December 18, 2009

To the Joint Meeting

Ladies and Gentlemen:

ANNUAL REPORT OF THE SEWAGE CONTRIBUTION
OF THE MUNICIPALITIES ORGANIZED IN
JOINT MEETING (FOR THE PURPOSE OF
ASSESSMENT FOR THE YEAR 2010)

I present herewith the 75th Annual Report for the eleven municipalities organized in Joint Meeting, covering their respective contribution to Section One of the Supplementary Joint Trunk Sewer and to the Treatment Plant, as called for under the terms of the 1926 Contract.

Article X of the 1926 Contract requires that an estimate be made for the purpose of assessing the costs of maintenance and operation each year.

In order that the amount of work necessary for the preparation of this estimate be completed in time for consideration by the Joint Meeting before the date specified by law for the adoption of the new budget, it has been customary to use the twelve-month period immediately prior thereto as the basis of consideration for the assessment purpose only.

You will please note that this is the first of the two Annual Reports prepared each year, and that it covers the twelve-month period from November 1, 2008 through October 31, 2009. Subsequently, at the beginning of each succeeding year, a second and final report is prepared covering the previously completed calendar year, which coincides with the fiscal year of the Joint Meeting.

Pursuant to the Federal Water Pollution Control Act Amendments of 1972, PL 92-500 and as a requirement of our Construction Grant for the expansion in Secondary Treatment, a "User Charge System" is used to apportion the operation and maintenance costs for the Joint Meeting for 2010. During the year 1978, a User Charge System was prepared and adopted by the member municipalities and is entitled "An Ordinance Establishing and Defining User Charges in Connection with the Collection and Treatment of Wastewater and Providing for the Payment of Said User Charges". During the year 2009, this "User Charge System" was utilized by the various municipalities for collection of the charges associated with the operation and maintenance of the trunk sewer system, the treatment plant, and the Sludge Dewatering Facility, the percentage of assessment based upon a report dated December 19, 2008.

During 2009, the various municipalities computed the actual dwelling units for each of their respective towns in accordance with the revised schedule included in the Sewer Use Ordinance. Table II depicts the new (2010) dwelling unit figures formulated by each municipality in 2009.

It should be noted that the methodology used to assess the City of Elizabeth for services rendered by the Joint Meeting is based on quantity and quality of sewage as measured at the Trenton Avenue Pumping Station, plus the Equivalent Dwelling Units (EDU's) tributary to the gravity Joint Meeting sewer through the Elmora Avenue Area in Elizabeth, plus the tributary area from the City of Linden. This methodology was approved by the Joint Meeting and the Elizabeth City Council. The percentage used in this assessment report for the City will be based upon a twelve (12) month, 365 day period of November 1, 2008, through October 31, 2009 and projected for a twelve (12) month period in 2010. This allocation will be assessed and paid in accordance with the member municipalities billing procedure. Then, based on the analysis of the samples taken at the Trenton Avenue Pumping Station, an adjustment is made (on a quarterly basis) to the percent allocation from the City. At the end of 2010, utilizing twelve (12) months of data, the actual percent contribution by the City will be calculated and certified thereto.

The accompanying computations include the total Dwelling Unit number of 47,181 for the City. (This Equivalent Dwelling Unit number was computed by Elson T. Killam Associates during the period November 8, 1979 and December 12, 1979 and revised by the City Engineer on February 9, 1982).

USER CHARGE APPORTIONMENT

Set forth below are the basis factors concerning flow, waste characteristics and projected cost of operations of the Facilities derived for the 365 day period from November 1, 2008, through October 31, 2009, and projected for 2010 and are based upon actual 2008-2009 operating statistics as well as a recent upgraded 2009 industrial waste survey. The industrial waste figures take into consideration actual yearly operational time for each industry (i.e., 5 day or 7 day working week, etc.).

1.	Flow	21,353.4280	MG/Year	58.5025 MGD
2.	BOD	16,179.5264	Tons/Year	88,654.9392 Lbs/Day
	TSS	12,774.7405	Tons/Year	69,998.5781 Lbs/Day

3.	Estimated Industrial Flow	686.5840	MG/Year	1.8811 MGD
4.	Estimated Industrial BOD	3,908.7232	Tons/Year	21,417.6614 Lbs/Day
5.	Estimated Industrial TSS	700.9280	Tons/Year	3,840.7014 Lbs/Day

6. Estimated Total Operating Expenses in 2010

$17,109,718	STP
6,558,212	SDWF
528,915	SDF
637,455	Sewers
$24,834,300	Total

7. Estimated Total Dwelling Units in System

151,451	JM Members
47,181	Elizabeth
198,632	Total

In addition to the foregoing, it has been determined that the following cost allocations would fairly represent the actual costs of treatment.

Flow	31.3066972%
BOD	44.8389511%
Suspended Solids	23.8543517%

The basis for these cost allocations is set forth in Appendix A.

Based upon the foregoing allocations, Table I has been prepared which shows the projected and estimated flow and waste characteristics for 2010 and the projected estimated cost allocation between domestic sewage treated from residential and commercial establishments, and the industrial waste treatment reflecting industrial flow from industries in the collection system. This system takes into consideration the fact that the City of Elizabeth does not use the trunk sewer and will accordingly not be charged for its use. The trunk sewer charge is assessed only against member municipalities, and their respective industries.

Table I
Joint Meeting of Essex & Union Counties
Estimated Flow Waste Characteristics and Cost Allocation for Treatment in 2010

Treatment Plant

	Total for 2010		Domestic & Commercial		Industrial	
Flow	21,353.4280	MG/Yr.[1]	20,666.8440	MG/Yr.	686.5840	MG/Yr.
BOD	16,179.5264	Tons/Yr.[1]	12,270.8032	Tons/Yr.	3,908.7232	Tons/Yr.
Suspended Solids	12,774.7405	Tons/Yr.[1]	12,073.8125	Tons/Yr.	700.9280	Tons/Yr.

(1) Based upon data from November 1, 2008 thru October 31, 2009 (365 days)

Cost Allocation

	Total for 2010	Domestic & Commercial	Industrial
Flow	$7,575,233.00	$7,331,664.00	$243,569.00
BOD	10,849,611.50	8,228,513.00	2,621,098.50
Suspended Solids	5,772,000.50	5,455,301.00	316,699.50
	$24,196,845.00	$21,015,478.00	$3,181,367.00
	100.000000%	86.85214130%	13.14785870%

Elizabeth Contribution

Flow	-	5,690.7550	MG/Yr.
BOD	-	6,542.9320	Tons/Yr.
TSS	-	3,371.9337	Tons/Yr.

Trunk Sewer Flow [1]

Total for 2010		Domestic & Commercial		Industrial	
15,662.6730	MG/Yr.[2]	15,212.9890	MG/Yr.	449.684	MG/Yr.

