

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY			
CONSTRUCTION COST ESTIMATING SCHEDULE			
FOR THE BONDING OF PROPOSED			
WASTE WATER COLLECTION SYSTEMS			
EFFECTIVE : FEBRUARY 7, 2017			
Item	Description	Unit	Unit Price
1	8" SDR-35 0' - 8' Deep	LF	\$45.00
2	8" SDR-35 8' - 10' Deep	LF	\$55.00
3	8" SDR-35 10' - 12' Deep	LF	\$60.00
4	8" SDR-35 12' - 14' Deep	LF	\$70.00
5	8" SDR-35 14' - 16' Deep	LF	\$88.00
6	8" C-900 12' - 14' Deep	LF	\$85.00
7	8" C-900 14' - 16' Deep	LF	\$106.00
8	8" C-900 16' - 18' Deep	LF	\$120.00
9	8" C-900 18' - 20' Deep	LF	\$136.00
10	8" C-900 20' - 22' Deep	LF	\$160.00
11	8" C-900 22' - 24' Deep	LF	\$178.00
12	8" PROTECTO DIP 0' - 8' Deep	LF	\$84.00
13	8" PROTECTO DIP 8' - 10' Deep	LF	\$104.00
14	8" PROTECTO DIP 10' - 12' Deep	LF	\$113.00
15	8" PROTECTO DIP 12' - 14' Deep	LF	\$130.00
16	8" PROTECTO DIP 14' - 16' Deep	LF	\$150.00
17	8" PROTECTO DIP 16' - 18' Deep	LF	\$170.00
18	8" PROTECTO DIP 18' - 20' Deep	LF	\$190.00
19	8" PROTECTO DIP 20' - 22' Deep	LF	\$210.00
20	8" PROTECTO DIP 22' - 24' Deep	LF	\$230.00
21	10" SDR-35 0' - 8' Deep	LF	\$54.00
22	10" SDR-35 8' - 10' Deep	LF	\$65.00
23	10" SDR-35 10' - 12' Deep	LF	\$71.00
24	10" SDR-35 12' - 14' Deep	LF	\$82.00
25	10" SDR-35 14' - 16' Deep	LF	\$102.00
26	10" C-900 12' - 14' Deep	LF	\$99.00
27	10" C-900 14' - 16' Deep	LF	\$123.00
28	10" C-900 16' - 18' Deep	LF	\$138.00
29	10" C-900 18' - 20' Deep	LF	\$155.00
30	10" C-900 20' - 22' Deep	LF	\$180.00
31	10" PROTECTO DIP 0' - 8' Deep	LF	\$100.00
32	10" PROTECTO DIP 8' - 10' Deep	LF	\$125.00
33	10" PROTECTO DIP 10' - 12' Deep	LF	\$135.00
34	10" PROTECTO DIP 12' - 14' Deep	LF	\$154.00
35	10" PROTECTO DIP 14' - 16' Deep	LF	\$175.00
36	10" PROTECTO DIP 16' - 18' Deep	LF	\$196.00
37	10" PROTECTO DIP 18' - 20' Deep	LF	\$217.00
38	10" PROTECTO DIP 20' - 22' Deep	LF	\$240.00
39	12" SDR-35 0' - 8' Deep	LF	\$62.00
40	12" SDR-35 8' - 10' Deep	LF	\$75.00
41	12" SDR-35 10' - 12' Deep	LF	\$81.00
42	12" SDR-35 12' - 14' Deep	LF	\$94.00
43	12" SDR-35 14' - 16' Deep	LF	\$117.00
44	12" C-900 12' - 14' Deep	LF	\$113.00
45	12" C-900 14' - 16' Deep	LF	\$140.00
46	12" C-900 16' - 18' Deep	LF	\$156.00
47	12" C-900 18' - 20' Deep	LF	\$178.00
48	12" C-900 20' - 22' Deep	LF	\$207.00
49	12" PROTECTO DIP 0' - 8' Deep	LF	\$118.00
50	12" PROTECTO DIP 8' - 10' Deep	LF	\$147.00
51	12" PROTECTO DIP 10' - 12' Deep	LF	\$158.00
52	12" PROTECTO DIP 12' - 14' Deep	LF	\$180.00
53	12" PROTECTO DIP 14' - 16' Deep	LF	\$204.00
54	12" PROTECTO DIP 16' - 18' Deep	LF	\$227.00
55	12" PROTECTO DIP 18' - 20' Deep	LF	\$252.00
