

December 21, 2007

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 2008)

I present herewith the 73rd 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, 2006 through October 31, 2007. 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 2008. 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 2007, 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 22, 2006.

During 2007, 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 (2008) dwelling unit figures formulated by each municipality in 2007.

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, 2006, through October 31, 2007 and projected for a twelve (12) month period in 2008. 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 2008, 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, 2006, through October 31, 2007, and projected for 2008 and are based upon actual 2006-2007 operating statistics as well as a recent upgraded 2007 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 | 24,869.9670 MG/Year | 68.1369 MGD |
| 2. | BOD | 17,006.9201 Tons/Year | 93,188.6033 Lbs/Day |
| | TSS | 14,497.5626 Tons/Year | 79,438.6992 Lbs/Day |
| 3. | Estimated Industrial Flow | 732.5770 MG/Year | 2.0071 MGD |
| 4. | Estimated Industrial BOD | 4,372.0373 Tons/Year | 23,956.3688 Lbs/Day |
| 5. | Estimated Industrial TSS | 1,143.7561 Tons/Year | 6,267.1567 Lbs/Day |
| 6. | Estimated Total Operating Expenses in 2008 | | |
| | | | \$15,599,869 STP |
| | | | 6,368,211 SDWF |
| | | | 557,717 SDF |
| | | | 622,555 Sewers |
| | | | <hr/> \$23,148,352 Total |
| 7. | Estimated Total Dwelling Units in System | | |
| | | | 151,060 JM Members |
| | | | 47,181 Elizabeth |
| | | | <hr/> 198,241 Total |

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

| | |
|------------------|-------------|
| Flow | 29.9624337% |
| BOD | 46.5746007% |
| Suspended Solids | 23.4629656% |

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 2008 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 2008

Treatment Plant

| | <u>Total for 2008</u> | <u>Domestic & Commercial</u> | <u>Industrial</u> |
|------------------|-----------------------------------|----------------------------------|---------------------|
| Flow | 24,869.9670 MG/Yr. ¹ | 24,137.3900 MG/Yr. | 732.5770 MG/Yr. |
| BOD | 17,006.9201 Tons/Yr. ¹ | 12,634.8828 Tons/Yr. | 4,372.0373 Tons/Yr. |
| Suspended Solids | 14,497.5626 Tons/Yr. ¹ | 13,353.8065 Tons/Yr. | 1,143.7561 Tons/Yr. |

(1) Based upon data from November 1, 2006 thru October 31, 2007 (365 days)

Cost Allocation

| | <u>Total for 2008</u> | <u>Domestic & Commercial</u> | <u>Industrial</u> |
|------------------|------------------------|----------------------------------|-----------------------|
| Flow | \$6,749,277.00 | \$6,550,468.00 | \$198,809.00 |
| BOD | 10,491,300.00 | 7,794,259.00 | 2,697,041.00 |
| Suspended Solids | 5,285,220.00 | 4,868,253.00 | 416,967.00 |
| | <u>\$22,525,797.00</u> | <u>\$19,212,980.00</u> | <u>\$3,312,817.00</u> |
| | 100.000000% | 85.29323070% | 14.70676930% |

Elizabeth Contribution

| | | |
|------|---|---------------------|
| Flow | - | 5,969.3010 MG/Yr. |
| BOD | - | 6,950.4073 Tons/Yr. |
| TSS | - | 3,425.5026 Tons/Yr. |

Trunk Sewer Flow¹

| <u>Total for 2008</u> | <u>Domestic & Commercial</u> | <u>Industrial</u> |
|---------------------------------|----------------------------------|-------------------|
| 18,900.6660 MG/Yr. ² | 18,444.3310 MG/Yr. | 456.335 MG/Yr. |

(1) Based upon data from November 1, 2006 thru October 31, 2007 (365 days)

(2) (24,869.967 - 5,969.3010)

COST ALLOCATION

| | | |
|--------------|--------------|-------------|
| \$622,555.00 | \$607,524.12 | \$15,030.88 |
|--------------|--------------|-------------|

Member municipalities will be assessed \$4.02 (\$607,524.12/151,060) for trunk sewer O&M per equivalent dwelling unit.

The estimated cost for treating industrial wastes has been determined to be \$271.38 per MG for flow, \$616.88 per ton of BOD, and \$364.56 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 | \$198,809.00 | / | 732.5770 | = | \$271.3830765 | /MG |
| BOD | \$2,697,041.00 | / | 4,372.0373 | = | \$616.8842613 | /Ton |
| Suspended Solids | \$416,967.00 | / | 1,143.7561 | = | \$364.5593672 | /Ton |

All industries within the member municipalities (excluding Elizabeth) will be required to pay an additional \$32.94/MG of flow for trunk sewer use ($\$15,030.88/456.335 = \$32.938/\text{MG}$). This brings the total flow cost to \$304.32.91/MG ($\$271.383 + \32.94) for the indicated industries of member municipalities.

Based upon the user charges for 2008, 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 2007 industrial waste survey of the service area. These are estimates for 2008 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 \$23,148,352 for 2008. 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 33.6288737% 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 Elmore 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
2008

| <u>Municipality</u> | <u>Dwelling Units ¹</u> | <u>User Charges Industrial</u> |
|---------------------|------------------------------------|------------------------------------|
| East Orange | 7,185 | \$ - |
| Hillside | 8,512 | 379,105 |
| Irvington | 27,252 | 73,159 |
| Maplewood | 9,443 | 275,273 |
| Millburn | 9,800 ⁴ | - |
| Newark | 17,377 | - |
| Roselle Park | 4,746 | 573 |
| South Orange | 7,851 | - |
| Summit | 14,002 ² | 69,582 ³ |
| Union | 24,946 | 278,153 |
| West Orange | 19,946 | - |
| Elizabeth | 47,181 | 2,252,003 |
| | <u>198,241</u> | <u>\$ 3,327,848</u> |

(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 (3553)

(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 11/1/2006-10/31/2007 and Projected Contribution for 2008

| Flow: | Treatment Plant | Elizabeth Pumping Station | | Joint Meeting | |
|---|-----------------------|---------------------------|-----------------|------------------|-----------------|
| | 24,869.967 MG | 5,969.301 MG | | 18,900.666 MG | |
| | | Industrial | D&C | Industrial | D&C |
| | | 261.49 | 5,707.811 | 456.335 | 18,444.331 |
| | | \$ 70,963.96 | \$ 1,549,003.31 | \$ 138,872.48 | \$ 5,613,003.43 |
| Unit Charge \$ 271.3830765 Per MG for Elizabeth | | | | | |
| Unit Charge \$ 304.3213346 Per MG for Joint Meeting | | | | | |
| BOD: | 17,006.9201 Tons | 6,950.4073 Tons | | 10,056.5128 Tons | |
| | | Industrial | D&C | Industrial | D&C |
| | | 2,960.4963 | 3,989.911 | 1,326.9567 | 8,729.5561 |
| | | \$ 1,826,283.57 | \$ 2,461,313.30 | \$ 818,578.70 | |
| Unit Charge | \$616.8842613 Per Ton | | | | |
| TSS: | 14,497.5626 Tons | 3,425.5026 Tons | | 11,072.0600 Tons | |
| | | Industrial | D&C | Industrial | D&C |
| | | 809.2142 | 2,616.2884 | 324.7609 | 10,747.2991 |
| | | \$ 295,006.62 | \$ 953,792.44 | \$ 118,394.63 | |
| Unit Charge | \$364.5593672 Per Ton | | | | |
| | | | \$ 7,156,363.20 | \$ 1,075,845.81 | |

City of Elizabeth (Contribution from Pumping Station) \$ 7,156,363.20

City of Elizabeth (Industry Tributary to Joint Meeting Trunk)

| | | | |
|--------------|----------------------|----------------|-----------|
| Flow: | 14.7520 MG/Year at | \$ 271.3830765 | 4,003.44 |
| BOD: | 84.5843 Tons/Year at | 616.8842613 | 52,178.72 |
| TSS: | 9.781 Tons/Year at | 364.5593672 | 3,565.76 |

| | |
|--------------------------|-----------------|
| Joint Meeting Industrial | 1,075,845.81 |
| Subtotal | \$ 8,291,956.93 |

| | |
|-------------------|------------------|
| Total 2008 Budget | \$ 23,148,352.00 |
| Subtotal (above) | (8,291,956.93) |
| Subtotal (EDU's) | \$ 14,856,395.07 |

