
EXHIBIT J3

DELCORA 2019 ADOPTED ANNUAL BUDGET

DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY

DELAWARE COUNTY, PENNSYLVANIA

2019 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, 2019

and

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

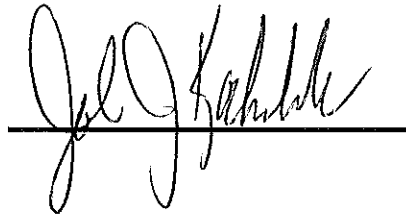
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Prepared by:
Robert J. Willert, Executive Director

John Pileggi, Controller

Proposed Adoption by Board: November 20, 2018

Approved by
Consulting Engineer:



**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
2019 BUDGET**

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DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
2019 BUDGET

RATES AND CHARGES- WESTERN

	PROJECTED		% Change	RATE		% Change	Total Revenue		% Change	\$ Change		
	FLOW IN MM			1,000 Gallons/ or Charge Per Minimum			2018	2019			% Change	\$ Change
	2018	2019		2018	2019		2018	2019				
Retail:												
Chester City	831,687	823,028	-1.04%	\$4.93	\$5.32	7.91%	\$4,100,217	\$4,378,509	6.79%	\$278,292		
Parkside	43,033	43,296	0.61%	\$4.93	\$5.32	7.91%	\$212,153	\$230,335	8.57%	\$18,182		
Upland	139,838	133,520	-4.52%	\$4.93	\$5.32	7.91%	\$689,401	\$710,326	3.04%	\$20,925		
Chester Twp.	35,353	35,612	0.73%	\$4.93	\$5.32	7.91%	\$174,290	\$189,456	8.70%	\$15,166		
Trainer	36,836	39,982	8.54%	\$9.65	\$5.32	-44.87%	\$355,467	\$212,704	-40.16%	-\$142,763		
Marcus Hook	45,260	44,779	-1.06%	\$7.53	\$8.13	7.97%	\$340,808	\$364,053	6.82%	\$23,245		
Minimums # of accounts	3,873	3,873	0.00%	\$95.00	\$99.75	5.00%	\$367,935	\$386,332	5.00%	\$18,397		
TOTAL	1,135,680	1,124,090	-1.04%				\$6,240,271	\$6,471,715	3.71%	\$231,444		
Retail Industrial: (1)												
Exelon	1,399	1,643	17.44%	\$5.94	\$6.42	8.08%	\$8,310	\$10,548	26.93%	\$2,238		
Ace Linen	13,500	16,000	18.52%	\$5.94	\$6.42	8.08%	\$80,190	\$102,720	28.10%	\$22,530		
PQ	20,000	20,000	0.00%	\$5.94	\$6.42	8.08%	\$118,800	\$128,400	8.08%	\$9,600		
Delco Linens	9,500	8,350	-12.11%	\$5.94	\$6.42	8.08%	\$56,430	\$53,607	-5.00%	-\$2,823		
Covanta	865	1,027	18.73%	\$5.94	\$6.42	8.08%	\$5,138	\$6,593	28.32%	\$1,455		
Congoileum	4,055	4,400	8.51%	\$10.64	\$6.42	-39.66%	\$43,145	\$28,248	-34.53%	-\$14,897		
Monroe - Sanitary	7,500	6,000	-20.00%	\$10.64	\$6.42	-39.66%	\$79,800	\$38,520	-51.73%	-\$41,280		
TOTAL	56,819	57,420	1.06%				\$391,813	\$368,636	-5.92%	-\$23,177		
Wholesale												
EDU:												
Brookhaven	252,915	270,146	6.81%	\$2.48	\$2.68	8.06%	\$627,229	\$723,991	15.43%	\$96,762		
Nether Providence	340,918	382,346	12.15%	\$2.48	\$2.68	8.06%	\$845,477	\$1,024,687	21.20%	\$179,211		
TOTAL	593,833	652,492	9.88%				\$1,472,706	\$1,748,679	18.74%	\$275,973		
WESTERN:												
Southern	803,000	803,000	0.00%	\$2.46	\$2.66	8.13%	\$1,975,380	\$2,135,980	8.13%	\$160,600		
Soccer Stadium	4,650	4,650	0.00%	\$2.46	\$2.66	8.13%	\$11,439	\$12,369	8.13%	\$930		
Eddystone	146,000	146,000	0.00%	\$2.46	\$2.66	8.13%	\$359,160	\$388,360	8.13%	\$29,200		
Boeing	45,625	45,625	0.00%	\$2.46	\$2.66	8.13%	\$112,238	\$121,363	8.13%	\$9,125		
Harrah's Racino	21,000	21,000	0.00%	\$2.46	\$2.66	8.13%	\$51,660	\$55,860	8.13%	\$4,200		
Lower Chichester	182,500	182,500	0.00%	\$2.46	\$2.66	8.13%	\$448,950	\$485,450	8.13%	\$36,500		
TOTAL	1,202,775	1,202,775	0.00%				\$2,958,627	\$3,199,382	8.13%	\$240,555		
Wholesale Industrial: (1)												
Kimberly Clark	1,368,750	1,368,750	0.00%	\$2.72	\$2.94	8.09%	\$3,723,000	\$4,024,125	8.09%	\$301,125		
Sunoco	1,131,500	1,058,500	-6.45%	\$2.72	\$2.94	8.09%	\$3,077,680	\$3,111,990	1.11%	\$34,310		
Braskem	71,600	76,000	6.15%	\$2.72	\$2.94	8.09%	\$194,752	\$223,440	14.73%	\$28,688		
Dynegy (Liberty Electric)	145,200	121,500	-16.32%	\$2.72	\$2.94	8.09%	\$394,944	\$357,210	-9.55%	-\$37,734		
Monroe-Process	51,100	51,100	0.00%	\$2.72	\$2.94	8.09%	\$138,982	\$150,234	8.09%	\$11,242		
Marcus Hook Energy (FPL)	116,400	116,400	0.00%	\$2.72	\$2.94	8.09%	\$316,608	\$342,216	8.09%	\$25,608		
TOTAL	2,884,550	2,792,250	-3.20%				\$7,845,976	\$8,209,215	4.63%	\$363,239		
Chester Ridley Creek												
Southwest Authority	867,970	897,900	3.45%	\$3.00	\$3.24	8.00%	\$2,603,910	\$2,909,196	11.72%	\$305,286		
Middletown	628,530	598,600	-4.76%	\$3.00	\$3.24	8.00%	\$1,885,590	\$1,939,484	2.86%	\$53,874		
Total	1,496,500	1,496,500	0.00%				\$4,489,500	\$4,848,680	8.00%	\$359,180		
Total West	7,370,357	7,325,527	-0.81%				\$23,399,093	\$24,846,287	6.18%	\$1,447,194		