(1) Based upon data from November 1, 2008 thru October 31, 2009 (365 days)
(2) (21,353.428 - 5,690.7550)

COST ALLOCATION

$637,455.00	$619,153.31	$18,301.69

Member municipalities will be assessed $4.09 ($619,153.31/151,451) for trunk sewer O&M per equivalent dwelling unit.

The estimated cost for treating industrial wastes has been determined to be $354.75 per MG for flow, $670.58 per ton of BOD, and $451.83 per ton of suspended solids. These estimates are predicated upon the cost allocation to industry and the estimates of flow and strength characteristics of the industrial waste, all as indicated on Table I. These costs were determined as follows:

Flow	$243,569.00	/	686.5840 =	$354.7548443 /MG
BOD	$2,621,098.50	/	3,908.7232 =	$670.5766476 /Ton
Suspended Solids	$316,699.50	/	700.9280 =	$451.8288612 /Ton

All industries within the member municipalities (excluding Elizabeth) will be required to pay an additional $40.70/MG of flow for trunk sewer use ($18,301.69/449.684 = $40.699/MG). This brings the total flow cost to $395.46/MG ($354.755 + $40.70) for the indicated industries of member municipalities.

Based upon the user charges for 2010, a computation has been made to show the budget prepayment for each municipality of the Joint Meeting. These estimates are subject to revision annually, dependent upon the actual number of dwelling units which must be determined for each municipality in accordance with the schedule of dwelling units set forth in the ordinance. In addition thereto, the computation for the industrial user charges has been based upon actual calculations of flow and waste characteristics for the industries in the district as a result of the 2009 industrial waste survey of the service area. These are estimates for 2010 and must be verified on an annual basis to reflect the actual flow and waste characteristics.

The basis for the industrial waste flow and characteristics are set forth in Appendix B of this report. The dwelling unit figures have been compiled by each municipality with the exception of Elizabeth in accordance with the revised Schedule of Dwelling Units incorporated into the User Charge Ordinance.

Table VII sets forth the cost to each municipality to establish the budget requirements of $24,834,300 for 2010. However, it should be noted that in accordance with the Agreement between the Joint Meeting and the City of Elizabeth noted previously, and as a result of the monitoring of the Trenton Avenue Pumping Station, the City would provide for 34.6282226% of the treatment plant, sludge dewatering facility and sludge drying facility budgets initially with adjustments made quarterly. Upon completion and verification of the quality and quantity of the City's contribution as measured at the Trenton Avenue Pumping Station, plus the EDU's from the Elmora Avenue area, plus the City of Linden's contribution, an adjustment will then be made for the member municipalities.

Table II
Joint Meeting of Essex and Union Counties
Annual Report of the Sewer Contribution of the Municipalities
Municipality Dwelling Units and Industrial User Charge
2010

Municipality	Dwelling Units [1]	User Charges Industrial
East Orange	7,215	$ -
Hillside	8,530	471,381
Irvington	27,196	60,750
Maplewood	9,570	321,155
Millburn	9,817 [4]	-
Newark	17,427	-
Roselle Park	4,748	565
South Orange	7,882	-
Summit	14,187 [2]	76,331 [3]
Union	24,986	259,964
West Orange	19,893	-
Elizabeth	47,181	2,009,521
	198,632	$ 3,199,667

(1) Based on actual calculation and verification by Municipalities; City of Elizabeth computed by Elson T. Killam Associates in 1979 and updated by City Engineer on February 9, 1982.
(2) Includes New Providence (3685)
(3) Includes Murray Hill
(4) Includes Livingston (409)

Table III
Joint Meeting of Essex and Union Counties
Computation of Estimated Percent
Contribution By City of Elizabeth
For Period 11/1/2008-10/31/2009 and Projected Contribution for 2010

	Treatment Plant	Elizabeth Pumping Station		Joint Meeting	
Flow:	21,353.428 MG	5,690.755 MG		15,662.673 MG	
		Industrial	***D&C***	***Industrial***	***D&C***
		217.464	5,473.291	449.684	15,212.989
		$ 77,146.41	$ 1,941,676.50	$ 177,829.27	$ 6,016,035.01
Unit Charge	$ 354.7548443 **Per MG** for Elizabeth				
Unit Charge	$ 395.4538463 **Per MG** for Joint Meeting				
BOD:	16,179.5264 Tons	6,542.932 Tons		9,636.5944 Tons	
		Industrial	***D&C***	***Industrial***	***D&C***
		2,477.4864	4,065.4456	1,345.2447	8,291.3497
		$ 1,661,344.52	$ 2,726,192.88	$ 902,089.68	
Unit Charge	$670.5766476 **Per Ton**				
TSS:	12,774.7405 Tons	3,371.9337 Tons		9,402.8068 Tons	
		Industrial	***D&C***	***Industrial***	***D&C***
		441.8114	2,930.1223	243.9606	9,158.8462
		$ 199,623.14	$ 1,323,913.82	$ 110,228.44	
Unit Charge	$451.8288612 **Per Ton**				
			$ 7,929,897.27	$ 1,190,147.39	

City of Elizabeth (Contribution from Pumping Station)			$ 7,929,897.27
City of Elizabeth (Industry Tributary to Joint Meeting Trunk)			
Flow:	19.4360 MG/Year at	$ 354.7548443	6,895.02
BOD:	85.9921 Tons/Year at	670.5766476	57,664.29
TSS:	15.156 Tons/Year at	451.8288612	6,847.92
Joint Meeting Industrial			1,190,147.39
Subtotal			$ 9,191,451.89
Total 2009 Budget		$ 24,834,300.00	
Subtotal (above)		(9,191,451.89)	
Subtotal (EDU's)		$ 15,642,848.11	

Joint Meeting EDU's (X + Y) + Elmora EDU's (X)=			$ 15,642,848
(Y = Additional Assessment to Member Municipalities for Trunk Sewer O&M)			
151,451 (X + $4.088142766) + 3905 (X) =		$ 15,642,848	
Equivalent Units-Member Municipalities		151,451	
Elmora EDU's =	3,905	$ 96.7049537840	Per Unit = X
		$100.7930965500	Per Unit = X+Y
Joint Meeting EDU Assessment		$ 15,265,215.27	
Elmora Area Assessment		$ 377,632.84	

Total Anticipated Payment from the City of Elizabeth

Pumping Station	$ 7,929,897.27
Elmora EDU's	377,632.84
Elmora Industrial	71,407.23
	$ 8,378,937.34

Total Anticipated Payment from Member Municipalities

EDU's	15,265,215.27
Industrial	1,190,147.39
	$ 16,455,362.66

Estimated Percent Contribution of Treatment Plant, Sludge Dewatering and Sludge Drying Facility Budgets by City of Elizabeth