Joint Meeting EDU's (X + Y) + Elmora EDU's (X) = \$ 14,856,395
 (Y = Additional Assessment to Member Municipalities for Trunk Sewer O&M)
 151,060 (X + \$4.0217405) + 3905 (X) = \$ 14,856,395

Equivalent Units-Member Municipalities 151,060

Elmora EDU's = 3,905 \$91.9489623460 Per Unit = X
 \$95.9707028460 Per Unit = X+Y

Joint Meeting EDU Assessment \$ 14,497,334.37
 Elmora Area Assessment \$ 359,060.70

Total Anticipated Payment from the City of Elizabeth

Pumping Station \$ 7,156,363.20
 Elmora EDU's 359,060.70
 Elmora Industrial 59,747.92
 \$ 7,575,171.82

Total Anticipated Payment from Member Municipalities

EDU's 14,497,334.37
 Industrial 1,075,845.81
 \$ 15,573,180.18

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

\$ 7,575,171.82 / \$ 22,525,797.00 = 33.6288737%

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 | | Base Year - 1982 | | Base Year - 1982 | | Base Year - 1982 | |
|--------------|----------------------------|--------------------------------|-------------------------------|--------------|-------------------------------|-----------|-------------------------------|-----------|-------------------------------|-----------|
| | | | Phase IIB - SSES ¹ | Infiltration | Phase IIB - SSES ² | Inflow | Phase IIB - SSES ² | Inflow | Phase IIB - SSES ² | Inflow |
| | | | (GPD) ³ | (Percent) | (GPD) ⁴ | (Percent) | (GPD) | (Percent) | (GPD) ⁵ | (Percent) |
| East Orange | 5.50 | 4.88% | 70,747 | 2.11% | 44,022 | 2.18% | 3,007,440 | 5.79% | 218,160 | 0.53% |
| Hillside | 12.20 | 10.83% | 79,012 | 2.36% | 32,448 | 1.64% | 1,185,120 | 2.28% | 1,656,196 | 2.88% |
| Irvington | 18.61 | 16.52% | 1,115,672 | 33.31% | 781,714 | 39.51% | 8,612,640 | 16.57% | 10,903,292 | 18.96% |
| Maplewood | 7.08 | 6.29% | 389,078 | 11.62% | 199,485 | 9.89% | 5,449,680 | 10.48% | 2,990,354 | 5.20% |
| Millburn | 6.00 | 5.33% | 191,609 | 5.72% | 149,378 | 7.55% | 2,729,520 | 5.25% | 2,384,640 | 5.80% |
| Newark | 15.50 | 13.76% | 234,484 | 7.00% | 181,035 | 9.15% | 1,959,540 | 3.77% | 2,731,574 | 4.75% |
| Roselle Park | 9.44 | 8.38% | 106,187 | 3.17% | 63,906 | 3.23% | 1,576,080 | 3.03% | 1,576,080 | 3.84% |
| South Orange | 7.00 | 6.22% | 410,876 | 12.27% | 82,306 | 4.16% | 2,183,760 | 4.20% | 2,881,091 | 5.01% |
| Summit | 7.50 | 6.66% | 171,657 | 5.13% | 64,916 | 3.22% | 3,651,120 | 7.02% | 2,059,920 | 4.56% |
| Union | 10.30 | 9.14% | 329,127 | 9.83% | 233,465 | 11.80% | 14,534,640 | 27.96% | 18,430,934 | 32.05% |
| West Orange | 13.50 | 11.99% | 250,811 | 7.48% | 151,950 | 7.68% | 7,097,040 | 13.65% | 9,442,620 | 16.42% |
| | 112.63 | 100.00% | 3,349,260 | 100.00% | 1,978,718 | 100.01% | 51,986,580 | 100.00% | 57,506,815 | 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: $3.35 \text{ MGD} / 52.79 \text{ MGD} = 6.346\%$

(4) 2007 - Infiltration related to base year total = $2.017 \text{ MGD} / 52.79 \text{ MGD} = 3.82079939\%$

- Adjusted for period 11/1/2006 - 10/31/2007: $(3.82079939\% \times 18,900.6660 = 722.16 \text{ MG} / \text{Year} / 365 = 1,978,718 \text{ GPD})$

(5) 2007 inflow adjusted for period 11/1/2006 - 10/31/2007 - $(46.49\% / 33.22\%) \times (41,092,200) = 57,506,815 \text{ GPD}$

Table IV - A
Joint Meeting of Essex and Union Counties
Adjusted 2007 - Summary of Infiltration and Inflow

| Municipality | Phase IIB | | 2007 | | Phase IIB | | 2007 | | 2007 | |
|--------------|-------------------------------|-------------------------------|------------------|-----------------------|-------------------------|-------------------------|------------------|-----------------|----------------------------|-------------------------|
| | SSES Infiltration (GPD) | 2006 Infiltration (GPD) | Removed (GPD) | Infiltration (GPD) | SSES Inflow (GPD) | 2006 Inflow (GPD) | Removed (GPD) | Inflow (GPD) | Inflow Removed (GPD) | 2007 Inflow (GPD) |
| East Orange | 70,747 | 44,022 | - | 44,022 | 3,007,440 | 218,160 | - | 218,160 | - | 218,160 |
| Hillside | 79,012 | 32,980 | - | 32,980 | 1,185,120 | 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 | - | 7,791,840 |
| Maplewood | 389,078 | 199,485 | - | 199,485 | 5,449,680 | 5,449,680 | 3,312,000 | 2,137,680 | - | 2,137,680 |
| Millburn | 191,609 | 152,240 | - | 152,240 | 2,729,520 | 2,384,640 | - | 2,384,640 | - | 2,384,640 |
| Newark | 234,484 | 184,463 | - | 184,463 | 1,959,540 | 1,951,200 | - | 1,951,200 | - | 1,951,200 |
| Roselle Park | 106,187 | 65,147 | - | 65,147 | 1,576,080 | 1,576,080 | - | 1,576,080 | - | 1,576,080 |
| South Orange | 410,876 | 83,906 | - | 83,906 | 2,183,760 | 2,068,560 | 8,640 | 2,059,920 | - | 2,059,920 |
| Summit | 171,657 | 64,916 | - | 64,916 | 3,651,120 | 1,872,720 | - | 1,872,720 | - | 1,872,720 |
| Union | 329,127 | 238,013 | - | 238,013 | 14,534,640 | 13,357,440 | 187,200 | 13,170,240 | - | 13,170,240 |
| West Orange | 250,811 | 154,847 | - | 154,847 | 7,097,040 | 6,744,600 | - | 6,744,600 | - | 6,744,600 |
| Total | 3,349,260 | 2,017,045 | - | 2,017,045 | 51,986,580 | 44,600,040 | 3,507,840 | 41,092,200 | - | 41,092,200 |

Table V

Joint Meeting of Essex and Union Counties

| Cost Allocation - Flow, BOD & TSS with Infiltration / Inflow | | | |
|--|-----------------------|-----------------------|-----------------|
| | Total | Domestic & Commercial | Industrial |
| Flow | 18,900.6660 MG | 18,444.3310 MG | 456.3350 MG |
| | \$5,333,052.52 | \$5,194,180.04 | |
| Infiltration | 3.8207994% | | |
| Inflow | 10.1440341% | | |
| | 722.16 | 704.72 | \$198,458.95 |
| | 1,917.29 | 1,871.00 | \$526,899.61 |
| BOD | | | |
| at | \$616.8842613 Per Ton | | |
| | 10,056.5128 Tons | 8,729.5561 Tons | 1,326.9567 Tons |
| | \$6,203,704.47 | \$5,385,125.77 | \$818,578.70 |
| TSS | | | |
| at | \$364.5593672 Per Ton | | |
| | 11,072.0600 Tons | 10,747.2991 Tons | 324.7609 Tons |
| | \$4,036,423.19 | \$3,918,028.56 | \$118,394.63 |
| Total | \$15,573,180.18 | \$14,497,334.37 | \$1,075,845.81 |

