834109DE65C9D1E9D200512F6B7540E0DD3A566676		
ALS_CBO020_9-15-16.PDF	Laboratory Analytical Report	2016-10-26T14:24:28-04:00	
Cryptographic Hash Value of File (SHA-512)	4FCA2C0BD89CF2A6AD437031BA320B6638A0929A92725371DC5E98FCF2F82413BF456259804B0705348A8DA3F963B6198EEBE02A70C4359EEEC68C0752A1A6AB		
ALS_CBO020_9-18-16.PDF	Laboratory Analytical Report	2016-10-26T14:24:53-04:00	
Cryptographic Hash Value of File (SHA-512)	846AEF388CF7DC108B6E1482F2023A83F504FA54083B4D0C72186A50093F86D528F057B868B7480F196CE82CF838114D657931879C050F97C3E46D1C36D480		
ALS_CBO020_9-25-16.PDF	Laboratory Analytical Report	2016-10-26T14:26:15-04:00	
Cryptographic Hash Value of File (SHA-512)	F5D74FA63A7E4FCA5807F2BD29EC9B2E84917D148BC72D988A0A6AC631CFCEA907DE5D722B2B30223B8A773794D1893CF64925CDA8FD156DD82B1A876DB050D		
ALS_CBO020_9-27-16.PDF	Laboratory Analytical Report	2016-10-26T14:26:44-04:00	
Cryptographic Hash Value of File (SHA-512)	A801AB3CF82F50D751F2CC961F7C4A3A5E47EFF1D8A4C2C30F1A85960282D563177B90CB8A5A702F427B274894A574608C276E54CB9849658BACF3DFF1B170		
ALS_CBO020_9-29-16.PDF	Laboratory Analytical Report	2016-10-26T14:27:06-04:00	
Cryptographic Hash Value of File (SHA-512)	F5E7125FD5F8819184A4EB2994FDFE8F5C8DBD6B9AD43DD2C30A3DCA79C45A20B79D4502C0669D884C69C28293CDECC6A1BC0A85D9419206EEA4FBA25C		
September 2016 SWMM Report.xlsx	CSO Detailed Outfall Report Form	2016-10-26T14:15:26-04:00	
Cryptographic Hash Value of File (SHA-512)	BA01118C2059B07FACD08B18C72B51B387887834F9D90782E9827E6A7E21B39299F6524B8E81A45343E02DF77E677C8876D1868028681ED08E4A4C64D0470F5981		
Sludge Production and Disposal_SEP 2016.xlsx	Sewage Sludge / Biosolids Production and Disposal Form	2016-10-26T14:15:51-04:00	
Cryptographic Hash Value of File (SHA-512)	C20091C951E29C3543D66E0A9A8D38B25B51BBEE6D803EE87124744C487BD4FB21E9996AA7485260BD04D7A623C91B65FB74C78A7415A5B93EA3EDF4F9672DD396		
DMR Laboratory Accreditation-WRTP-SEP 2016.doc	DMR Laboratory Accreditation Form	2016-10-26T14:18:16-04:00	
Cryptographic Hash Value of File (SHA-512)	02EF3F7D828C1CDB66D682D1AAC4786E93F27F25932BCD4A6B78E18EC3E97563FF0E4947BD45E2343945C32FB6F6852051A09CD8416D0E7E6F87C41A7494B9BC		
Daily Effluent Monitoring SEP 2016.xlsx	Daily Effluent Monitoring Form	2016-10-26T14:08:57-04:00	
Cryptographic Hash Value of File (SHA-512)	7729A3F27512E5902BDFC3F316461F9E5A6128AE4554A1384F55961CF93E1551A2DD41E45EFB9841A95AD13FB86EA0FA43D83CA787F49F22E031947BFF74C6800		
ALS_CBO020_9-13-16.PDF	Laboratory Analytical Report	2016-10-26T14:24:02-04:00	
Cryptographic Hash Value of File (SHA-512)	BC3ED124AB2C2ADFB955BDBC2AA590AAE8E6C7F4DFEB4F8C4D9B00A0204096D8C05AB5947E5922ADF49573CS5B9A82CFDA74DC15007269F7D02A27704009A497		
DMR Cover Letter SEP 2016.doc	Cover Letter	2016-10-27T12:46:38-04:00	
Cryptographic Hash Value of File (SHA-512)	960882A1CD4975467BEFBF9FB5CA4EE0F6439CA5B27261BDAD9CEDF0A7BDB263CB3143F5FA648C854E3C32AE4EC3A934B390B51B403C924073EDB2C44E4607		
WRTP_Influent_Sep2016.pdf	Laboratory Analytical Report	2016-10-26T14:20:14-04:00	
Cryptographic Hash Value of File (SHA-512)	F00A258625F58991BA1BB482F465383D8C0E2FC6C36E2D545C85B8BF6534AC03A2B6806B3E75BF7B8DFB8BEE5C6D85DCA84A4207AB942F175BEF4C511CE1B8B6E2		
ALS_CBO020_9-1-16.PDF	Laboratory Analytical Report	2016-10-26T14:22:19-04:00	
Cryptographic Hash Value of File (SHA-512)	8D15B397B8C22F9F094832E283860EED442D45D4F03755748926692D86C6A1E4A851A787504C2764467B84C6120D2CF385173431D8F5402DC0C31103252C8EE4		
Influent and Process Control_SEP2016.xls	Influent and Process Control Form	2016-10-26T14:14:48-04:00	
Cryptographic Hash Value of File (SHA-512)	9BF920B16395239544FC9CD213AF976583093F729E4318ADA3B2EFA9C860D366DAD4D18DE8A724A8A08D8AFAF919F0E9F4DA3CF6AAEAC045F4BA8B51CDDC826632065C		
Trucked Waste_SEP2016.xlsx	Other	2016-10-26T14:16:15-04:00	Trucked Waste_SEP2016
Cryptographic Hash Value of File (SHA-512)	6C8F5250A4B0E45B73963BA09F28A4F5E152DECB8293F653D6CA58B2B0189D0413E9A45A5E363334875BDDCC37B5736EE7EA547328C17C0313CFB888EC1EF4DF05		
DMR Laboratory Accreditation-ALS-SEP 2016.doc	Laboratory Accreditation Form	2016-10-26T14:17:50-04:00	
Cryptographic Hash Value of File (SHA-512)	E2058B01E22863736476C86860BD279632044D06613A63B200E67D048F8DFA45D4867BFE05214E7D72DB0B8A545FA3B61B47659B6F44CCCE5E8A747FF8B725F5E68		
WRTP_Process Lab_SEP2016.pdf	Laboratory Analytical Report	2016-10-26T14:21:05-04:00	
Cryptographic Hash Value of File (SHA-512)	E89DA730DF95C8646D7013B20489AFA30164747CC78D8858CAA93A1B5FC08CA21DF06C50AF334F5593C04A4B1A51303601D073998E2B30F79BE663911FB9E1CA9		
ALS_CBO020_9-20-16.PDF	Laboratory Analytical Report	2016-10-26T14:25:20-04:00	
Cryptographic Hash Value of File (SHA-512)	F59062BF1F3C8642A5A8769100602437021B6A4875067E05E2DFD6FFFAE5975962B6A72DCF04BFDFAF420BCB0B5A679B170FB411183EFB3099E9EC0D896419		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DISCHARGE MONITORING REPORT (DMR)

ALS_CBOD20_9-22-16.PDF	Laboratory Analytical Report	2016-10-26T14:25:51-04:00	
Cryptographic Hash Value of File (SHA-612)	398D1E4ED19EA5424592F57945EEC3FB8500376F191B55C56D9898D956C049DFC12A16707E39D87386DE58FF54BEA72585C98C0116E31FC3BC18EC4DD14A95E7		
Hauled In Municipal Waste_SEP2016.xls	Hauled-In Municipal Waste Form	2016-10-26T14:12:06-04:00	
Cryptographic Hash Value of File (SHA-612)	879685D98E2FC6E6DE4E77B2FF24D750C9C553C9D349EB819331DDE838B9B997AACC7D13B8F674E35C002A572DCE2215C81C9442E358B32DCDC73792F6C55BA15		

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DISCHARGE MONITORING REPORT (DMR)

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		5108765523				
SUBMISSION INFORMATION												
*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 GreenPort User			DISANTISM			Submitted By Full Name			Michael DiSantis			
Email Address			disantism@delcora.org			Document Generated			10/27/2016			



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>6DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				16	09	01	TO 16 09 30

PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER ²				
Copper, Total	EPA 200.7	ALS Environmental	PA 22-293				
Lead, Total	EPA 200.7	ALS Environmental	PA 22-293				
Zinc, Total	EPA 200.7	ALS Environmental	PA 22-293				
Dichlorobromomethane	EPA 624	ALS Environmental	PA 22-293				
BOD20/cBOD20	SM5210 B	ALS Environmental	PA 22-293				
Chlorodibromomethane	EPA 624	ALS Environmental	PA 22-293				
TKN-N	EPA 351.2	ALS Environmental	PA 22-293				
Ammonia as N	D6919-09	ALS Environmental	PA 22-293				
Nitrate as N	EPA 300.0	ALS Environmental	PA 22-293				
Total Cyanide	EPA 335.4	ALS Environmental	PA 22-293				
Total Cadmium	200.7	ALS Environmental	PA 22-293				
Nitrite as N	EPA 300.0	ALS Environmental	PA 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
Date: 10/28/16

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				16	09	01	TO 16 09 30
PARAMETER							
ANALYSIS METHOD							
LAB NAME							
LAB ID NUMBER²							
BOD5/cBOD5							
SM5210 B							
DELCORA - Central Laboratory							
23-00671							
TSS							
SM 2540 D							
DELCORA - Central Laboratory							
23-00671							
O&G							
EPA 1664 A							
DELCORA - Central Laboratory							
23-00671							
Total Residual Cl							
SM4500-Cl G							
DELCORA - Central Laboratory							
23-00671							
N-Nitrite							
SM4500-NO2 B							
DELCORA - Central Laboratory							
23-00671							
NH3-N							
EPA 350.1							
DELCORA - Central Laboratory							
23-00671							
TKN-N							
SM4500-N-org B/SM4500-NH3 C							
DELCORA - Central Laboratory							
23-00671							
Fecal Coliform							
SM 9222 D							
DELCORA - Central Laboratory							
23-00671							
BOD20/cBOD20							
SM5210 B							
DELCORA - Central Laboratory							
23-00671							
pH							
SM 4500 H+B							
DELCORA - Central Laboratory							
23-00671							
Ammonia as N							
EPA 350.1							
DELCORA - Central Laboratory							
23-00671							
TDS							
SM 2540 C							
DELCORA - Central Laboratory							
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: 610.876.5523

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

Michael J. DiSantis

Date: 10/28/2016

¹ 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.

² 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: **DELCORA STP**
 Municipality: **City Of Chester**
 Watershed: **3G**

County: Delaware

Month: **September** Year: **2016**
 NPDES Permit No.: **PA0027103**
 Renewal application due **180 days** prior to expiration
 This permit will expire on: **April 30, 2018**

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[illegible]**TOTAL:****TOTAL:**

TOTAL:	1,116.870
---------------	------------------

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	Cumberland County Landfill	Mostoller Landfill, INC	Wicks Community Landfill and Recy	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

* 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 DiSantis**
 Title: **Dir. Of Operations and Maintenance**

License No.: **T0403**
Date: **October 28, 2016**



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: DELCORA WRTTP
 Municipality: City of Chester
 Watershed: 3G

County: Delaware

Month: September Year: 2016

NPDES Permit No.: PA0027103

Renewal application due 180 days prior to expiration.

This permit will expire on: April 30, 2018

Day	Influent				Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	28.65			494	118,037	4330.00	1.03	122273
2	27.16			468	106,009	4405.00	1.04	165813
3	25.18			420	88,201	4540.00	1.22	203729
4	23.98			198	39,599	4675.00	1.21	225903
5	24.65			198	40,705	4665.00	1.28	222745
6	26.14			634	138,217	3790.00	0.99	230955
7	26.25	407	89,102	470	102,895	4170.00	1.08	259778
8	27.06			762	171,968	3845.00	1.01	251811
9	27.68			860	198,532	4150.00	1.08	250816
10	26.77			444	99,128	3955.00	1.15	234693
11	26.33			312	68,513	3725.00	1.24	237199
12	26.52			436	96,433	2985.00	1.00	235557
13	26.21			536	117,165	3490.00	1.00	218811
14	26.40	452	99,520	558	122,858	3285.00	0.95	232471
15	26.21			592	129,406	3305.00	0.96	239653
16	25.79			482	103,673	3075.00	0.91	251034
17	25.88			274	59,140	3795.00	1.08	222698
18	25.87			220	47,466	3610.00	1.15	205640
19	37.13			420	130,059	3020.00	0.86	220004
20	29.91			332	82,817	2795.00	0.97	221612
21	28.13	297	69,677	440	103,226	3760.00	1.00	150557
22	26.10			454	98,824	3700.00	1.15	170178
23	25.49			488	103,742	3150.00	1.12	230620
24	24.58			245	50,224	3630.00	1.23	136189
25	24.35			212	43,053	3105.00	1.25	232239
26	24.63			382	78,468	2650.00	1.07	229143
27	26.25			328	71,807	3240.00	1.27	200460
28	26.05	299	64,960	342	74,302	3350.00	1.17	219081
29	36.49			274	83,385	3480.00	1.21	193432
30	52.88			300	132,306	3125.00	1.37	205890
31								
Avg	27.824	364	80,815	419	96,672	3,627	1	214,033
Max	52.88	452	99,520	860	198,532	4,675	1	259,778

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: Micheal DiSantis
 Title: Dir. Of Operations and Maintenance

License No.: T0403
 Date: 10/28/2016



SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

3800-FM-BPNPMSM0437 3/2012

Facility Name: **DELCORA STP**
Municipality: **City of Chester**
Watershed: **3G**

County: **Delaware**

Month: **September** Year: **2016**

NPDES Permit No.: **PA0027103**

Renewal application due **180 days** prior to expiration.

This permit will expire on: **April 30, 2018**

Day	SEPTAGE			SLUDGE			OTHER (specify): Package Plant				DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)	Gallons	BOD ₅ (lbs)
1	39675			Headworks	134986			Sludge Thickening	108050		282,711	0
2	47200			Headworks	94238			Sludge Thickening	95900		237,338	0
3	10000			Headworks				Sludge Thickening			10,000	0
4				Headworks				Sludge Thickening				0
5				Headworks								
6	26700			Headworks	61693			Sludge Thickening	137900		226,293	0
7	29550			Headworks	83007			Sludge Thickening	182350		294,907	0
8	35300			Headworks	142384			Sludge Thickening	156984		334,668	0
9	33900			Headworks	124311			Sludge Thickening	89300		247,511	0
10	4300			Headworks	64600			Sludge Thickening			68,900	0
11				Headworks				Sludge Thickening				
12	42556			Headworks	53993			Sludge Thickening	94900		191,449	0
13	34300			Headworks	63819			Sludge Thickening	145500		243,619	0
14	46100			Headworks	30303			Sludge Thickening	81600		158,003	0
15	48550			Headworks	59400			Sludge Thickening	113000		220,950	0
16	11000			Headworks	70978			Sludge Thickening	51000		132,978	0
17	3600			Headworks				Sludge Thickening			3,600	0
18				Headworks								
19	23900			Headworks	43119			Sludge Thickening	55000		122,019	0
20	25300			Headworks	68836			Sludge Thickening	96600		190,736	0
21	39450			Headworks	63089			Sludge Thickening	85800		188,339	0
22	27300			Headworks	63784			Sludge Thickening	134700		225,784	0
23	33250			Headworks	87230			Sludge Thickening	122945		243,425	0
24	3000			Headworks				Sludge Thickening	6000		9,000	0
25				Headworks				Sludge Thickening				
26	29250			Headworks	65439			Sludge Thickening	84700		179,389	0
27	50475			Headworks	76121			Sludge Thickening	155600		282,196	0
28	41000			Headworks	77906			Sludge Thickening	80200		199,106	0
29	23850			Headworks	62340			Sludge Thickening	119200		205,390	0
30	20950			Headworks	33000			Sludge Thickening	97100		151,050	0
31				Headworks								
Avg	29,218				73,844				104,288		Monthly Totals: 4,649,361	

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 DiSantis**
Title: **Dir. Operations and Maintenance**

License No.: **T0403**
Date: **10/28/2016**



SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

3800-FM-BPNPSM0437 3/2012

Facility Name: DELCORA STP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: September Year: 2016

NPDES Permit No.: PA0027103

Renewal application due 180 days prior to expiration.

This permit will expire on: April 30, 2018

Day	SEPTAGE			SLUDGE			OTHER (specify): Holding Tank				DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)
1							83100			Headworks	83,100	0
2							64050			Headworks	64,050	0
3							30400			Headworks	30,400	0
4										Headworks		
5										Headworks		
6							68700			Headworks	68,700	0
7							56740			Headworks	56,740	0
8							47450			Headworks	47,450	0
9							84990			Headworks	84,990	0
10							20700			Headworks	20,700	0
11										Headworks		
12							63800			Headworks	63,800	0
13							48050			Headworks	48,050	0
14							79060			Headworks	79,060	0
15							69250			Headworks	69,250	0
16							79750			Headworks	79,750	0
17							36500			Headworks	36,500	0
18										Headworks		
19							85000			Headworks	85,000	0
20							82350			Headworks	82,350	0
21							80900			Headworks	80,900	0
22							46300			Headworks	46,300	0
23							74850			Headworks	74,850	0
24							27900			Headworks	27,900	0
25										Headworks		
26							79780			Headworks	79,780	0
27							50200			Headworks	50,200	0
28							55700			Headworks	55,700	0
29							53600			Headworks	53,600	0
30							56600			Headworks	56,600	0
31										Headworks		
Avg							61,029			Monthly Totals:	1,525,720	

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: Headworks
Title: Dir. Operations and Maintenance

License No.: T0403
Date: 10/28/2016



DEPARTMENT OF ENVIRONMENTAL PROTECTION

SUPPLEMENTAL REPORT - HAULED IN RESIDUAL WASTES

3800-FM-BPNPSM0450 3/2012

Facility Name:

DELCORA STP

Municipality:

City of Chester

Watershed:

County: Delaware

Month: **September**

NPDES Permit No.: PA0027103 A3

Renewal application due **180 days** prior to expiration.

This permit will expire on: **April 30, 2018**

Year: 2016

[illegible]

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 DiSantis

Title: Dir. Operations and Maintenance

License No. 11

Date: 10/28/2016



SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

31009 J 54-42241 P3 MCS 25 3/2012

Facility Name: Municipality: Watershed: Laboratories:	DELCORA WRTSP City of Chester 3G DELCORA; ALS Environmental Laboratories;	County: Delaware	Month: 9 (select number) Year: 2016 Permit No.: PA0027103 A3 Renewal application due 180 days prior to expiration. This permit will expire on: April 30, 2018
--	---	------------------	---

Station	Date	Flow	TSS	SODS	CBOD5	DO								
						1	2	3	4	5	6	7	8	
1	Mon	10/1/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Tue	10/2/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Wed	10/3/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Thu	10/4/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Fri	10/5/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Sat	10/6/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Sun	10/7/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Mon	10/8/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Tue	10/9/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Wed	10/10/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Thu	10/11/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Fri	10/12/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Sat	10/13/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Sun	10/14/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
2	Mon	10/15/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Tue	10/16/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Wed	10/17/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Thu	10/18/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Fri	10/19/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Sat	10/20/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Sun	10/21/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Mon	10/22/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Tue	10/23/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Wed	10/24/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Thu	10/25/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Fri	10/26/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Sat	10/27/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	Sun	10/28/78	21.00	400	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
3	Mon	10/29/78	21.00											

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License No.: T0403
Date: 10/28/2016

Prepared By: Micheal DiSantis
Title: Dir. Of Operations and Maintenance



CSO SUPPLEMENTAL REPORT MONTHLY INSPECTION REPORT

Facility Name: Delaware County Regional Water Quality Control Authority Month: September Year: 2016
 Municipality: City of Chester County: Delaware NPDES Permit No.: PA0027103
 Watershed: 3G Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

CSO Outfall No.	Outfall Location*	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tilghman	Yes	
009	2nd & Lloyd	Yes	
010	5th & Pusey	Yes	Total overflow from Outfalls 009 and 010
011	2nd & Parker	Yes	Discharges to Outfall 009 Regulator
012	2nd & Edgmont	Yes	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	Yes	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	Yes	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	Yes	
024	3rd & Dock	Yes	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	Yes	

Copy this report as needed to include more CSO outfalls.

* 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

Title: Dir. Of Operations and Maintenance

License No.: T0403

Date: 10/16/2016

Foley, Sue

From: depgreenporthelpdesk@state.pa.us
Sent: Thursday, November 24, 2016 9:00 AM
To: DiSantis, Michael; DiSantis, Michael; Piro, Ian
Subject: Your eDMR Report Has Been Received For Permit No. PA0027103

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

Facility Name: DELCORA STP
Permit Number: PA0027103
Report Frequency: Monthly
Report Type: DMR
Reporting Period: 10/01/2016-10/31/2016
Report Due Date: 11/28/2016

Submitted By: Michael DiSantis
Submission Id: 34802
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.



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

November 24, 2016

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for October, 2016. All parameters were in compliance during the month.

Parameter averages for October, 2016 were: Flow –24.76 MGD ; cBOD₅ –5 mg/l; TSS – 8 mg/L; cBOD₂₀ % removal –96.94 %; and cBOD₂₀ –3,153 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD:smf
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
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



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

NAME: **DELCORA**
ADDRESS: **100 EAST FIFTH STREET P.O. BOX 999, CHESTER PA, 19016-0999**
FACILITY: **DELCORA STP**
LOCATION: **3201 W FRONT ST, CHESTER PA, 19013-2320**
STAGE: **Final Effluent**

PA0027103
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency:
DMR Effective From:
DMR Effective To:
Permit Expires:
Permit Application Due
No Discharge?