(1) Plus excess BOD/TSS surcharge at \$.32/LB and \$.285/LB respectively.
Delcora has a surcharge for BOD and TSS over 300 MG/L. Permit Industries at times send Delcora an excess of this amount, which may result in a surcharge amount.

DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
2019 BUDGET

RATES AND CHARGES- Eastern

	PROJECTED FLOW IN MM GALLONS		% Change	RATE Per 000 Gallons		% Change	Total Revenue		% Change	\$ Change
	2018 Budget	2019 Budget		2018 Budget	2019 Budget		2018 Budget	2019 Budget		
	<u>Eastern Authority</u>									
Central Delaware County Authority	3,923,750	3,832,500	-2.33%	\$2.32	\$2.51	8.19%	\$9,103,100	\$9,619,575	5.67%	\$516,475
Darby Creek Joint Authority	7,665,000	7,482,500	-2.38%	\$2.32	\$2.51	8.19%	\$17,782,800	\$18,781,075	5.61%	\$998,275
Muckinipates Authority	1,825,000	1,733,750	-5.00%	\$2.32	\$2.51	8.19%	\$4,234,000	\$4,351,713	2.78%	\$117,713
TOTAL	13,413,750	13,048,750	-2.72%				\$31,119,900	\$32,752,363	5.25%	\$1,632,463

