

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding made effective the date of approval evidenced by execution of both Norristown Municipal Water Authority (the “Authority”) and the Township of West Norriton (the “Township”).

### BACKGROUND

- A. The Authority (by its predecessor, the Borough of Norristown) and the Township (by its predecessor, the West Norriton Township Municipal Authority) entered into an Intermunicipal Treatment Agreement dated November 16, 1985 (the “Agreement”).
- B. The Agreement provides for the sharing of capacity (the “Reserved Capacity”) at the Authority’s wastewater treatment plant (the “Treatment Plant”).
- C. The Reserved Capacity is allocated 2/3 to the Authority and 1/3 to the Township.
- D. The Authority has entered into a capital improvement project (the “Project”) as is generally identified in Exhibit “A” attached hereto.
- E. Both parties hereto agree that the Project is necessary and desirable for the proper maintenance and operation of the Treatment Plant.
- F. Consistent with the terms of the Agreement, the parties hereto intend to share the total costs of the Project (the “Project Costs”) in the method as set forth hereinbelow, determined by their respective Reserved Capacity.
- G. An estimate of the Project Costs is indicated in Exhibit “B” attached hereto.
- H. The Project Costs are being funded by a bank loan (the “Bank Loan”) in the amount of \$10,000,000 that was obtained by the Authority as well as internal funds (the “Internal Funds”) provided by the Authority. Based on the costs set forth in Exhibit B, the estimated amount of the Internal Funds is \$4,234,500. The final amount of the Internal Funds utilized for the Project will be based on the final Project Costs.
- I. An amortization schedule for the Bank Loan is set forth in Exhibit “C” attached hereto. The repayment of the final Internal Funds will be made on the same terms as the amortization schedule presented in Exhibit “C”. An amortization schedule for the Internal Funds is set forth in Exhibit “D” attached hereto.

- J. During the construction period of the Project, the Authority will be drawing down the \$10,000,000 Bank Loan based on the amount of money expended each month. The terms of the Bank Loan provide that the Authority will pay interest only on the amount of funds withdrawn. This arrangement is not shown on Exhibit "C".

Now, therefore, the parties hereto accepting the statements set forth in the above Background, agree to the following:

1. The Authority shall be responsible for the following:
  - a. Payment of the Project Cost by payment of the Bank Loan (the "Debt Service Costs") and the use of the Internal Funds;
  - b. Providing the Township with the actual Project Cost, including pertinent documentation to support such cost;
  - c. Providing the Township with the final amount of the Internal Funds expended as well as an updated Exhibit "D" reflecting the final amount of the Internal Funds.
2. During the effective term of the Agreement, the Township shall continue to make required payments to the Authority pursuant to the Agreement. In addition, the Township will make quarterly payments equal to, 1/3 of the Debt Service payments made during the quarter as indicated on Exhibit "C". The Township will also make quarterly payments equal to 1/3 of the Internal Funds payment schedule as indicated on Exhibit "D". Notwithstanding, the Township may pay the then remaining portion, in full of its designated share of the principal amount of the Project Costs.
3. In addition to the above payments, the Township shall pay 1/3 of the interest only payments made by the Authority as billed by the Authority on an installment basis.
4. The terms and conditions of this Understanding of Agreement related to reimbursement of the combined Debt Service Costs (including the principal portion thereof) shall be terminated in the event that the rights of the Township pursuant to the terms of the Agreement are altered, reduced or eliminated, whereupon the

reimbursement of Costs of the Project may be renegotiated by the parties having any Reserved Capacity in the Treatment Plant.

5. Any future changes or modifications of the Agreement or this Understanding of Agreement shall occur only upon the written consent of both parties hereto, or their respective successors and assigns.

In witness thereof the Authority and Township execute this document the dates appearing hereinbelow.