$ 8,378,937.34 / $ 24,196,845.00 = 34.6282226%

Table IV

Joint Meeting of Essex and Union Counties

Percent Allocation of Infiltration / Inflow

Municipality	Capacity By Contract (MGD)	Capacity By Contract (Percent)	Base Year - 1982 Phase IIB - SSES [1] Infiltration (GPD) [3]	(Percent)	SSES - November 2009 (GPD) [4]	(Percent)	Base Year - 1982 Phase IIB - SSES [2] Inflow (GPD)	(Percent)	SSES - November 2009 (GPD) [5]	(Percent)
					35,742				268,451	
East Orange	5.50	4.88%	70,747	2.11%	44,022	2.18%	3,007,440	5.79%	218,160	0.53%
					26,889				1,463,818	
Hillside	12.20	10.83%	79,012	2.36%	32,980	1.64%	1,185,120	2.28%	1,185,120	2.89%
					647,791				9,613,585	
Irvington	18.61	16.52%	1,115,672	33.31%	797,026	39.51%	8,612,640	16.57%	7,791,840	18.98%
					162,153				2,638,924	
Maplewood	7.08	6.29%	389,078	11.62%	199,485	9.89%	5,449,680	10.48%	2,137,680	5.21%
					123,787				2,942,831	
Millburn	6.00	5.33%	191,609	5.72%	152,240	7.55%	2,729,520	5.25%	2,384,640	5.81%
					150,020				2,405,929	
Newark	15.50	13.76%	234,484	7.00%	184,463	9.15%	1,959,540	3.77%	1,951,200	4.75%
					52,958				1,945,003	
Roselle Park	9.44	8.38%	106,187	3.17%	65,147	3.23%	1,576,080	3.03%	1,576,080	3.84%
					68,206				2,502,166	
South Orange	7.00	6.22%	410,876	12.27%	83,906	4.16%	2,183,760	4.20%	2,027,520	4.94%
					52,794				2,309,692	
Summit	7.50	6.66%	171,657	5.13%	64,916	3.22%	3,651,120	7.02%	1,872,720	4.56%
					193,468				16,248,883	
Union	10.30	9.14%	329,127	9.83%	238,013	11.80%	14,534,640	27.96%	13,170,240	32.08%
					125,918				8,311,852	
West Orange	13.50	11.99%	250,811	7.48%	154,847	7.68%	7,097,040	13.65%	6,744,600	16.41%
					1,639,726				50,651,134	
	112.63	100.00%	3,349,260	100.00%	2,017,045	100.01%	51,986,580	100.00%	41,059,800	100.00%

(1) Identified by Hazen & Sawyer Phase IIB SSES (pg. S-2) with trunk sewer infiltration allocated based on contract capacity.

(2) Identified by Hazen & Sawyer Phase IIB SSES (pg. S-3)

(3) "Base Year - 1982" Infiltration: 3.35 MGD / 52.79 MGD = 6.346%

(4) 2009 - Infiltration related to base year total = 2.017 MGD / 52.79 MGD = 3.82079939%

- Adjusted for period 11/1/2008 - 10/31/2009; (3.82079939% x 15,662.6730 = 598.44 MG / Year / 365 = 1,639,726 GPD)

(5) 2009 inflow adjusted for period 11/1/2008 - 10/31/2009 - (40.98" / 33.22") x (41,059,800) = 50,651,134 GPD

Table IV - A
Joint Meeting of Essex and Union Counties
Adjusted 2009 - Summary of Infiltration and Inflow

Municipality	Phase IIB SSES Infiltration (GPD)	2008 Infiltration (GPD)	2009 Infiltration Removed (GPD)	2009 Infiltration (GPD)	Phase IIB SSES Inflow (GPD)	2008 Inflow (GPD)	2009 Inflow Removed (GPD)	2009 Inflow (GPD)
East Orange	70,747	44,022	-	44,022	3,007,440	218,160	-	218,160
Hillside	79,012	32,980	-	32,980	1,185,120	1,185,120	-	1,185,120
Irvington	1,115,672	797,026	-	797,026	8,612,640	7,791,840	-	7,791,840
Maplewood	389,078	199,485	-	199,485	5,449,680	2,137,680	-	2,137,680
Millburn	191,609	152,240	-	152,240	2,729,520	2,384,640	-	2,384,640
Newark	234,484	184,463	-	184,463	1,959,540	1,951,200	-	1,951,200
Roselle Park	106,187	65,147	-	65,147	1,576,080	1,576,080	-	1,576,080
South Orange	410,876	83,906	-	83,906	2,183,760	2,059,920	32,400	2,027,520
Summit	171,657	64,916	-	64,916	3,651,120	1,872,720	-	1,872,720
Union	329,127	238,013	-	238,013	14,534,640	13,170,240	-	13,170,240
West Orange	250,811	154,847	-	154,847	7,097,040	6,744,600	-	6,744,600
Total	3,349,260	2,017,045	-	2,017,045	51,986,580	41,092,200	32,400	41,059,800

Table V

Joint Meeting of Essex and Union Counties

Cost Allocation - Flow, BOD & TSS with Infiltration / Inflow

			Total	Domestic & Commercial		Industrial
Flow			15,662.6730 MG	15,212.9890 MG		449.6840 MG
			$5,744,828.00	$5,566,998.73		$177,829.27
Infiltration		3.8207994%	598.44	581.26	$212,704.66	17.18
Inflow		10.7903038%	1,690.05	1,641.53	$600,696.91	48.52
BOD	at	$670.5766476 **Per Ton**	9,636.5944 Tons	8,291.3497 Tons		1,345.2447 Tons
			$6,462,075.17	$5,559,985.49		$902,089.68
TSS	at	$451.8288612 **Per Ton**	9,402.8068 Tons	9,158.8462 Tons		243.9606 Tons
			$4,248,459.49	$4,138,231.05		$110,228.44
Total			$16,455,362.66 [1]	$15,265,215.27		$1,190,147.39

(1) Amount anticipated from Members after allocation of 34.6282226% to City of Elizabeth $ 8,378,937.34

"Base Year - 1982"

Infiltration: 3.35 MGD / 52.79 MGD = 6.34590% (Per H&S Phase IIB Report)

Inflow: 113 MGD (Excluding Elizabeth) / 137 MGD (Total) = 82.4817518% 1 inch of rain = 50 mg of inflow (Per H&S Phase IIB Report)

"2008 - 2009"

Infiltration: 2.017 MGD/52.79MGD = 3.82079939% **X** 15,662.6730 598.44 MG / Year

(November 1, 2008 - October 31, 2009)

Inflow: Rainfall = 40.98 Inches X 50 MG X 82.482% 1,690.05 MG / Year

Total D&C	$15,265,215.27
Less: Infiltration	(212,704.66)
Less: Inflow	(600,696.91)
Net after infiltration and inflow	**$14,451,813.70**
Equivalent Dwelling Units	151,451
User Charge Per Unit	$95.4223722524117

Table VI
Joint Meeting of Essex and Union Counties
Estimated Annual Operation Expenses To Member Municipalities
2010