(1) Amount anticipated from Members after allocation of

33.6288737% to City of Elizabeth \$ 7,575,171.82

"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)

"2006 - 2007"

Infiltration: 2.017 MGD/52.79MGD =

3.82079939%

X

722.16 MG / Year

(November 1, 2006 - October 31, 2007)

Inflow: Rainfall = 46.49 Inches X 50 MG X 82.482%

1,917.29 MG / Year

Total D&C

\$14,497,334.37

Less: Infiltration

(198,458.95)

Less: Inflow

(526,899.61)

Net after infiltration and inflow

\$13,771,975.81

Equivalent Dwelling Units

151,060

User Charge Per Unit

\$91.1689117569178

Table VI
Joint Meeting of Essex and Union Counties
Estimated Annual Operation Expenses To Member Municipalities
2008

| Domestic & Commercial | | | | | | | | | |
|-----------------------|---------------------|-------------|----------------------|----------------------|--------------|----------------------|--------------|-----------------|----------------|
| Municipality | Dwelling Units | User Charge | | Infiltration | | Inflow | | Total Cost | Unit Cost |
| | | \$ | 91.16891176 Per Unit | Percent ¹ | Amount | Percent ² | Amount | | |
| East Orange | 7,185 | | \$655,048.63 | 2.18% | \$4,326.41 | 0.53% | \$2,792.57 | \$662,167.61 | \$92.1597 |
| Hillside | 8,512 | | 776,029.78 | 1.64% | 3,254.73 | 2.88% | 15,174.71 | 794,459.22 | 93.3340 |
| Irvington | 27,252 | | 2,484,535.18 | 39.51% | 78,411.13 | 18.96% | 99,900.17 | 2,662,846.48 | 97.7120 |
| Maplewood | 9,443 | | 860,908.03 | 9.89% | 19,627.59 | 5.20% | 27,398.78 | 907,934.40 | 96.1489 |
| Millburn | 9,800 ³ | | 893,455.34 | 7.55% | 14,983.65 | 5.80% | 30,560.18 | 938,999.17 | 95.8162 |
| Newark | 17,377 | | 1,584,242.18 | 9.15% | 18,158.99 | 4.75% | 25,027.73 | 1,627,428.90 | 93.6542 |
| Roselle Park | 4,746 | | 432,687.66 | 3.23% | 6,410.22 | 3.84% | 20,232.95 | 459,330.83 | 96.7827 |
| South Orange | 7,851 | | 715,767.13 | 4.16% | 8,255.89 | 5.01% | 26,397.67 | 750,420.69 | 95.5828 |
| Summit | 14,002 ⁴ | | 1,276,547.10 | 3.22% | 6,390.38 | 4.56% | 24,026.62 | 1,306,964.10 | 93.3412 |
| Union | 24,946 | | 2,274,299.67 | 11.80% | 23,418.16 | 32.05% | 168,871.33 | 2,466,589.16 | 98.8771 |
| West Orange | 19,946 | | 1,818,455.11 | 7.68% | 15,241.65 | 16.42% | 86,516.92 | 1,920,213.68 | 96.2706 |
| | 151,060 | | \$13,771,975.81 | 100.01% | \$198,478.80 | 100.00% | \$526,899.63 | \$14,497,354.24 | \$95.9708 |
| | | | | | | | | | \$89.5386 2007 |
| | | | | | | | | | \$94.7379 2006 |
| | | | | | | | | | \$90.2139 2005 |
| | | | | | | | | | \$83.1509 2004 |

(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 (3553)

Table VI (Continued)
Joint Meeting of Essex and Union Counties
Estimated Annual Operation Expenses To Member Municipalities
2008

| Municipality | Industrial | | | | | | | | | |
|---------------------|----------------------|-------------------------------|----------------------|-------------------------------|----------------|---------------------------|----------------------|--------|--------------|--------------------------------|
| | BOD (Tons / Year) | BOD ¹ (\$/Year) | TSS (Tons / Year) | TSS ² (\$/Year) | Dry Weather | Flow (MG / Year) | | | Total | Flow ³ (\$/Year) |
| | | | | | | Infiltration 3.820799% | Inflow 10.144034% | Total | | |
| East Orange | 0.0000 | \$0.00 | 0.0000 | \$0.00 | 0.00 | 0.00 | 0.00 | 0.00 | \$0.00 | \$0.00 |
| Hillside | 554.5196 | 342,074.41 | 48.3884 | 17,640.44 | 54.82 | 2.44 | 6.46 | 63.72 | 19,391.05 | 379,105.90 |
| Irvington | 78.9911 | 48,728.37 | 28.9121 | 10,540.18 | 39.27 | 1.74 | 4.63 | 45.65 | 13,891.05 | 73,159.60 |
| Maplewood | 414.4650 | 255,676.94 | 19.0485 | 6,944.31 | 35.77 | 1.59 | 4.22 | 41.57 | 12,651.86 | 275,273.11 |
| 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 | 0.2212 | 136.45 | 0.2356 | 85.89 | 0.99 | 0.04 | 0.12 | 1.15 | 350.88 | 573.22 |
| South Orange | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Summit ⁴ | 36.5778 | 22,564.27 | 53.0487 | 19,339.40 | 78.25 | 3.48 | 9.23 | 90.95 | 27,676.81 | 69,580.48 |
| Union | 242.1820 | 149,398.26 | 175.1276 | 63,844.41 | 183.51 | 8.15 | 21.64 | 213.30 | 64,910.83 | 278,153.50 |
| West Orange | 0.0000 | 0.00 | 0.0000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | 1,326.9567 | \$ 818,578.70 | 324.7609 | \$118,394.63 | 392.61 | 17.44 | 46.29 | 456.34 | \$138,872.48 | \$1,075,845.81 |

(1) At \$616.8842613/Ton

(2) At \$364.5593672/Ton

(3) At \$304.3213346/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
2008

| Municipality | Total Assessments ¹ | Domestic & Commercial | | | |
|--------------|--------------------------------|---|-------------------------|-------------------------------|-----------------------|
| | | User Charge Domestic Sewage 91.16891176 | User Charges Industrial | Infiltration / Inflow Charges | Assessment Percentage |
| East Orange | \$662,167.61 | \$655,048.63 | \$0.00 | \$7,118.98 | 4.2520% |
| Hillside | 1,173,565.12 | 776,029.78 | 379,105.90 | 18,429.44 | 7.5358% |
| Irvington | 2,736,006.08 | 2,484,535.18 | 73,159.60 | 178,311.30 | 17.5687% |
| Maplewood | 1,183,207.51 | 860,908.03 | 275,273.11 | 47,026.37 | 7.5977% |
| Millburn | 938,999.17 | 893,455.34 | 0.00 | 45,543.83 | 6.0296% |
| Newark | 1,627,428.90 | 1,584,242.18 | 0.00 | 43,186.72 | 10.4502% |
| Roselle Park | 459,904.05 | 432,687.66 | 573.22 | 26,643.17 | 2.9532% |
| South Orange | 750,420.69 | 715,767.13 | 0.00 | 34,653.56 | 4.8187% |
| Summit | 1,376,544.58 | 1,276,547.10 | 69,580.48 | 30,417.00 | 8.8392% |
| Union | 2,744,742.66 | 2,274,299.67 | 278,153.50 | 192,289.49 | 17.6248% |
| West Orange | 1,920,213.68 | 1,818,455.11 | 0.00 | 101,758.57 | 12.3301% |
| | <u>\$15,573,200.05</u> | <u>\$13,771,975.81</u> | <u>\$1,075,845.81</u> | <u>\$725,378.43</u> | <u>100.0000%</u> |
| Elizabeth | 7,575,151.95 | | | | |
| Total | <u><u>\$23,148,352.00</u></u> | | | | |

