

Rockaway Valley Regional Sewerage Authority - 2021 Participant Charge

Utilizing 3 Year Average Daily Flow 2018-2020 with Adjustment of Unmetered Areas

Utilizing The Stipulation of Settlement Formula 6 (C)

Date: 12/09/20

	(A) Operation, Maintenance And Upkeep	(B) Prior Year Flow Adjustment	(A)+(B)=(C) Estimated 2021 Billing Prior To JC Deficiency	(D) Estimated 2021 JC Deficiency- Debt Services	(E) Estimated 2021 JC Deficiency- Litigation Expenses Credit	(C)+(D)+(E)=(F) Estimated 2021 Billing	(G) 2020 Invoiced to Towns	(F)-(G) Increase Decrease (+/-)
Town of Boonton	\$388,626	\$48,280	\$436,906	\$55,182	\$20,395	\$512,483	\$499,166	\$13,317
Boonton Township	\$80,380	(\$2,262)	\$78,118	\$7,601	\$1,744	\$87,462	\$86,484	\$978
Township of Denville	\$640,067	\$92,704	\$732,771	\$83,924	\$29,072	\$845,767	\$634,535	\$211,231
Town of Dover	\$1,025,590	\$8,305	\$1,033,895	\$151,722	\$57,779	\$1,243,395	\$1,371,507	(\$128,111)
Randolph Township	\$986,110	\$32,010	\$1,018,121	\$73,786	\$8,758	\$1,100,665	\$1,052,803	\$47,862
Rockaway Borough	\$132,361	(\$17,678)	\$114,683	\$41,450	\$21,652	\$177,785	\$213,046	(\$35,261)
Rockaway Township	\$1,720,617	(\$28,532)	\$1,692,084	\$140,746	\$23,071	\$1,855,902	\$1,859,069	(\$3,167)
Victory Gardens	\$110,984	(\$366)	\$110,618	\$12,783	\$3,892	\$127,293	\$135,238	(\$7,945)
Borough of Wharton	\$564,563	\$646	\$565,209	\$59,318	\$16,097	\$640,624	\$660,591	(\$19,966)
Sub-Total	\$5,649,298	\$133,107	\$5,782,405	\$626,511	\$182,460	\$6,591,376	\$6,512,440	\$78,936
Jersey City	\$4,597,412	(\$133,107)	\$4,464,305	(\$736,079)**	(\$182,460)	\$3,545,766	\$3,270,032	\$275,734
Mine Hill	\$106,717		\$106,717					
Picatinny	\$136,416		\$136,416					
Grand Total	\$10,489,843		\$10,489,843					

** This estimated sum includes the portion of payments due from Jersey City in 2020 for operating, maintenance, repair and upkeep costs attributable to the BioSolids Project, Interceptor Rehabilitation Project, PT Facilities Modification Project, Monroe St. Pumping Station & Force Main & Morris Ave. Gravity Sewer Project, West Main Street Project and Estimated 1/2 year amount of Final Clarifier Repair Project, in the amount of \$626,511, and the debt reserve amount of \$109,568.

Rockaway Valley Regional Sewerage Authority
Schedule of Three Year Average Daily Wastewater Meter Readings
And Charges To Each Participating Municipality For The Period Ended
Three Years Ended September 30, 2020, 2019 And 2018 with Adjustment of Unmetered Areas