Date: \_\_\_\_\_

**Norristown Municipal Water Authority**

Attest: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_

**Township of West Norriton**

Attest: \_\_\_\_\_

By: \_\_\_\_\_

**MEMORANDUM OF UNDERSTANDING  
NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AND  
WEST NORRITON TOWNSHIP**

**EXHIBIT A**

**PROJECT DESCRIPTION**

## **MEMORANDUM OF UNDERSTANDING PROJECT DESCRIPTION**

The upgrade of the wastewater treatment plant operated by the Norristown Municipal Waste Authority consists of the following:

1. Demolition
  - Influent pump station building
  - Maintenance building
  - Chlorine disinfection building
  
2. Renovation/Improvements
  - Dewatering building
  - Administration building
  
3. Replacement
  - Influent pumps, piping and controls
  - Aeration equipment and blowers
  - Dewatering equipment (owner supplied)
  - Bar screen (not in original bid)
  
4. Construction/Installation
  - New Maintenance building
  - New Blower building
  - New Chlorine Disinfection and Electrical building
  - Supervisory Control and Data Acquisition System (SCADA)
  - Ballasted Biological Treatment System (not in original bid)

**MEMORANDUM OF UNDERSTANDING  
NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AND  
WEST NORRITON TOWNSHIP**

**EXHIBIT B  
PROJECT COSTS**

**MEMORANDUM OF UNDERSTANDING  
PROJECT COST ESTIMATE**

<u>Item</u>		<u>Comments</u>
Maintenance Garage:		
General (MG-1)	\$840,040	Final amount of contract
Electrical (MG-2)	<u>\$84,460</u>	Final amount of contract
Subtotal	\$924,500	
Sewer Plant Upgrade:		
General (WWTP-1)	\$7,878,780	Bid amount
Electrical (WWTP-2)	\$1,924,455	Bid amount
HVAC (WWTP-3)	\$401,717	Bid amount
Contingency	\$255,148	Estimated at 2.5% of bids
Belt Filter Press	<u>\$539,900</u>	Purchased by Authority
Subtotal	\$11,000,000	
Additional Improvements:		Not in original bids
Nuvoda System	\$225,000	Biological Treatment
Bar Screen	<u>\$785,000</u>	Replacement
Subtotal	\$1,010,000	
Engineering	<u>\$1,300,000</u>	
<b>TOTAL PROJECT COSTS</b>	<b>\$14,234,500</b>	
Bank Loan	<u>\$10,000,000</u>	
Internal Funds	\$4,234,500	

**MEMORANDUM OF UNDERSTANDING  
NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AND  
WEST NORRITON TOWNSHIP**

**EXHIBIT C**

**LOAN AMORTIZATION SCHEDULE**



NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF \$10,000,000 BANK LOAN

Month	Principal Payment	Interest Payment	Total Payment	Loan Balance
0				10,000,000.00
1	\$44,990.20	\$22,812.50	\$67,802.70	9,955,009.80
2	45,092.83	22,709.87	67,802.70	9,909,916.97
3	45,195.70	22,607.00	67,802.70	9,864,721.27
4	45,298.80	22,503.90	67,802.70	9,819,422.47
5	45,402.14	22,400.56	67,802.70	9,774,020.33
6	45,505.71	22,296.98	67,802.70	9,728,514.61
7	45,609.52	22,193.17	67,802.70	9,682,905.09
8	45,713.57	22,089.13	67,802.70	9,637,191.52
9	45,817.86	21,984.84	67,802.70	9,591,373.66
10	45,922.38	21,880.32	67,802.70	9,545,451.28
11	46,027.14	21,775.56	67,802.70	9,499,424.15
12	46,132.14	21,670.56	67,802.70	9,453,292.01
13	46,237.38	21,565.32	67,802.70	9,407,054.63
14	46,342.85	21,459.84	67,802.70	9,360,711.78
15	46,448.57	21,354.12	67,802.70	9,314,263.20
16	46,554.54	21,248.16	67,802.70	9,267,708.67
17	46,660.74	21,141.96	67,802.70	9,221,047.93
18	46,767.18	21,035.52	67,802.70	9,174,280.75
19	46,873.87	20,928.83	67,802.70	9,127,406.88
20	46,980.80	20,821.90	67,802.70	9,080,426.08
21	47,087.98	20,714.72	67,802.70	9,033,338.10
22	47,195.40	20,607.30	67,802.70	8,986,142.70
23	47,303.06	20,499.64	67,802.70	8,938,839.64
24	47,410.97	20,391.73	67,802.70	8,891,428.67
25	47,519.13	20,283.57	67,802.70	8,843,909.55
26	47,627.53	20,175.17	67,802.70	8,796,282.02
27	47,736.18	20,066.52	67,802.70	8,748,545.84
28	47,845.08	19,957.62	67,802.70	8,700,700.76
29	47,954.22	19,848.47	67,802.70	8,652,746.54
30	48,063.62	19,739.08	67,802.70	8,604,682.92
31	48,173.27	19,629.43	67,802.70	8,556,509.65
32	48,283.16	19,519.54	67,802.70	8,508,226.49
33	48,393.31	19,409.39	67,802.70	8,459,833.18
34	48,503.70	19,298.99	67,802.70	8,411,329.48
35	48,614.35	19,188.35	67,802.70	8,362,715.13
36	48,725.25	19,077.44	67,802.70	8,313,989.87
37	48,836.41	18,966.29	67,802.70	8,265,153.46
38	48,947.82	18,854.88	67,802.70	8,216,205.65
39	49,059.48	18,743.22	67,802.70	8,167,146.17
40	49,171.40	18,631.30	67,802.70	8,117,974.77
41	49,283.57	18,519.13	67,802.70	8,068,691.20
42	49,396.00	18,406.70	67,802.70	8,019,295.21
43	49,508.68	18,294.02	67,802.70	7,969,786.52

NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF \$10,000,000 BANK LOAN

Month	Principal Payment	Interest Payment	Total Payment	Loan Balance
44	49,621.62	18,181.08	67,802.70	7,920,164.90
45	49,734.82	18,067.88	67,802.70	7,870,430.08
46	49,848.28	17,954.42	67,802.70	7,820,581.80
47	49,962.00	17,840.70	67,802.70	7,770,619.80
48	50,075.97	17,726.73	67,802.70	7,720,543.83
49	50,190.21	17,612.49	67,802.70	7,670,353.63
50	50,304.70	17,497.99	67,802.70	7,620,048.92
51	50,419.46	17,383.24	67,802.70	7,569,629.46
52	50,534.48	17,268.22	67,802.70	7,519,094.98
53	50,649.76	17,152.94	67,802.70	7,468,445.22
54	50,765.31	17,037.39	67,802.70	7,417,679.91
55	50,881.12	16,921.58	67,802.70	7,366,798.79
56	50,997.19	16,805.51	67,802.70	7,315,801.60
57	51,113.53	16,689.17	67,802.70	7,264,688.08
58	51,230.13	16,572.57	67,802.70	7,213,457.95
59	51,347.00	16,455.70	67,802.70	7,162,110.95
60	51,464.13	16,338.57	67,802.70	7,110,646.82
61	51,581.54	16,221.16	67,802.70	7,059,065.28
62	51,699.21	16,103.49	67,802.70	7,007,366.08
63	51,817.14	15,985.55	67,802.70	6,955,548.93
64	51,935.35	15,867.35	67,802.70	6,903,613.58
65	52,053.83	15,748.87	67,802.70	6,851,559.75
66	52,172.58	15,630.12	67,802.70	6,799,387.17
67	52,291.60	15,511.10	67,802.70	6,747,095.58
68	52,410.89	15,391.81	67,802.70	6,694,684.69
69	52,530.45	15,272.25	67,802.70	6,642,154.24
70	52,650.28	15,152.41	67,802.70	6,589,503.96
71	52,770.39	15,032.31	67,802.70	6,536,733.57
72	52,890.77	14,911.92	67,802.70	6,483,842.79
73	53,011.43	14,791.27	67,802.70	6,430,831.36
74	53,132.36	14,670.33	67,802.70	6,377,699.00
75	53,253.57	14,549.13	67,802.70	6,324,445.42
76	53,375.06	14,427.64	67,802.70	6,271,070.37
77	53,496.82	14,305.88	67,802.70	6,217,573.55
78	53,618.86	14,183.84	67,802.70	6,163,954.69
79	53,741.18	14,061.52	67,802.70	6,110,213.51
80	53,863.77	13,938.92	67,802.70	6,056,349.74
81	53,986.65	13,816.05	67,802.70	6,002,363.09
82	54,109.81	13,692.89	67,802.70	5,948,253.28
83	54,233.25	13,569.45	67,802.70	5,894,020.03
84	54,356.97	13,445.73	67,802.70	5,839,663.07
85	54,480.97	13,321.73	67,802.70	5,785,182.10
86	54,605.25	13,197.45	67,802.70	5,730,576.85
87	54,729.82	13,072.88	67,802.70	5,675,847.03

NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF \$10,000,000 BANK LOAN

Month	Principal Payment	Interest Payment	Total Payment	Loan Balance
88	54,854.67	12,948.03	67,802.70	5,620,992.36
89	54,979.81	12,822.89	67,802.70	5,566,012.55
90	55,105.23	12,697.47	67,802.70	5,510,907.32
91	55,230.94	12,571.76	67,802.70	5,455,676.38
92	55,356.94	12,445.76	67,802.70	5,400,319.44
93	55,483.22	12,319.48	67,802.70	5,344,836.22
94	55,609.79	12,192.91	67,802.70	5,289,226.43
95	55,736.65	12,066.05	67,802.70	5,233,489.78
96	55,863.80	11,938.90	67,802.70	5,177,625.98
97	55,991.24	11,811.46	67,802.70	5,121,634.74
98	56,118.97	11,683.73	67,802.70	5,065,515.77
99	56,246.99	11,555.71	67,802.70	5,009,268.78
100	56,375.30	11,427.39	67,802.70	4,952,893.48
101	56,503.91	11,298.79	67,802.70	4,896,389.57
102	56,632.81	11,169.89	67,802.70	4,839,756.76
103	56,762.00	11,040.70	67,802.70	4,782,994.76
104	56,891.49	10,911.21	67,802.70	4,726,103.26
105	57,021.28	10,781.42	67,802.70	4,669,081.99
106	57,151.35	10,651.34	67,802.70	4,611,930.63
107	57,281.73	10,520.97	67,802.70	4,554,648.90
108	57,412.41	10,390.29	67,802.70	4,497,236.50
109	57,543.38	10,259.32	67,802.70	4,439,693.12
110	57,674.65	10,128.05	67,802.70	4,382,018.47
111	57,806.22	9,996.48	67,802.70	4,324,212.25
112	57,938.09	9,864.61	67,802.70	4,266,274.16
113	58,070.26	9,732.44	67,802.70	4,208,203.90
114	58,202.73	9,599.97	67,802.70	4,150,001.17
115	58,335.51	9,467.19	67,802.70	4,091,665.66
116	58,468.59	9,334.11	67,802.70	4,033,197.08
117	58,601.97	9,200.73	67,802.70	3,974,595.11
118	58,735.65	9,067.05	67,802.70	3,915,859.45
119	58,869.64	8,933.05	67,802.70	3,856,989.81
120	59,003.94	8,798.76	67,802.70	3,797,985.87
121	59,138.54	8,664.16	67,802.70	3,738,847.33
122	59,273.45	8,529.25	67,802.70	3,679,573.88
123	59,408.67	8,394.03	67,802.70	3,620,165.20
124	59,544.20	8,258.50	67,802.70	3,560,621.01
125	59,680.03	8,122.67	67,802.70	3,500,940.98
126	59,816.18	7,986.52	67,802.70	3,441,124.80
127	59,952.63	7,850.07	67,802.70	3,381,172.17
128	60,089.40	7,713.30	67,802.70	3,321,082.77
129	60,226.48	7,576.22	67,802.70	3,260,856.29
130	60,363.87	7,438.83	67,802.70	3,200,492.42
131	60,501.57	7,301.12	67,802.70	3,139,990.85

NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF \$10,000,000 BANK LOAN

Month	Principal Payment	Interest Payment	Total Payment	Loan Balance
132	60,639.59	7,163.10	67,802.70	3,079,351.25
133	60,777.93	7,024.77	67,802.70	3,018,573.32
134	60,916.58	6,886.12	67,802.70	2,957,656.75
135	61,055.54	6,747.15	67,802.70	2,896,601.20
136	61,194.83	6,607.87	67,802.70	2,835,406.37
137	61,334.43	6,468.27	67,802.70	2,774,071.95
138	61,474.35	6,328.35	67,802.70	2,712,597.60
139	61,614.58	6,188.11	67,802.70	2,650,983.02
140	61,755.14	6,047.56	67,802.70	2,589,227.87
141	61,896.02	5,906.68	67,802.70	2,527,331.85
142	62,037.22	5,765.48	67,802.70	2,465,294.63
143	62,178.74	5,623.95	67,802.70	2,403,115.88
144	62,320.59	5,482.11	67,802.70	2,340,795.29
145	62,462.76	5,339.94	67,802.70	2,278,332.53
146	62,605.25	5,197.45	67,802.70	2,215,727.28
147	62,748.07	5,054.63	67,802.70	2,152,979.21
148	62,891.21	4,911.48	67,802.70	2,090,088.00
149	63,034.69	4,768.01	67,802.70	2,027,053.31
150	63,178.48	4,624.22	67,802.70	1,963,874.83
151	63,322.61	4,480.09	67,802.70	1,900,552.22
152	63,467.06	4,335.63	67,802.70	1,837,085.16
153	63,611.85	4,190.85	67,802.70	1,773,473.31
154	63,756.96	4,045.74	67,802.70	1,709,716.35
155	63,902.41	3,900.29	67,802.70	1,645,813.94
156	64,048.19	3,754.51	67,802.70	1,581,765.75
157	64,194.30	3,608.40	67,802.70	1,517,571.46
158	64,340.74	3,461.96	67,802.70	1,453,230.72
159	64,487.52	3,315.18	67,802.70	1,388,743.20
160	64,634.63	3,168.07	67,802.70	1,324,108.58
161	64,782.08	3,020.62	67,802.70	1,259,326.50
162	64,929.86	2,872.84	67,802.70	1,194,396.64
163	65,077.98	2,724.72	67,802.70	1,129,318.66
164	65,226.44	2,576.26	67,802.70	1,064,092.22
165	65,375.24	2,427.46	67,802.70	998,716.98
166	65,524.38	2,278.32	67,802.70	933,192.61
167	65,673.85	2,128.85	67,802.70	867,518.75
168	65,823.67	1,979.03	67,802.70	801,695.08
169	65,973.83	1,828.87	67,802.70	735,721.25
170	66,124.33	1,678.36	67,802.70	669,596.92
171	66,275.18	1,527.52	67,802.70	603,321.74
172	66,426.37	1,376.33	67,802.70	536,895.37
173	66,577.91	1,224.79	67,802.70	470,317.46
174	66,729.79	1,072.91	67,802.70	403,587.68
175	66,882.01	920.68	67,802.70	336,705.66

NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF \$10,000,000 BANK LOAN

<b>Month</b>	<b>Principal Payment</b>	<b>Interest Payment</b>	<b>Total Payment</b>	<b>Loan Balance</b>
176	67,034.59	768.11	67,802.70	269,671.07
177	67,187.51	615.19	67,802.70	202,483.56
178	67,340.78	461.92	67,802.70	135,142.78
179	67,494.40	308.29	67,802.70	67,648.38
180	67,648.38	154.32	67,802.70	(0.00)

**MEMORANDUM OF UNDERSTANDING  
NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AND  
WEST NORRITON TOWNSHIP**

**EXHIBIT D**

**ADDITIONAL FUNDS AMORTIZATION SCHEDULE**

NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF ADDITIONAL FUNDS USED FOR PROJECT