Monthly
10/01/2016
10/31/2016
04/30/2018
11/28/2016
No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2016	10	01	TO 2016	10	31

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	UNITS		
pH	Sample Measurement	***	6.81	***	7.14	S.U.	Grab	1/day
	Permit Measurement	***	6.0	Inst Min	9.0	IMAX	Grab	1/day
Total Suspended Solids	Sample Measurement	1637	1960	lb/day	8	10	24-Hr Composite	1/day
	Permit Measurement	11000	18500	Avg Mo	30	45	24-Hr Composite	1/day
Oil and Grease	Sample Measurement	<1032	***	lb/day	<5	Wky Avg	Grab	1/day
	Permit Measurement	5500	Avg Mo	15	30	IMAX	Grab	1/day
Ammonia-Nitrogen	Sample Measurement	***	***	***	1.72	***	24-Hr Composite	2/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	24-Hr Composite	2/month
Nitrite as N	Sample Measurement	***	***	***	.31	***	24-Hr Composite	2/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	.32	24-Hr Composite	2/month
Nitrate as N	Sample Measurement	***	***	***	9.78	14.88	24-Hr Composite	2/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	24-Hr Composite	2/month
Total Kjeldahl Nitrogen	Sample Measurement	***	***	***	3.97	***	24-Hr Composite	2/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	24-Hr Composite	2/month
Cyanide, Total	Sample Measurement	***	***	***	.028	***	Grab	1/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	24-Hr Composite	1/month
Chlorobromomethane	Sample Measurement	***	***	***	.0016	***	Grab	1/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	Grab	1/month
Cadmium, Total	Sample Measurement	***	***	***	<.001	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	24-Hr Composite	1/month
Copper, Total	Sample Measurement	***	***	***	<.005	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	24-Hr Composite	1/month
Lead, Total	Sample Measurement	***	***	***	<.003	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	24-Hr Composite	1/month
Zinc, Total	Sample Measurement	***	***	***	.089	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	24-Hr Composite	1/month
Dichlorobromomethane	Sample Measurement	***	***	***	.0018	***	Grab	1/month
	Permit Measurement	***	***	Monitor & Report	Avg Mo	***	Grab	1/month
Flow	Sample Measurement	24.76	34.44	MGD	***	***	Measured	Continuous
	Permit Measurement	Monitor & Report	Monitor & Report	Daily Max	***	***	Measured	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	***	.4	.78	Grab	1/day
	Permit Measurement	***	***	***	.5	1.0	Grab	1/day

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



Total Dissolved Solids	Sample Measurement	***	***	***	***	762	665	mg/L	24-Hr Composite	5week
	Permit Measurement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max		24-Hr Composite	2/mon
Fixed Chlorine	Sample Measurement	***	***	***	***	33	500	CFU/100 ml	Grab	1day
	Permit Measurement	***	***	***	***	200	1000		Grab	1day
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	998	1174	Isday	Isday	5	6	mg/L	24-Hr Composite	1day
	Permit Measurement	7030	10500	Wkly Avg	Wkly Avg	19	29		24-Hr Composite	1day
BOD, carbonaceous, 20 day, 20 C	Sample Measurement	3153	***	Isday	Isday	***	***	***	24-Hr Composite	3week
	Permit Measurement	10500	***	***	***	***	***		24-Hr Composite	1week
BOD, carbonaceous, 20 day, 20 C	Sample Measurement	***	***	***	***	95.94	***	%	24-Hr Composite	1week
	Permit Measurement	***	***	***	***	89.25	***		24-Hr Composite	1week
Biochemical Oxygen Demand (BOD5)	Sample Measurement	55207	***	Isday	Isday	295	***	mg/L	24-Hr Composite	1week
	Permit Measurement	Monitor & Report Avg Mo	***	***	***	Monitor & Report Avg Mo	***		24-Hr Composite	1week
Total Suspended Solids	Sample Measurement	71562	***	Isday	Isday	341	***	mg/L	24-Hr Composite	1day
	Permit Measurement	Monitor & Report Avg Mo	***	***	***	Monitor & Report Avg Mo	***		24-Hr Composite	1day
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	47188	***	Isday	Isday	224	***	mg/L	24-Hr Composite	1day
	Permit Measurement	Monitor & Report Avg Mo	***	***	***	Monitor & Report Avg Mo	***		24-Hr Composite	1day
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
ALS_CBO020_10-11-16.PDF	Laboratory Analytical Report	2016-11-23T10:57:45-05:00	
ALS_CBO020_10-4-16.PDF	Laboratory Analytical Report	2016-11-23T10:58:05-05:00	
Sludge Production and Disposal_October_2016.xlsx	Sewage Sludge / Biosolids Production and Disposal Form	2016-11-23T10:45:17-05:00	
Trucked Waste_Oct2016.xlsx	Other	2016-11-23T10:47:11-05:00	Trucked Waste_Oct2016
WRTP_Effluent_OCT2016.pdf	Laboratory Analytical Report	2016-11-23T10:52:42-05:00	
ALS_CBO020_10-2-16.PDF	Laboratory Analytical Report	2016-11-23T10:56:42-05:00	
ALS_CBO020_10-8-16.PDF	Laboratory Analytical Report	2016-11-23T10:56:59-05:00	
Daily Influent Monitoring Oct 2016.xlsx	Daily Effluent Monitoring Form	2016-11-23T10:42:27-05:00	Daily Influent Monitoring
Hauled In Municipal Waste_OCT2016.xls	Hauled-In Municipal Waste Form	2016-11-23T10:42:57-05:00	
Hauled In Residual Waste_OCT2016.xls	Hauled-In Residual Waste Form	2016-11-23T10:43:27-05:00	
DMR Laboratory Accreditation-ALS-OCT 2016.doc	Laboratory Accreditation Form	2016-11-23T10:51:16-05:00	
ALS_Effluent_OCT2016.PDF	Laboratory Analytical Report	2016-11-23T10:52:18-05:00	
WRTP_Influent_OCT2016.pdf	Laboratory Analytical Report	2016-11-23T10:53:27-05:00	
ALS_CBO020_10-25-16.PDF	Laboratory Analytical Report	2016-11-23T11:00:14-05:00	
DMR Cover Letter OCT 2016.doc	Cover Letter	2016-11-24T08:57:56-05:00	
Influent and Process Control_OCT2016.xls	Influent and Process Control Form	2016-11-23T10:43:54-05:00	
October 2016 SWMM Report.xlsx	CSO Detailed Outfall Report Form	2016-11-23T10:44:41-05:00	
DMR Laboratory Accreditation-WRTP-OCT 2016.doc	Laboratory Accreditation Form	2016-11-23T10:51:47-05:00	
ALS_CBO020_10-30-16.PDF	Laboratory Analytical Report	2016-11-23T11:00:56-05:00	
Daily Effluent Monitoring Oct 2016.xlsx	Daily Effluent Monitoring Form	2016-11-23T10:40:30-05:00	
WRTP_Process_OCT2016.pdf	Laboratory Analytical Report	2016-11-23T10:55:11-05:00	
ALS_CBO020_10-13-16.PDF	Laboratory Analytical Report	2016-11-23T10:58:18-05:00	
ALS_CBO020_10-16-16.PDF	Laboratory Analytical Report	2016-11-23T10:58:41-05:00	
ALS_CBO020_10-20-16.PDF	Laboratory Analytical Report	2016-11-23T10:59:31-05:00	
ALS_CBO020_10-23-16.PDF	Laboratory Analytical Report	2016-11-23T10:58:54-05:00	
ALS_CBO020_10-27-16.PDF	Laboratory Analytical Report	2016-11-23T11:00:36-05:00	

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
36888	Final Effluent (01)	Cycle, Total	Sample type not in accordance with permit	

COMMENTS DETAILS

Comment	Operator Name	Operator Contact Number	Operator Contact Number
	Michael L DiSantis	TD03	6108765523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	Michael DiSantis			TELEPHONE		DATE	
DISANTISM	SUBMITTED BY FULL NAME			AREA CODE	NUMBER	2016	11
				AREA CODE	NUMBER	YEAR	MO DAY



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>6DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				16	10	01	TO
				16	10	31	
PARAMETER		ANALYSIS METHOD		LAB NAME		LAB ID NUMBER²	
Copper, Total		EPA 200.7		ALS Environmental		PA 22-293	
Lead, Total		EPA 200.7		ALS Environmental		PA 22-293	
Zinc, Total		EPA 200.7		ALS Environmental		PA 22-293	
Dichlorobromomethane		EPA 624		ALS Environmental		PA 22-293	
BOD20/cBOD20		SM5210 B		ALS Environmental		PA 22-293	
Chlorodibromomethane		EPA 624		ALS Environmental		PA 22-293	
TKN-N		EPA 351.2		ALS Environmental		PA 22-293	
Ammonia as N		D6919-09		ALS Environmental		PA 22-293	
Nitrate as N		EPA 300.0		ALS Environmental		PA 22-293	
Total Cyanide		EPA 335.4		ALS Environmental		PA 22-293	
Total Cadmium		200.7		ALS Environmental		PA 22-293	
Nitrite as N		EPA 300.0		ALS Environmental		PA 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

Date: 11/28/16

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>										
Address: <u>P.O. Box 999</u>										
<u>Chester, PA 19016</u>										
<u>19016</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0027103				16	10	01	TO	16	10	31
PARAMETER										
ANALYSIS METHOD										
LAB NAME										
LAB ID NUMBER²										
BOD5/cBOD5										
SM5210 B										
DELCORA - Central Laboratory										
23-00671										
TSS										
SM 2540 D										
DELCORA - Central Laboratory										
23-00671										
O&G										
EPA 1664 A										
DELCORA - Central Laboratory										
23-00671										
Total Residual Cl										
SM4500-Cl G										
DELCORA - Central Laboratory										
23-00671										
N-Nitrite										
SM4500-NO2 B										
DELCORA - Central Laboratory										
23-00671										
NH3-N										
EPA 350.1										
DELCORA - Central Laboratory										
23-00671										
TKN-N										
SM4500-N-org B/SM4500-NH3 C										
DELCORA - Central Laboratory										
23-00671										
Fecal Coliform										
SM 9222 D										
DELCORA - Central Laboratory										
23-00671										
BOD20/cBOD20										
SM5210 B										
DELCORA - Central Laboratory										
23-00671										
pH										
SM 4500 H+B										
DELCORA - Central Laboratory										
23-00671										
Ammonia as N										
EPA 350.1										
DELCORA - Central Laboratory										
23-00671										
TDS										
SM 2540 C										
DELCORA - Central Laboratory										
23-00671										

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Name/Title Principal Executive Officer

Phone: 610.876.5523

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

Michael J. DiSantis

Date: 11/28/2016

¹ 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.

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Facility Name: **DELORA STP**
Municipality: **City Of Chester**
Watershed: **3G**

SUPPLEMENTAL REPORT SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL

Month: **October** Year: **2016**
 NPDES Permit No.: **PA0027103**
 Renewal application due **180 days** prior to expiration
 This permit will expire on: **April 30, 2018**

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

[illegible]

TOTAL:

TOTAL:**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	Cumberland County Landfill	Mostoller Landfill, INC	Wicks Community Landfill and Recycling	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

* 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 DiSantis**
 Title: **Dir. Of Operations and Maintenance**

License No.: T0403
Date: November 28, 2016

Date	Time	Flow	Fecal Coliform	pH	CBOD5	CBOD20	CBOD20	TSS	TSS	K	TDS	Oil and Grease	TTC	NH3-N	NO3-N	TKN	Total Copper	Total Lead
1	10/17/18	23:21	240	8.53	4	11	25	8	8	94.71	688.00	5	0.02					
	10/17/18	23:41	75	8.79	4			7	7	89.52	688.00	5	0.78					
	10/17/18	23:54	75	8.79	4			7	7	89.52	688.00	5	0.78					
	10/17/18	23:51	23	8.74	5	18	18	8	8	87.38	688.00	5	0.32					
	10/17/18	23:58	59	8.67	5			8	8	87.38	688.00	5	0.32					
	10/17/18	24:03	82	7.01	6	15	15	7	7	87.63	788.00	5	0.54					
	10/17/18	24:17	63	7.10	5			8	8	87.63	788.00	5	0.36					
	10/17/18	24:58	10	7.07	4			8	8	86.74	788.00	5	0.30					
	10/17/18	24:44	500	8.79	4	9	9	7	7	86.03	788.00	5	0.34					
	10/17/18	27:43	4	8.42	3			6	6	94.81	622.00	5	0.57					
	10/17/18	27:27	32	8.77	4	12	12	6	6	98.03	748.00	5	0.22					
	10/17/18	24:30	15	8.62	4			5	5	96.74	863.00	5	0.21					
	10/17/18	24:25	7	6.99	5	14	14	7	7	98.85	863.00	5	0.49					
	10/17/18	24:41	90	8.87	5			6	6	98.89	863.00	5	0.03					
	10/17/18	22:08	43	7.03	4			8	8	87.44	788.00	5	0.29					
	10/17/18	22:25	25	6.74	4	10	10	8	8	95.35	788.00	5	0.49					
	10/17/18	25:21	47	6.81	4			8	8	87.35	788.00	5	0.25					
	10/17/18	25:34	69	6.90	5	21	21	8	8	88.14	788.00	5	0.51					
	10/17/18	24:27	14	6.95	3			7	7	87.46	788.00	5	0.23					
	10/17/18	21:51	48	6.88	4	16	16	5	5	88.41	788.00	5	0.34					
	10/17/18	21:51	68	7.09	5			5	5	88.45	788.00	5	0.44					
	10/17/18	22:34	68	7.14	4			7	7	87.57	788.00	5	0.49					
	10/17/18	23:19	18	6.85	4	16	16	7	7	88.11	788.00	5	0.84					
	10/17/18	23:19	18	6.85	4			7	7	88.11	788.00	5	0.84					
	10/17/18																	

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 review and the review of others who I believe are qualified to evaluate the information, I certify that this document contains true and accurate information, and that I am not aware of any information or documents that have been omitted or falsified. Any intentional falsification or omission of information on this document is a violation of the federal criminal laws concerning false statements and documents. I am not providing this information to the public and I am not releasing this information to the public.

Prepared By: Michael DiSantis
 Title: Dir. Of Operations and Maintenance
 License No.: T0403
 Date: 11/28/2016

SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: Municipality: Watershed: Laborator:	DELCORA WRTP 3G DELCORA; ALS Environmental	County: <u>Dalaware</u>	Month: <u>10</u> (order number) Permit No.: <u>PA0027103 A3</u> Renewal application due <u>180</u> days prior to expiration. This permit will expire on: <u>April 30, 2018</u>	Year: <u>2016</u> Outfall: <u>001</u>
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Station	Flow	TSS	BOD5	CBOD5
1	501715	170		152
2	502745	140		100
3	503715	244		145
4	504715	342		218
5	505715	357	202	333
6	506715	612		365
7	507715	278		213
8	508715	184		151
9	509715	135		121
10	510715	102		109
11	511715	119		107
12	512715	308	220	186
13	513715	612		320
14	514715	254		140
15	515715	234		146
16	516715	230		122
17	517715	355		209
18	518715	450		360
19	519715	278	253	86
20	520715	358		355
21	521715	218		209
22	522715	135		109
23	523715	135		109
24	524715	135		109
25	525715	135		109
26	526715	135		109
27	527715	135		109
28	528715	135		109
29	529715	135		109
30	530715	135		109
31	531715	135		109
32	532715	135		109
33	533715	135		109
34	534715	135		109
35	535715	135		109
36	536715	135		109
37	537715	135		109
38	538715	135		109
39	539715	135		109
40	540715	135		109
41	541715	135		109
42	542715	135		109
43	543715	135		109
44	544715	135		109
45	545715	135		109
46	546715	135		109
47	547715	135		109
48	548715	135		109
49	549715	135		109
50	550715	135		109
51	551715	135		109
52	552715	135		109
53	553715	135		109
54	554715	135		109
55	555715	135		109
56	556715	135		109
57	557715	135		109
58	558715	135		109
59	559715	135		109
60	560715	135		109
61	561715	135		109
62	562715	135		109
63	563715	135		109
64	564715	135		109
65	565715	135		109
66	566715	135		109
67	567715	135		109
68	568715	135		109
69	569715	135		109
70	570715	135		109
71	571715	135		109
72	572715	135		109
73	573715	135		109
74	574715	135		109
75	575715	135		109
76	576715	135		109
77	577715	135		109
78	578715	135		109
79	579715	135		109
80	580715	135		109
81	581715	135		

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 of those personnel 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. § 4924 (relating to unknown falsification).

License No.: T0403
Date: 11/28/2016



SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

Facility Name: DELCORA STP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: October
NPDES Permit No.: PA0027103

Year: 2016

Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Day	SEPTAGE			SLUDGE			OTHER (specify):			PACKAGE PLANT			DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)	Gallons	BOD ₅ (lbs)
1	4000			Headworks			96300			Sludge Thickening	24700		Headworks	125,000
2				Headworks						Sludge Thickening			Headworks	0
3	45936			Headworks			60549			Sludge Thickening	78550		Headworks	185,035
4	28243			Headworks			101315			Sludge Thickening	155700		Headworks	285,258
5	21750			Headworks			109550			Sludge Thickening	143800		Headworks	275,100
6	44700			Headworks			105745			Sludge Thickening	139614		Headworks	290,059
7	21000			Headworks			83518			Sludge Thickening	95000		Headworks	199,518
8	3500			Headworks						Sludge Thickening	6700		Headworks	10,200
9				Headworks						Sludge Thickening			Headworks	0
10	32100			Headworks			18314			Sludge Thickening	79650		Headworks	130,064
11	34550			Headworks			68841			Sludge Thickening	137100		Headworks	240,491
12	29600			Headworks			68373			Sludge Thickening	133305		Headworks	231,278
13	49450			Headworks			103235			Sludge Thickening	121500		Headworks	274,185
14	13000			Headworks			64043			Sludge Thickening	118500		Headworks	195,543
15	6500			Headworks						Sludge Thickening			Headworks	0
16				Headworks						Sludge Thickening			Headworks	0
17	34000			Headworks			65635			Sludge Thickening	101700		Headworks	201,335
18	33450			Headworks			44304			Sludge Thickening	79700		Headworks	157,454
19	34400			Headworks			53725			Sludge Thickening	120600		Headworks	208,725
20	47050			Headworks			48934			Sludge Thickening	145271		Headworks	241,255
21	29600			Headworks			58497			Sludge Thickening	113800		Headworks	201,897
22	17400			Headworks						Sludge Thickening			Headworks	0
23				Headworks						Sludge Thickening			Headworks	0
24	40000			Headworks			47149			Sludge Thickening	64500		Headworks	151,649
25	59050			Headworks			71514			Sludge Thickening	136500		Headworks	267,064
26	24300			Headworks			56393			Sludge Thickening	144100		Headworks	224,793
27	29900			Headworks			55000			Sludge Thickening	206007		Headworks	290,907
28	43600			Headworks			51656			Sludge Thickening	180300		Headworks	275,556
29	6500			Headworks						Sludge Thickening	6200		Headworks	12,700
30				Headworks						Sludge Thickening			Headworks	0
31	33050			Headworks			41315			Sludge Thickening	182400		Headworks	256,765
Avg	29,486						55,996				113,133		Monthly Totals:	4,955,731

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 DiSantis
Title: Dir. Operations and Maintenance

License No.: T0403
Date: 11/28/2016



Facility Name: **DELCORA STP**
Municipality: **City of Chester**
Watershed: **3G**

County: Delaware

Year: 2016

NPDES Permit No.: **PA0027103 A3**
 Renewal application due **180 days** prior to expiration.
 This permit will expire on: **April 30, 2018**

[illegible]

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 DiSantis**
Title: **Dir. Operations and Maintenance**

License No.: T0403
Date: 11/28/2016

SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name:	DELCOBA WRTP	County:	Delaware	Month:	10	(select number)	Year:	2016
Municipality:	City of Chester			Permit No.:	PA027103 A3		Outfall:	001
Watershed:	3C			Renewal application due 180 days prior to expiration.				
Laboratories:	DELCOBA; ALS Environmental			This permit will expire on: April 30, 2018				

[illegible]

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 herein is true and 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 U.S.C. § 1001 and 5 U.S.C. § 504.

License No.: T9403
Date: 11/28/2016



CSO SUPPLEMENTAL REPORT MONTHLY INSPECTION REPORT

Facility Name: Delaware County Regional Water Quality Control Authority
 Municipality: City of Chester County: Delaware
 Watershed: 3G

Month: October Year: 2016
 NPDES Permit No.: PA0027103
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

CSO Outfall No.	Outfall Location*	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tilghman	Yes	
009	2nd & Lloyd	Yes	
010	5th & Pusey	Yes	Total overflow from Outfalls 009 and 010
011	2nd & Parker	Yes	Discharges to Outfall 009 Regulator
012	2nd & Edgmont	No	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	Yes	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	Yes	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	Yes	
024	3rd & Dock	No	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	No	

Copy this report as needed to include more CSO outfalls.

* 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
 Title: Dir. Of Operations and Maintenance

License No.: T0403
 Date: 11/21/2016

Bonnett, Barbara

From: depgreenporthelpdesk@state.pa.us
Sent: Thursday, December 22, 2016 4:53 PM
To: DiSantis, Michael; DiSantis, Michael; Piro, Ian
Subject: Your eDMR Report Has Been Received For Permit No. PA0027103

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

Facility Name: DELCORA STP
Permit Number: PA0027103
Report Frequency: Monthly
Report Type: DMR
Reporting Period: 11/01/2016-11/30/2016
Report Due Date: 12/28/2016

Submitted By: Michael DiSantis
Submission Id: 37378
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.



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

December 22, 2016

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for November, 2016. All parameters were in compliance during the month.

Parameter averages for November, 2016 were: Flow – 24.06 MGD; cBOD₅ – 9 mg/l; TSS – 12 mg/L; cBOD₂₀ % removal – 96.91 %; and cBOD₂₀ loading – 4,858 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD:bab
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
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



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

NAME: DELCORA
ADDRESS: 100 EAST FIFTH STREET P.O. BOX 999, CHESTER PA,
19016-0999
FACILITY: DELCORA STP
LOCATION: 3201 W FRONT ST, CHESTER PA, 19013-2320
STAGE: Final Effluent

PA0027103
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 11/01/2016
DMR Effective To: 11/30/2016
Permit Expires: 04/30/2018
Permit Application Due: 12/28/2016
No Discharge? No

Reorting Frequency:
DMR Effective From:
DMR Effective To:
Permit Expires:
Permit Application Due
No Discharge?