(1) Reflects anticipated payment of \$7,575,151.95 from the City of Elizabeth which is 33.6288737% of allocation from Treatment Plant, Sludge Dewatering, and Sludge Drying budget. Exact 2008 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 2008 Assessment with 2007 Assessment

| Municipality | 2007 | 2008 | | Comparison | |
|---------------------|-------------------------------|-------------------------------|-------------------|------------------------------|---------------------|
| | | | | Amount | Percentage |
| East Orange | \$618,685.88 | \$662,167.61 | (+) | \$43,481.73 | 7.03% |
| Hillside | 1,140,565.06 | 1,173,565.12 | (+) | 33,000.06 | 2.89% |
| Irvington | 2,515,405.72 | 2,736,006.08 | (+) | 220,600.36 | 8.77% |
| Maplewood | 1,218,858.79 | 1,183,207.51 | (-) | (35,651.28) | -2.92% |
| Millburn | 874,597.23 | 938,999.17 | (+) | 64,401.94 | 7.36% |
| Newark | 1,520,169.72 | 1,627,428.90 | (+) | 107,259.18 | 7.06% |
| Roselle Park | 427,208.21 | 459,904.05 | (+) | 32,695.84 | 7.65% |
| South Orange | 696,002.83 | 750,420.69 | (+) | 54,417.86 | 7.82% |
| Summit | 1,289,702.61 | 1,376,544.58 | (+) | 86,841.97 | 6.73% |
| Union | 2,763,570.16 | 2,744,742.66 | (-) | (18,827.50) | -0.68% |
| West Orange | 1,781,012.13 | 1,920,213.68 | (+) | 139,201.55 | 7.82% |
| | <u>\$14,845,778.34</u> | <u>\$15,573,200.05</u> | (+) | <u>\$727,421.71</u> | <u>4.90%</u> |
| Elizabeth | 6,936,952.28 | 7,575,151.95 | (+) | \$ 638,199.67 | 9.20% |
| Total | <u>\$21,782,730.62</u> | <u>\$23,148,352.00</u> | <u>(+)</u> | <u>\$1,365,621.38</u> | <u>6.27%</u> |

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

City of Elizabeth percentage

| | |
|------|--------------|
| 2004 | 30.39138410% |
| 2005 | 31.38459700% |
| 2006 | 32.13021810% |
| 2007 | 32.78089120% |

Table III, IV, V, VI, and VII, have been prepared to reflect the Domestic Sewer Usage and Industrial User assessment to each municipality for 2008 as a result of the Agreement with the City of Elizabeth which requires 33.6288737% of the 2008 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 33.6288737% 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 2007.

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 2008 are apportioned as follows:

| | <u>2008</u> | <u>2007</u> | | <u>2008</u> | <u>2007</u> |
|-------------|-------------|-------------|--------------|-------------------------|-------------------------|
| East Orange | 4.2520% | 4.1674% | Roselle Park | 2.9532% | 2.8776% |
| Hillside | 7.5358% | 7.6828% | South Orange | 4.8187% | 4.6882% |
| Irvington | 17.5687% | 16.9436% | Summit | 8.8392% | 8.6873% |
| Maplewood | 7.5977% | 8.2101% | Union | 17.6248% | 18.6152% |
| Millburn | 6.0296% | 5.8912% | West Orange | 12.3301% | 11.9969% |
| Newark | 10.4502% | 10.2397% | Total | <u>100.0000%</u> | <u>100.0000%</u> |

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
2008 Budget

| | Treatment Plant | Dewatering Facility | Drying Facility | Sewer | Total |
|--|----------------------------|--------------------------------|----------------------------|-------------------|----------------------|
| Electric Service | \$ 1,737,280 | \$ 190,144 | \$ 30,674 | \$ - | \$ 1,958,098 |
| Gas Service | 24,700 | 7,000 | 20,000 | - | 51,700 |
| Fuel, Oil & Kerosene | 113,300 | 290,200 | - | - | 403,500 |
| Water Service | 172,000 | 57,000 | 3,500 | - | 232,500 |
| Chemicals | 947,000 | 756,900 | 6,800 | 2,200 | 1,712,900 |
| Sludge Disposal | - | 2,378,848 | - | - | 2,378,848 |
| Insurance | 511,754 | 134,962 | 57,943 | 6,065 | 710,724 |
| Administration | 1,342,000 | 760,000 | 20,000 | 140,000 | 2,262,000 |
| Labor | 5,102,000 | 850,000 | 120,000 | 8,000 | 6,080,000 |
| Benefits | 2,477,902 | 418,240 | 43,800 | 65,840 | 3,005,782 |
| Equipment | 259,500 | 28,000 | - | - | 287,500 |
| Printing & Stationery | 15,000 | 2,000 | - | 1,000 | 18,000 |
| Maintenance, Supplies & Spare Parts | 1,113,933 | 329,917 | 5,000 | 256,250 | 1,705,100 |
| Screening Disposal | 130,000 | - | - | - | 130,000 |
| Reserve Contingency | 135,000 | - | - | - | 135,000 |
| Miscellaneous Expenses | 190,000 | 65,000 | - | 120,000 | 375,000 |
| Technical & Professional Services | 425,500 | 80,000 | - | 15,000 | 520,500 |
| Replacement Fund | 500,000 | - | - | - | 500,000 |
| NJPDES & Miscellaneous Permit Fee: | 403,000 | 20,000 | 250,000 | 8,200 | 681,200 |
| | \$ 15,599,869 | \$ 6,368,211 | \$ 557,717 | \$ 622,555 | \$ 23,148,352 |
| | 67.39% | 27.51% | 2.41% | 2.69% | 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 | \$ 2,008,104 | 80% | \$ 1,606,483 | 10% | \$ 200,810 | 10% | \$ 200,811 |
| Power | 1,737,280 | 40% | \$ 694,912 | 5% | \$ 86,864 | 55% | \$ 955,504 |
| Chlorine | 678,600 | 40% | \$ 271,440 | | | 60% | \$ 407,160 |
| Maintenance, Equipment, Supplies, Spare Parts, & Replacement Fund | 2,008,433 | 28% | \$ 562,361 | 27% | \$ 542,277 | 45% | \$ 903,795 |
| Fuel, Oil & Kerosene | 113,300 | 40% | \$ 45,320 | 30% | \$ 33,990 | 30% | \$ 33,990 |
| Administration, Labor & Benefits (Payroll Retirement) | 8,921,902 | 40% | 3,568,761 | 10% | \$ 892,190 | 50% | \$ 4,460,951 |
| Sludge Processing 2 | 132,250 | | | 50% | \$ 66,125 | 50% | \$ 66,125 |
| Total | \$15,599,869 | 100% | \$ 6,749,277 | | \$ 1,822,256 | | \$ 7,028,336 |
| | | | 43.2649595% | | 11.6812263% | | 45.0538142% |

(1) General Expenditures
(From the Approved Budget)

| | |
|------------------------------------|--------------------|
| Insurance | \$ 511,754 |
| Technical & Professional Services | 425,500 |
| Stationery & Printing | 15,000 |
| Gas | 24,700 |
| Water | 172,000 |
| Miscellaneous | 190,000 |
| Service Contracts | 130,000 |
| Permit Fees | 403,000 |
| Sodium Bisulfite & Misc. Chemicals | 136,150 |
| | <u>\$2,008,104</u> |

(2) Sludge Processing

| | |
|---------|-------------------|
| Polymer | \$ 80,000 |
| K2MnO4 | 52,250 |
| | <u>\$ 132,250</u> |

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 | \$ 15,599,869 | \$ 6,749,277 | \$ 1,822,256 | \$ 7,028,336 |
| Dewatering Facility | 6,368,211 | | 3,184,106 | 3,184,106 |
| Drying Facility | 557,717 | | 278,859 | 278,859 |
| | <u>\$ 22,525,797</u> | <u>\$ 6,749,277</u> | <u>\$ 5,285,220</u> | <u>\$10,491,300</u> |
| Subtotal | 100.00% | 29.9624337% | 23.4629656% | 46.5746007% |
| Sewers 1 | \$ 622,555 | | | |
| Total | <u>\$ 23,148,352</u> | | | |