RATES AND CHARGES- Other Residential

	Number of EDU's/ 000 Gallons		% Change	RATE Per EDU/ 000 Gallons		% Change	Total Revenue		% Change	\$ Change
	2018 Budget	2019 Budget		2018 Budget	2019 Budget		2018 Budget	2019 Budget		
	<u>Rose Valley Pump Station</u>									
Rose Valley Residents	373	373	0.00%	\$625.00	\$900.00	44.00%	\$233,125	\$335,700	44.00%	\$102,575
Nether Providence Residents	127	127	0.00%	\$625.00	\$900.00	44.00%	\$79,375	\$114,300	44.00%	\$34,925
Total Rose Valley Pump Station	500	500	0.00%				\$312,500	\$450,000	44.00%	\$137,500
<u>Pocopson</u>										
Riverside	160	160	0.00%	\$880.00	\$880.00	0.00%	\$140,800	\$140,800	0.00%	\$0
Preserve	66	66	0.00%	\$1,400.00	\$1,400.00	0.00%	\$92,400	\$92,400	0.00%	\$0
	226	226	0.00%				\$233,200	\$233,200	0.00%	\$0
<u>Edgmont</u>										
Residential	660	675	2.27%	\$1,275.00	\$1,275.00	0.00%	\$841,500	\$860,625	2.27%	\$19,125
Commercial Based on EDU	140	145	3.57%	\$1,025.00	\$1,025.00	0.00%	\$143,500	\$148,625	3.57%	\$5,125
Commercial Based on Flow	12,200	12,390	1.56%	\$10.25	\$10.25	0.00%	\$125,050	\$126,998	1.56%	\$1,948
							\$1,110,050	\$1,136,248		
TOTAL							\$1,655,750	\$1,819,448	9.89%	\$301,198