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2016	11	01	TO 2016	11	30

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
pH	Sample Measurement	***	6.78	***	7.19	S.U.	Grab	1day
	Permit Measurement	***	6.0	***	9.0	IMAX	Grab	1day
Total Suspended Solids	Sample Measurement	2576	lbs/day	4461	lbs/day	12	24-Hr Composite	1day
	Permit Measurement	11000	Wky Avg	16500	Wky Avg	45	24-Hr Composite	1day
Oil and Grease	Sample Measurement	1003	lbs/day	***	<5	5	Grab	1day
	Permit Measurement	5560	***	***	15	IMAX	Grab	1day
Ammonia-Nitrogen	Sample Measurement	***	***	7.44	***	***	24-Hr Composite	2/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	2/month
Nitrite as N	Sample Measurement	***	***	.81	***	9	24-Hr Composite	2/month
	Permit Measurement	***	***	Monitor & Report Daily Max	***	***	24-Hr Composite	2/month
Nitrate as N	Sample Measurement	***	***	5.78	***	8.07	24-Hr Composite	2/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	2/month
Total Kjeldahl Nitrogen	Sample Measurement	***	***	7.71	***	***	24-Hr Composite	2/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	2/month
Cyanide, Total	Sample Measurement	***	***	.007	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Chlorodifluoromethane	Sample Measurement	***	***	.0017	***	***	Grab	1/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	Grab	1/month
Cadmium, Total	Sample Measurement	***	***	< .001	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Copper, Total	Sample Measurement	***	***	.0059	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Lead, Total	Sample Measurement	***	***	< .003	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Zinc, Total	Sample Measurement	***	***	.05	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Dichlorodimethane	Sample Measurement	***	***	.0021	***	***	Grab	1/month
	Permit Measurement	***	***	Monitor & Report Avg Mo	***	***	Grab	1/month
Flow	Sample Measurement	37.7	MGD	***	***	***	Measured	Continuous
	Permit Measurement	24.06	MGD	***	***	***	Measured	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	4	***	.29	Grab	1day
	Permit Measurement	***	***	.5	***	1.0	Grab	1day



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

[illegible]



**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
DMR Cover Letter NOV 2016.doc	Cover Letter	2016-12-22T16:51:51-05:00	
Daily Influent Monitoring Nov 2016.xlsx	Daily Influent Monitoring Form	2016-12-22T13:16:09:05:00	
Effluent Monitoring Nov 2016.xlsx	Daily Effluent Monitoring Form	2016-12-22T13:16:35:05:00	
DMR Laboratory Accreditation-ALS-NOV 2016.doc	Laboratory Accreditation Form	2016-12-22T13:19:52:05:00	
DMR Laboratory Accreditation-WRTTP-NOV 2016.doc	Laboratory Accreditation Form	2016-12-22T13:20:09:05:00	
Hauled in Municipal Waste_NOV2016.xls	Hauled in Municipal Waste Form	2016-12-22T13:17:21:05:00	
Hauled in Residual Wastes_NOV2016.xls	Hauled in Residual Wastes Form	2016-12-22T13:17:59:05:00	
Influent and Process Control_NOV2016.xls	Influent and Process Control Form	2016-12-22T13:17:57:05:00	
Sludge Production and Disposal_NOV 2016.xlsx	Sludge Storage / Biosolids Production and Disposal Form	2016-12-22T13:18:07:05:00	
November 2016 SWMM Report.xlsx	CSD Detailed Outfall Report Form	2016-12-22T13:18:38:05:00	
Trucked Waste_Nov2016.xlsx	Other	2016-12-22T13:19:25:05:00	Trucked Waste_Nov2016
CBOD20_ALS_11-3-16.PDF	Laboratory Analytical Report	2016-12-22T13:22:59:05:00	
CBOD20_ALS_11-1-16.PDF	Laboratory Analytical Report	2016-12-22T13:22:40:05:00	
Sludge_WRTTP_NOV2016.pdf	Laboratory Analytical Report	2016-12-22T13:22:21:05:00	
Process_WRTTP_NOV2016.pdf	Laboratory Analytical Report	2016-12-22T13:22:05:05:00	
Influent_WRTTP_Nov2016.pdf	Laboratory Analytical Report	2016-12-22T13:21:44:05:00	
Effluent_WRTTP_Nov2016.pdf	Laboratory Analytical Report	2016-12-22T13:21:10:05:00	
CBOD20_ALS_11-23-16 PDF	Laboratory Analytical Report	2016-12-22T13:25:49:05:00	
CBOD20_ALS_11-23-16 PDF	Laboratory Analytical Report	2016-12-22T13:26:28:05:00	
CBOD20_ALS_11-17-16 PDF	Laboratory Analytical Report	2016-12-22T13:25:02:05:00	
CBOD20_ALS_11-13-16 PDF	Laboratory Analytical Report	2016-12-22T13:24:23:05:00	
CBOD20_ALS_11-10-16 PDF	Laboratory Analytical Report	2016-12-22T13:24:02:05:00	
CBOD20_ALS_11-8-16 PDF	Laboratory Analytical Report	2016-12-22T13:23:39:05:00	
CBOD20_ALS_11-6-16 PDF	Laboratory Analytical Report	2016-12-22T13:23:18:05:00	
Effluent(2)_ALS_Nov2016 PDF	Laboratory Analytical Report	2016-12-22T13:20:53:05:00	
Effluent(1)_ALS_Nov2016 PDF	Laboratory Analytical Report	2016-12-22T13:20:35:05:00	
CBOD20_ALS_11-27-16 PDF	Laboratory Analytical Report	2016-12-22T13:26:07:05:00	
CBOD20_ALS_11-15-16 PDF	Laboratory Analytical Report	2016-12-22T13:24:42:05:00	
CBOD20_ALS_11-20-16 PDF	Laboratory Analytical Report	2016-12-22T13:25:26:05:00	

PERMIT VIOLATIONS

Non Compliance ID	Event Begin Date	Event End Date	Parameter	Limit Type	Reported Value	Permitted Value	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 Event)	Reported Parameter	Non Compliance Type	Comments
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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	2016	12				
DISANTISM	SUBMITTED BY FULL NAME		AREA CODE	NUMBER	YEAR	MO	DAY			



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>6DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				16	11	01	TO 16 11 30
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
Copper, Total	EPA 200.7	ALS Environmental		PA 22-293			
Lead, Total	EPA 200.7	ALS Environmental		PA 22-293			
Zinc, Total	EPA 200.7	ALS Environmental		PA 22-293			
Dichlorobromomethane	EPA 624	ALS Environmental		PA 22-293			
BOD20/cBOD20	SM5210 B	ALS Environmental		PA 22-293			
Chlorodibromomethane	EPA 624	ALS Environmental		PA 22-293			
TKN-N	EPA 351.2	ALS Environmental		PA 22-293			
Ammonia as N	D6919-09	ALS Environmental		PA 22-293			
Nitrate as N	EPA 300.0	ALS Environmental		PA 22-293			
Total Cyanide	EPA 335.4	ALS Environmental		PA 22-293			
Total Cadmium	200.7	ALS Environmental		PA 22-293			
Nitrite as N	EPA 300.0	ALS Environmental		PA 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
Date: 12/28/16

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				16	11	01	TO 16 11 30
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
BOD5/cBOD5	SM5210 B	DELCORA - Central Laboratory		23-00671			
TSS	SM 2540 D	DELCORA - Central Laboratory		23-00671			
O&G	EPA 1664 A	DELCORA - Central Laboratory		23-00671			
Total Residual Cl	SM4500-Cl G	DELCORA - Central Laboratory		23-00671			
N-Nitrite	SM4500-NO2 B	DELCORA - Central Laboratory		23-00671			
NH3-N	EPA 350.1	DELCORA - Central Laboratory		23-00671			
TKN-N	SM4500-N-org B/SM4500-NH3 C	DELCORA - Central Laboratory		23-00671			
Fecal Coliform	SM 9222 D	DELCORA - Central Laboratory		23-00671			
BOD20/cBOD20	SM5210 B	DELCORA - Central Laboratory		23-00671			
pH	SM 4500 H+B	DELCORA - Central Laboratory		23-00671			
Ammonia as N	EPA 350.1	DELCORA - Central Laboratory		23-00671			
TDS	SM 2540 C	DELCORA - Central Laboratory		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: 610.876.5523
**Signature of Principal Executive Officer or
Authorized Agent**
Michael J. DiSantis
Date: 12/28/2016

¹ 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.

² 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: **DELCORA STP**
Municipality: **City Of Chester**
Watershed: **3G**

Month: **November**
NPDES Permit No.: **PA0027103**
Renewal application due **180 days** prior to expiration date
This permit will expire on: **April 30, 2018**

Year: 2016

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[illegible]**TOTAL:**

TOTAL:

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	Cumberland County Landfill	Mostoller Landfill, INC	arks Community Landfill and Recy	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

* 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 DiSantis**
Title: **Dir. Of Operations and Maintenance**

License No.: T0403
Date: December 28, 2016



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: DELCORA WRTP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: November Year: 2016
NPDES Permit No.: PA0027103
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Day	Influent				Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	23.30			564	109,598	4785.00	1.42	195168
2	23.94	510	101,826	822	164,120	4015.00	1.23	27452250
3	23.81			618	122,720	3675.00	0.97	20549750
4	23.95			482	96,276	4290.00	0.99	26078780
5	23.79			358	71,030	4510.00	0.86	27079690
6	23.49			240	47,018	4765.00	1.36	230246
7	23.87			980	195,094	4030.00	1.02	212995
8	24.42			482	98,165	4160.00	0.97	246845
9	25.98	459	99,453	574	124,370	4420.00	0.80	153180
10	23.11			530	102,151	4705.00	0.67	402977
11	24.75			535	110,432	5000.00	0.69	226751
12	22.91			264	50,442	5000.00	0.90	231015
13	23.03			236	45,329	5000.00	1.01	2310029
14	23.07			420	80,810	4590.00	0.86	204985
15	23.28			422	81,933	4820.00	0.88	203214
16	23.90	348	69,365	484	96,474	4370.00	1.00	174438
17	23.65			530	104,538	4355.00	0.91	26428770
18	24.42			518	105,497	4645.00	0.82	31583665
19	22.27			266	49,405	4770.00	0.89	3994819
20	21.93			202	36,945	4335.00	1.08	402974
21	24.58			534	109,469	3565.00	0.89	379421
22	24.60			250	51,291	4200.00	0.76	435184
23	23.36	668	130,141	622	121,180	3820.00	0.79	427368
24	23.37			248	48,337	3795.00	1.02	402541
25	23.05			250	48,059	3550.00	1.05	397318
26	22.55			304	57,172	3105.00	1.04	421745
27	22.51			208	39,049	2975.00	1.57	405145
28	23.13			480	92,594	2470.00	1.06	175441
29	38.13			496	157,730	3085.00	1.17	128196
30	35.02	217	63,378	268	78,274	3500.00	1.40	412484
31								
Avg	24.439	440	92,833	440	89,850	4,144	1	5,731,579
Max	38.13	668	130,141	950	195,094	5,000	2	31,583,665

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: Micheal DiSantis
Title: Dir. Of Operations and Maintenance

License No.: T0403
Date: 12/28/2016



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

Facility Name: DEL CORA STP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: November
NPDES Permit No.: PA0027103

Year: 2016

Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Day	SEPTAGE			SLUDGE			OTHER (specify): Holding Tank			DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)	BOD ₅ (lbs)
1	61850			Headworks	50104			Sludge Thickening	75200		187,154
2	41300			Headworks	56712			Sludge Thickening	85100		183,112
3	35650			Headworks	74904			Sludge Thickening	51230		161,784
4	30650			Headworks	111400			Sludge Thickening	74000		216,050
5	3000			Headworks	95400			Sludge Thickening	21000		119,400
6				Headworks				Sludge Thickening			
7	38906			Headworks	54360			Sludge Thickening	75710		168,976
8	35200			Headworks	57592			Sludge Thickening	67750		160,542
9	83100			Headworks	30425			Sludge Thickening	62800		176,325
10	30800			Headworks	61113			Sludge Thickening	64250		156,163
11	22550			Headworks	28598			Sludge Thickening	65800		116,948
12	2750			Headworks				Sludge Thickening	25000		27,750
13				Headworks				Sludge Thickening			
14	35700			Headworks	37281			Sludge Thickening	70900		143,881
15	45800			Headworks	70004			Sludge Thickening	64200		180,004
16	36000			Headworks	41413			Sludge Thickening	44900		122,313
17	38700			Headworks	96894			Sludge Thickening	45400		180,994
18	44850			Headworks	45225			Sludge Thickening	65550		155,625
19	10000			Headworks				Sludge Thickening	23000		33,000
20				Headworks				Sludge Thickening			
21	45450			Headworks	78964			Sludge Thickening	53500		177,914
22	36750			Headworks	82949			Sludge Thickening	60530		180,229
23	42850			Headworks	44847			Sludge Thickening	27750		115,447
24				Headworks				Sludge Thickening			
25	12965			Headworks	44543			Sludge Thickening	33025		90,533
26	7000			Headworks				Sludge Thickening	7250		14,250
27				Headworks				Sludge Thickening			
28	41450			Headworks	43149			Sludge Thickening	60580		145,179
29	42150			Headworks	49904			Sludge Thickening	78200		170,254
30	39400			Headworks	86590			Sludge Thickening	60930		186,920
31				Headworks				Sludge Thickening			
AVG	34,593				61,017				54,542		Monthly Totals: 3,570,747

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: Headworks
Title: Dir. Operations and Maintenance

License No.: T0403
Date: 12/28/2016



SUPPLEMENTAL REPORT - HAULED IN RESIDUAL WASTES

Facility Name: DELCORA STP
Municipality: City of Chester County: Delaware
Watershed: 3G

Month: **November** Year: **2016**

NPDES Permit No.: **PA0027103 A**
 Renewal application due **180 days** prior to expiration.
 This permit will expire on: **April 30, 2018**

[illegible]

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 DiSantis**
 Title: **Dir. Operations and Maintenance**
 License No.: **T0403**
 Date: **12/28/2016**

CELLULOSE
TALINEROLUBLE AND LIQUIDCRYSTALLINE

Facility Name: DELORA WRTD
Municipality: City of Chester
Watershed: 36
Laboratories: DELORA; ALS Environmental
Month: _____ County: Delaware
Permit _____
Renew _____
This pe _____

[illegible]

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 review of this information and my knowledge of this person or entity, I am aware that the information submitted is 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 C.F.R. 4.954 (warning to unsworn tellers).

Prepared By: Micheal DiSantis
Title: Dir. Of Operations and Maintenance
License No.: T0403
Date: 12/28/2016



CSO SUPPLEMENTAL REPORT MONTHLY INSPECTION REPORT

Facility Name:

Delaware County Regional Water Quality Control Authority

Month: **November** Year: **2016**

Municipality:

City of Chester

NPDES Permit No.: **PA0027103**

Watershed:

3G

County: **Delaware**Renewal application due **180 days** prior to expiration.This permit will expire on: **April 30, 2018**

CSO Outfall No.	Outfall Location*	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tilghman	Yes	
009	2nd & Lloyd	Yes	
010	5th & Pusey	Yes	
011	2nd & Parker	Yes	
012	2nd & Edgmont	No	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	Yes	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	Yes	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	Yes	
024	3rd & Dock	No	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	No	
			Total overflow from Outfalls 009 and 010
			Discharges to Outfall 009 Regulator

Copy this report as needed to include more CSO outfalls.

* 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**Title: **Dir. Of Operations and Maintenance**

License No.:

T0403

Date:

12/16/2016

Foley, Sue

From: depgreenporthelpdesk@state.pa.us
Sent: Friday, January 27, 2017 8:52 AM
To: DiSantis, Michael; DiSantis, Michael; Piro, Ian
Subject: Your eDMR Report Has Been Received For Permit No. PA0027103

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

Facility Name: DELCORA STP
Permit Number: PA0027103
Report Frequency: Monthly
Report Type: DMR
Reporting Period: 12/01/2016-12/31/2016
Report Due Date: 01/28/2017

Submitted By: Michael DiSantis
Submission Id: 41762
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.



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

January 22, 2016

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for December, 2016. We regret to report that there was one violation during the month for exceeding the maximum TRC limit of 1.0 mg/L with a result of 1.14 mg/L on 12/9/16. All other parameters were in compliance during the month.

Parameter averages for December, 2016 were: Flow – 26.5 MGD; cBOD₅ – 11 mg/l; TSS – 15 mg/L; cBOD₂₀ % removal – 96.07 %; and cBOD₂₀ loading – 5,311 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD:smf
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
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



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

NAME: DELCORA
ADDRESS: 100 EAST FIFTH STREET P.O. BOX 999, CHESTER PA, 19016-0999
FACILITY: DELCORA STP
LOCATION: 3201 W FRONT ST, CHESTER PA, 19013-2320
STAGE: Final Effluent

PA0027103
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 12/01/2016
DMR Effective To: 12/31/2016
Permit Expires: 04/30/2018
Permit Application Due: 11/01/2017
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM 2016	12	01	TO 2016	12	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	UNITS	VALUE	VALUE	UNITS	VALUE		
pH	Sample Measurement	***	***	7.01	***	7.33	S.U.	Grab	1/day
	Permit Measurement	***	***	6.0	***	9.0	IMAX	Grab	1/day
Total Suspended Solids	Sample Measurement	3447	lbs/day	***	15	16	mg/L	24-Hr Composite	1/day
	Permit Measurement	11000	lbs/day	***	30	45	Wkly Avg	24-Hr Composite	1/day
Oil and Grease	Sample Measurement	<1105	***	***	<5	<5	mg/L	Grab	1/day
	Permit Measurement	5500	***	***	15	30	IMAX	Grab	1/day
Ammonia-Nitrogen	Sample Measurement	***	***	***	21	***	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***	***	***	***	***	24-Hr Composite	2/month
Nitrite as N	Sample Measurement	***	***	***	<.4	<.5	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***	***	***	Monitor & Report Daily Max	***	24-Hr Composite	2/month
Nitrate as N	Sample Measurement	***	***	***	<.61	.71	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***	***	***	Monitor & Report Daily Max	***	24-Hr Composite	2/month
Total Kjeldahl Nitrogen	Sample Measurement	***	***	***	21.19	***	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***	***	***	***	***	24-Hr Composite	2/month
Cyanide, Total	Sample Measurement	***	***	***	.02	***	mg/L	Grab	1/month
	Permit Measurement	***	***	***	***	***	***	24-Hr Composite	1/month
Chlorodibromomethane	Sample Measurement	***	***	***	<.001	***	mg/L	Grab	1/month
	Permit Measurement	***	***	***	***	***	***	Grab	1/month
Cadmium, Total	Sample Measurement	***	***	***	<.001	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***	***	***	***	***	24-Hr Composite	1/month
Copper, Total	Sample Measurement	***	***	***	.0062	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***	***	***	***	***	24-Hr Composite	1/month
Lead, Total	Sample Measurement	***	***	***	<.003	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***	***	***	***	***	24-Hr Composite	1/month
Zinc, Total	Sample Measurement	***	***	***	.041	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***	***	***	***	***	24-Hr Composite	1/month
Dichlorobromomethane	Sample Measurement	***	***	***	.0014	***	mg/L	24-Hr Composite	1/month
	Permit Measurement	***	***	***	***	***	***	24-Hr Composite	1/month
Flow	Sample Measurement	26.5	MGD	***	***	***	***	Grab	1/month
	Permit Measurement	35.15	MGD	***	***	***	***	Grab	1/month
Total Residual Chlorine (TRC)	Sample Measurement	***	***	***	.4	1.14	mg/L	Metered	Continuous
	Permit Measurement	***	***	***	.5	1.0	IMAX	Metered	Continuous

[illegible]



**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
Process_WRTIP_12-2016.pdf	Laboratory Analytical Report	2017-01-26T14:04:29-05:00	
cBOD20_ALS_12-15-16.PDF	Laboratory Analytical Report	2017-01-26T14:00:17-05:00	
Hauled In Residual Wastes_DEC2016.xls	Hauled-In Residual Wastes Form	2017-01-26T14:06:35-05:00	
DMR Laboratory Accreditation-ALS-DEC 2016.doc	Laboratory Accreditation Form	2017-01-26T13:57:12-05:00	
DMR Laboratory Accreditation-WRTIP-DEC 2016.doc	Laboratory Accreditation Form	2017-01-26T13:57:29-05:00	
cBOD20_ALS_12-4-16.PDF	Laboratory Analytical Report	2017-01-26T13:58:35-05:00	
cBOD20_ALS_12-13-16.PDF	Laboratory Analytical Report	2017-01-26T13:58:55-05:00	
cBOD20_ALS_12-20-16.PDF	Laboratory Analytical Report	2017-01-26T14:00:55-05:00	
cBOD20_ALS_12-29-16.PDF	Laboratory Analytical Report	2017-01-26T14:01:35-05:00	
Influent_WRTIP_Dec2016.pdf	Laboratory Analytical Report	2017-01-26T14:02:54-05:00	
Nitrogen_ALS_Dec2016.PDF	Laboratory Analytical Report	2017-01-26T14:03:11-05:00	
cBOD20_ALS_12-11-16.PDF	Laboratory Analytical Report	2017-01-26T14:04:12-05:00	
cBOD20_ALS_12-18-16.PDF	Laboratory Analytical Report	2017-01-26T13:59:38-05:00	
cBOD20_ALS_12-29-16.PDF	Laboratory Analytical Report	2017-01-26T14:00:36-05:00	
Influent Monitoring DEC 2016.xlsx	Other	2017-01-26T14:01:54-05:00	
Effluent_ALS_Dec2016.PDF	Laboratory Analytical Report	2017-01-26T14:07:20-05:00	Influent Monitoring DEC 2016
Effluent_WRTIP_Dec2016.pdf	Laboratory Analytical Report	2017-01-26T14:02:16-05:00	
Influent and Process Control_NOV2016.xls	Influent and Process Control Form	2017-01-26T14:02:32-05:00	
Trucked Waste Dec 2016.xlsx	Other	2017-01-26T14:06:54-05:00	Trucked Waste Dec 2016
Sludge_WRTIP_12-2016.pdf	Laboratory Analytical Report	2017-01-26T14:07:55-05:00	
SWMM Report_12-2016.xlsx	Other	2017-01-26T14:05:34-05:00	CSO SWMM Report_12-2016
Hauled In Municipal Waste_DEC2016.xls	Hauled-In Municipal Waste Form	2017-01-26T14:08:17-05:00	
Effluent Monitoring DEC 2016.xlsx	Daily Effluent Monitoring Form	2017-01-26T14:05:54-05:00	
Sludge Production and Disposal_DEC 2016.xlsx	Sewage Sludge / Biosolids Production and Disposal Form	2017-01-26T14:07:37-05:00	
cBOD20_ALS_12-1-16.PDF	Laboratory Analytical Report	2017-01-26T13:58:11-05:00	
cBOD20_ALS_12-6-16.PDF	Laboratory Analytical Report	2017-01-26T13:58:54-05:00	
cBOD20_ALS_12-9-16.PDF	Laboratory Analytical Report	2017-01-26T13:59:14-05:00	
DMR Cover Letter DEC 2016.doc	Cover Letter	2017-01-27T08:50:39-05:00	

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
39665	12/01/2016	12/31/2016	Total Residual Chlorine (TRC)	Instantaneous Maximum	1.14	1		001	Operator error	See attached comments	Reinforce SOP for Chlorination and Dechlorination

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	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
39596	Final Effluent(001)	Cyanide, Total	Sample type not in accordance with permit	

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	TU403	6108765523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*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 48 P.S. section 4904 (relating to unsworn falsification to authorities).	Michael DiSantis	TELEPHONE		DATE		
			AREA CODE	NUMBER	2017	1	27
DISANTISM		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				16	12	01	TO 16 12 31
PARAMETER							
ANALYSIS METHOD							
LAB NAME							
LAB ID NUMBER²							
Copper, Total							
EPA 200.7							
ALS Environmental							
PA 22-293							
Lead, Total							
EPA 200.7							
ALS Environmental							
PA 22-293							
Zinc, Total							
EPA 200.7							
ALS Environmental							
PA 22-293							
Dichlorobromomethane							
EPA 624							
ALS Environmental							
PA 22-293							
BOD20/cBOD20							
SM5210 B							
ALS Environmental							
PA 22-293							
Chlorodibromomethane							
EPA 624							
ALS Environmental							
PA 22-293							
TKN-N							
EPA 351.2							
ALS Environmental							
PA 22-293							
Ammonia as N							
D6919-09							
ALS Environmental							
PA 22-293							
Nitrate as N							
EPA 300.0							
ALS Environmental							
PA 22-293							
Total Cyanide							
EPA 335.4							
ALS Environmental							
PA 22-293							
Total Cadmium							
200.7							
ALS Environmental							
PA 22-293							
Nitrite as N							
EPA 300.0							
ALS Environmental							
PA 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. DiSantisDate: 01/28/17

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>										
Address: <u>P.O. Box 999</u>										
<u>Chester, PA 19016</u>										
<u>19016</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0027103				16	12	01	TO	16	12	31
PARAMETER										
ANALYSIS METHOD										
LAB NAME										
LAB ID NUMBER²										
BOD5/cBOD5										
SM5210 B										
DELCORA - Central Laboratory										
23-00671										
TSS										
SM 2540 D										
DELCORA - Central Laboratory										
23-00671										
O&G										
EPA 1664 A										
DELCORA - Central Laboratory										
23-00671										
Total Residual Cl										
SM4500-Cl G										
DELCORA - Central Laboratory										
23-00671										
N-Nitrite										
SM4500-NO2 B										
DELCORA - Central Laboratory										
23-00671										
NH3-N										
EPA 350.1										
DELCORA - Central Laboratory										
23-00671										
TKN-N										
SM4500-N-org B/SM4500-NH3 C										
DELCORA - Central Laboratory										
23-00671										
Fecal Coliform										
SM 9222 D										
DELCORA - Central Laboratory										
23-00671										
BOD20/cBOD20										
SM5210 B										
DELCORA - Central Laboratory										
23-00671										
pH										
SM 4500 H+B										
DELCORA - Central Laboratory										
23-00671										
Ammonia as N										
EPA 350.1										
DELCORA - Central Laboratory										
23-00671										
TDS										
SM 2540 C										
DELCORA - Central Laboratory										
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: 610.876.5523

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

Michael J. DiSantis

Date: 01/28/2017

¹ 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.