(1) Joint Meeting Members Only

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008 SUMMARY

| MUNICIPALITY | FLOW (MG) | LOADINGS | |
|----------------------|--------------|---------------|---------------|
| | | BOD (tons) | TSS (tons) |
| HILLSIDE | 63.719 | 554.51956521 | 48.38843814 |
| IRVINGTON | 45.646 | 78.99107568 | 28.91211996 |
| MAPLEWOOD | 41.574 | 414.46500696 | 19.04845158 |
| MURRAY HILL | 34.362 | 11.50413762 | 5.84141523 |
| ROSELLE PARK | 1.153 | 0.22116846 | 0.23559249 |
| SUMMIT | 56.584 | 25.07370543 | 47.20731900 |
| UNION | 213.297 | 242.18195736 | 175.12756923 |
| <i>MEMBERS TOTAL</i> | 456.335 | 1326.95661672 | 324.76090563 |
| <i>ELIZABETH</i> | 276.242 | 3045.08062554 | 818.99520993 |
| GRAND TOTAL | 732.577 | 4372.03724226 | 1143.75611556 |

| MUNICIPALITY | FLOW | COSTS | | TOTAL |
|----------------------|--------------|----------------|--------------|----------------|
| | | BOD | TSS | |
| HILLSIDE | \$19,391.05 | \$342,074.39 | \$17,640.46 | \$379,105.90 |
| IRVINGTON | \$13,890.96 | \$48,728.35 | \$10,540.18 | \$73,159.50 |
| MAPLEWOOD | \$12,651.86 | \$255,676.94 | \$6,944.29 | \$275,273.09 |
| MURRAY HILL | \$10,457.09 | \$7,096.72 | \$2,129.54 | \$19,683.35 |
| ROSELLE PARK | \$350.88 | \$136.44 | \$85.89 | \$573.21 |
| SUMMIT | \$17,219.72 | \$15,467.57 | \$17,209.87 | \$49,897.16 |
| UNION | \$64,910.83 | \$149,398.24 | \$63,844.40 | \$278,153.46 |
| <i>MEMBERS TOTAL</i> | \$138,872.38 | \$818,578.65 | \$118,394.63 | \$1,075,845.67 |
| <i>ELIZABETH</i> | \$74,967.40 | \$1,878,462.31 | \$298,572.38 | \$2,252,002.09 |
| GRAND TOTAL | \$213,839.79 | \$2,697,040.96 | \$416,967.01 | \$3,327,847.76 |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008
COST FACTORS

| | FLOW | BOD | TSS |
|-----------------------|---------------|---------------|---------------|
| MEMBER MUNICIPALITIES | \$304.3213346 | \$616.8842613 | \$364.5593672 |
| ELIZABETH | \$271.3830765 | \$616.8842613 | \$364.5593672 |

INDUSTRIAL USER CHARGE - 2008

Municipality: HILLSIDE

| | | | Cost Factors | | | | | |
|-----------------|---|---------|---------------|------------|---------------|---------------|---------------|----------------|
| | | | Concentration | | Flow per MG | BOD per Ton | TSS per Ton | |
| | | | | | \$304.3213346 | \$616.8842613 | \$364.5593672 | |
| IU # | INDUSTRY | SITE | BOD (mg/l) | TSS (mg/l) | FLOW (MG) | BOD (Tons) | TSS (Tons) | ANNUAL PAYMENT |
| 1035 | ECD | 2 | 35 | 5 | 12.312 | 1.7969 | 0.2567 | |
| | | 3 | 126 | 180 | 0.754 | 0.3962 | 0.5660 | |
| | Totals: | | | | 13.066 | 2.1931 | 0.8227 | |
| | Cost Analysis: | | | | \$3,976.26 | \$1,352.89 | \$299.91 | |
| | | | | | | | \$5,629.06 | |
| 1042 | GEC Marconi / BAE | 1 | 2 | 2 | 10.676 | 0.0890 | 0.0890 | |
| | | Totals: | | | | 10.676 | 0.0890 | |
| | Cost Analysis: | | | | \$3,248.93 | \$54.93 | \$32.46 | |
| | | | | | | | \$3,336.32 | |
| 1050 | Manhattan Drug Co. | 4 | 347 | 307 | 0.377 | 0.5455 | 0.4826 | |
| | | Totals: | | | | 0.377 | 0.5455 | |
| | Cost Analysis: | | | | \$114.73 | \$336.52 | \$175.95 | |
| | | | | | | | \$627.20 | |
| 1054 | Oasis Foods | 3 | 3210 | 1111 | 5.128 | 68.6419 | 23.7574 | |
| | | 99 | 170 | 143 | 1.758 | 1.2462 | 1.0483 | |
| | Totals: | | | | 6.886 | 69.8881 | 24.8057 | |
| | Cost Analysis: | | | | \$2,095.56 | \$43,112.88 | \$9,043.14 | |
| | | | | | | | \$54,251.57 | |
| 1058 | Quest Industries | 1 | 502 | 759 | 0.036 | 0.0754 | 0.1139 | |
| | | 2 | 140 | 220 | 0.247 | 0.1442 | 0.2266 | |
| | Totals: | | | | 0.283 | 0.2196 | 0.3405 | |
| | Cost Analysis: | | | | \$86.12 | \$135.44 | \$124.15 | |
| | | | | | | | \$345.71 | |
| 1088 | USA Detergents / Production Services | 1 | 1369 | 105 | 3.961 | 22.6123 | 1.7343 | |
| | | Totals: | | | | 3.961 | 22.6123 | |
| | Cost Analysis: | | | | \$1,205.42 | \$13,949.16 | \$632.26 | |
| | | | | | | | \$15,786.84 | |
| 1090 | Union Beverages | 1 | 4266 | 99 | 23.185 | 412.4431 | 9.5715 | |
| | | 2 | 2137 | 651 | 3.626 | 32.3123 | 9.8434 | |
| | Totals: | | | | 26.811 | 444.7554 | 19.4149 | |
| | Cost Analysis: | | | | \$8,159.16 | \$274,362.61 | \$7,077.87 | |
| | | | | | | | \$289,599.64 | |
| 1091 | Hillside Bottling | 1 | 2055 | 101 | 1.659 | 14.2166 | 0.6987 | |
| | | Totals: | | | | 1.659 | 14.2166 | |
| | Cost Analysis: | | | | \$504.87 | \$8,769.97 | \$254.73 | |
| HILLSIDE TOTALS | | | | | 63.7190 | 554.5196 | 48.3884 | |
| | | | | | \$19,391.05 | \$342,074.39 | \$17,640.46 | \$379,105.90 |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: IRVINGTON

| | | | Cost Factors | | | | | |
|------------------|-------------------------|------|---------------|------------|---------------|---------------|---------------|----------------|
| | | | Concentration | | Flow per MG | BOD per Ton | TSS per Ton | |
| | | | | | \$304.3213346 | \$616.8842613 | \$364.5593672 | |
| IU # | INDUSTRY | SITE | BOD (mg/l) | TSS (mg/l) | FLOW (MG) | BOD (Tons) | TSS (Tons) | ANNUAL PAYMENT |
| 2030 | Hi-Speed Plating | 1 | 62 | 14 | 0.028 | 0.0072 | 0.0016 | |
| | | 99 | 170 | 143 | 0.078 | 0.0553 | 0.0465 | |
| | Totals: | | | | 0.106 | 0.0625 | 0.0481 | |
| | Cost Analysis: | | | | \$32.26 | \$38.58 | \$17.55 | \$88.39 |
| 2036 | Intergel | 1 | 902 | 120 | 1.602 | 6.0257 | 0.8016 | |
| | | | | | 1.602 | 6.0257 | 0.8016 | |
| | Totals: | | | | \$487.52 | \$3,717.14 | \$292.25 | \$4,496.91 |
| | Cost Analysis: | | | | | | | |
| 2040 | Jocely (formerly Jabel) | 1 | 134 | 47 | 0.033 | 0.0184 | 0.0065 | |
| | | 99 | 170 | 143 | 0.130 | 0.0922 | 0.0775 | |
| | Totals: | | | | 0.163 | 0.1106 | 0.0840 | |
| | Cost Analysis: | | | | \$49.60 | \$68.23 | \$30.62 | \$148.45 |
| 2057 | SAL Cleaners | 1 | 725 | 110 | 2.775 | 8.3895 | 1.2729 | |
| | | 99 | 170 | 143 | 0.127 | 0.0900 | 0.0757 | |
| | Totals: | | | | 2.902 | 8.4795 | 1.3486 | |
| | Cost Analysis: | | | | \$883.14 | \$5,230.90 | \$491.65 | \$6,605.69 |
| 2066 | Wayne County Foods | 1 | 8271 | 207 | 1.213 | 41.8365 | 1.0470 | |
| | | 99 | 170 | 143 | 0.210 | 0.1489 | 0.1252 | |
| | Totals: | | | | 1.423 | 41.9853 | 1.1723 | |
| | Cost Analysis: | | | | \$433.05 | \$25,900.09 | \$427.36 | \$26,760.50 |
| 2072 | Clean-Tex Services | 1 | 135 | 155 | 38.633 | 21.7484 | 24.9704 | |
| | | 99 | 170 | 143 | 0.817 | 0.5790 | 0.4870 | |
| | Totals: | | | | 39.450 | 22.3274 | 25.4574 | |
| | Cost Analysis: | | | | \$12,005.39 | \$13,773.43 | \$9,280.75 | \$35,059.56 |
| IRVINGTON TOTALS | | | | | 45.6457 | 78.9911 | 28.9121 | |
| | | | | | \$13,890.96 | \$48,728.35 | \$10,540.18 | \$73,159.50 |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: MAPLEWOOD

