

DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY

DELAWARE COUNTY, PENNSYLVANIA

2016 BUDGET

Statement of Revenues Required to Fund
Expenses of Administration, Operation and
Debt Service for the Eastern and Western
Delaware County Service Areas for the Year
Ending December 31, 2016

and

Statements of Service Charges to be Imposed
on Users for Said Year

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Prepared by:
Robert J. Willert, Executive Director

John Pileggi, Controller

Proposed Adoption by Board:

Approved by
Consulting Engineer:



A handwritten signature in black ink, appearing to read 'John Pileggi', is written over a solid horizontal line.

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
2016 BUDGET**

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DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
2016 BUDGET

RATES AND CHARGES- WESTERN

	PROJECTED FLOW IN MM GALLONS		RATE		1,000 Gallons/ or Charge Per Minimum		%		Total Revenue		% Change	\$ Change
	2015 Budget	2016 Budget	2015 Budget	2016 Budget	2015 Budget	2016 Budget	Change	Change	2015 Budget	2016 Budget		
Retail:												
Chester City	828,789	827,593	-0.14%	\$4.19	\$4.37	4.30%	4.30%	\$3,472,626	\$3,616,561	4.15%	\$143,936	
Parkside	43,409	43,995	1.33%	\$4.16	\$4.37	5.05%	5.05%	\$180,581	\$192,214	6.44%	\$11,633	
Upland	133,793	123,278	-7.86%	\$4.16	\$4.37	5.05%	5.05%	\$556,579	\$538,725	-3.21%	-\$17,854	
Chester Twp.	41,196	42,700	3.65%	\$4.16	\$4.37	5.05%	5.05%	\$171,375	\$186,599	8.89%	\$15,224	
Trainer	37,605	36,599	-2.68%	\$8.32	\$8.68	4.33%	4.33%	\$312,874	\$317,679	1.54%	\$4,806	
Marcus Hook	54,980	53,987	-1.81%	\$6.36	\$6.68	5.03%	5.03%	\$349,673	\$360,633	3.13%	\$10,960	
Minimums # of accounts	4,567	3,998	-12.46%	\$82.00	\$86.92	6.00%	6.00%	\$374,494	\$347,506	-7.21%	-\$26,988	
TOTAL	1,144,339	1,132,140	-1.07%					\$5,418,202	\$5,559,698	2.62%	\$141,736	
Retail Industrial: (1)												
Exelon	1,158	1,317	13.73%	\$5.26	\$5.37	2.09%	2.09%	\$6,091	\$7,072	16.11%	\$981	
Ace Linen	15,600	11,000	-29.49%	\$5.26	\$5.37	2.09%	2.09%	\$82,056	\$59,070	-28.01%	-\$22,986	
PQ	21,000	20,440	-2.67%	\$5.26	\$5.37	2.09%	2.09%	\$110,460	\$108,763	-0.63%	-\$1,697	
Health Mats	2,861	0	-100.00%	\$5.26	\$5.37	2.09%	2.09%	\$15,049	\$0	-100.00%	-\$15,049	
Delco Linens	11,525	9,880	-14.27%	\$5.26	\$5.37	2.09%	2.09%	\$60,622	\$53,056	-12.48%	-\$7,566	
Covanta	1,119	1,119	0.00%	\$5.26	\$5.37	2.09%	2.09%	\$5,886	\$6,009	2.09%	\$123	