² 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: **DELCORA STP**
Municipality: **City Of Chester**
Watershed: **3G**

Month: **December** Year: **2016**
 NPDES Permit No.: **PA0027103**
 Renewal application due **180 days** prior to expiration
 This permit will expire on: **April 30, 2018**

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

[illegible]**TOTAL:****TOTAL:****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	Cumberland County Landfill	Mostoller Landfill, INC	arks Community Landfill and Recy	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

* 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 DiSantis**

Prepared By: **Michael DiSantis**
 Title: **Dir. Of Operations and Maintenance**

License No.:

T0403
January 28, 2017



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: DELCORA WRTP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: December Year: 2016

NPDES Permit No.: PA0027103

Renewal application due 180 days prior to expiration.

This permit will expire on: April 30, 2018

Day	Influent				Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	33.49			342	95,523	2355.00	2.41	366848
2	26.86			652	146,056	2640.00	1.60	397861
3	25.11			172	36,020	2900.00	1.14	380288
4	24.62			206	42,298	3495.00	2.31	377265
5	25.98			452	97,936	4145.00	1.17	385423
6	33.11			540	149,114	4305.00	0.89	404798
7	33.32	223	61,969	294	81,699	4105.00	1.44	399129
8	26.52			508	112,358	4430.00	0.98	333189
9	24.19			618	124,678	5000.00	0.99	410886
10	24.51			226	46,197	4585.00	1.57	322947
11	23.38			154	30,028	4465.00	3.19	344453
12	31.80			206	54,634	3550.00	1.33	293365
13	26.15			398	86,800	3845.00	1.36	113100
14	24.95	367	76,366	368	76,575	4055.00	1.61	347700
15	24.96			624	129,896	3875.00	1.13	346866
16	24.43			500	101,873	4390.00	1.15	403580
17	35.95			346	103,739	4180.00	1.59	398512
18	29.34			176	43,066	4405.00	3.21	413265
19	26.66			430	95,608	4155.00	1.57	2141204
20	26.33			302	66,317	4230.00	1.10	315593
21	25.70	373	79,948	404	86,593	4040.00	1.11	433843
22	25.09			536	112,158	3815.00	0.99	406914
23	24.15			502	101,108	3735.00	2.00	400738
24	28.91			278	67,028	3790.00	5.01	367780
25	23.67			156	30,796	2715.00	6.59	179256
26	24.86			194	40,222	3095.00	7.10	337408
27	26.49			416	91,905	3005.00	4.10	281327
28	25.44	296	62,802	298	63,227	3415.00	1.45	391396
29	30.30			366	92,489	3345.00	1.73	361802
30	27.55			404	92,826	3535.00	1.27	388425
31	27.54			204	46,855	3270.00	3.22	377086
Avg	27.141	315	70,271	364	82,117	3,770	2	413,621
Max	35.95	373	79,948	652	149,114	5,000	7	2,141,204

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: Micheal DiSantis
Title: Dir. Of Operations and Maintenance

License No.: T0403
Date: 1/28/2017



SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

Facility Name: DELCORA STP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: December
NPDES Permit No.: PA0027103

Year: 2016

Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Day	SEPTAGE			SLUDGE			OTHER (specify):			Holding Tank			DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)
1	33300			Headworks	138496			Sludge Thickening	55150			Headworks	226,946	0
2	41450			Headworks	83543			Sludge Thickening	52775			Headworks	177,768	0
3	5650			Headworks	109300			Sludge Thickening	12250			Headworks	127,200	0
4				Headworks				Sludge Thickening				Headworks		
5	29710			Headworks	67218			Sludge Thickening	59800			Headworks	156,728	0
6	30700			Headworks	76864			Sludge Thickening	56800			Headworks	164,364	0
7	31015			Headworks	75461			Sludge Thickening	44100			Headworks	150,576	0
8	41400			Headworks	92404			Sludge Thickening	50900			Headworks	184,704	0
9	33500			Headworks	81480			Sludge Thickening	66750			Headworks	181,730	0
10	10800			Headworks	13000			Sludge Thickening	14000			Headworks	37,800	0
11				Headworks				Sludge Thickening				Headworks		
12	31950			Headworks	104364			Sludge Thickening	58350			Headworks	194,664	0
13	43850			Headworks	118449			Sludge Thickening	43360			Headworks	205,659	0
14	39150			Headworks	113232			Sludge Thickening	54500			Headworks	206,882	0
15	38060			Headworks	137945			Sludge Thickening	81300			Headworks	257,305	0
16	17900			Headworks	105288			Sludge Thickening	55350			Headworks	178,538	0
17	11000			Headworks	13450			Sludge Thickening	9000			Headworks	33,450	0
18				Headworks				Sludge Thickening				Headworks		
19	25600			Headworks	114707			Sludge Thickening	51100			Headworks	191,407	0
20	29350			Headworks	75002			Sludge Thickening	45800			Headworks	150,152	0
21	34700			Headworks	76721			Sludge Thickening	50450			Headworks	161,871	0
22	30910			Headworks	81082			Sludge Thickening	61350			Headworks	173,342	0
23	43000			Headworks	65140			Sludge Thickening	62380			Headworks	170,520	0
24				Headworks	12357			Sludge Thickening	32330			Headworks	44,687	0
25				Headworks				Sludge Thickening				Headworks		
26				Headworks				Sludge Thickening				Headworks		
27	10500			Headworks	115452			Sludge Thickening	36250			Headworks	162,202	0
28	21500			Headworks	95776			Sludge Thickening	41700			Headworks	158,976	0
29	35200			Headworks	106408			Sludge Thickening	41200			Headworks	182,808	0
30	34700			Headworks	102950			Sludge Thickening	40500			Headworks	178,150	0
31	3804			Headworks	13000			Sludge Thickening	10800			Headworks	27,604	0
Avg	28,348				84,196				45,702			Monthly Totals:	4,086,033	

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: Headworks
Title: Dir. Operations and Maintenance

License No.: T0403
Date: 1/28/2017



Facility Name: **DELCORA STP**
Municipality: **City of Chester**
Watershed: **3G**

County: Delaware

Year: 2016

NPDES Permit No.: PA0027103 A2
 Renewal application due 180 days prior to expiration.
 This permit will expire on: **April 30, 2018**

[illegible]

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 DiSantis**
Title: **Dir. Operations and Maintenance**

License No.: 1/28/2017
Date:

T0403



CSO SUPPLEMENTAL REPORT MONTHLY INSPECTION REPORT

Facility Name:
Municipality:
Watershed:

Delaware County Regional Water Quality Control Authority
City of Chester
3G

County: Delaware

Month: December Year: 2016
NPDES Permit No.: PA0027103
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

CSO Outfall No.	Outfall Location*	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tilghman	Yes	
009	2nd & Lloyd	Yes	
010	5th & Pusey	Yes	Total overflow from Outfalls 009 and 010
011	2nd & Parker	Yes	Discharges to Outfall 009 Regulator
012	2nd & Edgmont	No	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	Yes	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	No	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	Yes	
024	3rd & Dock	No	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	No	

Copy this report as needed to include more CSO outfalls.

* 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: 1/23/2017

Palmer, Marcia

From: depgreenporthelpdesk@state.pa.us
Sent: Monday, February 27, 2017 10:31 AM
To: DiSantis, Michael; DiSantis, Michael; Piro, Ian
Subject: Your eDMR Report Has Been Received For Permit No. PA0027103

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

Facility Name: DELCORA STP
Permit Number: PA0027103
Report Frequency: Monthly
Report Type: DMR
Reporting Period: 01/01/2017-01/31/2017
Report Due Date: 02/28/2017

Submitted By: Michael DiSantis
Submission Id: 45832
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.



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

February 27, 2017

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for January, 2017. There were no violations during the month.

Parameter averages for January, 2017 were: Flow – 31.1 MGD; cBOD₅ – 10 mg/l; TSS – 14 mg/L; cBOD₂₀ % removal – 96.68 %; and cBOD₂₀ loading – 7,689 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD:
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
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



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

NAME: DELCORA
ADDRESS: 100 EAST FIFTH STREET P.O. BOX 999, CHESTER PA, 19016-0999
FACILITY: DELCORA STP
LOCATION: 3201 W FRONT ST, CHESTER PA, 19013-2320
STAGE: Final Effluent

PA0027103	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 01/01/2017
DMR Effective To: 01/31/2017
Permit Expires: 04/30/2018
Permit Application Due: 11/01/2017
No Discharge? No

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

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	VALUE	UNITS	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	6.81	***	7.23	Grab	1/day
	Permit Measurement	***	***	6.0	***	9.0 IMAX	Grab	1/day
Total Suspended Solids	Sample Measurement	3693	lbs/day	***	14	16	24-Hr Composite	1/day
	Permit Measurement	11000 Avg Mo	lbs/day	***	30 Avg Mo	45 Wdy Avg	24-Hr Composite	1/day
Oil and Grease	Sample Measurement	<1287	lbs/day	***	<5	<5	Grab	1/day
	Permit Measurement	5500 Avg Mo	***	***	15 Avg Mo	30 IMAX	Grab	1/day
Ammonia-Nitrogen	Sample Measurement	***	***	***	11.88	***	24-Hr Composite	2/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	24-Hr Composite	2/month
Nitrite as N	Sample Measurement	***	***	***	.5	.5	24-Hr Composite	2/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	24-Hr Composite	2/month
Nitrate as N	Sample Measurement	***	***	***	1.65	2.66	24-Hr Composite	2/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	24-Hr Composite	2/month
Total Kjeldahl Nitrogen	Sample Measurement	***	***	***	13.66	***	24-Hr Composite	2/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	24-Hr Composite	2/month
Cyanide, Total	Sample Measurement	***	***	***	.032	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	24-Hr Composite	1/month
Chlorodibromomethane	Sample Measurement	***	***	***	.0013	***	Grab	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	Grab	1/month
Cadmium, Total	Sample Measurement	***	***	***	<.001	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	24-Hr Composite	1/month
Copper, Total	Sample Measurement	***	***	***	.0088	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	24-Hr Composite	1/month
Lead, Total	Sample Measurement	***	***	***	<.003	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	24-Hr Composite	1/month
Zinc, Total	Sample Measurement	***	***	***	.042	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	24-Hr Composite	1/month
Dichlorobromomethane	Sample Measurement	***	***	***	.002	***	Grab	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	Grab	1/month
Flow	Sample Measurement	31.1	MGD	***	***	***	Measured	Continuous
	Permit Measurement	Monitor & Report Avg Mo	***	***	***	***	Measured	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	***	.3	.5	Grab	1/day
	Permit Measurement	***	***	***	.5 Avg Mo	1.0 IMAX	Grab	1/day

[illegible]



**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
DMR Cover Letter JAN 2017.doc	Cover Letter	2017-02-27T10:29:56-05:00	
Daily Effluent Monitoring Form-01-2017.xlsx	Daily Effluent Monitoring Form	2017-02-24T15:13:54-05:00	
DMR Laboratory Accreditation-ALS-JAN 2017.doc	Laboratory Accreditation Form	2017-02-24T15:15:15-05:00	
DMR Laboratory Accreditation-WRT-01-2017.doc	Laboratory Accreditation Form	2017-02-24T15:15:33-05:00	
Hauled in Municipal Waste_01-2016.xls	Hauled-In Municipal Waste Form	2017-02-24T16:06:56-05:00	
Hauled in Residual Waste_01-2017.xls	Hauled-In Residual Waste Form	2017-02-24T16:07:17-05:00	
Influent and Process Control_01-2017.xls	Influent and Process Control Form	2017-02-24T15:14:34-05:00	
Sewage Sludge Biosolids Production and Disposal Form_01-2-17.xls	Sewage Sludge / Biosolids Production and Disposal Form	2017-02-24T15:14:53-05:00	
January 2017 SWMM Report.xlsx	CSO Detailed Outfall Report Form	2017-02-27T10:30:33-05:00	
Daily Influent Monitoring Form-01-2017.xlsx	Other	2017-02-24T15:14:15-05:00	Daily Influent Monitoring Form-01-2017
Trucked Waste_01-2017.xlsx	Other	2017-02-24T16:06:29-05:00	Trucked Waste_01-2017
c80D20_ALS_1-31-17.PDF	Laboratory Analytical Report	2017-02-24T15:21:57-05:00	
c80D20_ALS_1-29-17.PDF	Laboratory Analytical Report	2017-02-24T15:21:39-05:00	
c80D20_ALS_1-3-17.PDF	Laboratory Analytical Report	2017-02-24T15:18:06-05:00	
Sludge_WRTPLab_01-2017.pdf	Laboratory Analytical Report	2017-02-24T15:17:34-05:00	
Process_WRTPLab_01-2017.pdf	Laboratory Analytical Report	2017-02-24T15:17:03-05:00	
Effluent_WRTPLab_01-2017.pdf	Laboratory Analytical Report	2017-02-24T15:16:11-05:00	
c80D20_ALS_1-26-17.PDF	Laboratory Analytical Report	2017-02-24T15:21:19-05:00	
c80D20_ALS_1-24-17.PDF	Laboratory Analytical Report	2017-02-24T15:21:01-05:00	
c80D20_ALS_1-22-17.PDF	Laboratory Analytical Report	2017-02-24T15:20:42-05:00	
c80D20_ALS_1-19-17.PDF	Laboratory Analytical Report	2017-02-24T15:20:23-05:00	
c80D20_ALS_1-17-17.PDF	Laboratory Analytical Report	2017-02-24T15:19:38-05:00	
c80D20_ALS_1-15-17.PDF	Laboratory Analytical Report	2017-02-24T15:19:19-05:00	
c80D20_ALS_1-12-17.PDF	Laboratory Analytical Report	2017-02-24T15:18:43-05:00	
c80D20_ALS_1-8-17.PDF	Laboratory Analytical Report	2017-02-24T15:19:01-05:00	
c80D20_ALS_1-10-17.PDF	Laboratory Analytical Report	2017-02-24T15:18:25-05:00	
c80D20_ALS_1-5-17.PDF	Laboratory Analytical Report	2017-02-24T15:16:32-05:00	
Influent_WRTPLab_01-2017.pdf	Laboratory Analytical Report	2017-02-24T15:15:54-05:00	
Effluent_ALS_01-12-2017.PDF	Laboratory Analytical Report		

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	DEF 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. D'Santis	TD403	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	
					SUBMITTED BY FULL NAME		AREA CODE	NUMBER	2017	2
	DISANTISM						AREA CODE	NUMBER	YEAR	MO DAY



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	01	01	TO 17 01 31
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
Copper, Total	EPA 200.7	ALS Environmental		PA 22-293			
Lead, Total	EPA 200.7	ALS Environmental		PA 22-293			
Zinc, Total	EPA 200.7	ALS Environmental		PA 22-293			
Dichlorobromomethane	EPA 624	ALS Environmental		PA 22-293			
BOD20/cBOD20	SM5210 B	ALS Environmental		PA 22-293			
Chlorodibromomethane	EPA 624	ALS Environmental		PA 22-293			
TKN-N	EPA 351.2	ALS Environmental		PA 22-293			
Ammonia as N	D6919-09	ALS Environmental		PA 22-293			
Nitrate as N	EPA 300.0	ALS Environmental		PA 22-293			
Total Cyanide	EPA 335.4	ALS Environmental		PA 22-293			
Total Cadmium	200.7	ALS Environmental		PA 22-293			
Nitrite as N	EPA 300.0	ALS Environmental		PA 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

Date: 02/28/17

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>										
Address: <u>P.O. Box 999</u>										
<u>Chester, PA 19016</u>										
<u>19016</u>										
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day						
PA0027103				17	01	01	TO	17	01	31
PARAMETER	ANALYSIS METHOD	LAB NAME				LAB ID NUMBER²				
BOD5/cBOD5	SM5210 B	DELCORA - Central Laboratory				23-00671				
TSS	SM 2540 D	DELCORA - Central Laboratory				23-00671				
O&G	EPA 1664 A	DELCORA - Central Laboratory				23-00671				
Total Residual Cl	SM4500-Cl G	DELCORA - Central Laboratory				23-00671				
N-Nitrite	SM4500-NO2 B	DELCORA - Central Laboratory				23-00671				
NH3-N	EPA 350.1	DELCORA - Central Laboratory				23-00671				
TKN-N	SM4500-N-org B/SM4500-NH3 C	DELCORA - Central Laboratory				23-00671				
Fecal Coliform	SM 9222 D	DELCORA - Central Laboratory				23-00671				
BOD20/cBOD20	SM5210 B	DELCORA - Central Laboratory				23-00671				
pH	SM 4500 H+B	DELCORA - Central Laboratory				23-00671				
Ammonia as N	EPA 350.1	DELCORA - Central Laboratory				23-00671				
TDS	SM 2540 C	DELCORA - Central Laboratory				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: 610.876.5523
**Signature of Principal Executive Officer or
Authorized Agent**
Michael J. DiSantis
Date: 02/28/2017

¹ 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.