	Domestic & Commercial							
		User Charge						
	Dwelling	$ 95.42237225	Infiltration		Inflow			
Municipality	Units	Per Unit	Percent [1]	Amount	Percent [2]	Amount	Total Cost	Unit Cost
East Orange	7,215	$688,472.42	2.18%	$4,636.96	0.53%	$3,183.69	$696,293.07	$96.5063
Hillside	8,530	813,952.84	1.64%	3,488.36	2.89%	17,360.14	834,801.34	97.8665
Irvington	27,196	2,595,106.84	39.51%	84,039.61	18.98%	114,012.27	2,793,158.72	102.7048
Maplewood	9,570	913,192.10	9.89%	21,036.49	5.21%	31,296.31	965,524.90	100.8908
Millburn	9,817 [3]	936,761.43	7.55%	16,059.20	5.81%	34,900.49	987,721.12	100.6133
Newark	17,427	1,662,925.68	9.15%	19,462.48	4.75%	28,533.10	1,710,921.26	98.1765
Roselle Park	4,748	453,065.42	3.23%	6,870.36	3.84%	23,066.76	483,002.54	101.7276
South Orange	7,882	752,119.14	4.16%	8,848.51	4.94%	29,674.43	790,642.08	100.3098
Summit	14,187 [4]	1,353,757.20	3.22%	6,849.09	4.56%	27,391.78	1,387,998.07	97.8359
Union	24,986	2,384,223.39	11.80%	25,099.15	32.08%	192,703.57	2,602,026.11	104.1394
West Orange	19,893	1,898,237.25	7.68%	16,335.72	16.41%	98,574.36	2,013,147.33	101.1988
	151,451	$14,451,813.71	100.01%	$212,725.93	100.00%	$600,696.90	$15,265,236.54	$100.7932
								$97.9839 2009
								$95.9708 2008
								$89.5386 2007
								$94.7379 2006

(1) See Table IV - Infiltration for November of the Prior Year
(2) See Table IV - Inflow for November of the Prior Year
(3) Includes Livingston (409)
(4) Includes New Providence (3685)

Table VI (Continued)
Joint Meeting of Essex and Union Counties
Estimated Annual Operation Expenses To Member Municipalities
2010

Industrial										
					Flow (MG / Year)					
Municipality	BOD (Tons / Year)	BOD [1] ($/Year)	TSS (Tons / Year)	TSS [2] ($/Year)	Dry Weather	Infiltration 3.820799%	Inflow 10.790304%	Total	Flow [3] ($/Year)	Total Cost
East Orange	0.0000	$0.00	0.0000	$0.00	0.00	0.00	0.00	0.00	$0.00	$0.00
Hillside	621.5653	416,807.18	48.0146	21,694.38	71.00	3.18	8.97	83.15	32,880.01	471,381.57
Irvington	49.8590	33,434.28	19.5908	8,851.69	39.87	1.78	5.04	46.69	18,464.14	60,750.11
Maplewood	439.0899	294,443.43	25.4218	11,486.30	32.88	1.47	4.15	38.50	15,225.76	321,155.49
Millburn	0.0000	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Newark	0.0000	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Roselle Park	0.2860	191.78	0.1927	87.07	0.62	0.03	0.08	0.72	285.52	564.37
South Orange	0.0000	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Summit [4]	36.8112	24,684.73	38.3996	17,350.05	74.06	3.31	9.36	86.73	34,296.92	76,331.70
Union	197.6333	132,528.28	112.3411	50,758.95	165.57	7.41	20.92	193.90	76,676.92	259,964.15
West Orange	0.0000	0.00	0.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1,345.2447	$ 902,089.68	243.9606	$110,228.44	383.98	17.18	48.52	449.68	$177,829.27	$1,190,147.39

(1) At $670.5766476/Ton
(2) At $451.8288612/Ton
(3) At $395.4538463/MG
(4) Includes Murray Hill

Table VII
Joint Meeting of Essex and Union Counties
Summary of Estimated Annual Operational and Maintenance Expenses To Member Municipalities
2010

	Domestic & Commercial				
Municipality	Total Assessments [1]	User Charge Domestic Sewage 95.42237225	User Charges Industrial	Infiltration / Inflow Charges	Assessment Percentage
East Orange	$696,293.07	$688,472.42	$0.00	$7,820.65	4.2314%
Hillside	1,306,182.91	813,952.84	471,381.57	20,848.50	7.9377%
Irvington	2,853,908.83	2,595,106.84	60,750.11	198,051.88	17.3433%
Maplewood	1,286,680.39	913,192.10	321,155.49	52,332.80	7.8192%
Millburn	987,721.12	936,761.43	0.00	50,959.69	6.0024%
Newark	1,710,921.26	1,662,925.68	0.00	47,995.58	10.3973%
Roselle Park	483,566.91	453,065.42	564.37	29,937.12	2.9387%
South Orange	790,642.08	752,119.14	0.00	38,522.94	4.8048%
Summit	1,464,329.77	1,353,757.20	76,331.70	34,240.87	8.8988%
Union	2,861,990.26	2,384,223.39	259,964.15	217,802.72	17.3924%
West Orange	2,013,147.33	1,898,237.25	0.00	114,910.08	12.2340%
	$16,455,383.93	$14,451,813.71	$1,190,147.39	$813,422.83	100.0000%
Elizabeth	8,378,916.07				
Total	**$24,834,300.00**				

(1) Reflects anticipated payment of $8,378,916.07 from the City of Elizabeth which is 34.6282226% of allocation from Treatment Plant, Sludge Dewatering, and Sludge Drying budget. Exact 2010 percent contribution to be calculated at the end of fiscal year. Quarterly adjustments to be made in accordance with Agreement between Elizabeth and Joint Meeting.

Table VIII
Joint Meeting of Essex and Union Counties
Comparison of 2010 Assessment with 2009 Assessment

Municipality	2009	2010		Comparison Amount	Comparison Percentage
East Orange	$679,277.81	$696,293.07	(+)	$17,015.26	2.50%
Hillside	1,278,898.18	1,306,182.91	(+)	27,284.73	2.13%
Irvington	2,830,601.78	2,853,908.83	(+)	23,307.05	0.82%
Maplewood	1,219,647.97	1,286,680.39	(+)	67,032.42	5.50%
Millburn	960,562.18	987,721.12	(+)	27,158.94	2.83%
Newark	1,665,597.89	1,710,921.26	(+)	45,323.37	2.72%
Roselle Park	469,750.62	483,566.91	(+)	13,816.29	2.94%
South Orange	768,735.23	790,642.08	(+)	21,906.85	2.85%
Summit	1,414,289.77	1,464,329.77	(+)	50,040.00	3.54%
Union	2,815,934.83	2,861,990.26	(+)	46,055.43	1.64%
West Orange	1,952,150.43	2,013,147.33	(+)	60,996.90	3.12%
	$16,055,446.69	$16,455,383.93	(+)	$399,937.24	2.49%
Elizabeth	8,665,097.31	8,378,916.07	(-)	$ (286,181.24)	-3.30%
Total	**$24,720,544.00**	**$24,834,300.00**	**(+)**	**$113,756.00**	**0.46%**

Note: City of Elizabeth percentage contribution of Treatment Plant, Sludge Dewatering, and Sludge Drying Budget:

City of Elizabeth percentage	
2006	32.13021810%
2007	32.78089120%
2008	33.62887370%
2009	35.97984850%

Table III, IV, V, VI, and VII, have been prepared to reflect the Domestic Sewer Usage and Industrial User assessment to each municipality for 2010 as a result of the Agreement with the City of Elizabeth which requires 34.6282226% of the 2010 Treatment Plant, Sludge Dewatering and Sludge Drying Budget to be paid in Quarterly assessments with adjustments made following the determination of the actual percentage of contribution for each quarter. The 34.6282226 figure is an estimate based upon actual monitoring of quality and quantity at the Trenton Avenue Pumping Station, etc., in accordance with the Agreement. The actual percentage of contribution will be determined following the completion of the annual audit of expenses. In addition, these tables reflect the costs associated with Infiltration / Inflow for the member municipalities, the percentages of which were determined from the Phase IIB SSES Reports, adjusted as a result of rehabilitation work, and updated in 2009.