Date: 12/09/20

Participant	Budget Three Years Average		Actual Three Years Average		Budget			Actual			(Credit)/ Additional Charge
	Average Daily Flow (Gallons)	Percentage of Total Average Daily Flow	Average Daily Flow (Gallons)	Percentage of Total Average Daily Flow	Estimated Charges			Adjusted Charges			
					Total	Jersey City	Municipalities	Total	Jersey City	Municipalities	
Town of Boonton	823,561	8.470%	882,894	8.808%	\$838,089	\$511,352	\$326,737	\$871,491	\$496,474	\$375,017	\$48,280
Boonton Township	121,429	1.249%	121,608	1.213%	\$123,571	\$43,714	\$79,857	\$120,037	\$42,442	\$77,595	(\$2,262)
Township of Denville	1,232,175	12.673%	1,342,749	13.395%	\$1,253,911	\$728,905	\$525,006	\$1,325,407	\$707,697	\$617,710	\$92,704
Town of Dover	2,387,862	24.559%	2,427,492	24.217%	\$2,429,985	\$1,448,661	\$981,324	\$2,396,139	\$1,406,510	\$989,629	\$8,305
Randolph Township	1,119,926	11.518%	1,180,551	11.777%	\$1,139,682	\$219,587	\$920,096	\$1,165,303	\$213,197	\$952,106	\$32,010
Rockaway Borough	676,163	6.954%	663,183	6.616%	\$688,091	\$542,867	\$145,224	\$654,618	\$527,071	\$127,546	(\$17,678)
Rockaway Township	2,228,851	22.924%	2,251,891	22.465%	\$2,268,169	\$578,448	\$1,689,721	\$2,222,806	\$561,617	\$1,661,189	(\$28,532)
Victory Gardens	201,526	2.073%	204,517	2.040%	\$205,081	\$97,594	\$107,487	\$201,876	\$94,754	\$107,121	(\$366)
Borough of Wharton	931,473	9.580%	949,066	9.468%	\$947,905	\$403,592	\$544,313	\$936,808	\$391,849	\$544,959	\$646
Total	9,722,966	100.000%	10,023,951	100.000%	\$9,894,485	\$4,574,719	\$5,319,766	\$9,894,485	\$4,441,612	\$5,452,873	\$133,107
	(A)		(B)		(C)			(C)			

(A) Based on The Average of The Actual Flows For The Year of 19, 18, 17

(B) Based on The Average of The Actual Flows For The Year of 20, 19, 18

(C) Allocated Based on Stipulation of Settlement.

Rockaway Valley Regional Sewerage Authority

2021 Operation, Maintenance And Upkeep with Adjustment of Unmetered Areas

Utilizing 3 Years Average Flow - 20, 19, 18

Date: 12/09/20

Participant	Stipulation Settlement		3 Years Average Daily Flow Metered Flows				
	Flows (GPD)	Percentage	Gallonge	Percentage	Total	Jersey City	Municipalities
Town of Boonton	503,000	11.178%	882,894	8.808%	\$902,514	\$513,889	\$388,626
Boonton Township	43,000	0.956%	121,608	1.213%	\$124,310	\$43,931	\$80,380
Township of Denville	717,000	15.933%	1,342,749	13.395%	\$1,372,588	\$732,521	\$640,067
Town of Dover	1,425,000	31.667%	2,427,492	24.217%	\$2,481,437	\$1,455,847	\$1,025,590
Randolph Township	216,000	4.800%	1,180,551	11.777%	\$1,206,786	\$220,676	\$986,110
Rockaway Borough	534,000	11.867%	663,183	6.616%	\$677,921	\$545,560	\$132,361
Rockaway Township	569,000	12.644%	2,251,891	22.465%	\$2,301,934	\$581,317	\$1,720,617
Victory Gardens	96,000	2.133%	204,517	2.040%	\$209,062	\$98,078	\$110,984
Borough of Wharton	397,000	8.822%	949,066	9.468%	\$970,157	\$405,594	\$564,563
Sub-Total	4,500,000	100.000%	10,023,951		\$10,246,710	\$4,597,412	\$5,649,298
Mine Hill			106,934	1.041%	\$106,717		\$106,717
Picatinny			136,694	1.331%	\$136,416		\$136,416
Grand Total			10,267,579		\$10,489,843	\$4,597,412	\$5,892,431

2021 COST DISTRIBUTION

		Jersey City Share:	Jersey City	Participants
Operations & Maintenance Budgeted		4.5MGD/Actual Flow *Cost	\$4,597,412	\$5,892,431
Participants	\$10,246,710	Total	\$4,597,412	\$5,892,431
User Charges(Picatinny and Mine Hill)	\$243,133			
Total	\$10,489,843			
Less: Picatinny and Mine Hill	\$243,133			
Net	\$10,246,710			
Total: Participants Charges	\$10,546,710			
Less: Retained Earning Utilized for Operations	\$300,000			
Operations & Maintenance Budgeted	\$10,246,710			