² 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: **DELCORA STP**
Municipality: **City Of Chester**
Watershed: **3G**

County: Delaware

Month: January Year: 2017
 NPDES Permit No.: PA0027103
 Renewal application due 180 days prior to expiration
 This permit will expire on: April 30, 2018

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

[illegible]

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	Cumberland County Landfill	Mostoller Landfill, INC	Wks Community Landfill and Recycling	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

* 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 DiSantis**
 Title: **Dir. Of Operations and Maintenance**

License No.: **T0403**
Date: **February 28, 2017**



Facility Name: DELCORA WRTP
Municipality: City of Chester
Watershed: 3G

SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

3800-FM-BFNPMSM0436 3/2012

Month: January Year: 2017
NPDES Permit No.: PA0027103
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Day	Influent				Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	25.23			172	36,192	3575.00	5.53	339252
2	32.51			148	40,128	2440.00	5.52	370658
3	40.67			316	107,183	2505.00	4.27	342422
4	37.11	223	69,018	200	61,899	2465.00	3.50	343869
5	29.98			150	37,505	2765.00	3.12	311292
6	30.24			388	97,854	2640.00	3.21	196930
7	28.72			242	57,965	2995.00	3.42	300365
8	28.17			176	41,349	2855.00	4.53	169455
9	28.26	361	85,084	338	79,663	2635.00	2.91	281100
10	28.47			448	106,373	2800.00	1.84	249052
11	34.91	258	75,117	416	121,118	2880.00	2.02	225302
12	36.01			526	157,970	2780.00	1.78	1650640
13	30.83			354	91,021	3110.00	1.55	340686
14	28.46			208	49,370	3010.00	1.52	334195
15	28.88			172	41,428	2910.00	2.22	382209
16	29.30	267	65,245	272	66,466	2855.00	1.35	343997
17	29.47			366	89,955	4515.00	1.08	231246
18	34.96	291	84,846	380	110,795	3645.00	1.50	350081
19	29.87			430	107,120	3155.00	1.30	362108
20	32.79			364	99,543	2760.00	1.33	318595
21	29.57			198	48,830	3100.00	1.38	356491
22	31.44			172	45,100	3185.00	1.64	404724
23	43.63	256	93,152	714	259,806	3010.00	1.93	228473
24	41.79			148	51,582	3230.00	2.02	432752
25	36.67			274	83,797	3350.00	0.94	424214
26	33.21	246	68,135	326	90,293	3800.00	1.08	407283
27	31.06			222	57,507	3475.00	1.10	438279
28	29.00			266	64,335	4930.00	1.24	431472
29	28.70			150	35,904	3585.00	1.86	376554
30	28.68	402	96,155	376	89,936	3150.00	1.15	361636
31	28.40			528	125,060	3280.00	1.18	405642
Avg	31.838	288	79,594	305	82,356	3,142	2	377,773
Max	43.63	402	96,155	714	259,806	4,930	6	1,550,640

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 DiSantis
Title: Dir. Of Operations and Maintenance

License No.: T0403
Date: 2/28/2017



SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

Facility Name: DELCORA STP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: January
NPDES Permit No.: PA0027103

Year: 2017

Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Day	SEPTAGE			SLUDGE			OTHER (specify):				Package Plant		DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)	BOD ₅ (lbs)
1				Headworks							Headworks			
2				Headworks							Headworks			
3				Headworks				16200			Headworks	162,200	0	0
4				Headworks				115567			Headworks	115,567	0	0
5				Headworks				126700			Headworks	126,700	0	0
6				Headworks				91535			Headworks	91,535	0	0
7				Headworks				13000			Headworks	13,000	0	0
8				Headworks							Headworks			
9				Headworks				63000			Headworks	63,000	0	0
10				Headworks				101600			Headworks	101,600	0	0
11				Headworks				145582			Headworks	146,582	0	0
12				Headworks				168124			Headworks	168,124	0	0
13				Headworks				131200			Headworks	131,200	0	0
14				Headworks				7000			Headworks	7,000	0	0
15				Headworks							Headworks			
16				Headworks				67994			Headworks	67,994	0	0
17				Headworks				196050			Headworks	196,050	0	0
18				Headworks				164800			Headworks	164,800	0	0
19				Headworks				207600			Headworks	207,600	0	0
20				Headworks				160600			Headworks	160,600	0	0
21				Headworks				3500			Headworks	3,500	0	0
22				Headworks							Headworks			
23				Headworks				128000			Headworks	128,000	0	0
24				Headworks				131200			Headworks	131,200	0	0
25				Headworks				221600			Headworks	221,600	0	0
26				Headworks				150509			Headworks	150,509	0	0
27				Headworks				141000			Headworks	141,000	0	0
28				Headworks				28000			Headworks	28,000	0	0
29				Headworks							Headworks			
30				Headworks				131620			Headworks	131,620	0	0
31				Headworks				96050			Headworks	96,050	0	0
Avg								118,201			Monthly Totals:	2,955,031		

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

License No.: T0403
Date: 2/28/2017



SUPPLEMENTAL REPORT - HAULED IN RESIDUAL WASTES

Facility Name: **DELCORA STP**
Municipality: **City of Chester**
Watershed: **3G**

County: Delaware

Month: January
NPDES Permit No.: PA0027103 A3
Renewal application due 180 days prior to
This permit will expire on: April 30, 2013

Year: 2017

[illegible]

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 DiSantis**
Title: **Dir. Operations and Maintenance**

License No.: **T0403**
Date: **2/28/2017**



**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: DELCORA STP Month: 1 (select number) Year: 2017
Municipality: City of Chester Permit No.: PJ0027103 Outfall: 001
Watershed: 3-6 County: Delaware
Laboratories: DELCORA; ALS Environmental This permit will expire on: April 30, 2018

Parameter	Flow	TSS		BOD5		CBOD5													
		gals	ft ³	mg/L	ft ³	mg/L	ft ³	ft ³	ft ³	ft ³	ft ³	ft ³	ft ³	ft ³	ft ³	ft ³	ft ³	ft ³	ft ³
1	Run	1717	26.22	172															
	Mon	12077	53.81	148															
	Tue	12017	40.87	516															
	Wed	14117	37.11	203															
	Thu	15117	26.68	160															
	Fri	16117	30.34	598															
	Sat	17117	28.73	342															
	Sun	18117	26.17	170															
	Mon	19117	28.86	532															
	Tue	20117	28.47	448															
	Wed	21117	34.31	418															
	Thu	22117	38.01	535															
	Fri	23117	30.53	354															
	Sat	24117	28.46	205															
	Sun	25117	26.68	172															
	Mon	26117	29.30	272															
	Tue	27117	26.47	366															
	Wed	28117	34.95	380															
	Thu	29117	32.78	430															
	Fri	30117	29.57	354															
	Sat	31117	28.57	188															
	Sun	32117	31.44	172															
	Mon	33117	43.65	714															
	Tue	34117	41.79	165															
	Wed	35117	35.07	274															
	Thu	36117	31.21	535															
	Fri	37117	31.05	222															
	Sat	38117	28.70	135															
	Sun	39117	28.68	370															
	Mon	40117	22.40	505															
	Tue	41117	22.40	505															
Daily Minimum (Conc.)				148															
Daily Maximum (Conc.)				714															
Max Avg Weekly (Conc.)				342															
Avg Monthly (Conc.)				186															
Geometric Mean (Conc.)																			
Max Avg Weekly Load		31.38		6350															
Avg Monthly Load		31.08		6336															
Total Monthly Load		888.96		233347															
Daily Minimum Load		21.83		3884															
Daily Maximum Load		43.65		2208															

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 review and the information gathered, I am aware that this information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (See 18 Pa.C.S. § 4904 (relating to untruthful information)).

Prepared By: Michael DiSantis License No.: T0403
Title: Dir. Of Operations and Maintenance Date: 1/28/2017



CSO SUPPLEMENTAL REPORT DETAILED OUTFALL REPORT

Facility Name:
Municipality:
Watershed:

Delaware County Regional Water Quality Control Authority
City of Chester
3G

County: Delaware

Month: January Year: 2016
NPDES Permit No.: PA0027103 Outfall: 017
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Day	Identification*	Discharge Volume*	Duration (hrs)	Cause*	Precipitation (in)	Comments
1		0.0	0.0		0.0	
2		0.389	14.0	Wet Weather Event	0.39	
3		0.438	10.4	Wet Weather Event	0.36	
4		0.003	2.8	Wet Weather Event	0.02	
5		0.0	0.0		0.0	
6		0.0	0.0		0.0	
7		0.0	0.0		0.0	
8		0.0	0.0		0.0	
9		0.0	0.0		0.0	
10		0.0	0.0		0.0	
11		0.49	9.2	Wet Weather Event	0.42	
12		0.063	5.0	Wet Weather Event	0.06	
13		0.0	0.0		0.0	
14		0.007	3.8	Wet Weather Event	0.03	
15		0.0	0.0		0.0	
16		0.0	0.0		0.0	
17		0.082	8.4	Wet Weather Event	0.15	
18		0.124	8.0	Wet Weather Event	0.09	
19		0.0	0.0		0.0	
20		0.208	7.7	Wet Weather Event	0.19	
21		0.0	0.0		0.0	
22		0.092	7.2	Wet Weather Event	0.11	
23		0.005	4.1	Wet Weather Event	0.03	
24		0.0	1.1	Wet Weather Event	0.01	
25		0.0	0.0		0.0	
26		0.007	3.8	Wet Weather Event	0.03	
27		0.0	0.0		0.0	
28		0.0	0.0		0.0	
29		0.0	0.0		0.0	
30		0.0	0.0		0.0	
31		0.0	0.0		0.0	

* See Instructions for explanation.

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

License No.: T0403
Date: 2/17/2015



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

CSO SUPPLEMENTAL REPORT
MONTHLY INSPECTION REPORT

Facility Name: Delaware County Regional Water Quality Control Authority
 Municipality: City of Chester
 Watershed: 3G

County: Delaware

Month: January Year: 2016
 NPDES Permit No.: PA0027103
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

CSO Outfall No.	Outfall Location*	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tighman	Yes	
009	2nd & Lloyd	Yes	
010	5th & Pusey	Yes	
011	2nd & Parker	Yes	
012	2nd & Edgmont	No	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	Yes	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	No	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	Yes	
024	3rd & Dock	No	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	No	
			Total overflow from Outfalls 009 and 010 Discharges to Outfall 009 Regulator

Copy this report as needed to include more CSO outfalls.

* 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
 Title: Dir. Of Operations and Maintenance

License No.: T0403
 Date: 2/17/2015

Palmer, Marcia

From: depgreenporthelpdesk@state.pa.us
Sent: Monday, March 27, 2017 9:17 AM
To: DiSantis, Michael; DiSantis, Michael; Piro, Ian
Subject: Your eDMR Report Has Been Received For Permit No. PA0027103

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

Facility Name: DELCORA STP
Permit Number: PA0027103
Report Frequency: Monthly
Report Type: DMR
Reporting Period: 02/01/2017-02/28/2017
Report Due Date: 03/28/2017

Submitted By: Michael DiSantis
Submission Id: 49175
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.



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

March 27, 2017

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for February, 2017. There were no violations during the month.

Parameter averages for February, 2017 were: Flow – 29.17 MGD; cBOD₅ – 9 mg/l; TSS – 13 mg/L; cBOD₂₀ % removal – 96.38 %; and cBOD₂₀ loading – 6,261 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD:map
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
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



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

NAME: DELCORA
ADDRESS: 100 EAST FIFTH STREET P.O.BOX 999, CHESTER PA,
19016-0899
FACILITY: DELCORA STP
LOCATION: 3201 W FRONT ST, CHESTER PA, 19013-2320
STAGE: Final Effluent

PA0027103	
PERMIT NUMBER	

001	
OUTFALL NUMBER	

Reporting Frequency: Monthly
DMR Effective From: 02/01/2017
DMR Effective To: 02/28/2017
Permit Expires: 04/30/2018
Permit Application Due: 11/01/2017
No Discharge? No

MONITORING PERIOD						
FROM	YEAR	MO	DAY	TO	YEAR	MO DAY
	2017	02	01		2017	02
						28

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS	UNITS		
pH	Sample Measurement			6.6		7.05	Grab	1/day
	Permit Measurement			6.0	Inst Min	8.0	Grab	1/day
Total Suspended Solids	Sample Measurement	3222	3707			15	24-Hr Composite	1/day
	Permit Measurement	11000	16500			45	24-Hr Composite	1/day
Oil and Grease	Sample Measurement	1216				Wtdy Avg		
	Permit Measurement	5500				<5	Grab	1/day
Ammonia-Nitrogen	Sample Measurement					30	Grab	1/day
	Permit Measurement					IMAX	Grab	1/day
Nitrite as N	Sample Measurement						24-Hr Composite	2/month
	Permit Measurement						24-Hr Composite	2/month
Nitrate as N	Sample Measurement					.76	24-Hr Composite	2/month
	Permit Measurement					Monitor & Report Daily Max	24-Hr Composite	2/month
Total Kjeldahl Nitrogen	Sample Measurement					4.79	24-Hr Composite	2/month
	Permit Measurement					Monitor & Report Daily Max	24-Hr Composite	2/month
Cyanide, Total	Sample Measurement					12	24-Hr Composite	2/month
	Permit Measurement					Monitor & Report Avg Mo	24-Hr Composite	2/month
Chlorodibromomethane	Sample Measurement					.01	24-Hr Composite	1/month
	Permit Measurement					Monitor & Report Avg Mo	24-Hr Composite	1/month
Cadmium, Total	Sample Measurement					.002	Grab	1/month
	Permit Measurement					Monitor & Report Avg Mo	Grab	1/month
Copper, Total	Sample Measurement					<.001	24-Hr Composite	1/month
	Permit Measurement					Monitor & Report Avg Mo	24-Hr Composite	1/month
Lead, Total	Sample Measurement					.0083	24-Hr Composite	1/month
	Permit Measurement					Monitor & Report Avg Mo	24-Hr Composite	1/month
Zinc, Total	Sample Measurement					<.003	24-Hr Composite	1/month
	Permit Measurement					Monitor & Report Avg Mo	24-Hr Composite	1/month
Dichlorobromomethane	Sample Measurement					.051	24-Hr Composite	1/month
	Permit Measurement					Monitor & Report Avg Mo	24-Hr Composite	1/month
Flow	Sample Measurement	29.17	37.39			.0024	Grab	1/month
	Permit Measurement					Monitor & Report Avg Mo	Grab	1/month
Total Residual Chlorine (TRC)	Sample Measurement						Metered	Continuous
	Permit Measurement						Metered	Continuous

[illegible]

File Name	Attachment Type	Uploaded Time	Attachment Comment
cBOD20_ALS-2-16-17.PDF	Laboratory Analytical Report	2017-03-27T08:40:32-04:00	
cBOD20_ALS-2-2-17.PDF	Laboratory Analytical Report	2017-03-27T08:38:26-04:00	
cBOD20_ALS-2-5-17.PDF	Laboratory Analytical Report	2017-03-27T08:38:45-04:00	
cBOD20_ALS-2-9-17.PDF	Laboratory Analytical Report	2017-03-27T08:39:26-04:00	
cBOD20_ALS-2-19-17.PDF	Laboratory Analytical Report	2017-03-27T08:40:50-04:00	
cBOD20_ALS-2-21-17.PDF	Laboratory Analytical Report	2017-03-27T08:41:08-04:00	
cBOD20_ALS-2-28-17.PDF	Laboratory Analytical Report	2017-03-27T08:41:58-04:00	
Effluent_ALS_02-07-2017.PDF	Laboratory Analytical Report	2017-03-27T08:42:21-04:00	
Effluent_W RTP_02-17.pdf	Laboratory Analytical Report	2017-03-27T08:42:37-04:00	
Sewage Sludge Biosolids Production and Disposal Form_02-2017.xls	Laboratory Analytical Report Sewage Sludge / Biosolids Production and Disposal Form	2017-03-27T08:48:21-04:00	
February 2017 SWMM Report.xlsx	CSO Detailed Outfall Report Form	2017-03-27T08:49:06-04:00	
cBOD20_ALS-2-7-17.PDF	Laboratory Analytical Report	2017-03-27T08:39:01-04:00	
cBOD20_ALS-2-12-17.PDF	Laboratory Analytical Report	2017-03-27T08:39:54-04:00	
DMR Cover Letter FEB 2017.doc	Cover Letter	2017-03-27T08:15:01-04:00	
Daily Effluent Monitoring Form-02-2017.xlsx	Daily Effluent Monitoring Form	2017-03-27T08:37:21-04:00	
cBOD20_ALS-2-14-17.PDF	Laboratory Analytical Report	2017-03-27T08:40:12-04:00	
Hauled in Municipal Waste_02-2017.xls	Hauled-In Municipal Waste Form	2017-03-27T08:46:24-04:00	
DMR Laboratory Accreditation-W RTP-02-2017.doc	Laboratory Accreditation Form	2017-03-27T08:48:00-04:00	
Trucked Waste_02-2017.xlsx	Other	2017-03-27T08:49:30-04:00	Trucked Waste_02-2017
February 2017 SWMM Report.xlsx	CSO Detailed Outfall Report Form	2017-03-27T08:16:07-04:00	
cBOD20_ALS-2-23-17.PDF	Laboratory Analytical Report	2017-03-27T08:41:27-04:00	
cBOD20_ALS-2-28-17.PDF	Laboratory Analytical Report	2017-03-27T08:41:43-04:00	
Influent_W RTP_02-17.pdf	Laboratory Analytical Report	2017-03-27T08:42:56-04:00	
Daily Influent Monitoring Form-02-2017.xlsx	Laboratory Analytical Report	2017-03-27T08:45:59-04:00	Daily Influent Monitoring
Hauled in Residual Wastes_02-2017.xls	Hauled-In Residual Waste Form	2017-03-27T08:46:42-04:00	
Influent and Process Control_02-2017.xls	Influent and Process Control Form	2017-03-27T08:47:06-04:00	
Process Control_W RTP_02-2017.pdf	Laboratory Analytical Report	2017-03-27T08:47:25-04:00	
DMR Laboratory Accreditation-ALS-02-2017.doc	Laboratory Accreditation Form	2017-03-27T08:47:42-04:00	
Sludge_W RTP_02-2017.pdf	Sewage Sludge / Biosolids Production and Disposal Form	2017-03-27T08:48:38-04:00	

[illegible][illegible]

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

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

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act of 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 that the system of law that this document and all attachments were prepared under your direction or supervision in accordance with a policy 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).				DATE	
	Michael DiSantis				TELEPHONE	
					AREA CODE NUMBER	
DISANTISM	SUBMITTED BY FULL NAME				AREA CODE NUMBER	
					YEAR MO DAY	



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	02	01	TO 17 02 28
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
Copper, Total	EPA 200.7	ALS Environmental		PA 22-293			
Lead, Total	EPA 200.7	ALS Environmental		PA 22-293			
Zinc, Total	EPA 200.7	ALS Environmental		PA 22-293			
Dichlorobromomethane	EPA 624	ALS Environmental		PA 22-293			
BOD20/cBOD20	SM5210 B	ALS Environmental		PA 22-293			
Chlorodibromomethane	EPA 624	ALS Environmental		PA 22-293			
TKN-N	EPA 351.2	ALS Environmental		PA 22-293			
Ammonia as N	D6919-09	ALS Environmental		PA 22-293			
Nitrate as N	EPA 300.0	ALS Environmental		PA 22-293			
Total Cyanide	EPA 335.4	ALS Environmental		PA 22-293			
Total Cadmium	200.7	ALS Environmental		PA 22-293			
Nitrite as N	EPA 300.0	ALS Environmental		PA 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

Date: 03/28/17

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	02	01	TO 17 02 28
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
BOD5/cBOD5	SM5210 B	DELCORA - Central Laboratory		23-00671			
TSS	SM 2540 D	DELCORA - Central Laboratory		23-00671			
O&G	EPA 1664 A	DELCORA - Central Laboratory		23-00671			
Total Residual Cl	SM4500-Cl G	DELCORA - Central Laboratory		23-00671			
N-Nitrite	SM4500-NO2 B	DELCORA - Central Laboratory		23-00671			
NH3-N	EPA 350.1	DELCORA - Central Laboratory		23-00671			
TKN-N	SM4500-N-org B/SM4500-NH3 C	DELCORA - Central Laboratory		23-00671			
Fecal Coliform	SM 9222 D	DELCORA - Central Laboratory		23-00671			
BOD20/cBOD20	SM5210 B	DELCORA - Central Laboratory		23-00671			
pH	SM 4500 H+B	DELCORA - Central Laboratory		23-00671			
Ammonia as N	EPA 350.1	DELCORA - Central Laboratory		23-00671			
TDS	SM 2540 C	DELCORA - Central Laboratory		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: 610.876.5523

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

Michael J. DiSantis

Date: 03/28/2017

¹ 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.

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

SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL SUPPLEMENTAL REPORT

Facility Name: DELCORA STP
Municipality: City Of Chester
Watershed: 3G

County: Delaware

Month: **February** Year: **2017**
 NPDES Permit No.: **PA0027103**
 Renewal application due **180 days** prior to expiration
 This permit will expire on: **April 30, 2018**

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[illegible]

TOTAL:

TOTAL:**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	Cumberland County Landfill	Mostoller Landfill, INC	arks Community Landfill and Recycling	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

* 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 DiSantis**
Title: **Dir. Of Operations and Maintenance**

License No.: **T0403**
Date: **March 28, 2017**



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

3800-FM-BPNPSM0436 3/2012

Facility Name: DELCORA W RTP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: February Year: 2017
NPDES Permit No.: PA0027103
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Day	Influent				Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	29.00	453	109,553	342	82,716	2955.00	1.13	450570
2	28.89			388	93,486	3480.00	0.97	435566
3	28.52			304	72,308	3595.00	1.00	410409
4	28.60			194	46,274	3370.00	0.99	415399
5	28.45			160	37,964	3315.00	1.17	387104
6	27.55	334	76,742	344	79,040	3030.00	0.96	458701
7	28.02			460	107,496	3425.00	0.83	453326
8	28.17	268	62,963	318	74,710	1930.00	0.80	453457
9	38.02			130	41,221	2810.00	0.96	449055
10	28.72			202	48,384	3505.00	1.20	380148
11	28.44			255	60,483	3460.00	1.07	445697
12	32.08			170	45,483	3460.00	1.28	447270
13	30.34	328	82,996	270	68,320	2905.00	1.26	395720
14	28.48			390	92,634	2890.00	1.33	505362
15	29.22	570	138,906	518	126,234	2835.00	1.39	420615
16	29.09			360	87,340	2900.00	1.34	283521
17	29.85			366	91,115	3150.00	1.39	325702
18	29.42			250	61,341	2915.00	1.32	394863
19	29.02			194	46,953	2895.00	1.79	314733
20	29.03	264	63,917	326	78,928	3050.00	1.50	260052
21	29.47			314	77,175	3230.00	1.27	297255
22	29.31	380	92,889	674	164,756	2555.00	1.44	353197
23	30.40			508	128,796	3120.00	1.35	372399
24	30.02			308	77,113	3210.00	1.29	370597
25	34.71			286	82,792	3650.00	1.39	327317
26	31.95			218	58,089	3355.00	2.06	403285
27	29.62	269	66,451	304	75,097	2965.00	1.42	346964
28	29.87			516	128,544	3295.00	1.37	420341
29								
30								
31								
Avg	29.795	358	86,803	324	79,814	3,116	1	392,094
Max	38.02	570	138,906	674	164,756	3,650	2	505,362

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: Micheal DiSantis
Title: Dir. Of Operations and Maintenance

License No.: T0403
Date: 3/28/2017



SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

3800-FM-BPNPMSM0437 3/2012

Facility Name: DELCORA STP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: February Year: 2017

NPDES Permit No.: PA0027103

Renewal application due 180 days prior to expiration.

This permit will expire on: April 30, 2018

Day	SEPTAGE			SLUDGE			OTHER (specify):			PACKAGE PLANT			DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)
1	48820			Headworks	113584			Sludge Thickening	137400			Headworks	299,804	0
2	47165			Headworks	154724			Sludge Thickening	145950			Headworks	347,839	0
3	47700			Headworks	94647			Sludge Thickening	94200			Headworks	236,547	0
4	2500			Headworks	96500			Sludge Thickening	17500			Headworks	116,500	0
5				Headworks								Headworks		
6	32600			Headworks	85507			Sludge Thickening	78800			Headworks	196,907	0
7	27655			Headworks	112020			Sludge Thickening	185600			Headworks	325,275	0
8	27600			Headworks	80500			Sludge Thickening	60235			Headworks	168,335	0
9	42600			Headworks	142346			Sludge Thickening	87321			Headworks	272,267	0
10	16700			Headworks	112360			Sludge Thickening	112500			Headworks	241,560	0
11	18500			Headworks				Sludge Thickening				Headworks	18,500	0
12				Headworks				Sludge Thickening				Headworks		
13	30300			Headworks	107529			Sludge Thickening	98648			Headworks	236,477	0
14	24650			Headworks	118865			Sludge Thickening	94500			Headworks	238,015	0
15	48350			Headworks	92404			Sludge Thickening	169120			Headworks	309,874	0
16	26000			Headworks	91698			Sludge Thickening	151400			Headworks	269,098	0
17	29100			Headworks	109215			Sludge Thickening	138300			Headworks	276,615	0
18	8200			Headworks	19500			Sludge Thickening				Headworks	27,700	0
19				Headworks				Sludge Thickening				Headworks		
20	45100			Headworks	67653			Sludge Thickening	78900			Headworks	191,653	0
21	35950			Headworks	121227			Sludge Thickening	132301			Headworks	289,478	0
22	45950			Headworks	85607			Sludge Thickening	117600			Headworks	249,157	0
23	25200			Headworks	109068			Sludge Thickening	137138			Headworks	271,406	0
24	41181			Headworks	99558			Sludge Thickening	89000			Headworks	229,739	0
25	2500			Headworks				Sludge Thickening				Headworks	2,500	0
26				Headworks				Sludge Thickening				Headworks		
27	31100			Headworks	89753			Sludge Thickening	106450			Headworks	227,303	0
28	18200			Headworks	122665			Sludge Thickening	129500			Headworks	270,365	0
29				Headworks				Sludge Thickening				Headworks		
30				Headworks				Sludge Thickening				Headworks		
31				Headworks				Sludge Thickening				Headworks		
Avg	30,151				101,224				112,493			Monthly Totals:	5,312,914	

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 DiSantis
Title: Dir. Operations and Maintenance

License No.: T0403
Date: 3/28/2017

SUPPLEMENTAL REPORT - HAULED IN RESIDUAL WASTES

Facility Name: **DELCORA STP**
 Municipality: **City of Chester**
 Watershed: **3G**

Month: **February**
NPDES Permit No.: **PA0027103 A3**
Renewal application due **180 days** prior to
This permit will expire on: **April 30, 2018**

Year: 2017

[illegible]

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Prepared By: **Michael DiSantis**
Title: **Dir. Operations and Maintenance**

License No.: T0403
Date: 3/28/2017

SUPPLEMENTAL REPORT DAILY EFFLUENT MONITORING

Facility Name: DELCORA STP
Municipality: City of Chester
Watershed: 1-G
Laboratories: DELCORA; ALS

County: Delaware

Environmental

Month: 2 (select number) Year: 2017
 Permit No.: PA0027103 Outfall: 001
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

[illegible]

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 true, accurate and complete. I am aware that there is a significant penalty for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U.S.C. § 4904 (relating to unsworn affidavits).