Summary and Certification

On the basis of the measured usage of Section One of the Supplementary Joint Trunk Sewer and the Treatment Plant, including the Sludge Dewatering and Sludge Drying Facilities, and an estimate of Dwelling Units and Waste Characteristics for the municipalities organized in Joint Meeting, and in accordance with the provisions of the 1926 contract, I hereby certify that the estimated maintenance and operating costs of the Joint Meeting for the 2010 are apportioned as follows:

	2010	2009		2010	2009
East Orange	4.2314%	4.2308%	Roselle Park	2.9387%	2.9258%
Hillside	7.9377%	7.9655%	South Orange	4.8048%	4.7880%
Irvington	17.3433%	17.6302%	Summit	8.8988%	8.8088%
Maplewood	7.8192%	7.5965%	Union	17.3924%	17.5388%
Millburn	6.0024%	5.9828%	West Orange	12.2340%	12.1588%
Newark	10.3973%	10.3740%	**Total**	**100.0000%**	**100.0000%**

Respectfully submitted,

A. Ralph LaMendola
Chief Engineer

Joint Meeting of Essex and Union Counties
Annual Report of the Sewer Contribution of the Municipalities
Appendix A
2010 Budget

	Treatment Plant	Dewatering Facility	Drying Facility	Sewer	Total
Electric Service	$ 679,000	$ 78,000	$ 10,000	$ -	$ 767,000
Gas Service	653,000	39,000	-	-	692,000
Fuel, Oil & Kerosene	79,000	338,500	-	-	417,500
Water Service	174,000	60,000	3,500	-	237,500
Chemicals	992,840	798,900	6,800	2,200	1,800,740
Sludge Disposal	-	2,315,280	-	-	2,315,280
Insurance	498,035	138,695	55,315	9,485	701,530
Administration	1,449,060	760,870	10,000	138,070	2,358,000
Labor	5,360,000	890,000	126,000	9,000	6,385,000
Benefits	2,812,800	473,800	62,300	66,500	3,415,400
Equipment	237,000	45,000	-	-	282,000
Printing & Stationery	15,000	2,000	-	1,000	18,000
Maintenance, Supplies & Spare Parts	1,300,933	460,667	5,000	258,000	2,024,600
Screening Disposal	203,550	-	-	-	203,550
Reserve Contingency	253,000	-	-	-	253,000
Miscellaneous Expenses	177,500	87,500	-	120,000	385,000
Technical & Professional Services	447,500	50,000	-	25,000	522,500
Replacement Fund	1,250,000	-	-	-	1,250,000
NJPDES & Miscellaneous Permit Fee:	527,500	20,000	250,000	8,200	805,700
	$ 17,109,718	$ 6,558,212	$ 528,915	$ 637,455	$ 24,834,300
	68.90%	26.41%	2.13%	2.56%	100.00%

Joint Meeting of Essex and Union Counties
Annual Report of the Sewer Contribution of the Municipalities
Appendix A (Continued)
Operations and Management Cost Allocations
(Treatment Plant)

	Estimated Total Cost	Percent Flow	Cost Flow	Percent SS	Cost SS	Percent BOD	Cost BOD
General Expenditures 1	$ 2,929,785	80%	$ 2,343,828	10%	$ 292,979	10%	$ 292,978
Power	679,000	40%	$ 271,600	5%	$ 33,950	55%	$ 373,450
Chlorine	570,000	40%	$ 228,000			60%	$ 342,000
Maintenance, Equipment, Supplies, Spare Parts, & Replacement Fund	3,040,933	28%	$ 851,461	27%	$ 821,052	45%	$ 1,368,420
Fuel, Oil & Kerosene	79,000	40%	$ 31,600	30%	$ 23,700	30%	$ 23,700
Administration, Labor & Benefits (Payroll Retirement)	9,621,860	40%	3,848,744	10%	$ 962,186	50%	$ 4,810,930
Sludge Processing 2	189,140			50%	$ 94,570	50%	$ 94,570
Total	**$17,109,718**		**$ 7,575,233**		**$ 2,228,437**		**$ 7,306,048**
	100%		**44.2744468%**		**13.0243935%**		**42.7011597%**

(1) General Expenditures
(From the Approved Budget)

Insurance	$ 498,035
Technical & Professional Services	447,500
Stationery & Printing	15,000
Gas	653,000
Water	174,000
Miscellaneous	177,500
Service Contracts	203,550
Permit Fees	527,500
Sodium Bisulfite & Misc. Chemicals	233,700
	$2,929,785

(2) Sludge Processing

Polymer	$ 93,000
K2MnO4	96,140
	$ 189,140

Joint Meeting of Essex and Union Counties
Annual Report of the Sewer Contribution of the Municipalities
Appendix A (Continued)
Operations and Management Allocations

	Estimated Total Cost	Cost Flow	Cost TSS	Cost BOD
Treatment Plant	$ 17,109,718	$ 7,575,233	$ 2,228,437	$ 7,306,048
Dewatering Facility	6,558,212		3,279,106	3,279,106
Drying Facility	528,915		264,458	264,458
Subtotal	$ 24,196,845	$ 7,575,233	$ 5,772,001	$10,849,612
	100.00%	31.3066972%	23.8543517%	44.8389511%
Sewers 1	$ 637,455			
Total	$ 24,834,300			

(1) Joint Meeting Members Only

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010
SUMMARY

	LOADINGS		
MUNICIPALITY	FLOW (MG)	BOD (tons)	TSS (tons)
HILLSIDE	83.145	621.56532144	48.01461849
IRVINGTON	46.691	49.85896362	19.59081429
MAPLEWOOD	38.502	439.08984942	25.42182120
MURRAY HILL	25.905	8.92294515	5.55911040
ROSELLE PARK	0.722	0.28602030	0.19268736
SUMMIT	60.823	27.88829697	32.84053059
UNION	193.896	197.63330943	112.34108019
MEMBERS TOTAL	449.684	1345.24470633	243.96066252
ELIZABETH	236.900	2563.47853101	456.96743172
GRAND TOTAL	686.584	3908.72323734	700.92809424