| | | | Cost Factors | | | | | |
|------------------|--------------------------|----------------|---------------|---------------|---------------|---------------|---------------|-------------------|
| | | | Concentration | | Flow per MG | BOD per Ton | TSS per Ton | |
| | | | | | \$304.3213346 | \$616.8842613 | \$364.5593672 | |
| IU # | INDUSTRY | SITE | BOD (mg/l) | TSS (mg/l) | FLOW (MG) | BOD (Tons) | TSS (Tons) | ANNUAL PAYMENT |
| 3020 | Gleason Cleaners | 1 | 199 | 78 | 0.640 | 0.5311 | 0.2082 | |
| | | 99 | 170 | 143 | 0.198 | 0.1404 | 0.1181 | |
| | | Totals: | | | 0.838 | 0.671 | 0.326 | |
| | | Cost Analysis: | | | \$255.02 | \$414.21 | \$118.93 | \$788.16 |
| | | | | | | | | |
| 3033 | NJ Transit - Hilton Gar. | 3a | 268 | 279 | 6.214 | 6.9445 | 7.2296 | |
| | | Totals: | | | 6.214 | 6.9445 | 7.2296 | |
| | | Cost Analysis: | | | \$1,891.05 | \$4,283.96 | \$2,635.60 | \$8,810.62 |
| | | | | | | | | |
| | | | | | | | | |
| 3046 | UniClean | 1 | 94 | 18 | 2.356 | 0.9235 | 0.1768 | |
| | | 99 | 170 | 143 | 0.198 | 0.1404 | 0.1181 | |
| | | Totals: | | | 2.554 | 1.0639 | 0.2949 | |
| | | Cost Analysis: | | | \$777.24 | \$656.28 | \$107.51 | \$1,541.03 |
| | | | | | | | | |
| 3050 | Maplewood Beverage | 1 | 3044 | 84 | 31.968 | 405.7852 | 11.1978 | |
| | | Totals: | | | 31.968 | 405.7852 | 11.1978 | |
| | | Cost Analysis: | | | \$9,728.54 | \$250,322.48 | \$4,082.25 | \$264,133.27 |
| | | | | | | | | |
| | | | | | | | | |
| MAPLEWOOD TOTALS | | | | | 41.5740 | 414.4650 | 19.0485 | |
| | | | | | \$12,651.86 | \$255,676.94 | \$6,944.29 | \$275,273.09 |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: MURRAY HILL

| IU # | INDUSTRY | SITE | Concentration | | Cost Factors | | | ANNUAL PAYMENT |
|--------------------|-----------------------|------|---------------|---------------|---------------|---------------|---------------|-------------------|
| | | | | | Flow per MG | BOD per Ton | TSS per Ton | |
| | | | | | \$304.3213346 | \$616.8842613 | \$364.5593672 | |
| | | | BOD (mg/l) | TSS (mg/l) | FLOW (MG) | BOD (Tons) | TSS (Tons) | |
| 5010 | Bell Labs / Lucent | 1 | 18 | 5 | 25.515 | 1.9152 | 0.5320 | |
| | Totals: | | | | 25.515 | 1.9152 | 0.5320 | |
| | Cost Analysis: | | | | \$7,764.76 | \$1,181.43 | \$193.94 | \$9,140.13 |
| 5011 | Baxter Pharmaceutical | 1 | 549 | 746 | 0.845 | 1.9345 | 2.6286 | |
| | Totals: | | | | 0.845 | 1.9345 | 2.6286 | |
| | Cost Analysis: | | | | \$257.15 | \$1,193.35 | \$958.30 | \$2,408.80 |
| 5020 | Fablok Mills | 4 | 292 | 79 | 5.323 | 6.4815 | 1.7536 | |
| | Totals: | | | | 5.323 | 6.4815 | 1.7536 | |
| | Cost Analysis: | | | | \$1,619.90 | \$3,998.33 | \$639.28 | \$6,257.51 |
| 5021 | FRC-Electrical Ind | 1 | 105 | 83 | 2.679 | 1.1730 | 0.9272 | |
| | Totals: | | | | 2.679 | 1.1730 | 0.9272 | |
| | Cost Analysis: | | | | \$815.28 | \$723.61 | \$338.03 | \$1,876.91 |
| MURRAY HILL TOTALS | | | | | 34.3620 | 11.5041 | 5.8414 | |
| | | | | | \$10,457.09 | \$7,096.72 | \$2,129.54 | \$19,683.35 |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: ROSELLE PARK

| IU # | INDUSTRY | SITE | Concentration | BOD (mg/l) | TSS (mg/l) | Cost Factors | | | ANNUAL PAYMENT |
|---------------------|------------------|------|---------------|---------------|---------------|------------------------------|------------------------------|------------------------------|-------------------|
| | | | | | | Flow per MG \$304.3213346 | BOD per Ton \$616.8842613 | TSS per Ton \$364.5593672 | |
| 6005 | Hexacon Electric | 2 | 46 | 49 | | 1.153 | 0.2212 | 0.2356 | \$573.21 |
| | | | | | | 1.153 | 0.2212 | 0.2356 | |
| | | | | | | \$350.88 | \$136.44 | \$85.89 | |
| | Totals: | | | | | | | | |
| | Cost Analysis: | | | | | | | | |
| ROSELLE PARK TOTALS | | | | | | 1.1530 | 0.2212 | 0.2356 | \$573.21 |
| | | | | | | \$350.88 | \$136.44 | \$85.89 | |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: SUMMIT

| IU # | INDUSTRY | SITE | Concentration | | Cost Factors | | | ANNUAL PAYMENT |
|---------------|----------------------|------|---------------|---------------|------------------------------|------------------------------|------------------------------|-------------------|
| | | | | | Flow per MG \$304.3218346 | BOD per Ton \$616.8842613 | TSS per Ton \$364.5593672 | |
| | | | BOD (mg/l) | TSS (mg/l) | FLOW (MG) | BOD (Tons) | TSS (Tons) | |
| 5511 | Novartis Groundwater | 4 | 2 | 7 | 1.27 | 0.0106 | 0.0371 | |
| | Totals: | | | | 1.27 | 0.0106 | 0.0371 | |
| | Cost Analysis: | | | | \$386.49 | \$6.53 | \$13.51 | \$406.54 |
| 5512 | Summit Property Co. | 03A | 47 | 129 | 41.793 | 8.1910 | 22.4817 | |
| | | 99 | 170 | 143 | 5.038 | 3.5714 | 3.0042 | |
| | Totals: | | | | 46.831 | 11.7624 | 25.4859 | |
| | Cost Analysis: | | | | \$14,251.67 | \$7,256.07 | \$9,291.13 | \$30,798.87 |
| 5513 | Celgene Corporation | 1 | 376 | 613 | 8.483 | 13.3007 | 21.6843 | |
| | Totals: | | | | 8.483 | 13.3007 | 21.6843 | |
| | Cost Analysis: | | | | \$2,581.56 | \$8,204.97 | \$7,905.23 | \$18,691.75 |
| SUMMIT TOTALS | | | | | 56.5840 | 25.0737 | 47.2073 | |
| | | | | | \$17,219.72 | \$15,467.57 | \$17,209.87 | \$49,897.16 |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: UNION