Prepared By: Micheal DiSantis
Title: Dir. Of Operations

License No. T0403
Date: 3/28/2017

SUPPLEMENTAL REPORT **DAILY EFFLUENT MONITORING**

3000-PH-00000000-0001

Facility Name: DELCORA STP
 Municipality: City of Chester
 Watershed: 3.6
 Laboratories: DELCORA; ALS Environmental

Month: 2 (select number)
 Permit No.: PA0027103
 Renewal application due 180 days prior to expiration
 This permit will expire on: April 30, 2018

Year: 2017
 Outfall: 001

Flow	TSS	BOD5	Flow	TSS	BOD5
1	2	3	4	5	6
1	Sum	1,000.00	1,000.00	1,000.00	1,000.00
2	Mon	1,000.00	1,000.00	1,000.00	1,000.00
3	Tue	1,000.00	1,000.00	1,000.00	1,000.00
4	Wed	1,000.00	1,000.00	1,000.00	1,000.00
5	Thu	1,000.00	1,000.00	1,000.00	1,000.00
6	Fri	1,000.00	1,000.00	1,000.00	1,000.00
7	Sat	1,000.00	1,000.00	1,000.00	1,000.00
8	Sun	1,000.00	1,000.00	1,000.00	1,000.00
9	Mon	1,000.00	1,000.00	1,000.00	1,000.00
10	Tue	1,000.00	1,000.00	1,000.00	1,000.00
11	Wed	1,000.00	1,000.00	1,000.00	1,000.00
12	Thu	1,000.00	1,000.00	1,000.00	1,000.00
13	Fri	1,000.00	1,000.00	1,000.00	1,000.00
14	Sat	1,000.00	1,000.00	1,000.00	1,000.00
15	Sun	1,000.00	1,000.00	1,000.00	1,000.00
16	Mon	1,000.00	1,000.00	1,000.00	1,000.00
17	Tue	1,000.00	1,000.00	1,000.00	1,000.00
18	Wed	1,000.00	1,000.00	1,000.00	1,000.00
19	Thu	1,000.00	1,000.00	1,000.00	1,000.00
20	Fri	1,000.00	1,000.00	1,000.00	1,000.00
21	Sat	1,000.00	1,000.00	1,000.00	1,000.00
22	Sun	1,000.00	1,000.00	1,000.00	1,000.00
23	Mon	1,000.00	1,000.00	1,000.00	1,000.00
24	Tue	1,000.00	1,000.00	1,000.00	1,000.00
25	Wed	1,000.00	1,000.00	1,000.00	1,000.00
26	Thu	1,000.00	1,000.00	1,000.00	1,000.00
27	Fri	1,000.00	1,000.00	1,000.00	1,000.00
28	Sat	1,000.00	1,000.00	1,000.00	1,000.00
29	Sun	1,000.00	1,000.00	1,000.00	1,000.00
30	Mon	1,000.00	1,000.00	1,000.00	1,000.00
31	Tue	1,000.00	1,000.00	1,000.00	1,000.00
32	Wed	1,000.00	1,000.00	1,000.00	1,000.00
33	Thu	1,000.00	1,000.00	1,000.00	1,000.00
34	Fri	1,000.00	1,000.00	1,000.00	1,000.00
35	Sat	1,000.00	1,000.00	1,000.00	1,000.00
36	Sun	1,000.00	1,000.00	1,000.00	1,000.00
37	Mon	1,000.00	1,000.00	1,000.00	1,000.00
38	Tue	1,000.00	1,000.00	1,000.00	1,000.00
39	Wed	1,000.00	1,000.00	1,000.00	1,000.00
40	Thu	1,000.00	1,000.00	1,000.00	1,000.00
41	Fri	1,000.00	1,000.00	1,000.00	1,000.00
42	Sat	1,000.00	1,000.00	1,000.00	1,000.00
43	Sun	1,000.00	1,000.00	1,000.00	1,000.00
44	Mon	1,000.00	1,000.00	1,000.00	1,000.00
45	Tue	1,000.00	1,000.00	1,000.00	1,000.00
46	Wed	1,000.00	1,000.00	1,000.00	1,000.00
47	Thu	1,000.00	1,000.00	1,000.00	1,000.00
48	Fri	1,000.00	1,000.00	1,000.00	1,000.00
49	Sat	1,000.00	1,000.00	1,000.00	1,000.00
50	Sun	1,000.00	1,000.00	1,000.00	1,000.00
51	Mon	1,000.00	1,000.00	1,000.00	1,000.00
52	Tue	1,000.00	1,000.00	1,000.00	1,000.00
53	Wed	1,000.00	1,000.00	1,000.00	1,000.00
54	Thu	1,000.00	1,000.00	1,000.00	1,000.00
55	Fri	1,000.00	1,000.00	1,000.00	1,000.00
56	Sat	1,000.00	1,000.00	1,000.00	1,000.00
57	Sun	1,000.00	1,000.00	1,000.00	1,000.00
58	Mon	1,000.00	1,000.00	1,000.00	1,000.00
59	Tue	1,000.00	1,000.00	1,000.00	1,000.00
60	Wed	1,000.00	1,000.00	1,000.00	1,000.00
61	Thu	1,000.00	1,000.00	1,000.00	1,000.00
62	Fri	1,000.00	1,000.00	1,000.00	1,000.00
63	Sat	1,000.00	1,000.00	1,000.00	1,000.00
64	Sun	1,000.00	1,000.00	1,000.00	1,000.00
65	Mon	1,000.00	1,000.00	1,000.00	1,000.00
66	Tue	1,000.00	1,000.00	1,000.00	1,000.00
67	Wed	1,000.00	1,000.00	1,000.00	1,000.00
68	Thu	1,000.00	1,000.00	1,000.00	1,000.00
69	Fri	1,000.00	1,000.00	1,000.00	1,000.00
70	Sat	1,000.00	1,000.00	1,000.00	1,000.00
71	Sun	1,000.00	1,000.00	1,000.00	1,000.00
72	Mon	1,000.00	1,000.00	1,000.00	1,000.00
73	Tue	1,000.00	1,000.00	1,000.00	1,000.00
74	Wed	1,000.00	1,000.00	1,000.00	1,000.00
75	Thu	1,000.00	1,000.00	1,000.00	1,000.00
76	Fri	1,000.00	1,000.00	1,000.00	1,000.00
77	Sat	1,000.00	1,000.00	1,000.00	1,000.00
78	Sun	1,000.00	1,000.00	1,000.00	1,000.00
79	Mon	1,000.00	1,000.00	1,000.00	1,000.00
80	Tue	1,000.00	1,000.00	1,000.00	1,000.00
81	Wed	1,000.00	1,000.00	1,000.00	1,000.00
82	Thu	1,000.00	1,000.00	1,000.00	1,000.00
83	Fri	1,000.00	1,000.00	1,000.00	1,000.00
84	Sat	1,000.00	1,000.00	1,000.00	1,000.00
85	Sun	1,000.00	1,000.00	1,000.00	1,000.00
86	Mon	1,000.00	1,000.00	1,000.00	1,000.00
87	Tue	1,000.00	1,000.00	1,000.00	1,000.00
88	Wed	1,000.00	1,000.00	1,000.00	1,000.00
89	Thu	1,000.00	1,000.00	1,000.00	1,000.00
90	Fri	1,000.00	1,000.00	1,000.00	1,000.00
91	Sat	1,000.00	1,000.00	1,000.00	1,000.00
92	Sun	1,000.00	1,000.00	1,000.00	1,000.00
93	Mon	1,000.00	1,000.00	1,000.00	1,000.00
94	Tue	1,000.00	1,000.00	1,000.00	1,000.00
95	Wed	1,000.00	1,000.00	1,000.00	1,000.00
96	Thu	1,000.00	1,000.00	1,000.00	1,000.00
97	Fri	1,000.00	1,000.00	1,000.00	1,000.00
98	Sat	1,000.00	1,000.00	1,000.00	1,000.00
99	Sun	1,000.00	1,000.00	1,000.00	1,000.00
100	Mon	1,000.00	1,000.00	1,000.00	1,000.00

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure the qualified personnel gather and evaluate the information submitted. Based on my review and the information submitted, I certify that the information submitted in this report is true and accurate to the best of my knowledge and belief, and 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. § 6105 (relating to unsworn statements).

Prepared By: Michael DiSantis
 Title: Dir. Of Operations and Maintenance

License No.: T0403
 Date: 3/28/2017



CSO SUPPLEMENTAL REPORT MONTHLY INSPECTION REPORT

Facility Name:
Municipality:
Watershed:

Delaware County Regional Water Quality Control Authority

City of Chester

3G

County: Delaware

Month: February

Year: 2017

NPDES Permit No.: PA0027103

Renewal application due 180 days prior to expiration.

This permit will expire on: April 30, 2018

CSO Outfall No.	Outfall Location	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tilghman	Yes	
009	2nd & Lloyd	Yes	Total overflow from Outfalls 009 and 010 Discharges to Outfall 009 Regulator
010	5th & Pusey	Yes	
011	2nd & Parker	Yes	
012	2nd & Edgmont	No	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	Yes	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	No	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	Yes	
024	3rd & Dock	No	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	No	

Copy this report as needed to include more CSO outfalls.

* 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

Title: Dir. Of Operations and Maintenance

License No.:

T0403

Date:

3/27/2017

Cummings, Meghan

From: depgreenporthelpdesk@state.pa.us
Sent: Tuesday, April 25, 2017 3:58 PM
To: DiSantis, Michael; DiSantis, Michael; Piro, Ian
Subject: Your eDMR Report Has Been Received For Permit No. PA0027103

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

Facility Name: DELCORA STP
Permit Number: PA0027103
Report Frequency: Monthly
Report Type: DMR
Reporting Period: 03/01/2017-03/31/2017
Report Due Date: 04/28/2017

Submitted By: Michael DiSantis
Submission Id: 52085
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.



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

April 25, 2017

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for March, 2017. There were no violations during the month.

Parameter averages for March, 2017 were: Flow – 32.61 MGD; cBOD₅ – 11 mg/l; TSS – 13 mg/L; cBOD₂₀ % removal – 95.47 %; and cBOD₂₀ loading – 7,484 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD: MC
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
Ian Piro via email with server link
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



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

NAME: DELCORA
ADDRESS: 100 EAST FIFTH STREET P.O. BOX 999, CHESTER PA, 19016-0999
FACILITY: DELCORA STP
LOCATION: 3201 W FRONT ST, CHESTER PA, 19013-2320
STAGE: Final Effluent

PA0027103
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 03/01/2017
DMR Effective To: 03/31/2017
Permit Expires: 04/30/2018
Permit Application Due: 11/01/2017
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
FROM	2017	03	TO	2017	03
		01			31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	UNITS	VALUE	VALUE	UNITS	UNITS		
pH	Sample Measurement	***	***	6.66	***	7.1	S U	Grab	1/day
	Permit Measurement	***	***	6.0	Inst Min	9.0	IMAX	Grab	1/day
Total Suspended Solids	Sample Measurement	4014	lbs/day	9779	***	13	25	24-Hr Composite	1/day
	Permit Measurement	11000	***	16500	Wky Avg	45	Wky Avg	24-Hr Composite	1/day
Oil and Grease	Sample Measurement	<1380	lbs/day	***	***	<5	***	Grab	1/day
	Permit Measurement	5500	***	***	15	30	IMAX	Grab	1/day
Ammonia-Nitrogen	Sample Measurement	***	***	***	6.32	***	***	24-Hr Composite	2/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	2/month
Nitrite as N	Sample Measurement	***	***	***	34	49	***	24-Hr Composite	2/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	24-Hr Composite	2/month
Nitrate as N	Sample Measurement	***	***	***	2.39	3.81	***	24-Hr Composite	2/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	24-Hr Composite	2/month
Total Kjeldahl Nitrogen	Sample Measurement	***	***	***	8.68	***	***	24-Hr Composite	2/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	2/month
Cyanide, Total	Sample Measurement	***	***	***	.089	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Chlorobromomethane	Sample Measurement	***	***	***	<.001	***	***	Grab	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	Grab	1/month
Cadmium, Total	Sample Measurement	***	***	***	<.002	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Copper, Total	Sample Measurement	***	***	***	<.01	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Lead, Total	Sample Measurement	***	***	***	<.008	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Zinc, Total	Sample Measurement	***	***	***	.089	***	***	24-Hr Composite	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	24-Hr Composite	1/month
Dichlorobromomethane	Sample Measurement	***	***	***	<.001	***	***	Grab	1/month
	Permit Measurement	***	***	***	Monitor & Report Avg Mo	***	***	Grab	1/month
Flow	Sample Measurement	32.61	MGD	65.34	***	***	***	Measured	Continuous
	Permit Measurement	***	***	Monitor & Report Daily Max	***	***	***	Measured	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	***	***	***	4	72	***	Grab	1/day
	Permit Measurement	***	***	***	5	1.0	IMAX	Grab	1/day

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

[illegible]



Pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

ATTACHMENT DETAILS

File Name	Attachment Type	Upload Time	Attachment Comment
DMR Cover Letter Mar 2017.doc	Cover Letter	2017-04-25T15:57:03-04:00	
Daily Influent Monitoring Form-03-2017.xlsx	Daily Effluent Monitoring Form	2017-04-25T13:31:30-04:00	Daily Influent Monitoring Form-03-2017
Daily Effluent Monitoring Form-03-2017.xlsx	Daily Effluent Monitoring Form	2017-04-25T13:31:30-04:00	
DMR Laboratory Accreditation-WRT-P-03-2017.doc	Laboratory Accreditation Form	2017-04-25T13:38:15-04:00	
DMR Laboratory Accreditation-ALS-03-2017.doc	Laboratory Accreditation Form	2017-04-25T13:37:59-04:00	
Hauled in Municipal Waste_03-2017.xls	Hauled-in Municipal Waste Form	2017-04-25T13:36:39-04:00	
Hauled in Residual Waste_03-2017.xls	Hauled-in Residual Waste Form	2017-04-25T13:36:59-04:00	
Influent and Process Control_03-2017.xls	Influent and Process Control Form	2017-04-25T13:37:23-04:00	
Sewage Sludge Biosolids Production and Disposal Form_01-2-217.xls	Sewage Sludge / Biosolids Production and Disposal Form	2017-04-25T13:39:35-04:00	
March 2017 SWMM Report.xlsx	CSO Detailed Outlet Report Form	2017-04-25T13:39:24-04:00	
Trucked Waste 03-2017.xlsx	Other	2017-04-25T13:39:47-04:00	Trucked Waste 03-2017
dBOD20_ALS_3-21-17.PDF	Laboratory Analytical Report	2017-04-25T13:35:02-04:00	
dBOD20_ALS_3-14-17.PDF	Laboratory Analytical Report	2017-04-25T13:34:10-04:00	
dBOD20_ALS_3-12-17.PDF	Laboratory Analytical Report	2017-04-25T13:33:52-04:00	
dBOD20_ALS_3-7-17.PDF	Laboratory Analytical Report	2017-04-25T13:33:19-04:00	
Sludge_WRT-P-Job_03-2017.pdf	Laboratory Analytical Report	2017-04-25T13:38:55-04:00	
CBOD20_ALS_3-30-17.PDF	Laboratory Analytical Report	2017-04-25T13:36:15-04:00	
CBOD20_ALS_3-28-17.PDF	Laboratory Analytical Report	2017-04-25T13:35:58-04:00	
CBOD20_ALS_3-26-17.PDF	Laboratory Analytical Report	2017-04-25T13:35:57-04:00	
dBOD20_ALS_3-16-17.PDF	Laboratory Analytical Report	2017-04-25T13:33:02-04:00	
dBOD20_ALS_3-14-17.PDF	Laboratory Analytical Report	2017-04-25T13:34:45-04:00	
Process_WRT-P-Job_03-2017.pdf	Laboratory Analytical Report	2017-04-25T13:37:38-04:00	
dBOD20_ALS_3-23-17.PDF	Laboratory Analytical Report	2017-04-25T13:35:20-04:00	
dBOD20_ALS_3-9-17.PDF	Laboratory Analytical Report	2017-04-25T13:33:38-04:00	
dBOD20_ALS_3-2-17.PDF	Laboratory Analytical Report	2017-04-25T13:32:44-04:00	
Influent_WRT-P-Job_03-2017.pdf	Laboratory Analytical Report	2017-04-25T13:32:19-04:00	
Effluent_WRT-P-Job_03-2017.pdf	Laboratory Analytical Report	2017-04-25T13:32:04-04:00	
Effluent_ALS_03-06-2017.PDF	Laboratory Analytical Report	2017-04-25T13:31:48-04:00	

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	Sludge 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	TD403	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).				SUBMITTED BY FULL NAME	
	TELEPHONE		DATE			
DISANTISM	AREA CODE	NUMBER	2017	4	25	
	AREA CODE	NUMBER	YEAR	MO	DAY	



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	03	01	TO 17 03 31
PARAMETER							
ANALYSIS METHOD							
LAB NAME							
LAB ID NUMBER²							
Copper, Total							
EPA 200.7							
ALS Environmental							
PA 22-293							
Lead, Total							
EPA 200.7							
ALS Environmental							
PA 22-293							
Zinc, Total							
EPA 200.7							
ALS Environmental							
PA 22-293							
Dichlorobromomethane							
EPA 624							
ALS Environmental							
PA 22-293							
BOD20/cBOD20							
SM5210 B							
ALS Environmental							
PA 22-293							
Chlorodibromomethane							
EPA 624							
ALS Environmental							
PA 22-293							
TKN-N							
EPA 351.2							
ALS Environmental							
PA 22-293							
Ammonia as N							
D6919-09							
ALS Environmental							
PA 22-293							
Nitrate as N							
EPA 300.0							
ALS Environmental							
PA 22-293							
Total Cyanide							
EPA 335.4							
ALS Environmental							
PA 22-293							
Total Cadmium							
200.7							
ALS Environmental							
PA 22-293							
Nitrite as N							
EPA 300.0							
ALS Environmental							
PA 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

Date: 04/28/17

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	03	01	TO 17 03 31
PARAMETER	ANALYSIS METHOD	LAB NAME	LAB ID NUMBER ²				
BOD5/cBOD5	SM5210 B	DELCORA - Central Laboratory	23-00671				
TSS	SM 2540 D	DELCORA - Central Laboratory	23-00671				
O&G	EPA 1664 A	DELCORA - Central Laboratory	23-00671				
Total Residual Cl	SM4500-Cl G	DELCORA - Central Laboratory	23-00671				
N-Nitrite	SM4500-NO2 B	DELCORA - Central Laboratory	23-00671				
NH3-N	EPA 350.1	DELCORA - Central Laboratory	23-00671				
TKN-N	SM4500-N-org B/SM4500-NH3 C	DELCORA - Central Laboratory	23-00671				
Fecal Coliform	SM 9222 D	DELCORA - Central Laboratory	23-00671				
BOD20/cBOD20	SM5210 B	DELCORA - Central Laboratory	23-00671				
pH	SM 4500 H+B	DELCORA - Central Laboratory	23-00671				
Ammonia as N	EPA 350.1	DELCORA - Central Laboratory	23-00671				
TDS	SM 2540 C	DELCORA - Central Laboratory	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: 610.876.5523

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

Michael J. DiSantis

Date: 04/28/2017

¹ 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.