	COSTS			
MUNICIPALITY	FLOW	BOD	TSS	TOTAL
HILLSIDE	$32,880.01	$416,807.19	$21,694.39	$471,381.59
IRVINGTON	$18,464.14	$33,434.26	$8,851.70	$60,750.09
MAPLEWOOD	$15,225.76	$294,443.40	$11,486.31	$321,155.48
MURRAY HILL	$10,244.23	$5,983.52	$2,511.77	$18,739.52
ROSELLE PARK	$285.52	$191.80	$87.06	$564.38
SUMMIT	$24,052.69	$18,701.24	$14,838.30	$57,592.23
UNION	$76,676.92	$132,528.28	$50,758.94	$259,964.14
MEMBERS TOTAL	$177,829.27	$902,089.69	$110,228.47	$1,190,147.42
ELIZABETH	$84,041.42	$1,719,008.84	$206,471.07	$2,009,521.34
GRAND TOTAL	$261,870.69	$2,621,098.52	$316,699.54	$3,199,668.76

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010
COST FACTORS

	FLOW	BOD	TSS
MEMBER MUNICIPALITIES	$395.4538463	$670.5766476	$451.8288612
ELIZABETH	$354.7548443	$670.5766476	$451.8288612

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: HILLSIDE

			Concentration		Cost Factors Flow per MG $395.4538463	 BOD per Ton $670.5766476	 TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
1042	**GEC Marconi / BAE**	1	2	5	8.854	0.0738	0.1846	
	Totals:				8.854	0.0738	0.1846	
	Cost Analysis:				**$3,501.35**	**$49.52**	**$83.41**	**$3,634.28**
1050	**Manhattan Drug Co.**	4	356	98	0.459	0.6814	0.1876	
	Totals:				0.459	0.6814	0.1876	
	Cost Analysis:				**$181.51**	**$456.93**	**$84.75**	**$723.19**
1054	**Oasis Foods**	3	3739	705	5.563	86.7362	16.3544	
		99	188	143	1.245	0.9760	0.7424	
	Totals:				6.808	87.7123	17.0968	
	Cost Analysis:				**$2,692.25**	**$58,817.80**	**$7,724.82**	**$69,234.87**
1058	**Quest Industries**	2	59	39	0.263	0.0647	0.0428	
		99	188	143	0.005	0.0039	0.0030	
	Totals:				0.268	0.0686	0.0458	
	Cost Analysis:				**$105.98**	**$46.02**	**$20.67**	**$172.67**
1090	**Union Beverages**	1	1982	49	62.144	513.6164	12.6979	
		2	1324	1806	2.067	11.4121	15.5666	
	Totals:				64.211	525.0285	28.2645	
	Cost Analysis:				**$25,392.49**	**$352,071.85**	**$12,770.72**	**$390,235.06**
1091	**Hillside Bottling**	2	1789	160	0.430	3.2079	0.2869	
		99	188	143	0.006	0.0047	0.0036	
	Totals:				0.436	3.2126	0.2905	
	Cost Analysis:				**$172.42**	**$2,154.27**	**$131.24**	**$2,457.93**
1092	**A&H Products**	1	562	225	2.010	4.7105	1.8859	
		99	188	143	0.099	0.0776	0.0590	
	Totals:				2.109	4.7881	1.9449	
	Cost Analysis:				**$834.01**	**$3,210.81**	**$878.77**	**$4,923.59**
	HILLSIDE TOTALS				83.1450	621.5653	48.0146	
					$32,880.01	**$416,807.19**	**$21,694.39**	**$471,381.59**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: IRVINGTON

			Concentration		Cost Factors: Flow per MG $395.4538463	BOD per Ton $670.5766476	TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
2030	**Hi-Speed Plating**	1	116	35	0.022	0.0106	0.0032	
		99	188	143	0.061	0.0478	0.0364	
	Totals:				0.083	0.0585	0.0396	
	Cost Analysis:				**$32.82**	**$39.20**	**$17.89**	**$89.91**
2036	**Intergel**	1	983	163	2.286	9.3706	1.5538	
	Totals:				2.286	9.3706	1.5538	
	Cost Analysis:				**$904.01**	**$6,283.68**	**$702.06**	**$7,889.75**
2040	**Jocely (formerly Jabel)**	99	188	143	0.169	0.1325	0.1008	
	Totals:				0.169	0.1325	0.1008	
	Cost Analysis:				**$66.83**	**$88.84**	**$45.53**	**$201.21**
2066	**Wayne County Foods**	1	6122	123	0.258	6.5864	0.1323	
		99	188	143	0.233	0.1827	0.1389	
	Totals:				0.491	6.7691	0.2713	
	Cost Analysis:				**$194.17**	**$4,539.19**	**$122.57**	**$4,855.92**
2072	**Clean-Tex Services**	1	184	95	42.020	32.2411	16.6462	
		99	188	143	1.642	1.2873	0.9791	
	Totals:				43.662	33.5284	17.6254	
	Cost Analysis:				**$17,266.31**	**$22,483.34**	**$7,963.65**	**$47,713.29**
	IRVINGTON TOTALS				46.6910	49.8590	19.5908	
					$18,464.14	**$33,434.26**	**$8,851.70**	**$60,750.09**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: MAPLEWOOD

			Concentration		Cost Factors: Flow per MG $395.4538463	BOD per Ton $670.5766476	TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
3020	**Gleason Cleaners**	1	171	77	0.611	0.4357	0.1962	
		99	188	143	0.140	0.1098	0.0835	
	Totals:				0.751	0.5454	0.2797	
	Cost Analysis:				**$296.99**	**$365.76**	**$126.36**	**$789.11**
3033	**NJ Transit - Hilton Gar.**	3a	237	299	10.162	10.0430	12.6703	
	Totals:				10.162	10.0430	12.6703	
	Cost Analysis:				**$4,018.60**	**$6,734.60**	**$5,724.80**	**$16,478.01**
3046	**UniClean**	1	74	15	1.858	0.5733	0.1162	
		99	188	143	0.140	0.1098	0.0835	
	Totals:				1.998	0.6831	0.1997	
	Cost Analysis:				**$790.12**	**$458.07**	**$90.23**	**$1,338.42**
3050	**Maplewood Beverage**	1	4009	115	25.591	427.8183	12.2722	
	Totals:				25.591	427.8183	12.2722	
	Cost Analysis:				**$10,120.06**	**$286,884.97**	**$5,544.92**	**$302,549.95**
	MAPLEWOOD TOTALS				38.5020	439.0898	25.4218	
					$15,225.76	**$294,443.40**	**$11,486.31**	**$321,155.48**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: MURRAY HILL