| IU # | INDUSTRY | SITE | Concentration | | Cost Factors | | | ANNUAL PAYMENT |
|------|--------------------------|-------------|---------------|---------------|------------------------------|------------------------------|------------------------------|-------------------|
| | | | BOD (mg/l) | TSS (mg/l) | Flow per MG \$304.3213346 | BOD per Ton \$616.8842613 | TSS per Ton \$364.5593672 | |
| 7015 | ACuPowder | 3 (99) 4 | 170 | 143 | 0.035 | 0.0248 | 0.0209 | \$1,119.74 |
| | | | 98 | 140 | 1.412 | 0.5770 | 0.8243 | |
| | | | | | 1.447 | 0.6018 | 0.8452 | |
| | | | | | \$440.35 | \$371.27 | \$308.12 | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7035 | American Products | 1 | 376 | 360 | 1.07 | 1.6777 | 1.6063 | \$1,946.14 |
| | | | | | 1.07 | 1.6777 | 1.6063 | |
| | | | | | \$325.62 | \$1,034.93 | \$585.59 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7045 | Breeze /TransTechnology | 1 | 269 | 419 | 1.631 | 1.8295 | 2.8497 | \$2,663.86 |
| | | | | | 1.631 | 1.8295 | 2.8497 | |
| | | | | | \$496.35 | \$1,128.62 | \$1,038.90 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7060 | National Envelope | 1 | 373 | 506 | 1.856 | 2.8868 | 3.9162 | \$3,773.35 |
| | | | | | 1.856 | 2.8868 | 3.9162 | |
| | | | | | \$564.82 | \$1,780.85 | \$1,427.69 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7070 | Durex | 1 | 216 | 122 | 3.441 | 3.0994 | 1.7506 | \$3,597.32 |
| | | | | | 3.441 | 3.0994 | 1.7506 | |
| | | | | | \$1,047.17 | \$1,911.96 | \$638.19 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7077 | Siemens Water Technology | 4 | 48 | 30 | 2.550 | 0.5104 | 0.3190 | \$1,207.18 |
| | | | | | 2.550 | 0.5104 | 0.3190 | |
| | | | | | \$776.02 | \$314.86 | \$116.30 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7080 | Foremost Mfg | 2 | 21 | 179 | 16.204 | 1.4190 | 12.0952 | \$10,215.97 |
| | | | | | 16.204 | 1.4190 | 12.0952 | |
| | | | | | \$4,931.22 | \$875.35 | \$4,409.40 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7088 | Hanovia | 1 | 31 | 65 | 0.747 | 0.0966 | 0.2025 | \$360.71 |
| | | | | | 0.747 | 0.0966 | 0.2025 | |
| | | | | | \$227.33 | \$59.57 | \$73.81 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7092 | International Paint | 2 | 50 | 73 | 5.732 | 1.1951 | 1.7449 | \$3,117.73 |
| | | | | | 5.732 | 1.1951 | 1.7449 | |
| | | | | | \$1,744.37 | \$737.25 | \$636.11 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7105 | Stonco Lighting | 2 | 200 | 265 | 1.179 | 0.9833 | 1.3029 | \$1,440.34 |
| | | | | | 1.179 | 0.9833 | 1.3029 | |
| | | | | | \$358.79 | \$606.57 | \$474.97 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |
| 7145 | Schering | 5 | 23 | 28 | 155.129 | 14.8784 | 18.1129 | \$62,990.54 |
| | | | | | 155.129 | 14.8784 | 18.1129 | |
| | | | | | \$47,209.06 | \$9,178.26 | \$6,603.21 | |
| | | | | | | | | |
| | Totals: | | | | | | | |
| | Cost Analysis: | | | | | | | |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: UNION

| IU # | INDUSTRY | SITE | Concentration | | Cost Factors | | | ANNUAL PAYMENT |
|--------------|--------------------|------|---------------|---------------|---------------|---------------|---------------|-------------------|
| | | | | | Flow per MG | BOD per Ton | TSS per Ton | |
| | | | | | \$304.3213346 | \$616.8842613 | \$364.5593672 | |
| | | | BOD (mg/l) | TSS (mg/l) | FLOW (MG) | BOD (Tons) | TSS (Tons) | |
| 7150 | SS Studios | 1 | 285 | 259 | 0.123 | 0.1462 | 0.1328 | |
| | Totals: | | | | 0.123 | 0.1462 | 0.1328 | |
| | Cost Analysis: | | | | \$37.43 | \$90.18 | \$48.43 | \$176.04 |
| 7155 | Tessler & Weiss | 22 | 133 | 86 | 1.554 | 0.8619 | 0.5573 | |
| | Totals: | | | | 1.554 | 0.8619 | 0.5573 | |
| | Cost Analysis: | | | | \$472.92 | \$531.67 | \$203.17 | \$1,207.75 |
| 7167 | Turbo Braze | 1 | 197 | 292 | 0.304 | 0.2497 | 0.3702 | |
| | Totals: | | | | 0.304 | 0.2497 | 0.3702 | |
| | Cost Analysis: | | | | \$92.51 | \$154.06 | \$134.95 | \$381.52 |
| 7191 | Cintas | 1 | 211 | 109 | 12.534 | 11.0283 | 5.6971 | |
| | Totals: | | | | 12.534 | 11.0283 | 5.6971 | |
| | Cost Analysis: | | | | \$3,814.36 | \$6,803.18 | \$2,076.92 | \$12,694.47 |
| 7192 | Merril Corporation | 1 | 806 | 941 | 0.509 | 1.7108 | 1.9973 | |
| | Totals: | | | | 0.509 | 1.7108 | 1.9973 | |
| | Cost Analysis: | | | | \$154.90 | \$1,055.34 | \$728.13 | \$1,938.37 |
| 7193 | Lioni Latticini | 1 | 7348 | 4486 | 6.476 | 198.4322 | 121.1441 | |
| | | 1 | 170 | 143 | 0.317 | 0.2247 | 0.1890 | |
| | Totals: | | | | 6.793 | 198.6569 | 121.3331 | |
| | Cost Analysis: | | | | \$2,067.25 | \$122,548.30 | \$44,233.12 | \$168,848.67 |
| 7194 | BASF Catalysts | 99 | 170 | 143 | 0.494 | 0.3502 | 0.2946 | |
| | Totals: | | | | 0.494 | 0.3502 | 0.2946 | |
| | Cost Analysis: | | | | \$150.33 | \$216.03 | \$107.39 | \$473.76 |
| UNION TOTALS | | | | | 213.2970 | 242.1820 | 175.1276 | |
| | | | | | \$64,910.83 | \$149,398.24 | \$63,844.40 | \$278,153.46 |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: ELIZABETH