2021 Distribution of Costs of JC Debt Service with Adjustment of Unmetered Areas

(For discussion purpose)

Utilizing 3 Years Average Flow - 20, 19, 18

Date: 12/09/20

Participant	Stipulation Settlement		3 Years Average Daily Flow Metered Flows		Distribution of Costs JC Debt Services		
	Flows (GPD)	Percentage	Gallage	Percentage	Total	Jersey City	Municipalities
Town of Boonton	503,000	11.178%	882,894	8.808%	\$55,182	\$0	\$55,182
Boonton Township	43,000	0.956%	121,608	1.213%	\$7,601	\$0	\$7,601
Township of Denville	717,000	15.933%	1,342,749	13.395%	\$83,924	\$0	\$83,924
Town of Dover	1,425,000	31.667%	2,427,492	24.217%	\$151,722	\$0	\$151,722
Randolph Township	216,000	4.800%	1,180,551	11.777%	\$73,786	\$0	\$73,786
Rockaway Borough	534,000	11.867%	663,183	6.616%	\$41,450	\$0	\$41,450
Rockaway Township	569,000	12.644%	2,251,891	22.465%	\$140,746	\$0	\$140,746
Victory Gardens	96,000	2.133%	204,517	2.040%	\$12,783	\$0	\$12,783
Borough of Wharton	397,000	8.822%	949,066	9.468%	\$59,318	\$0	\$59,318
Sub-Total	4,500,000	100.000%	10,023,951		\$626,511	\$0	\$626,511
Mine Hill			106,934	1.041%	\$0		
Picatinny			136,694	1.331%	\$0		
Grand Total			10,267,579		\$626,511	\$0	\$626,511

Cost Distribution

Jersey City Share:

Municipal Share:

Total Jersey City Debt Service:	\$626,511	4.5MGD/Actual Flow *Cost	\$0	\$626,511
Municipality Debt Services				
		Total	\$0	\$626,511

Jersey City Share's of Rehabilitation Projects:

Formula 6 (C) : 4.5MGD/Actual Flow *Cost	4.5MGD/10,267,579*\$1,429,500 =	\$626,511
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ROCKAWAY VALLEY REGIONAL SEWERAGE AUTHORITY**Distribution of 2021 JC Litigation Expenses Credit Based on the Settlement Percentage****(For discussion purpose)****Utilizing 3 Years Average Flow - 20, 19, 18****Date: 12/09/20**

	Stipulation Settlement		3 Years Average Daily Flow Metered Flows		Distribution of Costs JC Litigation Credit		
Participant	Flows (GPD)	Percentage	Gallongage	Percentage	Total	Jersey City	Municipalities
Town of Boonton	503,000	11.178%	882,894	8.808%	\$20,395	\$0	\$20,395
Boonton Township	43,000	0.956%	121,608	1.213%	\$1,744	\$0	\$1,744
Township of Denville	717,000	15.933%	1,342,749	13.395%	\$29,072	\$0	\$29,072
Town of Dover	1,425,000	31.667%	2,427,492	24.217%	\$57,779	\$0	\$57,779
Randolph Township	216,000	4.800%	1,180,551	11.777%	\$8,758	\$0	\$8,758
Rockaway Borough	534,000	11.867%	663,183	6.616%	\$21,652	\$0	\$21,652
Rockaway Township	569,000	12.644%	2,251,891	22.465%	\$23,071	\$0	\$23,071
Victory Gardens	96,000	2.133%	204,517	2.040%	\$3,892	\$0	\$3,892
Borough of Wharton	397,000	8.822%	949,066	9.468%	\$16,097	\$0	\$16,097
Sub-Total	4,500,000	100.000%	10,023,951		\$182,460	\$0	\$182,460
Mine Hill			106,934	1.041%			
Picatinny			136,694	1.331%			
Grand Total			10,267,579		\$182,460	\$0	\$182,460

2020 Estimated JC Litigation Expenses Credit**Jersey City Share: Municipal Share:**

Estimated Monthly Litigation Expenses Credit	\$15,205	4.5MGD/Actual Flow *Cost	\$0	\$182,460
Estimated Yearly Litigation Expenses Credit	\$182,460	Total	\$0	\$182,460