			Concentration		Cost Factors Flow per MG $395.4538463	 BOD per Ton $670.5766476	 TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
5010	**Bell Labs / Lucent**	1	9	9	18.136	0.6806	0.6806	
	Totals:				18.136	0.6806	0.6806	
	Cost Analysis:				**$7,171.95**	**$456.42**	**$307.53**	**$7,935.91**
5011	**Baxter Pharmaceutical**	1	522	675	0.943	2.0527	2.6543	
	Totals:				0.943	2.0527	2.6543	
	Cost Analysis:				**$372.91**	**$1,376.47**	**$1,199.29**	**$2,948.68**
5020	**Fablok Mills**	4	331	108	4.109	5.6715	1.8505	
		99	188	143	0.140	0.1098	0.0835	
	Totals:				4.249	5.7813	1.9340	
	Cost Analysis:				**$1,680.28**	**$3,876.79**	**$873.84**	**$6,430.92**
5021	**FRC-Electrical Ind**	1	38	27	2.577	0.4084	0.2901	
	Totals:				2.577	0.4084	0.2901	
	Cost Analysis:				**$1,019.08**	**$273.83**	**$131.10**	**$1,424.01**
	MURRAY HILL TOTALS				25.9050	8.9229	5.5591	
					$10,244.23	**$5,983.52**	**$2,511.77**	**$18,739.52**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: ROSELLE PARK

			Concentration		Cost Factors Flow per MG $395.4538463	 BOD per Ton $670.5766476	 TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
6005	**Hexacon Electric**	2	95	64	0.722	0.2860	0.1927	
	Totals:				0.722	0.2860	0.1927	
	Cost Analysis:				**$285.52**	**$191.80**	**$87.06**	**$564.38**
	ROSELLE PARK TOTALS				0.7220	0.2860	0.1927	
					$285.52	**$191.80**	**$87.06**	**$564.38**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: SUMMIT

			Concentration		Cost Factors Flow per MG $395.4538463	 BOD per Ton $670.5766476	 TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
5511	**Novartis Groundwater**	4	2	19	0.908	0.0076	0.0719	
	Totals:				0.908	0.0076	0.0719	
	Cost Analysis:				**$359.07**	**$5.08**	**$32.50**	**$396.66**
5512	**Summit Property Co.**	03A	75	95	47.715	14.9229	18.9023	
		99	188	143	4.375	3.4298	2.6089	
	Totals:				52.09	18.3527	21.5112	
	Cost Analysis:				**$20,599.19**	**$12,306.89**	**$9,719.36**	**$42,625.44**
5513	**Celgene Corporation**	1	292	345	7.825	9.5280	11.2574	
	Totals:				7.825	9.5280	11.2574	
	Cost Analysis:				**$3,094.43**	**$6,389.28**	**$5,086.43**	**$14,570.14**
	SUMMIT TOTALS				60.8230	27.8883	32.8405	
					$24,052.69	**$18,701.24**	**$14,838.30**	**$57,592.23**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: UNION

			Concentration		Cost Factors Flow per MG $395.4538463	 BOD per Ton $670.5766476	 TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
7015	**ACuPowder**	3 (99)	188	143	0.035	0.0274	0.0209	
		4	137	145	1.008	0.5759	0.6095	
	Totals:				1.043	0.6033	0.6304	
	Cost Analysis:				**$412.46**	**$404.56**	**$284.81**	**$1,101.83**
7035	**American Products**	1	337	256	0.499	0.7012	0.5327	
	Totals:				0.499	0.7012	0.5327	
	Cost Analysis:				**$197.33**	**$470.23**	**$240.69**	**$908.25**
7045	**Breeze /TransTechnology**	1	340	471	1.166	1.6532	2.2901	
	Totals:				1.166	1.6532	2.2901	
	Cost Analysis:				**$461.10**	**$1,108.57**	**$1,034.74**	**$2,604.40**
7070	**Durex**	1	101	135	3.837	1.6160	2.1600	
	Totals:				3.837	1.6160	2.1600	
	Cost Analysis:				**$1,517.36**	**$1,083.67**	**$975.97**	**$3,577.00**
7077	**Siemens Water Technology**	4	68	76	3.084	0.8745	0.9774	
	Totals:				3.084	0.8745	0.9774	
	Cost Analysis:				**$1,219.58**	**$586.42**	**$441.61**	**$2,247.61**
7080	**Foremost Mfg**	2	19	130	13.653	1.0817	7.4013	
	Totals:				13.653	1.0817	7.4013	
	Cost Analysis:				**$5,399.13**	**$725.38**	**$3,344.12**	**$9,468.63**
7092	**International Paint**	2	35	57	4.343	0.6339	1.0323	
	Totals:				4.343	0.6339	1.0323	
	Cost Analysis:				**$1,717.46**	**$425.05**	**$466.42**	**$2,608.93**
7105	**Stonco Lighting**	2	277	399	0.78	0.9010	1.2978	
	Totals:				0.78	0.9010	1.2978	
	Cost Analysis:				**$308.45**	**$604.17**	**$586.38**	**$1,499.00**
7145	**Schering**	5	35	40	121.598	17.7472	20.2825	
	Totals:				121.598	17.7472	20.2825	
	Cost Analysis:				**$48,086.40**	**$11,900.88**	**$9,164.24**	**$69,151.51**
7150	**SS Studios**	1	284	158	0.113	0.1338	0.0745	
	Totals:				0.113	0.1338	0.0745	
	Cost Analysis:				**$44.69**	**$89.74**	**$33.64**	**$168.06**
7155	**Tessler & Weiss**	22	164	172	1.216	0.8316	0.8722	
	Totals:				1.216	0.8316	0.8722	
	Cost Analysis:				**$480.87**	**$557.65**	**$394.07**	**$1,432.59**
7167	**Turbo Braze**	1	153	103	0.159	0.1014	0.0683	
	Totals:				0.159	0.1014	0.0683	
	Cost Analysis:				**$62.88**	**$68.03**	**$30.86**	**$161.76**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: UNION

			Concentration		Cost Factors Flow per MG $395.4538463	 BOD per Ton $670.5766476	 TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
7191	**Cintas**	1	219	96	23.042	21.0426	9.2242	
	Totals:				23.042	21.0426	9.2242	
	Cost Analysis:				**$9,112.05**	**$14,110.71**	**$4,167.75**	**$27,390.50**
7192	**Merril Corporation**	1	634	384	0.67	1.7713	1.0729	
	Totals:				0.67	1.7713	1.0729	
	Cost Analysis:				**$264.95**	**$1,187.81**	**$484.75**	**$1,937.52**
7193	**Lioni Latticini**	1	3309	1163	6.712	92.6157	32.5513	
		99	188	143	0.247	0.1936	0.1473	
	Totals:				6.959	92.8094	32.6985	
	Cost Analysis:				**$2,751.96**	**$62,235.80**	**$14,774.15**	**$79,761.91**
7194	**BASF Catalysts**	1	25	86	0.047	0.0049	0.0169	
		99	188	143	2.970	2.3284	1.7710	
	Totals:				3.017	2.3333	1.7879	
	Cost Analysis:				**$1,193.08**	**$1,564.63**	**$807.82**	**$3,565.54**
7195	**Deep Foods**	1	1513	852	8.31	52.4295	29.5241	
		2	217	244	0.407	0.3683	0.4141	
	Totals:				8.717	52.7978	29.9382	
	Cost Analysis:				**$3,447.17**	**$35,404.99**	**$13,526.95**	**$52,379.11**
	UNION TOTALS				193.8960	197.6333	112.3411	
					$76,676.92	**$132,528.28**	**$50,758.94**	**$259,964.14**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: ELIZABETH