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

Facility Name: **DELCORA STP**
Municipality: **City Of Chester**
Watershed: **3G**
County: **Delaware**

Month: March Year: 2017
NPDES Permit No.: PA0027103
Renewal application due 180 days prior to expiration
This permit will expire on: April 30, 2018

☐ Check here if there were no off-site removal events during the month[illegible]

(Identify all sites where biosolids or ash were disposed or land applied)

Site Name	Cumberland County Landfill	Mostoller Landfill, INC	Wks Community Landfill and Recy	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

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 DiSantis**
Title: **Dir. Of Operations and Maintenance**

License No.: T0403
Date: April 28, 2017

SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: **DELCORA WRTP**
Municipality: **City of Chester**
Watershed: **3G**

County: **Delaware**

Month: **March**
NPDES Permit No.: **PA0027103**
Renewal application due **180 days** prior to expiration
This permit will expire on: **April 30, 2018**

Day	Influent				Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	29.24	540	131,685	498	121,443	3210.00	1.36	418392
2	28.32			364	85,973	4085.00	1.36	436242
3	26.61			526	116,734	3475.00	1.34	465197
4	27.27			222	50,490	3370.00	1.32	289140
5	27.09			176	39,764	3455.00	2.12	368581
6	27.51	377	86,496	486	111,505	3150.00	1.56	350979
7	27.26			468	106,399	3080.00	1.50	291893
8	27.23	408	92,656	774	175,774	3205.00	1.05	357717
9	26.99			354	79,684	3175.00	2.21	341097
10	31.71			388	102,611	3295.00	1.50	341813
11	27.79			194	44,963	3430.00	3.07	319112
12	27.40			164	37,477	3335.00	3.83	270292
13	27.59	446	102,625	530	121,953	3040.00	3.36	332941
14	46.35			192	74,219	3170.00	2.45	143450
15	36.06	448	134,732	570	171,422	3220.00	1.60	59777
16	32.86			292	80,023	3650.00	1.09	222984
17	37.45			374	116,813	3820.00	1.13	247384
18	38.73			190	61,372	3735.00	1.42	254782
19	40.69			138	46,831	3365.00	2.04	292497
20	37.73	258	81,184	256	80,555	3285.00	1.05	418335
21	35.33			388	114,325	4370.00	0.86	397780
22	33.44	266	74,185	320	89,245	4150.00	0.96	445419
23	31.87			294	78,144	4145.00	1.01	306571
24	31.22			206	53,637	5000.00	1.09	214978
25	30.28			222	56,063	4205.00	1.02	133158
26	29.25			138	33,664	4195.00	1.80	246837
27	31.84	396	105,156	544	144,457	3660.00	1.08	238589
28	41.88			728	254,275	3750.00	0.93	241336
29	35.36	198	58,391	294	86,701	3510.00	1.18	246908
30	32.35			298	80,400	3480.00	1.09	409894
31	68.45			310	176,971	3275.00	2.88	452935
Avg	33.327	371	96,346	352	96,577	3,590	2	308,291
Max	68.45	540	134,732	774	254,275	5,000	4	465,197

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 DiSantis**
Title: **Dir. Of Operations and Maintenance**

License No.: **T0403**
Date: **4/28/2017**

SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

Facility Name: **DELCORA STP**
Municipality: **City of Chester**
Watershed: **3G**

County: **Delaware**

Month: **March**
NPDES Permit No.: **PA0027103**
Renewal application due **180 days** prior to expiration.
This permit will expire on: **April 30, 2018**
Year: **2017**

Day	SEPTAGE				SLUDGE				OTHER (specify):				DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)
1	43500			Headworks	112354			Sludge Thickening	61725			Headworks	217,579	0
2	59300			Headworks	145009			Sludge Thickening	61280			Headworks	265,589	0
3	35850			Headworks	85965			Sludge Thickening	53050			Headworks	174,865	0
4	11650			Headworks	96500			Sludge Thickening	22300			Headworks	130,450	0
5				Headworks				Sludge Thickening				Headworks		
6	43600			Headworks	101439			Sludge Thickening	41800			Headworks	186,839	0
7	46700			Headworks	122785			Sludge Thickening	129700			Headworks	299,185	0
8	47510			Headworks	71473			Sludge Thickening	302050			Headworks	421,033	0
9	42900			Headworks	107994			Sludge Thickening	156880			Headworks	307,774	0
10	31150			Headworks	91158			Sludge Thickening	159850			Headworks	282,158	0
11	5300			Headworks				Sludge Thickening	152290			Headworks	157,590	0
12				Headworks				Sludge Thickening				Headworks		
13	53650			Headworks	112686			Sludge Thickening	164900			Headworks	331,236	0
14	2000			Headworks	5500			Sludge Thickening	1800			Headworks	9,300	0
15	16950			Headworks	164984			Sludge Thickening	50550			Headworks	232,484	0
16	17581			Headworks	151579			Sludge Thickening	109850			Headworks	279,010	0
17	22600			Headworks	116888			Sludge Thickening	77150			Headworks	216,638	0
18	9900			Headworks				Sludge Thickening	34430			Headworks	44,330	0
19				Headworks				Sludge Thickening				Headworks		
20	55250			Headworks	103605			Sludge Thickening	63610			Headworks	222,465	0
21	35225			Headworks	132800			Sludge Thickening	73650			Headworks	241,675	0
22	43850			Headworks	129124			Sludge Thickening	72250			Headworks	245,224	0
23	28650			Headworks	148830			Sludge Thickening	51730			Headworks	229,210	0
24	35500			Headworks	123380			Sludge Thickening	51150			Headworks	210,030	0
25	11800			Headworks	13000			Sludge Thickening	27050			Headworks	51,850	0
26				Headworks				Sludge Thickening				Headworks		
27	58900			Headworks	139984			Sludge Thickening	58750			Headworks	257,634	0
28	43904			Headworks	132000			Sludge Thickening	54100			Headworks	230,004	0
29	30000			Headworks	119699			Sludge Thickening	66780			Headworks	216,479	0
30	40495			Headworks	117172			Sludge Thickening	48300			Headworks	205,967	0
31	42350			Headworks	103999			Sludge Thickening	83000			Headworks	229,349	0
Avg	33,928				109,996				82,592			Monthly Totals	5,895,947	

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: **Headworks**
Title: **Dir. Operations and Maintenance**

License No.: **T0403**
Date: **4/28/2017**

SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

Facility Name: **DELCORA STP**
Municipality: **City of Chester**
Watershed: **3G**

County: **Delaware**

Month: **March** Year: **2017**
NPDES Permit No.: **PA0027103**
Renewal application due **180 days** prior to expiration.
This permit will expire on: **April 30, 2018**

Day	SEPTAGE			SLUDGE			OTHER (specify):			DAILY TOTALS		
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)
1										Headworks	133,100	0
2										Headworks	126,800	0
3										Headworks	93,400	0
4										Headworks	6,100	0
5										Headworks		
6										Headworks	129,200	0
7										Headworks	108,619	0
8										Headworks	146,100	0
9										Headworks	136,845	0
10										Headworks	112,800	0
11										Headworks	12,000	0
12										Headworks		
13										Headworks		
14										Headworks		
15										Headworks	144,001	0
16										Headworks	144,900	0
17										Headworks	179,507	0
18										Headworks	22,700	0
19										Headworks		
20										Headworks	98,700	0
21										Headworks	168,700	0
22										Headworks	113,850	0
23										Headworks	144,866	0
24										Headworks	130,139	0
25										Headworks	5,600	0
26										Headworks		
27										Headworks	76,200	0
28										Headworks	101,700	0
29										Headworks	115,200	0
30										Headworks	145,600	0
31										Headworks	149,091	0
Avg										Monthly Totals	2,745,718	0

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 DiSantis**
Title: **Dir. Operations and Maintenance**

License No.: **T0403**
Date: **3/28/2017**



Month: March Year: 2017
NPDES Permit No.: PA0027103 A3
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Renewal application due 180 days prior to expiration
This permit will expire on: **April 30, 2018**

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).

License No.: T0403
Date: 4/28/2017

Month: 3 (select number) Year: 2017
 Permit No.: PA0027103 Outfall: 001
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

cently under penalty of law that information was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and prepare the information submitted. I am not aware that there are any significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. See 18 P.S. § 3904 (relating to monetary sanctions).

License No : T0403
Date: 4/28/2019

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Month: 3 (select number) Year: 2017
 Permit No.: PA0027103 Outfall: 001
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

Month: 3 (select number) Year: 2017
 Permit No.: PA0027103 Outfall: 001
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

I hereby under penalty of perjury swear that the information contained herein is true and correct 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. § 9024 (relating to unsworn falsification).

License No.: T0403
Date: 4/28/2017



CSO SUPPLEMENTAL REPORT MONTHLY INSPECTION REPORT

Facility Name: Delaware County Regional Water Quality Control Authority
 Municipality: City of Chester County: Delaware
 Watershed: 3G

Month: March Year: 2017
 NPDES Permit No.: PA0027103
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

CSO Outfall No.	Outfall Location*	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tilghman	Yes	
009	2nd & Lloyd	Yes	Total overflow from Outfalls 009 and 010
010	5th & Pusey	Yes	Discharges to Outfall 009 Regulator
011	2nd & Parker	Yes	
012	2nd & Edgmont	No	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	Yes	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	Yes	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	Yes	
024	3rd & Dock	No	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	No	

Copy this report as needed to include more CSO outfalls.

* 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
 Title: Dir. Of Operations and Maintenance

License No.: T0403
 Date: 4/19/2017

Cummings, Meghan

From: depgreenporthelpdesk@state.pa.us
Sent: Saturday, May 27, 2017 7:52 AM
To: DiSantis, Michael; DiSantis, Michael; Piro, Ian
Subject: Your eDMR Report Has Been Received For Permit No. PA0027103

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

Facility Name: DELCORA STP
Permit Number: PA0027103
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: 55981
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.



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

May 27, 2017

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for April, 2017. There were no violations during the month.

Parameter averages for April, 2017 were: Flow – 35.62 MGD; cBOD₅ – 12 mg/l; TSS – 15 mg/L; cBOD₂₀ % removal – 93.36 %; and cBOD₂₀ loading – 8,069 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD: mc
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
Ian Piro via email with server link
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



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

NAME: DELCORA
ADDRESS: 100 EAST FIFTH STREET P.O. BOX 999, CHESTER PA, 19016-0999
FACILITY: DELCORA STP
LOCATION: 3201 W FRONT ST, CHESTER PA, 19013-2320
STAGE: Final Effluent

PA0027103
PERMIT NUMBER

001
OUTFALL NUMBER

Reorting Frequency: Monthly
DMR Effective From: 04/01/2017
DMR Effective To: 04/30/2017
Permit Expires: 04/30/2018
Permit Application Due: 11/01/2017
No Discharge? No

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

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLE TYPE	SAMPLE FREQUENCY
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH	Sample Measurement	***	***	---	6.68	---	7.08	S.U.	Grab	1/day
	Permit Measurement	---	---		6.0 Inst Min	---	9.0 IMAX		Grab	1/day
Total Suspended Solids	Sample Measurement	4615	5165	lbs/day	---	15	15	mg/L	24-Hr Composite	1/day
	Permit Measurement	11000 Avg Mo	16500 Wkly Avg		---	30 Avg Mo	45 Wkly Avg		24-Hr Composite	1/day
Oil and Grease	Sample Measurement	<1485	---	lbs/day	---	<5	<5	mg/L	Grab	1/day
	Permit Measurement	5500 Avg Mo	---		---	15 Avg Mo	30 IMAX		Grab	1/day
Ammonia-Nitrogen	Sample Measurement	---	---	---	---	13.4	---	mg/L	24-Hr Composite	2/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		24-Hr Composite	2/month
Nitrite as N	Sample Measurement	---	---	---	---	.12	.18	mg/L	24-Hr Composite	3/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	Monitor & Report Daily Max		24-Hr Composite	2/month
Nitrate as N	Sample Measurement	---	---	---	---	.65	.88	mg/L	24-Hr Composite	2/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	Monitor & Report Daily Max		24-Hr Composite	2/month
Total Kjeldahl Nitrogen	Sample Measurement	---	---	---	---	15.84	---	mg/L	24-Hr Composite	2/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		24-Hr Composite	2/month
Cyanide, Total	Sample Measurement	---	---	---	---	.055	---	mg/L	24-Hr Composite	1/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		24-Hr Composite	1/month
Chlorodibromomethane	Sample Measurement	---	---	---	---	<.005	---	mg/L	Grab	1/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		Grab	1/month
Cadmium, Total	Sample Measurement	---	---	---	---	<.0010	---	mg/L	24-Hr Composite	1/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		24-Hr Composite	1/month
Copper, Total	Sample Measurement	---	---	---	---	.0076	---	mg/L	24-Hr Composite	1/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		24-Hr Composite	1/month
Lead, Total	Sample Measurement	---	---	---	---	<.003	---	mg/L	24-Hr Composite	1/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		24-Hr Composite	1/month
Zinc, Total	Sample Measurement	---	---	---	---	.05	---	mg/L	24-Hr Composite	1/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		24-Hr Composite	1/month
Dichlorobromomethane	Sample Measurement	---	---	---	---	<.005	---	mg/L	Grab	1/month
	Permit Measurement	---	---		---	Monitor & Report Avg Mo	---		Grab	1/month
Flow	Sample Measurement	35.62	53.22	MGD	---	---	---	---	Metered	Continuous
	Permit Measurement	Monitor & Report Avg Mo	Monitor & Report Daily Max		---	---	---		Metered	Continuous
Total Residual Chlorine (TRC)	Sample Measurement	---	---	---	---	.3	.7	mg/L	Grab	1/day
	Permit Measurement	---	---		---	.5 Avg Mo	1.0 IMAX		Grab	1/day

DISCHARGE MONITORING REPORT (DMR)

Total Dissolved Solids	Sample Measurement	***	***	***	***	548	643	mg/L	24-Hr Composite	2/month
	Permit Measurement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		24-Hr Composite	2/month
Fecal Coliform	Sample Measurement	***	***	***	***	32	460	CFU/100 ml	Grab	1/day
	Permit Measurement	***	***		***	200 Geo Mean	1000 IMAX		Grab	1/day
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	3592	4815	lbs/day	***	12	14	mg/L	24-Hr Composite	1/day
	Permit Measurement	7000 Avg Mo	10500 Wkly Avg		***	19 Avg Mo	29 Wkly Avg		24-Hr Composite	1/day
BOD, carbonaceous, 20 day, 20 C	Sample Measurement	8069	***	lbs/day	***	***	***	***	24-Hr Composite	3/week
	Permit Measurement	10500 Avg Mo	***		***	***	***		24-Hr Composite	1/week
BOD, carbonaceous, 20 day, 20 C	Sample Measurement	***	***	***	93.36	***	***	%	24-Hr Composite	3/week
	Permit Measurement	***	***		89.25	***	***		24-Hr Composite	1/week
Biochemical Oxygen Demand (BOD5)	Sample Measurement	112986	***	lbs/day	***	362	***	mg/L	24-Hr Composite	1/week
	Permit Measurement	Monitor & Report Avg Mo	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	1/week
Total Suspended Solids	Sample Measurement	89074	***	lbs/day	***	293	***	mg/L	24-Hr Composite	1/day
	Permit Measurement	Monitor & Report Avg Mo	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	1/day
Carbonaceous Biochemical Oxygen Demand (CBOD5)	Sample Measurement	74131	***	lbs/day	***	245	***	mg/L	24-Hr Composite	1/day
	Permit Measurement	Monitor & Report Avg Mo	***		***	Monitor & Report Avg Mo	***		24-Hr Composite	1/day
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
April 2017 SWMM Report.xlsx	CSO Detailed Outfall Report Form	2017-05-25T13:38:03-04:00	
Trucked Waste_04-2017.xlsx	Other	2017-05-25T13:38:22-04:00	Trucked Waste_04-2017
Hauled in Municipal Waste_04-2017.xls	Hauled-in Municipal Waste Form	2017-05-25T13:34:42-04:00	
Influent and Process Control_03-2017.xls	Influent and Process Control Form	2017-05-25T13:35:26-04:00	
DMR Laboratory Accreditation-WRTP-04-2017.doc	Laboratory Accreditation Form	2017-05-25T13:36:25-04:00	
Sewage Sludge Biosolids Production and Disposal Form_04-2017.xls	Sewage Sludge / Biosolids Production and Disposal Form	2017-05-25T13:36:43-04:00	
DMR Cover Letter APR 2017.doc	Cover Letter	2017-05-27T07:51:24-04:00	
WRTP_ProcessControl_04-2017.pdf	Laboratory Analytical Report	2017-05-25T13:35:43-04:00	
cBOD20_ALS_4-9-17.PDF	Laboratory Analytical Report	2017-05-25T14:32:50-04:00	
cBOD20_ALS_4-13-17.pdf	Laboratory Analytical Report	2017-05-25T14:33:27-04:00	
Hauled in Residual Wastes_04-2017.xls	Hauled-in Residual Waste Form	2017-05-25T13:35:04-04:00	
cBOD20_ALS_4-16-17.pdf	Laboratory Analytical Report	2017-05-25T14:33:45-04:00	
cBOD20_ALS_4-18-17.pdf	Laboratory Analytical Report	2017-05-25T14:34:05-04:00	
cBOD20_ALS_4-20-17.pdf	Laboratory Analytical Report	2017-05-25T14:34:23-04:00	
cBOD20_ALS_4-4-17.PDF	Laboratory Analytical Report	2017-05-25T14:32:14-04:00	
Effluent_WRTP_04-2017.pdf	Laboratory Analytical Report	2017-05-25T14:31:16-04:00	
cBOD20_ALS_4-6-17.PDF	Laboratory Analytical Report	2017-05-25T14:32:32-04:00	
Effluent_ALS_04-05-2017.PDF	Laboratory Analytical Report	2017-05-25T13:46:16-04:00	
WRTP_Influent_04-2017.pdf	Laboratory Analytical Report	2017-05-25T13:46:34-04:00	
cBOD20_ALS_4-2-17.PDF	Laboratory Analytical Report	2017-05-25T14:31:54-04:00	
cBOD20_ALS_4-11-17.PDF	Laboratory Analytical Report	2017-05-25T14:33:08-04:00	
cBOD20_ALS_4-23-17.pdf	Laboratory Analytical Report	2017-05-25T14:34:55-04:00	
cBOD20_ALS_4-25-17.pdf	Laboratory Analytical Report	2017-05-25T14:35:14-04:00	
Daily Influent Monitoring Form-04-2017.xlsx	Other	2017-05-25T13:34:23-04:00	Daily Influent Monitoring Form-04-2017
WRTP_Sludge_04-2017.pdf	Laboratory Analytical Report	2017-05-25T13:41:43-04:00	
cBOD20_ALS_4-27-17.pdf	Laboratory Analytical Report	2017-05-25T14:35:32-04:00	
cBOD20_ALS_4-30-17.pdf	Laboratory Analytical Report	2017-05-25T14:35:54-04:00	
DMR Laboratory Accreditation-ALS-04-2017.doc	Laboratory Accreditation Form	2017-05-25T13:36:05-04:00	

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
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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		
DISANTISM			AREA CODE	NUMBER	2017	5	27
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	04	01	TO 17 04 30
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
Copper, Total	EPA 200.7	ALS Environmental		PA 22-293			
Lead, Total	EPA 200.7	ALS Environmental		PA 22-293			
Zinc, Total	EPA 200.7	ALS Environmental		PA 22-293			
Dichlorobromomethane	EPA 624	ALS Environmental		PA 22-293			
BOD20/cBOD20	SM5210 B	ALS Environmental		PA 22-293			
Chlorodibromomethane	EPA 624	ALS Environmental		PA 22-293			
TKN-N	EPA 351.2	ALS Environmental		PA 22-293			
Ammonia as N	D6919-09	ALS Environmental		PA 22-293			
Nitrate as N	EPA 300.0	ALS Environmental		PA 22-293			
Total Cyanide	EPA 335.4	ALS Environmental		PA 22-293			
Total Cadmium	200.7	ALS Environmental		PA 22-293			
Nitrite as N	EPA 300.0	ALS Environmental		PA 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

Date: 05/28/17

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	04	01	TO 17 04 30
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
BOD5/cBOD5	SM5210 B	DELCORA - Central Laboratory		23-00671			
TSS	SM 2540 D	DELCORA - Central Laboratory		23-00671			
O&G	EPA 1664 A	DELCORA - Central Laboratory		23-00671			
Total Residual Cl	SM4500-Cl G	DELCORA - Central Laboratory		23-00671			
N-Nitrite	SM4500-NO2 B	DELCORA - Central Laboratory		23-00671			
NH3-N	EPA 350.1	DELCORA - Central Laboratory		23-00671			
TKN-N	SM4500-N-org B/SM4500-NH3 C	DELCORA - Central Laboratory		23-00671			
Fecal Coliform	SM 9222 D	DELCORA - Central Laboratory		23-00671			
BOD20/cBOD20	SM5210 B	DELCORA - Central Laboratory		23-00671			
pH	SM 4500 H+B	DELCORA - Central Laboratory		23-00671			
Ammonia as N	EPA 350.1	DELCORA - Central Laboratory		23-00671			
TDS	SM 2540 C	DELCORA - Central Laboratory		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: 610.876.5523
**Signature of Principal Executive Officer or
Authorized Agent**
Michael J. DiSantis
Date: 05/28/2017

¹ 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.

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

Month: April Year: 2017
NPDES Permit No.: PA0027103
Renewal application due 180 days prior to expiration
This permit will expire on: April 30, 2018

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[illegible]

TOTAL:

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

Secondary air sites where biosolids or ash were disposed or land applied)				
Site Name	Cumberland County Landfill	Mostoller Landfill, INC	Berks Community Landfill and Recy	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

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).

License No.: **T0403**
Date: **May 28, 2017**

SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

3800-FM-BPNPSM0436 3/2012

Facility Name: DELCORA W RTP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: April

Year: 2017

NPDES Permit No.: PA0027103

Renewal application due 180 days prior to expiration.

This permit will expire on: April 30, 2018

Day	Influent					Process Control				
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	53.72			140	62,723	2695.00	3.66	431703		
2	41.85			160	55,845	2820.00	3.05	402049		
3	37.87	270	85,276	280	88,434	3235.00	1.58	400259		
4	43.42			242	87,634	3170.00	1.00	394762		
5	34.39	270	77,439	314	90,059	3645.00	1.07	431261		
6	48.34			364	146,749	3810.00	1.32	441731		
7	42.23			246	86,641	3735.00	1.49	465466		
8	34.51			168	48,353	4085.00	0.99	470563		
9	34.26			124	35,430	3910.00	1.99	489182		
10	36.64	643	196,486	448	136,899	4420.00	1.37	431624		
11	33.80			614	173,082	4190.00	1.01	305319		
12	33.14	285	78,770	318	87,891	3795.00	1.15	361999		
13	32.22			298	80,077	3480.00	0.98	432117		
14	31.88			402	106,883	3270.00	1.08	433318		
15	30.98			184	47,541	3560.00	1.35	256774		
16	31.09			162	42,005	3165.00	1.82	244035		
17	33.23	348	96,444	438	121,387	3160.00	1.19	240263		
18	31.78			240	63,611	2765.00	1.13	192245		
19	32.58	377	102,437	424	115,208	3165.00	1.17	220511		
20	33.20			330	91,373	3730.00	0.99	457451		
21	37.41			388	121,056	3635.00	0.98	466978		
22	34.03			212	60,168	3395.00	1.15	468797		
23	32.20			146	39,208	3225.00	1.39	471145		
24	33.24	539	149,422	484	134,175	2250.00	1.04	450993		
25	45.17			366	137,879	2935.00	1.02	447023		
26	43.60	323	117,451	302	109,814	3280.00	1.07	422563		
27	37.53			246	76,998	3150.00	0.87	378331		
28	35.69			454	135,135	3265.00	0.80	363350		
29	36.44			152	46,194	2835.00	0.92	311667		
30	34.53			152	43,773	3215.00	1.29	350205		
31										
Avg	36.699	382	112,966	293	89,074	3,366	1	387,789		
Max	53.72	643	196,486	614	173,082	4,420	4	489,182		

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: Micheal DiSantis
Title: Dir. Of Operations and Maintenance

License No.: T0403
Date: 5/28/2017

SUPPLEMENTAL REPORT - HAULED IN MUNICIPAL WASTES

3800-FM-BPNPSM0437 3/2012

Facility Name: DELCORA STP
Municipality: City of Chester
Watershed: 3G

County: Delaware

Month: April

Year: 2017

NPDES Permit No.: PA0027103

Renewal application due 180 days prior to expiration.