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2019 BUDGET

REVENUE AND EXPENSE ANALYSIS

Revenues:	2018	2019	\$ Change	% Change
Service Charges:				
Eastern Delaware County				
Central Delaware County Authority	\$9,103,100	\$9,619,575	\$516,475	5.67%
Darby Creek Joint Authority	\$17,782,800	\$18,781,075	\$998,275	5.61%
Muckinipates Authority	\$4,234,000	\$4,351,713	\$117,713	2.78%
	<u>\$31,119,900</u>	<u>\$32,752,363</u>	<u>\$1,632,463</u>	<u>5.25%</u>
Western Delaware County				
Residential	\$6,240,271	\$6,471,715	\$231,444	3.71%
EDU Wholesale	\$1,472,706	\$1,748,679	\$275,973	18.74%
Retail Industrial	\$391,813	\$368,636	-\$23,177	-5.92%
Western Wholesale	\$2,958,827	\$3,199,382	\$240,555	8.13%
Wholesale Industrial	\$7,845,976	\$8,209,215	\$363,239	4.63%
Chester Ridley Creek	\$4,489,500	\$4,848,660	\$359,160	8.00%
	<u>\$23,399,093</u>	<u>\$24,846,287</u>	<u>\$1,447,194</u>	<u>6.18%</u>
Other Residential	\$1,655,750	\$1,819,448	\$163,698	9.89%
Remote Locations	\$399,250	\$400,000	\$750	0.19%
Total Service Charges	<u>\$56,573,993</u>	<u>\$59,818,097</u>	<u>\$3,244,104</u>	<u>5.73%</u>
Other Revenues:				
Interest Income Investments	\$750,000	\$1,250,000	\$500,000	66.67%
Residual Waste	\$4,500,000	\$4,750,000	\$250,000	5.56%
Covanta Effluent Usage	\$85,000	\$85,000	\$0	0.00%
Load Surcharge	\$325,000	\$325,000	\$0	0.00%
Other Income	\$300,000	\$300,000	\$0	0.00%
	<u>\$5,960,000</u>	<u>\$6,710,000</u>	<u>\$750,000</u>	<u>12.58%</u>
Total Revenues	<u>\$62,533,993</u>	<u>\$66,528,097</u>	<u>\$3,994,104</u>	<u>6.39%</u>
Expense:				
Philadelphia Plant Treatment Costs	\$10,875,452	\$11,187,262	\$311,810	2.87%
Debt Service	\$12,050,000	\$12,750,000	\$700,000	5.81%
Salaries & Wages	\$10,765,295	\$11,299,320	\$534,025	4.96%
Overtime	\$1,321,420	\$1,497,850	\$176,430	13.35%
Utilities	\$3,097,600	\$2,690,100	-\$407,500	-13.16%
Chemicals	\$815,000	\$990,000	\$175,000	21.47%
Employee Benefits	\$4,807,075	\$4,669,721	-\$137,354	-2.86%
Pension	\$1,600,000	\$1,640,000	\$40,000	2.50%
Repairs & Maintenance	\$2,838,069	\$2,848,450	\$10,381	0.37%
Insurance	\$837,347	\$968,122	\$130,775	15.62%
Minor Equipment & Supplies	\$240,900	\$351,513	\$110,613	45.92%
Information Technology	\$690,700	\$773,000	\$82,300	11.92%
Solicitor	\$550,000	\$500,000	-\$50,000	-9.09%
Consulting	\$225,000	\$230,000	\$5,000	2.22%
Solids Disposal/Grit Screening	\$1,143,800	\$1,252,500	\$108,700	9.50%
Engineering	\$350,000	\$395,000	\$45,000	12.86%
Other Contracted Services	\$869,450	\$869,950	\$500	0.06%
Office & Advertising	\$209,850	\$226,850	\$17,000	8.10%
Strategic Plan	\$15,000	\$0	-\$15,000	-100.00%
Dues and Conferences	\$72,050	\$104,250	\$32,200	44.69%
Edgmont Treatment	\$135,000	\$140,000	\$5,000	3.70%
Education and Training	\$126,700	\$155,900	\$29,200	23.05%
Contingency	\$700,000	\$700,000	\$0	0.00%
Capital Reserve PWD and Chester LTCP	\$7,000,000	\$7,000,000	\$0	0.00%
Capital Reserve Replacing Capital Assets	\$1,198,285	\$3,288,309	\$2,090,024	174.42%
Total Expenses	<u>\$62,533,993</u>	<u>\$66,528,097</u>	<u>\$3,994,104</u>	<u>6.39%</u>

NC = Not Calculable

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2019 BUDGET SUMMARY

EXPENSE BY DEPARTMENT

	<u>2018</u>	<u>2019</u>	<u>\$ Change</u>	<u>% Change</u>
Expense:				
Administration, IT, Engineering				
Total	\$6,864,135	\$6,990,030	\$125,895	1.83%
Debt Service:				
Total	\$12,050,000	\$12,750,000	\$700,000	5.81%
Operations and Maintenance:				
Eastern Delaware County:				
Pump Stations	\$1,322,335	\$1,308,236	-\$14,099	-1.07%
Philadelphia Treatment	\$10,875,452	\$11,187,262	\$311,810	2.87%
Total East Expenses	<u>\$12,197,787</u>	<u>\$12,495,498</u>	<u>\$297,711</u>	<u>2.44%</u>
Western Delaware County:				
Western Regional Treatment Plant	\$12,577,580	\$12,935,558	\$357,978	2.85%
Industrial Pretreatment	\$468,145	\$494,338	\$26,193	5.60%
Central Lab	\$634,801	\$673,878	\$39,077	6.16%
Chester Pump Station	\$404,932	\$407,715	\$2,783	0.69%
Sewer Maintenance	\$2,342,355	\$2,491,450	\$149,095	6.37%
Chester Area Lift Stations	\$122,715	\$122,872	\$157	0.13%
Eddystone Pump Station	\$75,132	\$83,568	\$8,436	11.23%
Customer Revenue (Billing)	\$738,867	\$685,073	-\$53,794	-7.28%
Marcus Hook/Lower Chi	\$134,524	\$131,897	-\$2,627	-1.95%
Trainer Pump Stations	\$35,971	\$37,932	\$1,961	5.45%
Remote Locations	\$1,503,651	\$1,567,565	\$63,914	4.25%
Sludge Processing	\$2,749,500	\$2,902,250	\$152,750	5.56%
Southern Pump Stations	\$39,753	\$38,386	-\$1,367	-3.44%
Chester Ridley Creek	\$359,866	\$397,489	\$37,623	10.45%
Edgmont	\$335,994	\$334,289	-\$1,705	-0.51%
Contingency	\$700,000	\$700,000	\$0	0.00%
Total West Expenses	<u>\$23,223,786</u>	<u>\$24,004,260</u>	<u>\$780,474</u>	<u>3.36%</u>
Total Expenses	<u><u>\$54,335,708</u></u>	<u><u>\$56,239,788</u></u>	<u><u>\$1,904,080</u></u>	<u><u>3.50%</u></u>
Expenses Without Debt Service	<u><u>\$42,285,708</u></u>	<u><u>\$43,489,788</u></u>	<u><u>\$1,204,080</u></u>	<u><u>2.85%</u></u>

**DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY**

2019

ESTIMATE OF SERVICE CHARGES

FOR

CENTRAL DELAWARE COUNTY AUTHORITY

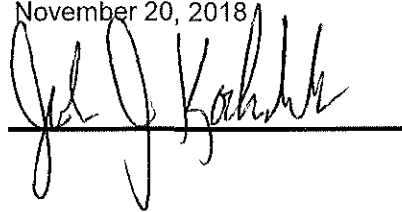
DARBY CREEK JOINT AUTHORITY

MUCKINIPATES AUTHORITY

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

Adopted by Board: November 20, 2018

Approved by
Consulting Engineer:



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**2019
ESTIMATE
SERVICE CHARGE**

To: Central Delaware County Authority

Statement of Estimates of Service Charge for
Calendar Year 2019 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	<u>2018</u>	<u>2019</u>
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$31,119,900	\$32,752,363
2. Estimated Amount to be Paid to DELCORA During Year	\$9,103,100	\$9,619,575
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	\$9,103,100	\$9,619,575
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	<u>\$9,103,100</u>	<u>\$9,619,575</u>

Payment of Above Due as Follows:

March 31, 2019	\$2,404,894
June 30, 2019	\$2,404,894
September 30, 2019	\$2,404,894
December 31, 2019	<u>\$2,404,894</u>
 Total	 <u>\$9,619,575</u>

**2019
ESTIMATE
SERVICE CHARGE**

To: Darby Creek Joint Authority

Statement of Estimates of Service Charge for
Calendar Year 2019 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	2018	2019
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$31,119,900	\$32,752,363
2. Estimated Amount to be Paid to DELCORA During Year	\$17,782,800	\$18,781,075
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	\$17,782,800	\$18,781,075
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$17,782,800	\$18,781,075

Payment of Above Due as Follows:

March 31, 2019	\$4,695,269
June 30, 2019	\$4,695,269
September 30, 2019	\$4,695,269
December 31, 2019	\$4,695,269
Total	\$18,781,075

**2019
ESTIMATE
SERVICE CHARGE**

To: Muckinipates Authority

Statement of Estimates of Service Charge for
Calendar Year 2019 per Section 3.06 of
Service Agreement Dated December 1, 1973
(plus subsequent amendments)

	2018	2019
1. Estimated Operating and Capital costs of DELCORA for Eastern Delaware County System	\$31,119,900	\$32,752,363
2. Estimated Amount to be Paid to DELCORA During Year	\$4,234,000	\$4,351,713
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	\$4,234,000	\$4,351,713
5. Amount Due as Result of any Prior Year's Bill not Paid Plus Interest	\$0	\$0
Total Due for Year	\$4,234,000	\$4,351,713

Payment of Above Due as Follows:

March 31, 2019	\$1,087,928
June 30, 2019	\$1,087,928
September 30, 2019	\$1,087,928
December 31, 2019	\$1,087,928
Total	\$4,351,713