Congleam	4,278	4,278	0.00%	\$9.43	\$9.62	2.01%	2.01%	\$40,342	\$41,154	2.01%	\$813	
Monroe - Sanitary	10,000	10,000	0.00%	\$9.43	\$9.62	2.01%	2.01%	\$94,300	\$96,200	2.01%	\$1,900	
TOTAL	67,641	58,034	-14.08%					\$414,805	\$372,324	-10.24%	-\$42,481	
Wholesale												
EDU:												
Brookhaven	316,951	248,533	-21.59%	\$1.90	\$2.00	5.26%	5.26%	\$602,207	\$497,066	-17.46%	-\$105,141	
Neiter Providence	367,693	360,900	-1.85%	\$1.90	\$2.00	5.26%	5.26%	\$698,617	\$721,800	3.32%	\$23,183	
TOTAL	684,644	609,433	-10.99%					\$1,300,824	\$1,218,866	-6.30%	-\$81,958	
WESTERN:												
Southern	876,000	823,500	-5.99%	\$2.09	\$2.18	4.31%	4.31%	\$1,830,840	\$1,795,230	-1.95%	-\$35,610	
Soccer Stadium	4,650	4,650	0.00%	\$2.09	\$2.18	4.31%	4.31%	\$9,719	\$10,137	4.31%	\$419	
Eddystone	146,000	146,400	0.27%	\$2.09	\$2.18	4.31%	4.31%	\$305,140	\$319,152	4.59%	\$14,012	
Boeing	58,400	58,400	0.00%	\$2.09	\$2.18	4.31%	4.31%	\$122,056	\$127,312	4.31%	\$5,256	
Harrah's Racino	20,075	20,075	0.00%	\$2.09	\$2.18	4.31%	4.31%	\$41,957	\$43,764	4.31%	\$1,807	
Lower Chester	189,800	190,320	0.27%	\$2.09	\$2.18	4.31%	4.31%	\$396,682	\$414,898	4.59%	\$18,216	
TOTAL	1,284,925	1,243,345	-3.98%					\$2,708,393	\$2,710,492	0.15%	\$4,099	
Wholesale Industrial: (1)												
Kimberly Clark	1,460,000	1,372,500	-5.99%	\$2.41	\$2.46	2.07%	2.07%	\$3,518,600	\$3,376,350	-4.04%	-\$142,250	
Sunoco	1,095,000	1,267,458	15.75%	\$2.41	\$2.46	2.07%	2.07%	\$2,638,950	\$3,117,947	18.15%	\$478,997	
Rhodia	8,400	10,740	27.86%	\$2.41	\$2.46	2.07%	2.07%	\$20,244	\$26,420	30.51%	\$6,176	
Braskem	29,000	60,000	106.90%	\$2.41	\$2.46	2.07%	2.07%	\$69,890	\$147,600	111.19%	\$77,710	
Liberty	112,800	135,500	20.12%	\$2.41	\$2.46	2.07%	2.07%	\$271,848	\$333,330	22.62%	\$61,482	
FPL	86,500	51,240	-40.76%	\$2.41	\$2.46	2.07%	2.07%	\$208,465	\$126,050	-39.53%	-\$82,415	
Monroe-Process	51,100	96,700	89.24%	\$2.41	\$2.46	2.07%	2.07%	\$123,151	\$237,882	93.16%	\$114,731	
TOTAL	2,842,800	2,694,138	-5.23%					\$6,851,148	\$7,385,579	7.61%	\$514,431	
Chester Ridley Creek												
Southwest Authority	1,007,400	966,240	-4.09%	\$2.53	\$2.66	5.14%	5.14%	\$2,548,722	\$2,570,198	0.84%	\$21,476	
Middletown	671,600	644,160	-4.09%	\$2.53	\$2.66	5.14%	5.14%	\$1,699,148	\$1,713,466	0.84%	\$14,318	
Total	1,679,000	1,610,400	-4.09%					\$4,247,870	\$4,283,664	0.84%	\$35,794	
Total West	7,713,249	7,647,450	-0.85%					\$20,838,242	\$21,510,864	2.73%	\$671,622	