| IU # | INDUSTRY | SITE | Concentration | | Cost Factors | | | ANNUAL PAYMENT |
|------|---|------|---------------|---------------|------------------------------|------------------------------|------------------------------|-------------------|
| | | | | | Flow per MG \$271.3830765 | BOD per Ton \$616.8842613 | TSS per Ton \$364.5593672 | |
| | | | BOD (mg/l) | TSS (mg/l) | FLOW (MG) | BOD (Tons) | TSS (Tons) | |
| 0033 | Cargill Flavor Systems | 1 | 517 | 105 | 1.286 | 2.7725 | 0.5631 | |
| | Totals: | | | | 1.286 | 2.7725 | 0.5631 | |
| | Cost Analysis: | | | | \$349.00 | \$1,710.30 | \$205.27 | \$2,264.57 |
| 0037 | Deb-El Foods | 1 | 2158 | 362 | 3.619 | 32.5669 | 5.4630 | |
| | Totals: | | | | 3.619 | 32.5669 | 5.4630 | |
| | Cost Analysis: | | | | \$982.14 | \$20,089.99 | \$1,991.60 | \$23,063.72 |
| 0062 | Garcia Laundry | 2 | 689 | 218 | 3.469 | 9.9669 | 3.1535 | |
| | Totals: | | | | 3.469 | 9.9669 | 3.1535 | |
| | Cost Analysis: | | | | \$941.43 | \$6,148.42 | \$1,149.65 | \$8,239.49 |
| 0067 | Actavis (formerly Purepac) | 3 | 1375 | 159 | 14.752 | 84.5843 | 9.7810 | |
| | Totals: | | | | 14.752 | 84.5843 | 9.7810 | |
| | Cost Analysis: | | | | \$4,003.44 | \$52,178.71 | \$3,565.76 | \$59,747.92 |
| 0070 | LORCO | 2 | 8530 | 54 | 18.736 | 666.4414 | 4.2190 | |
| | Totals: | | | | 18.736 | 666.4414 | 4.2190 | |
| | Cost Analysis: | | | | \$5,084.63 | \$411,117.21 | \$1,538.07 | \$417,739.91 |
| 0075 | Mastercraft Electroplating | 1 | 2 | 5 | 0.009 | 0.0001 | 0.0002 | |
| | | 99 | 170 | 143 | 0.024 | 0.0170 | 0.0143 | |
| | Totals: | | | | 0.033 | 0.0171 | 0.0145 | |
| | Cost Analysis: | | | | \$8.96 | \$10.54 | \$5.29 | \$24.78 |
| 0078 | Magnolia Beef | 1 | 1197 | 927 | 0.107 | 0.5341 | 0.4136 | |
| | | 99 | 170 | 143 | 0.198 | 0.1404 | 0.1181 | |
| | Totals: | | | | 0.305 | 0.6745 | 0.5317 | |
| | Cost Analysis: | | | | \$82.77 | \$416.06 | \$193.83 | \$692.66 |
| 0091 | NJ Turnpike Authority | 1 | 5 | 6 | 1.766 | 0.0368 | 0.0442 | |
| | Totals: | | | | 1.766 | 0.0368 | 0.0442 | |
| | Cost Analysis: | | | | \$479.26 | \$22.71 | \$16.11 | \$518.09 |
| 0093 | OENJ | 4 | 6 | 50 | 10.503 | 0.2628 | 2.1899 | |
| | Totals: | | | | 10.503 | 0.2628 | 2.1899 | |
| | Cost Analysis: | | | | \$2,850.34 | \$162.11 | \$798.34 | \$3,810.78 |
| 0098 | Olympia Trails | 1 | 616 | 563 | 1.700 | 4.3668 | 3.9911 | |
| | | 99 | 170 | 143 | 0.38 | 0.2694 | 0.2266 | |
| | Totals: | | | | 2.08 | 4.6362 | 4.2177 | |
| | Cost Analysis: | | | | \$564.48 | \$2,860.00 | \$1,537.60 | \$4,962.08 |
| 0100 | Michaels Foods - North Avenue Facility | 4 | 2947 | 981 | 85.236 | 1047.4644 | 348.6809 | |
| | | 4a | 1711 | 410 | 12.097 | 86.3105 | 20.6822 | |
| | | 4b | 1152 | 229 | 5.308 | 25.4988 | 5.0688 | |
| | | 99 | 170 | 143 | 0.833 | 0.5905 | 0.4967 | |
| | Totals: | | | | 103.474 | 1159.8642 | 374.9286 | |
| | Cost Analysis: | | | | \$28,081.09 | \$715,501.95 | \$136,683.74 | \$880,266.78 |

JOINT MEETING OF ESSEX & UNION COUNTIES

INDUSTRIAL USER CHARGE - 2008

Municipality: ELIZABETH

| | | | Cost Factors | | | | | |
|------------------|---|--------------|---------------|------------|---------------|----------------|---------------|----------------|
| | | | Concentration | | Flow per MG | BOD per Ton | TSS per Ton | |
| | | | | | \$271.3830765 | \$616.8842613 | \$364.5593672 | |
| IU # | INDUSTRY | SITE | BOD (mg/l) | TSS (mg/l) | FLOW (MG) | BOD (Tons) | TSS (Tons) | ANNUAL PAYMENT |
| 0105 | Michaels Foods - Papetti Plaza Facility | 2 | 3378 | 1312 | 65.031 | 916.0436 | 355.7872 | |
| | | 2a | 2088 | 294 | 8.552 | 74.4619 | 10.4846 | |
| | | 2b | 2091 | 261 | 1.641 | 14.3087 | 1.7860 | |
| | | 3 | 396 | 584 | 0.739 | 1.2203 | 1.7997 | |
| | Totals: | | | | 75.963 | 1006.0345 | 369.8575 | |
| | Cost Analysis: | | | | \$20,615.07 | \$620,606.83 | \$134,835.01 | \$776,056.91 |
| | 0120 | Phelps Dodge | 99 | 170 | 143 | 0.239 | 0.1694 | 0.1425 |
| Totals: | | | | | 0.239 | 0.1694 | 0.1425 | |
| Cost Analysis: | | | | | \$64.86 | \$104.52 | \$51.96 | \$221.33 |
| 0148 | Superior Powder Coating | 1 | 38 | 25 | 2.632 | 0.4171 | 0.2744 | |
| | | 99 | 170 | 143 | 0.607 | 0.4303 | 0.3620 | |
| | Totals: | | | | 3.239 | 0.8474 | 0.6363 | |
| | Cost Analysis: | | | | \$879.01 | \$522.73 | \$231.99 | \$1,633.72 |
| 0155 | Duro Bag | 1 | 123 | 125 | 15.508 | 7.9542 | 8.0835 | |
| | | 2 | 81 | 88 | 3.906 | 1.3193 | 1.4333 | |
| | | 3 | 331 | 435 | 1.129 | 1.5583 | 2.0479 | |
| | Totals: | | | | 20.543 | 10.8319 | 11.5648 | |
| Cost Analysis: | | | | \$5,575.02 | \$6,682.01 | \$4,216.07 | \$16,473.10 | |
| 0165 | Wakefern Food Corp. | 2 | 147 | 180 | 5.037 | 3.0876 | 3.7808 | |
| | | 3a | 321 | 386 | 4.338 | 5.8067 | 6.9825 | |
| | | 4 | 356 | 667 | 0.531 | 0.7883 | 1.4769 | |
| | | 7 | 179 | 56 | 0.248 | 0.1851 | 0.0579 | |
| | Totals: | | | | 10.154 | 9.8677 | 12.2981 | |
| Cost Analysis: | | | | \$2,755.62 | \$6,087.25 | \$4,483.40 | \$13,326.28 | |
| 0175 | Prince Donut Co. | 3 | 3525 | 1292 | 2.884 | 42.3926 | 15.5380 | |
| | | 99 | 170 | 143 | 0.333 | 0.2361 | 0.1986 | |
| | Totals: | | | | 3.217 | 42.6287 | 15.7365 | |
| Cost Analysis: | | | | \$873.04 | \$26,296.97 | \$5,736.90 | \$32,906.91 | |
| 0178 | 814 Americas | 3 | 359 | 330 | 2.332 | 3.4911 | 3.2091 | |
| | | 99 | 170 | 143 | 0.145 | 0.1028 | 0.0865 | |
| | Totals: | | | | 2.477 | 3.5939 | 3.2955 | |
| Cost Analysis: | | | | \$672.22 | \$2,217.00 | \$1,201.42 | \$4,090.63 | |
| 0185 | Cavalier Chemical | 1 | 12240 | 313 | 0.179 | 9.1363 | 0.2336 | |
| | | 99 | 170 | 143 | 0.208 | 0.1475 | 0.1240 | |
| | Totals: | | | | 0.387 | 9.2838 | 0.3577 | |
| Cost Analysis: | | | | \$105.03 | \$5,727.00 | \$130.39 | \$5,962.42 | |
| ELIZABETH TOTALS | | | | | 276.2420 | 3,045.0806 | 818.9952 | |
| | | | | | \$74,967.40 | \$1,878,462.31 | \$298,572.38 | \$2,252,002.09 |