Month	Principal Payment	Interest Payment	Total Payment	Loan Balance
0				4,234,500.00
1	\$19,051.10	\$9,659.95	\$28,711.05	4,215,448.90
2	19,094.56	9,616.49	28,711.05	4,196,354.34
3	19,138.12	9,572.93	28,711.05	4,177,216.22
4	19,181.78	9,529.27	28,711.05	4,158,034.44
5	19,225.54	9,485.52	28,711.05	4,138,808.91
6	19,269.39	9,441.66	28,711.05	4,119,539.51
7	19,313.35	9,397.70	28,711.05	4,100,226.16
8	19,357.41	9,353.64	28,711.05	4,080,868.75
9	19,401.57	9,309.48	28,711.05	4,061,467.18
10	19,445.83	9,265.22	28,711.05	4,042,021.35
11	19,490.19	9,220.86	28,711.05	4,022,531.15
12	19,534.65	9,176.40	28,711.05	4,002,996.50
13	19,579.22	9,131.84	28,711.05	3,983,417.28
14	19,623.88	9,087.17	28,711.05	3,963,793.40
15	19,668.65	9,042.40	28,711.05	3,944,124.75
16	19,713.52	8,997.53	28,711.05	3,924,411.24
17	19,758.49	8,952.56	28,711.05	3,904,652.75
18	19,803.56	8,907.49	28,711.05	3,884,849.18
19	19,848.74	8,862.31	28,711.05	3,865,000.44
20	19,894.02	8,817.03	28,711.05	3,845,106.42
21	19,939.40	8,771.65	28,711.05	3,825,167.02
22	19,984.89	8,726.16	28,711.05	3,805,182.13
23	20,030.48	8,680.57	28,711.05	3,785,151.65
24	20,076.18	8,634.88	28,711.05	3,765,075.47
25	20,121.97	8,589.08	28,711.05	3,744,953.50
26	20,167.88	8,543.18	28,711.05	3,724,785.62
27	20,213.89	8,497.17	28,711.05	3,704,571.74
28	20,260.00	8,451.05	28,711.05	3,684,311.74
29	20,306.22	8,404.84	28,711.05	3,664,005.52
30	20,352.54	8,358.51	28,711.05	3,643,652.98
31	20,398.97	8,312.08	28,711.05	3,623,254.01
32	20,445.50	8,265.55	28,711.05	3,602,808.51
33	20,492.15	8,218.91	28,711.05	3,582,316.36
34	20,538.89	8,172.16	28,711.05	3,561,777.47
35	20,585.75	8,125.30	28,711.05	3,541,191.72
36	20,632.71	8,078.34	28,711.05	3,520,559.01
37	20,679.78	8,031.28	28,711.05	3,499,879.23
38	20,726.95	7,984.10	28,711.05	3,479,152.28
39	20,774.24	7,936.82	28,711.05	3,458,378.04
40	20,821.63	7,889.42	28,711.05	3,437,556.42
41	20,869.13	7,841.93	28,711.05	3,416,687.29
42	20,916.73	7,794.32	28,711.05	3,395,770.55
43	20,964.45	7,746.60	28,711.05	3,374,806.10

NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF ADDITIONAL FUNDS USED FOR PROJECT

Month	Principal Payment	Interest Payment	Total Payment	Loan Balance
44	21,012.28	7,698.78	28,711.05	3,353,793.83
45	21,060.21	7,650.84	28,711.05	3,332,733.62
46	21,108.25	7,602.80	28,711.05	3,311,625.36
47	21,156.41	7,554.65	28,711.05	3,290,468.96
48	21,204.67	7,506.38	28,711.05	3,269,264.29
49	21,253.04	7,458.01	28,711.05	3,248,011.24
50	21,301.53	7,409.53	28,711.05	3,226,709.72
51	21,350.12	7,360.93	28,711.05	3,205,359.59
52	21,398.83	7,312.23	28,711.05	3,183,960.77
53	21,447.64	7,263.41	28,711.05	3,162,513.13
54	21,496.57	7,214.48	28,711.05	3,141,016.56
55	21,545.61	7,165.44	28,711.05	3,119,470.95
56	21,594.76	7,116.29	28,711.05	3,097,876.19
57	21,644.02	7,067.03	28,711.05	3,076,232.17
58	21,693.40	7,017.65	28,711.05	3,054,538.77
59	21,742.89	6,968.17	28,711.05	3,032,795.88
60	21,792.49	6,918.57	28,711.05	3,011,003.40
61	21,842.20	6,868.85	28,711.05	2,989,161.19
62	21,892.03	6,819.02	28,711.05	2,967,269.17
63	21,941.97	6,769.08	28,711.05	2,945,327.20
64	21,992.02	6,719.03	28,711.05	2,923,335.17
65	22,042.19	6,668.86	28,711.05	2,901,292.98
66	22,092.48	6,618.57	28,711.05	2,879,200.50
67	22,142.88	6,568.18	28,711.05	2,857,057.62
68	22,193.39	6,517.66	28,711.05	2,834,864.23
69	22,244.02	6,467.03	28,711.05	2,812,620.21
70	22,294.76	6,416.29	28,711.05	2,790,325.45
71	22,345.62	6,365.43	28,711.05	2,767,979.83
72	22,396.60	6,314.45	28,711.05	2,745,583.23
73	22,447.69	6,263.36	28,711.05	2,723,135.54
74	22,498.90	6,212.15	28,711.05	2,700,636.64
75	22,550.23	6,160.83	28,711.05	2,678,086.41
76	22,601.67	6,109.38	28,711.05	2,655,484.75
77	22,653.23	6,057.82	28,711.05	2,632,831.52
78	22,704.91	6,006.15	28,711.05	2,610,126.61
79	22,756.70	5,954.35	28,711.05	2,587,369.91
80	22,808.61	5,902.44	28,711.05	2,564,561.30
81	22,860.65	5,850.41	28,711.05	2,541,700.65
82	22,912.80	5,798.25	28,711.05	2,518,787.85
83	22,965.07	5,745.98	28,711.05	2,495,822.78
84	23,017.46	5,693.60	28,711.05	2,472,805.33
85	23,069.97	5,641.09	28,711.05	2,449,735.36
86	23,122.59	5,588.46	28,711.05	2,426,612.77
87	23,175.34	5,535.71	28,711.05	2,403,437.43



NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF ADDITIONAL FUNDS USED FOR PROJECT

Month	Principal Payment	Interest Payment	Total Payment	Loan Balance
88	23,228.21	5,482.84	28,711.05	2,380,209.21
89	23,281.20	5,429.85	28,711.05	2,356,928.01
90	23,334.31	5,376.74	28,711.05	2,333,593.70
91	23,387.54	5,323.51	28,711.05	2,310,206.16
92	23,440.89	5,270.16	28,711.05	2,286,765.27
93	23,494.37	5,216.68	28,711.05	2,263,270.90
94	23,547.97	5,163.09	28,711.05	2,239,722.93
95	23,601.68	5,109.37	28,711.05	2,216,121.25
96	23,655.53	5,055.53	28,711.05	2,192,465.72
97	23,709.49	5,001.56	28,711.05	2,168,756.23
98	23,763.58	4,947.48	28,711.05	2,144,992.65
99	23,817.79	4,893.26	28,711.05	2,121,174.87
100	23,872.12	4,838.93	28,711.05	2,097,302.74
101	23,926.58	4,784.47	28,711.05	2,073,376.16
102	23,981.16	4,729.89	28,711.05	2,049,395.00
103	24,035.87	4,675.18	28,711.05	2,025,359.13
104	24,090.70	4,620.35	28,711.05	2,001,268.43
105	24,145.66	4,565.39	28,711.05	1,977,122.77
106	24,200.74	4,510.31	28,711.05	1,952,922.03
107	24,255.95	4,455.10	28,711.05	1,928,666.08
108	24,311.28	4,399.77	28,711.05	1,904,354.79
109	24,366.74	4,344.31	28,711.05	1,879,988.05
110	24,422.33	4,288.72	28,711.05	1,855,565.72
111	24,478.04	4,233.01	28,711.05	1,831,087.68
112	24,533.88	4,177.17	28,711.05	1,806,553.79
113	24,589.85	4,121.20	28,711.05	1,781,963.94
114	24,645.95	4,065.11	28,711.05	1,757,318.00
115	24,702.17	4,008.88	28,711.05	1,732,615.82
116	24,758.52	3,952.53	28,711.05	1,707,857.30
117	24,815.00	3,896.05	28,711.05	1,683,042.30
118	24,871.61	3,839.44	28,711.05	1,658,170.69
119	24,928.35	3,782.70	28,711.05	1,633,242.34
120	24,985.22	3,725.83	28,711.05	1,608,257.12
121	25,042.22	3,668.84	28,711.05	1,583,214.90
122	25,099.34	3,611.71	28,711.05	1,558,115.56
123	25,156.60	3,554.45	28,711.05	1,532,958.96
124	25,213.99	3,497.06	28,711.05	1,507,744.97
125	25,271.51	3,439.54	28,711.05	1,482,473.46
126	25,329.16	3,381.89	28,711.05	1,457,144.30
127	25,386.94	3,324.11	28,711.05	1,431,757.35
128	25,444.86	3,266.20	28,711.05	1,406,312.50
129	25,502.90	3,208.15	28,711.05	1,380,809.60
130	25,561.08	3,149.97	28,711.05	1,355,248.52
131	25,619.39	3,091.66	28,711.05	1,329,629.12

NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF ADDITIONAL FUNDS USED FOR PROJECT

Month	Principal Payment	Interest Payment	Total Payment	Loan Balance
132	25,677.84	3,033.22	28,711.05	1,303,951.29
133	25,736.41	2,974.64	28,711.05	1,278,214.87
134	25,795.12	2,915.93	28,711.05	1,252,419.75
135	25,853.97	2,857.08	28,711.05	1,226,565.78
136	25,912.95	2,798.10	28,711.05	1,200,652.83
137	25,972.06	2,738.99	28,711.05	1,174,680.77
138	26,031.31	2,679.74	28,711.05	1,148,649.45
139	26,090.70	2,620.36	28,711.05	1,122,558.76
140	26,150.22	2,560.84	28,711.05	1,096,408.54
141	26,209.87	2,501.18	28,711.05	1,070,198.67
142	26,269.66	2,441.39	28,711.05	1,043,929.01
143	26,329.59	2,381.46	28,711.05	1,017,599.42
144	26,389.65	2,321.40	28,711.05	991,209.77
145	26,449.86	2,261.20	28,711.05	964,759.91
146	26,510.19	2,200.86	28,711.05	938,249.72
147	26,570.67	2,140.38	28,711.05	911,679.05
148	26,631.28	2,079.77	28,711.05	885,047.76
149	26,692.04	2,019.02	28,711.05	858,355.72
150	26,752.93	1,958.12	28,711.05	831,602.80
151	26,813.96	1,897.09	28,711.05	804,788.84
152	26,875.13	1,835.92	28,711.05	777,913.71
153	26,936.44	1,774.62	28,711.05	750,977.27
154	26,997.89	1,713.17	28,711.05	723,979.39
155	27,059.47	1,651.58	28,711.05	696,919.91
156	27,121.20	1,589.85	28,711.05	669,798.71
157	27,183.07	1,527.98	28,711.05	642,615.63
158	27,245.09	1,465.97	28,711.05	615,370.55
159	27,307.24	1,403.81	28,711.05	588,063.31
160	27,369.53	1,341.52	28,711.05	560,693.78
161	27,431.97	1,279.08	28,711.05	533,261.81
162	27,494.55	1,216.50	28,711.05	505,767.26
163	27,557.27	1,153.78	28,711.05	478,209.99
164	27,620.14	1,090.92	28,711.05	450,589.85
165	27,683.14	1,027.91	28,711.05	422,906.71
166	27,746.30	964.76	28,711.05	395,160.41
167	27,809.59	901.46	28,711.05	367,350.82
168	27,873.03	838.02	28,711.05	339,477.78
169	27,936.62	774.43	28,711.05	311,541.16
170	28,000.35	710.70	28,711.05	283,540.82
171	28,064.23	646.83	28,711.05	255,476.59
172	28,128.25	582.81	28,711.05	227,348.34
173	28,192.41	518.64	28,711.05	199,155.93
174	28,256.73	454.32	28,711.05	170,899.20
175	28,321.19	389.86	28,711.05	142,578.01

NORRISTOWN MUNICIPAL WASTE AUTHORITY  
AMORTIZATION OF ADDITIONAL FUNDS USED FOR PROJECT

<b>Month</b>	<b>Principal Payment</b>	<b>Interest Payment</b>	<b>Total Payment</b>	<b>Loan Balance</b>
176	28,385.80	325.26	28,711.05	114,192.22
177	28,450.55	260.50	28,711.05	85,741.66
178	28,515.45	195.60	28,711.05	57,226.21
179	28,580.51	130.55	28,711.05	28,645.70
180	28,645.70	65.35	28,711.05	0.00