(1) Plus excess BOD/TSS surcharge at \$.30/LB and \$.27/LB respectively. Delcora has a surcharge for BOD and TSS over 300 MGAL. Permit Delcora at times send Delcora an excess of this amount, which may result in a surcharge amount.

DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
2016 BUDGET

RATES AND CHARGES- Eastern

	PROJECTED		%	%	RATE Per		%	Total Revenue		%	\$ Change
	FLOW IN MM GALLONS	2016 Budget			2015 Budget	000 Gallons		2016 Budget	2015 Budget		
Eastern Authority											
Central Delaware County Authority	4,270,500	4,101,000	-3.97%	\$1.96	\$2.06	5.10%	\$8,370,180	\$8,448,060	0.93%	\$77,880	
Darby Creek Joint Authority	8,577,500	8,052,000	-6.13%	\$1.96	\$2.06	5.10%	\$16,811,900	\$16,587,120	-1.34%	-\$224,780	
Muckinipates Authority	1,898,000	1,830,000	-3.58%	\$1.96	\$2.06	5.10%	\$3,720,080	\$3,769,800	1.34%	\$49,720	
TOTAL	14,746,000	13,983,000	-5.17%				\$28,902,160	\$28,804,980	-0.34%	-\$97,180	

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2016 BUDGET

REVENUE AND EXPENSE ANALYSIS

Revenues:	2015	2016	\$ Change	% Change
Service Charges:				
Eastern Delaware County		\$8,448,060	\$77,880	0.93%
Central Delaware County Authority	\$8,370,180	\$16,587,120	-\$224,780	-1.34%
Darby Creek Joint Authority	\$16,811,900	\$3,769,800	\$49,720	1.34%
Muckinipates Authority	\$3,720,080	\$1,105,000	\$1,105,000	NC
Edgmont				
	\$28,902,160	\$29,909,980	\$1,007,820	3.49%
Western Delaware County				
Residential	\$5,418,202	\$5,559,938	\$141,736	2.62%
EDU Wholesale	\$1,300,824	\$1,218,866	-\$81,958	-6.30%
Retail Industrial	\$414,805	\$372,324	-\$42,481	-10.24%
Western Wholesale	\$2,706,393	\$2,710,492	\$4,099	0.15%
Wholesale Industrial	\$6,851,148	\$7,365,579	\$514,431	7.51%
Chester Ridley Creek	\$4,247,870	\$4,283,664	\$35,794	0.84%
	\$20,939,242	\$21,510,864	\$571,622	2.73%
Remote Locations	\$950,000	\$950,000	\$0	0.00%
Total Service Charges	\$50,791,402	\$52,370,844	\$1,579,442	3.11%
Other Revenues:				
Interest Income Investments	\$250,000	\$300,000	\$50,000	20.00%
Residual Waste	\$3,400,000	\$3,600,000	\$200,000	5.88%
Covanta Effluent Usage	\$100,000	\$100,000	\$0	0.00%
Load Surcharge	\$325,000	\$375,000	\$50,000	15.38%
Other Income	\$350,000	\$350,000	\$0	0.00%
	\$4,425,000	\$4,725,000	\$300,000	6.78%
Total Revenues	\$55,216,402	\$57,095,844	\$1,879,442	3.40%
Expense:				
Philadelphia Plant Treatment Costs	\$12,483,513	\$9,945,825	-\$2,537,688	-20.33%
Debt Service	\$8,150,000	\$8,720,000	\$570,000	6.99%
Salaries & Wages	\$8,889,817	\$9,506,528	\$616,711	6.94%
Overtime	\$1,133,500	\$1,155,700	\$22,200	1.96%
Utilities	\$2,699,875	\$2,852,050	\$152,175	5.64%
Chemicals	\$590,000	\$610,000	\$20,000	3.39%
Employee Benefits	\$3,965,634	\$4,068,908	\$103,274	2.60%
Pension	\$850,000	\$1,693,616	\$843,616	99.25%
Repairs & Maintenance	\$1,718,500	\$2,215,310	\$496,810	28.91%
Insurance	\$690,150	\$674,250	-\$15,900	-2.30%
Minor Equipment & Supplies	\$247,572	\$201,596	-\$45,976	-18.57%
Information Technology	\$584,100	\$545,500	-\$38,600	-6.61%
Solicitor	\$450,000	\$500,000	\$50,000	11.11%
Consulting	\$200,000	\$200,000	\$0	0.00%
Solids Disposal/Grit Screening	\$1,230,000	\$1,230,000	\$0	0.00%
Engineering	\$450,000	\$415,000	-\$35,000	-7.78%
Other Contracted Services	\$601,200	\$706,100	\$104,900	17.45%
Office & Advertising	\$175,200	\$163,125	-\$12,075	-6.89%
Strategic Plan		\$323,000	\$323,000	NC
Dues and Conferences	\$86,800	\$71,180	-\$15,620	-18.00%
Edgmont Treatment		\$482,505		NC
Education and Training	\$140,500	\$124,000	-\$16,500	-11.74%
Contingency	\$700,000	\$700,000	\$0	0.00%
Capital Reserve PWD and Chester LTCP	\$0	\$7,000,000	\$7,000,000	NC
Capital Reserve Replacing Capital Assets	\$9,180,041	\$2,991,651	-\$6,188,390	-67.41%
Total Expenses	\$55,216,402	\$57,095,844	\$1,879,442	3.40%