			Concentration		Cost Factors Flow per MG $354.7548443	 BOD per Ton $670.5766476	 TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
0033	**Cargill Flavor Systems**	1	1996	599	1.155	9.6134	2.8850	
	Totals:				1.155	9.6134	2.8850	
	Cost Analysis:				**$409.74**	**$6,446.54**	**$1,303.52**	**$8,159.81**
0037	**Deb-El Foods**	1	2867	547	3.819	45.6576	8.7111	
	Totals:				3.819	45.6576	8.7111	
	Cost Analysis:				**$1,354.81**	**$30,616.94**	**$3,935.93**	**$35,907.68**
0062	**Garcia Laundry**	2	790	212	3.562	11.7343	3.1490	
		99	188	143	0.144	0.1129	0.0859	
	Totals:				3.706	11.8472	3.2348	
	Cost Analysis:				**$1,314.72**	**$7,944.45**	**$1,461.58**	**$10,720.75**
0067	**Actavis (formerly Purepac)**	3	1061	187	19.436	85.9921	15.1560	
	Totals:				19.436	85.9921	15.1560	
	Cost Analysis:				**$6,895.02**	**$57,664.26**	**$6,847.92**	**$71,407.20**
0070	**LORCO**	2	9808	51	16.996	695.1255	3.6145	
	Totals:				16.996	695.1255	3.6145	
	Cost Analysis:				**$6,029.41**	**$466,134.94**	**$1,633.15**	**$473,797.51**
0075	**Mastercraft Electroplating**	99	188	143	0.023	0.0180	0.0137	
	Totals:				0.023	0.0180	0.0137	
	Cost Analysis:				**$8.16**	**$12.09**	**$6.20**	**$26.45**
0078	**Magnolia Beef**	1	1343	590	0.150	0.8400	0.3690	
		99	188	143	0.424	0.3324	0.2528	
	Totals:				0.574	1.1724	0.6219	
	Cost Analysis:				**$203.63**	**$786.21**	**$280.98**	**$1,270.83**
0091	**NJ Turnpike Authority**	1	7	7	1.094	0.0319	0.0319	
	Totals:				1.094	0.0319	0.0319	
	Cost Analysis:				**$388.10**	**$21.41**	**$14.43**	**$423.94**
0093	**OENJ**	4	4	110	10.623	0.1772	4.8728	
	Totals:				10.623	0.1772	4.8728	
	Cost Analysis:				**$3,768.56**	**$118.82**	**$2,201.66**	**$6,089.04**
0098	**Olympia Trails**	1	459	294	2.280	4.3640	2.7952	
		99	188	143	0.460	0.3606	0.2743	
	Totals:				2.74	4.7246	3.0695	
	Cost Analysis:				**$972.03**	**$3,168.21**	**$1,386.91**	**$5,527.15**
0100	**Michaels Foods - North Avenue Facility**	4	2234	618	78.410	730.4503	202.0673	
		4a	870	203	4.372	15.8612	3.7009	
		4b	668	156	3.016	8.4012	1.9620	
		99	188	143	0.468	0.3669	0.2791	
	Totals:				86.266	755.0796	208.0093	
	Cost Analysis:				**$30,603.28**	**$506,338.77**	**$93,984.59**	**$630,926.63**

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2010

Municipality: ELIZABETH

			Concentration		Cost Factors Flow per MG $354.7548443	 BOD per Ton $670.5766476	 TSS per Ton $451.8288612	
IU #	INDUSTRY	SITE	BOD (mg/l)	TSS (mg/l)	FLOW (MG)	BOD (Tons)	TSS (Tons)	ANNUAL PAYMENT
0105	**Michaels Foods - Papetti Plaza Facility**	2	3600	712	57.312	860.3677	170.1616	
		2a	1595	212	6.584	43.7912	5.8205	
		2b	1568	213	0.761	4.9758	0.6759	
		3	417	644	0.559	0.9720	1.5012	
	Totals:				65.216	910.1068	178.1593	
	Cost Analysis:				**$23,135.69**	**$610,296.37**	**$80,497.49**	**$713,929.55**
0120	**Phelps Dodge**	99	188	143	0.224	0.1756	0.1336	
	Totals:				0.224	0.1756	0.1336	
	Cost Analysis:				**$79.47**	**$117.76**	**$60.35**	**$257.58**
0148	**Superior Powder Coating**	1	108	68	2.073	0.9336	0.5878	
		99	188	143	0.514	0.4030	0.3065	
	Totals:				2.587	1.3366	0.8943	
	Cost Analysis:				**$917.75**	**$896.26**	**$404.08**	**$2,218.09**
0155	**Duro Bag**	1	444	155	3.263	6.0414	2.1090	
		2	168	172	5.188	3.6345	3.7210	
		3	226	219	0.813	0.7662	0.7425	
	Totals:				9.264	10.4421	6.5725	
	Cost Analysis:				**$3,286.45**	**$7,002.21**	**$2,969.66**	**$13,258.32**
0165	**Wakefern Food Corp.**	2	149	148	3.701	2.2995	2.2841	
		3a	389	312	3.058	4.9605	3.9786	
		4	521	1198	0.952	2.0683	4.7559	
		7	13	54	0.479	0.0260	0.1079	
	Totals:				8.190	9.3543	11.1264	
	Cost Analysis:				**$2,905.44**	**$6,272.75**	**$5,027.24**	**$14,205.43**
0175	**Prince Donut Co.**	3	4041	970	0.915	15.4186	3.7011	
		99	188	143	0.26	0.2038	0.1550	
	Totals:				1.175	15.6225	3.8561	
	Cost Analysis:				**$416.84**	**$10,476.06**	**$1,742.31**	**$12,635.21**
0178	**814 Americas**	3	518	451	2.887	6.2361	5.4295	
		99	188	143	0.054	0.0423	0.0322	
	Totals:				2.941	6.2784	5.4617	
	Cost Analysis:				**$1,043.33**	**$4,210.17**	**$2,467.75**	**$7,721.25**
0186	**One Great Burger**	1	228	157	0.653	0.6208	0.4275	
		2	112	127	0.218	0.1018	0.1155	
	Totals:				0.871	0.7227	0.5430	
	Cost Analysis:				**$308.99**	**$484.60**	**$245.33**	**$1,038.92**
	ELIZABETH TOTALS				236.9000	2,563.4785	456.9674	
					$84,041.42	**$1,719,008.84**	**$206,471.07**	**$2,009,521.34**