This permit will expire on: April 30, 2018

Day	SEPTAGE				SLUDGE				OTHER (specify): Holding Tank				DAILY TOTALS	
	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (mg/l)	BOD ₅ (lbs)	Disposal Location	Gallons	BOD ₅ (lbs)
1	21200			Headworks	95400			Sludge Thickening	22600			Headworks	139,200	0
2				Headworks				Sludge Thickening				Headworks		
3	30900			Headworks	110444			Sludge Thickening	76050			Headworks	217,394	0
4	56650			Headworks	162180			Sludge Thickening	69000			Headworks	287,830	0
5	69484			Headworks	140413			Sludge Thickening	58400			Headworks	268,297	0
6	32900			Headworks	150950			Sludge Thickening	49050			Headworks	232,900	0
7	46350			Headworks	132108			Sludge Thickening	105740			Headworks	284,198	0
8	5800			Headworks				Sludge Thickening	18100			Headworks	23,900	0
9				Headworks				Sludge Thickening				Headworks		
10	58900			Headworks	109014			Sludge Thickening	64700			Headworks	232,614	0
11	53400			Headworks	88312			Sludge Thickening	69650			Headworks	211,362	0
12	29000			Headworks	124858			Sludge Thickening	64900			Headworks	218,758	0
13	57850			Headworks	116638			Sludge Thickening	56780			Headworks	231,268	0
14	65800			Headworks	80100			Sludge Thickening	58700			Headworks	204,600	0
15	19350			Headworks				Sludge Thickening	48200			Headworks	67,550	0
16				Headworks				Sludge Thickening				Headworks		
17	48800			Headworks	108285			Sludge Thickening	52155			Headworks	209,240	0
18	35750			Headworks	132260			Sludge Thickening	80985			Headworks	248,995	0
19	43700			Headworks	140273			Sludge Thickening	60285			Headworks	244,258	0
20	36150			Headworks	123616			Sludge Thickening	79900			Headworks	239,666	0
21	32650			Headworks	103200			Sludge Thickening	84450			Headworks	220,300	0
22	6200			Headworks	6500			Sludge Thickening	20400			Headworks	33,100	0
23				Headworks				Sludge Thickening				Headworks		
24	54300			Headworks	109078			Sludge Thickening	66350			Headworks	229,728	0
25	36450			Headworks	138728			Sludge Thickening	70330			Headworks	245,508	0
26	30700			Headworks	134147			Sludge Thickening	76500			Headworks	241,347	0
27	55100			Headworks	92639			Sludge Thickening	92068			Headworks	239,807	0
28	36050			Headworks	84105			Sludge Thickening	72725			Headworks	192,880	0
29	4600			Headworks				Sludge Thickening	36300			Headworks	40,900	0
30				Headworks				Sludge Thickening				Headworks		
31				Headworks				Sludge Thickening				Headworks		
Avg	38,721				112,875				62,173			Monthly Totals:	5,005,600	

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: Headworks
Title: Dir. Operations and Maintenance

License No.: T0403
Date: 5/28/2017



3800-FM-BPNPSM0450 3/2012

This permit will expire on: **April 30, 2018**

Total:	19,267,802
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License No.: T0403
Date: 5/28/2017

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

2000-FM-001/P3/M04/05 3/0/17

Facility Name: DELCORA STP
Municipality: City of Chester County: Delaware
Watershed: 3-6
Laboratories: DELCORA; ALS Environmental

Month: 4 (select number) Year: 2017
Permit No.: PA0027103 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

Parameter	Flow	Fecal Coliform	pH	CBOD5	CBOD20	CBOD20	TSS	TSS	TDS	Oil and Grease	TRC	NH3-N	NO3-N	NO2-N	TKN	Total Copper	Total Lead
Stage	1	1	1	1	1	K	1	K	1	1	1	1	1	1	1	1	1
Unit	MGD	CFU/100 ml	g/L	mg/L	mg/L	%	mg/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Week	Day	Date	Flow	Fecal Coliform	pH	CBOD5	CBOD20	CBOD20	TSS	TSS	TDS	Oil and Grease	TRC	NH3-N	NO3-N	NO2-N	TKN
1	Sat	4/1/17	53.22	460	8.87	23			40	71.43		<	5	0.33			
	Sun	4/2/17	42.40	80	8.94	12	24	53.49	13	90.63	480.00	<	5	0.31			
	Mon	4/3/17	37.48	96	8.87	15			13	95.36	683.00	<	5	0.18			
	Tue	4/4/17	43.85	94	8.88	12			12	95.04	533.00	<	5	0.18			
	Wed	4/5/17	34.11	30	6.96	11	30	67.80	14	95.54	609.00	<	5	0.54	13.65	0.08	0.14
	Thu	4/6/17	47.41	65	8.91	19	36	92.80	20	94.51	622.00	<	5	0.25			15.30
	Fri	4/7/17	41.82	88	8.89	15			18	92.08		<	5	0.40			0.0076
	Sat	4/8/17	33.89	33	8.98	16			15	91.07		<	5	0.70			0.0030
2	Sun	4/9/17	33.47	16	7.05	8	23	20.91	10	91.94	572.00	<	5	0.62			
	Mon	4/10/17	36.27	24	8.99	11			13	97.19	547.00	<	5	0.58			
	Tue	4/11/17	33.08	31	6.90	15	28	97.49	14	97.72	845.00	<	5	0.69		0.05	
	Wed	4/12/17	51.93	37	7.91	14			14	96.60	843.00	<	5	0.41			
	Thu	4/13/17	31.41	38	7.94	12	37	91.48	15	94.87		<	5	0.35			
	Fri	4/14/17	30.91	29	7.98	11			15	96.27		<	5	0.34			
	Sat	4/15/17	28.89	22	6.97	8			10	94.57		<	5	0.65			
3	Sun	4/16/17	29.89	27	7.00	7	22	94.01	12	92.99	833.00	<	5	0.05			
	Mon	4/17/17	31.42	1	6.93	11			12	97.28	339.00	<	5	0.39			
	Tue	4/18/17	30.30	8	6.85	10	31	93.02	11	95.42	398.00	<	5	0.57			
	Wed	4/19/17	30.79	27	6.99	10			13	96.93	817.00	<	5	0.38	13.13	0.44	0.18
	Thu	4/20/17	30.89	68	7.00	10	30	98.85	14	95.76	821.00	<	5	0.13			16.37
	Fri	4/21/17	36.31	31	6.98	13			15	98.13		<	5	0.36			
	Sat	4/22/17	31.80	4	7.00	7			12	94.34		<	5	0.22			
4	Sun	4/23/17	30.11	30	6.97	7	18	93.92	11	92.47	480.00	<	5	0.21			
	Mon	4/24/17	31.03	41	6.78	12			18	96.68	614.00	<	5	0.05			
	Tue	4/25/17	42.32	2060	6.92	13	24	96.31	16	95.83	570.00	<	5	0.09			
	Wed	4/26/17	42.30	110	6.98	9			18	94.70	489.00	<	5	0.22			
	Thu	4/27/17	36.77	12	6.80	12	32	91.26	18	93.50	551.00	<	5	0.62			
	Fri	4/28/17	35.11	13	6.82	11			18	96.48		<	5	0.31			
	Sat	4/29/17	35.99	13	6.86	9			15	90.13		<	5	0.18			
5	Sun	4/30/17	33.89	6	6.88	8	17	95.81	15	90.13	481.00	<	5	0.20			
Summary for Data																	
Daily Minimum (Conc.)			3	8.85	7	17	97.8	19	71.43	339	<	5	0.06	13.18	0.44	0.05	15.3
Daily Maximum (Conc.)			2060	7.58	23	37	97.48	40	97.72	843	<	5	0.7	13.65	0.08	0.18	16.37
Max Avg Weekly (Conc.)					14	33	94.86	18	95.46	594	<	5	1	13.65	0.06	0.18	16.37
Avg Monthly (Conc.)					12	37	93.36	16	93.75	545	<	5	0.3	13.4	0.05	0.12	16.34
Geometric Mean (Conc.)			32														
Max Avg Weekly (Load)	48.12			4815	11443		6145		199076	<	1873	541	4892	318	91	3598	2
Avg Monthly (Load)	38.42			3892	8998		4815		162162	<	1483	191	4167	37	4998	2	0.8
Total Monthly (Load)	1888.63			187786	243946		138658		4801889	<	44952	3036	138724	8365	1188	148891	65
Daily Minimum (Load)	28.39			1761	4539		2483		88933	<	1248	13	3323	111	14	4197	2
Daily Maximum (Load)	83.22			10296	13439		17754		344936	<	2219	197	4882	318	91	3598	2

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: Micheal DiSantis
Title: Dir. Of Operations and Maintenance

License No.: T0403
Date: 5/28/2017



Facility Name: DELCORA STP
Municipality: City of Chester County: Delaware
Watershed: 3-G
Laboratories: DELCORA; ALS Environmental

Month: 4 (select number) Year: 2017
 Permit No.: PA0027103 Outfall: 001
 Renewal application due 180 days prior to expiration.
 This permit will expire on: April 30, 2018

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 imprisonment for knowing violations. (See 18 P.S. § 4504 (relating to unsworn falsification).

Prepared By: Micheal DiSantis
Title: Dir. Of Operations and Maintenance

License No.: T0403
Date: 5/28/2017



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CSO SUPPLEMENTAL REPORT MONTHLY INSPECTION REPORT

Facility Name: Delaware County Regional Water Quality Control Authority
Municipality: City of Chester County: Delaware
Watershed: 3G

Month: April Year: 2017
NPDES Permit No.: PA0027103
Renewal application due 180 days prior to expiration.
This permit will expire on: April 30, 2018

CSO Outfall No.	Outfall Location*	Discharge?*	Comments
002	Front & Booth	Yes	
003	Front & Highland	Yes	
004	Front & Hayes	Yes	
005	Front & Townsend	Yes	
007	Delaware & Reaney	Yes	
008	2nd & Tilghman	Yes	
009	2nd & Lloyd	Yes	Total overflow from Outfalls 009 and 010 Discharges to Outfall 009 Regulator
010	5th & Pusey	Yes	
011	2nd & Parker	Yes	
012	2nd & Edgmont	No	
013	2nd & Welsh	Yes	
014	3rd & Upland	Yes	
015	4th & Melrose	Yes	
016	8th & McDowell	Yes	
017	9th & Campbell	Yes	
018	Sun Dr. & Hancock	Yes	
019	14th & Crozer Hospital	Yes	
020	Kerlin & Finland	Yes	
021	9th & Sproul	Yes	
022	6th & Sproul	Yes	
023	3rd & Edgmont	Yes	
024	3rd & Dock	No	
025	5th & Penn	Yes	
026	7th & Penn	Yes	
032	2nd & Avenue of the States	No	
033	Elkington Blvd. and Ridley Creek	No	

Copy this report as needed to include more CSO outfalls.

* See Instructions for explanation.

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

License No.: T0403
Date: 5/16/2017

Cummings, Meghan

From: depgreenporthelpdesk@state.pa.us
Sent: Tuesday, June 27, 2017 12:49 PM
To: DiSantis, Michael; DiSantis, Michael; Piro, Ian
Subject: Your eDMR Report Has Been Received For Permit No. PA0027103

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

Facility Name: DELCORA STP
Permit Number: PA0027103
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: 58841
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.



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

June 27, 2017

SUBMITTED ONLINE VIA PADEP eDMR SYSTEM

William Collins
Water Quality Specialist – Water Management Program
PA Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Dear Mr. Collins:

Enclosed are DELCORA's Discharge Monitoring Report, Laboratory Data Reports, and CSO Report for May, 2017. We regret to report that there were two violations for exceeding the maximum fecal coliform limit. Both exceedances occurred during rain events when flow was substantially higher than normal, limiting the contact time for disinfection.

Parameter averages for May, 2017 were: Flow – 35.31 MGD; cBOD₅ – 8 mg/l; TSS – 12 mg/L; cBOD₂₀ % removal – 94.92 %; and cBOD₂₀ loading – 6,023 lbs/day.

Should any further information be required concerning this report, please contact me at (610) 876-5523, ext. 264.

Respectfully submitted,

Electronically submitted

Michael J. DiSantis
Director of Operations and Maintenance

MJD: mc
Enclosures

cc: w/enclosures
US EPA - NPDES DMR (3WP42) – can access through DEP website
Delaware River Basin Commission – can access through DEP website
S.J. Babylon via email with server link
Ian Piro via email with server link
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



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

NAME: DELCORA
ADDRESS: 100 EAST FIFTH STREET P.O. BOX 999, CHESTER PA, 19016-0999
FACILITY: DELCORA STP
LOCATION: 3201 W FRONT ST, CHESTER PA, 19013-2320
STAGE: Final Effluent

PA0027103
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
DMR Effective From: 05/01/2017
DMR Effective To: 05/31/2017
Permit Expires: 04/30/2018
Permit Application Due: 11/01/2017
No Discharge? No

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
2017	05	01	2017	05	31

FROM

PARAMETERS REPORTED VALUES

PARAMETER	QUANTITY OR LOADING			QUANTITY OR CONCENTRATION			SAMPLE TYPE	SAMPLE FREQUENCY
	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	Sample Measurement	6.47	6.0	7.0	S.U.	Grab	1/day	
	Permit Measurement	6.0	Inst Min	9.0	IMAX	Grab	1/day	
Total Suspended Solids	Sample Measurement	3925	4791	12	16	24-Hr Composite	1/day	
	Permit Measurement	11000	16500	45	45	24-Hr Composite	1/day	
Oil and Grease	Sample Measurement	<1476	45	15	30	Grab	1/day	
	Permit Measurement	5500	11000	7.12	MAX	Grab	1/day	
Ammonia-Nitrogen	Sample Measurement	1.33	2.19	1.48	2.42	24-Hr Composite	2/month	
	Permit Measurement	1.48	2.42	9.77	MAX	24-Hr Composite	2/month	
Nitrite as N	Sample Measurement	0.080	0.01	0.011	0.003	24-Hr Composite	1/month	
	Permit Measurement	0.011	0.003	0.041	0.0022	24-Hr Composite	1/month	
Cyanide, Total	Sample Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
	Permit Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
Chlorodibromomethane	Sample Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
	Permit Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
Cadmium, Total	Sample Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
	Permit Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
Copper, Total	Sample Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
	Permit Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
Lead, Total	Sample Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
	Permit Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
Zinc, Total	Sample Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
	Permit Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
Dichlorobromomethane	Sample Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
	Permit Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/month	
Flow	Sample Measurement	35.31	64.38	3	12	Grab	Continuous	
	Permit Measurement	35.31	64.38	3	12	Grab	Continuous	
Total Residual Chlorine (TRC)	Sample Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/day	
	Permit Measurement	0.001	0.001	0.001	0.001	24-Hr Composite	1/day	



DISCHARGE MONITORING REPORT (DMR)

[illegible]



**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
DMR Cover Letter May 2017.doc	Cover Letter	2017-06-27T12:45:28-04:00	
Daily Influent Monitoring Form-05-2017.xlsx	Daily Effluent Monitoring Form	2017-06-28T15:58:28-04:00	
Daily Effluent Monitoring Form-05-2017.xlsx	Daily Effluent Monitoring Form	2017-06-28T15:58:04-04:00	
DMR Laboratory Accreditation-WRTP-05-2017.doc	Laboratory Accreditation Form	2017-06-28T16:05:17-04:00	
Hauled in Municipal Waste_05-2017.xls	Hauled in Municipal Waste Form	2017-06-28T16:03:44-04:00	
Hauled in Residual Wastes_05-2017.xls	Hauled in Residual Waste Form	2017-06-28T16:04:04-04:00	
Influent and Process Control_05-2017.xls	Influent and Process Control Form	2017-06-28T16:04:24-04:00	
Sewage Sludge Biosolids Production and Disposal Form_05-2017.xls	Sewage Sludge / Biosolids Production and Disposal Form	2017-06-28T16:05:41-04:00	
May 2017 SWMM Report.xlsx	CSO Detailed Outfall Report Form	2017-06-28T16:07:44-04:00	
May 2017 Trucked Wastes.xlsx	Other	2017-06-28T16:08:04-04:00	May 2017 Trucked Wastes
cBOD20_ALS_5-30-17.pdf	Laboratory Analytical Report	2017-06-28T16:03:25-04:00	
WRTP_Sludge_05-2017.pdf	Laboratory Analytical Report	2017-06-28T16:07:00-04:00	
DMR Laboratory Accreditation-ALS-05-2017.doc	Laboratory Analytical Report	2017-06-28T16:04:58-04:00	
cBOD20_ALS_5-23-17.PDF	Laboratory Analytical Report	2017-06-28T16:02:51-04:00	
cBOD20_ALS_5-18-17.PDF	Laboratory Analytical Report	2017-06-28T16:02:11-04:00	
cBOD20_ALS_5-25-17.PDF	Laboratory Analytical Report	2017-06-28T16:03:08-04:00	
cBOD20_ALS_5-16-17.PDF	Laboratory Analytical Report	2017-06-28T16:01:52-04:00	
cBOD20_ALS_5-11-17.PDF	Laboratory Analytical Report	2017-06-28T16:01:10-04:00	
cBOD20_ALS_5-9-17.PDF	Laboratory Analytical Report	2017-06-28T16:00:50-04:00	
cBOD20_ALS_5-4-17.PDF	Laboratory Analytical Report	2017-06-28T15:59:50-04:00	
cBOD20_ALS_5-2-17.pdf	Laboratory Analytical Report	2017-06-28T15:58:15-04:00	
Effluent_WRTP_05-2017.pdf	Laboratory Analytical Report	2017-06-28T16:01:35-04:00	
cBOD20_ALS_5-14-17.PDF	Laboratory Analytical Report	2017-06-28T16:00:33-04:00	
cBOD20_ALS_5-7-17.PDF	Laboratory Analytical Report	2017-06-28T15:59:31-04:00	
Influent_WRTP_05-2017.pdf	Laboratory Analytical Report	2017-06-28T15:58:56-04:00	
Effluent_ALS_05-02-2017.pdf	Laboratory Analytical Report	2017-06-28T16:04:40-04:00	Effluent_ALS_05-02-2017
WRTP_ProcessControl_05-2017.pdf	Laboratory Analytical Report	2017-06-28T16:02:29-04:00	
cBOD20_ALS_5-21-17.PDF	Laboratory Analytical Report		

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
43821	05/01/2017	05/31/2017	Fecal Coliform	Instantaneous Maximum	3000	1000		001	Hydraulic flow exceeding plant or unit design	None taken	

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	Comments
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OTHER PERMIT VIOLATIONS

Non Compliance ID	Stage Code (Sampling Point)	Reported Parameter	Non Compliance Type	Comments
43829			Other	Maximum fecal coliform limit was exceeded on 5/25 with a result of 1,790 CFU/100 ml. This also occurred during a rain event when a deflection diversion lane wall broke (then designed due to high flow).

COMMENTS DETAILS

Comment	Operator Name	Operator Certification Number	Operator Contact Number
	Michael J. DiSantis	10403	6108765523

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	Michael DiSantis			TELEPHONE		DATE	
	SUBMITTED BY FULL NAME			AREA CODE	NUMBER	YEAR	MO DAY
DISANTISM	Michael DiSantis			2017	6	27	

*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 ensure 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).



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	05	01	TO 17 05 31
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
BOD5/cBOD5	SM5210 B	DELCORA - Central Laboratory		23-00671			
TSS	SM 2540 D	DELCORA - Central Laboratory		23-00671			
O&G	EPA 1664 A	DELCORA - Central Laboratory		23-00671			
Total Residual Cl	SM4500-Cl G	DELCORA - Central Laboratory		23-00671			
N-Nitrite	SM4500-NO2 B	DELCORA - Central Laboratory		23-00671			
NH3-N	EPA 350.1	DELCORA - Central Laboratory		23-00671			
TKN-N	SM4500-N-org B/SM4500-NH3 C	DELCORA - Central Laboratory		23-00671			
Fecal Coliform	SM 9222 D	DELCORA - Central Laboratory		23-00671			
BOD20/cBOD20	SM5210 B	DELCORA - Central Laboratory		23-00671			
pH	SM 4500 H+B	DELCORA - Central Laboratory		23-00671			
Ammonia as N	EPA 350.1	DELCORA - Central Laboratory		23-00671			
TDS	SM 2540 C	DELCORA - Central Laboratory		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: 610.876.5523

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

Michael J. DiSantis

Date: 06/28/2017

¹ 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.

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



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

SUPPLEMENTAL LABORATORY ACCREDITATION FORM¹

Permittee Name: <u>DELCORA</u>							
Address: <u>P.O. Box 999</u>							
<u>Chester, PA 19016</u>							
<u>19016</u>							
PERMIT NUMBER				MONITORING PERIOD Year/Month/Day			
PA0027103				17	05	01	TO 17 05 31
PARAMETER	ANALYSIS METHOD	LAB NAME		LAB ID NUMBER²			
Copper, Total	EPA 200.7	ALS Environmental		PA 22-293			
Lead, Total	EPA 200.7	ALS Environmental		PA 22-293			
Zinc, Total	EPA 200.7	ALS Environmental		PA 22-293			
Dichlorobromomethane	EPA 624	ALS Environmental		PA 22-293			
BOD20/cBOD20	SM5210 B	ALS Environmental		PA 22-293			
Chlorodibromomethane	EPA 624	ALS Environmental		PA 22-293			
TKN-N	EPA 351.2	ALS Environmental		PA 22-293			
Ammonia as N	D6919-09	ALS Environmental		PA 22-293			
Nitrate as N	EPA 300.0	ALS Environmental		PA 22-293			
Total Cyanide	EPA 335.4	ALS Environmental		PA 22-293			
Total Cadmium	200.7	ALS Environmental		PA 22-293			
Nitrite as N	EPA 300.0	ALS Environmental		PA 22-293			

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Name/Title Principal Executive Officer

Phone: 610.876.5523

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

Michael J. DiSantis

Date: 06/28/17

¹ 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.

² 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: **DELCORA STP**
Municipality: **City Of Chester**
Watershed: **3G**

County: Delaware

Month: April Year: 2017
 NPDES Permit No.: PA0027103
 Renewal application due 180 days prior to expiration
 This permit will expire on: April 30, 2018

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

[illegible]

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	Cumberland County Landfill	Mostoller Landfill, INC	arks Community Landfill and Recycling	A & M Composting
Municipality	Hopewell and North Newton	Brothersvalley and Somerset	Cumru Township	Penn Township
County	Cumberland	Somerset	Berks	Lancaster
DEP Permit No.	265792	238935	451623	602247
Type of Material*	incinerator ash	incinerator ash	incinerator ash	sewage sludge
Dry Tons Applied/Disposed				
Type of Disposal/Use*	landfill	landfill	landfill	composting
Hauler Name	Interstate Waste Services	Interstate Waste Services	Interstate Waste Services	J. P. Mascaro & Sons

* See Instructions for explanation.

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Prepared By: **Michael DiSantis**
Title: **Dir. Of Operations and Maintenance**

License No.: T0403
Date: June 28, 2017