NC = Not Calculable

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2016 BUDGET SUMMARY

EXPENSE BY DEPARTMENT

	<u>2015</u>	<u>2016</u>	<u>\$ Change</u>	<u>% Change</u>
Expense:				
Administration, IT, Engineering				
Total	\$5,845,419	\$6,623,326	\$777,907	13.31%
Debt Service:				
Total	\$8,150,000	\$8,720,000	\$570,000	6.99%
Operations and Maintenance:				
Eastern Delaware County:				
Pump Stations	\$1,147,565	\$1,238,490	\$90,925	7.92%
Philadelphia Treatment	\$12,483,513	\$9,945,825	-\$2,537,688	-20.33%
Total East Expenses	<u>\$13,631,078</u>	<u>\$11,184,315</u>	<u>-17.95%</u>	<u>0.00%</u>
Western Delaware County:				
Western Regional Treatment Plant	\$9,847,179	\$10,939,161	\$1,091,982	11.09%
Industrial Pretreatment	\$254,899	\$374,332	\$119,433	46.86%
Central Lab	\$653,041	\$686,234	\$33,193	5.08%
Chester Pump Station	\$376,047	\$356,262	-\$19,785	-5.26%
Sewer Maintenance	\$1,970,902	\$2,041,214	\$70,312	3.57%
Chester Area Lift Stations	\$216,026	\$121,271	-\$94,755	-43.86%
Eddystone Pump Station	\$111,757	\$68,886	-\$42,871	-38.36%
Customer Revenue (Billing)	\$534,090	\$560,956	\$26,866	5.03%
Marcus Hook/Lower Chi	\$148,866	\$126,612	-\$22,254	-14.95%
Trainer Pump Stations	\$47,780	\$28,426	-\$19,354	-40.51%
Remote Locations	\$1,207,090	\$1,381,375	\$174,285	14.44%
Sludge Processing	\$2,077,400	\$2,200,000	\$122,600	5.90%
Southern Pump Stations	\$82,891	\$32,660	-\$50,231	-60.60%
Chester Ridley Creek	\$181,896	\$369,762	\$187,866	103.28%
Edmont		\$589,401	\$589,401	NC
Contingency	\$700,000	\$700,000	\$0	0.00%
Total West Expenses	<u>\$18,409,864</u>	<u>\$20,576,552</u>	<u>\$2,166,688</u>	<u>11.77%</u>
Total Expenses	<u><u>\$46,036,361</u></u>	<u><u>\$47,104,193</u></u>	<u><u>2.32%</u></u>	<u><u>\$1,067,832</u></u>

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2016

ESTIMATE OF SERVICE CHARGES

FOR

CENTRAL DELAWARE COUNTY AUTHORITY

DARBY CREEK JOINT AUTHORITY

MUCKINIPATES AUTHORITY

In Accordance With Section 3.06 of the
Service agreements Dated December 1, 1973
(plus subsequent amendments)

Adopted by Board: November 17, 2015

Approved by
Consulting Engineer:



**2016
ESTIMATE
SERVICE CHARGE**

To: Central Delaware County Authority

Statement of Estimates of Service Charge for
Calendar Year 2016 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	<u>2015</u>	<u>2016</u>
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$28,902,160	\$28,804,980
2. Estimated Amount to be Paid to DELCORA During Year	\$8,370,180	\$8,448,060
3. Amount of Credit Resulting from Previous Years Overpayment	\$0	\$0
4. Amount of Credit Resulting from Governmental Grants, etc.	\$0	\$0
Total Credits	<u>\$0</u>	<u>\$0</u>
Net Estimated Billing	\$8,370,180	\$8,448,060
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	<u><u>\$8,370,180</u></u>	<u><u>\$8,448,060</u></u>

Payment of Above Due as Follows:

March 31, 2016	\$2,112,015
June 30, 2016	\$2,112,015
September 30, 2016	\$2,112,015
December 31, 2016	<u>\$2,112,015</u>
Total	<u><u>\$8,448,060</u></u>

**2016
ESTIMATE
SERVICE CHARGE**

To: Darby Creek Joint Authority

Statement of Estimates of Service Charge for
Calendar Year 2016 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	2015	2016
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System for 2016	\$28,902,160	\$28,804,980
2. Estimated Amount to be Paid to DELCORA During Year	\$16,811,900	\$16,587,120
3. Amount of Credit Resulting from Previous Years Overpayment NONE	\$0	\$0
4. Amount of Credit Resulting from Governmental Grants, etc.	\$0	\$0
Total Credits	\$0	\$0
Net Estimated Billing	\$16,811,900	\$16,587,120
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$16,811,900	\$16,587,120

Payment of Above Due as Follows:

March 31, 2016	\$4,146,780
June 30, 2016	\$4,146,780
September 30, 2016	\$4,146,780
December 31, 2016	\$4,146,780
Total	\$16,587,120

**2016
ESTIMATE
SERVICE CHARGE**

To: Muckinipates Authority

Statement of Estimates of Service Charge for
Calendar Year 2016 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	2015	2016
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System for 2016	\$28,902,160	\$28,804,980
2. Estimated Amount to be Paid to DELCORA During Year	\$3,720,080	\$3,769,800
3. Amount of Credit Resulting from Previous Years Overpayment	\$0	\$0
4. Amount of Credit Resulting from Governmental Grants, etc.	\$0	\$0
Total Credits	\$0	\$0
Net Estimated Billing	\$3,720,080	\$3,769,800
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$3,720,080	\$3,769,800

Payment of Above Due as Follows:

March 31, 2016	\$942,450
June 30, 2016	\$942,450
September 30, 2016	\$942,450
December 31, 2016	\$942,450
Total	\$3,769,800