56	12" PROTECTO DIP 20' - 22' Deep	LF	\$280.00
57	14" C-905 12' - 14' Deep	LF	\$130.00
58	14" C-905 14' - 16' Deep	LF	\$160.00
59	14" C-905 16' - 18' Deep	LF	\$178.00
60	14" C-905 18' - 20' Deep	LF	\$202.00
61	14" C-905 20' - 22' Deep	LF	\$235.00
62	14" PROTECTO DIP 0' - 8' Deep	LF	\$138.00
63	14" PROTECTO DIP 8' - 10' Deep	LF	\$172.00
64	14" PROTECTO DIP 10' - 12' Deep	LF	\$185.00
65	14" PROTECTO DIP 12' - 14' Deep	LF	\$210.00
66	14" PROTECTO DIP 14' - 16' Deep	LF	\$239.00
67	14" PROTECTO DIP 16' - 18' Deep	LF	\$265.00
68	14" PROTECTO DIP 18' - 20' Deep	LF	\$294.00
69	14" PROTECTO DIP 20' - 22' Deep	LF	\$326.00
70	15" SDR-35 0' - 8' Deep	LF	\$71.00
71	15" SDR-35 8' - 10' Deep	LF	\$86.00
72	15" SDR-35 10' - 12' Deep	LF	\$93.00
73	15" SDR-35 12' - 14' Deep	LF	\$108.00
74	15" SDR-35 14' - 16' Deep	LF	\$135.00
75	18" SDR-35 0' - 8' Deep	LF	\$83.00
76	18" SDR-35 8' - 10' Deep	LF	\$100.00
77	18" SDR-35 10' - 12' Deep	LF	\$108.00
78	18" SDR-35 12' - 14' Deep	LF	\$126.00
79	18" SDR-35 14' - 16' Deep	LF	\$157.00
80	18" C-905 12' - 14' Deep	LF	\$165.00
81	18" C-905 14' - 16' Deep	LF	\$204.00

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY			
CONSTRUCTION COST ESTIMATING SCHEDULE			
FOR THE BONDING OF PROPOSED			
WASTE WATER COLLECTION SYSTEMS			
EFFECTIVE : FEBRUARY 7, 2017			
Item	Description	Unit	Unit Price
82	18" C-905 16' - 18' Deep	LF	\$227.00
83	18" C-905 18' - 20' Deep	LF	\$258.00
84	18" C-905 20' - 22' Deep	LF	\$300.00
85	18" PROTECTO DIP 0' - 8' Deep	LF	\$178.00
86	18" PROTECTO DIP 8' - 10' Deep	LF	\$222.00
87	18" PROTECTO DIP 10' - 12' Deep	LF	\$239.00
88	18" PROTECTO DIP 12' - 14' Deep	LF	\$271.00
89	18" PROTECTO DIP 14' - 16' Deep	LF	\$308.00
90	18" PROTECTO DIP 16' - 18' Deep	LF	\$342.00
91	18" PROTECTO DIP 18' - 20' Deep	LF	\$380.00
92	18" PROTECTO DIP 20' - 22' Deep	LF	\$422.00
93	20" C-905 12' - 14' Deep	LF	\$180.00
94	20" C-905 14' - 16' Deep	LF	\$222.00
95	20" C-905 16' - 18' Deep	LF	\$246.00
96	20" C-905 18' - 20' Deep	LF	\$280.00
97	20" C-905 20' - 22' Deep	LF	\$320.00
98	20" PROTECTO DIP 0' - 8' Deep	LF	\$205.00
99	20" PROTECTO DIP 8' - 10' Deep	LF	\$256.00
100	20" PROTECTO DIP 10' - 12' Deep	LF	\$275.00
101	20" PROTECTO DIP 12' - 14' Deep	LF	\$312.00
102	20" PROTECTO DIP 14' - 16' Deep	LF	\$355.00
103	20" PROTECTO DIP 16' - 18' Deep	LF	\$394.00
104	20" PROTECTO DIP 18' - 20' Deep	LF	\$438.00
105	20" PROTECTO DIP 20' - 22' Deep	LF	\$486.00
106	21" SDR-35 0' - 8' Deep	LF	\$91.00
107	21" SDR-35 8' - 10' Deep	LF	\$110.00
108	21" SDR-35 10' - 12' Deep	LF	\$118.00
109	21" SDR-35 12' - 14' Deep	LF	\$137.00
110	21" SDR-35 14' - 16' Deep	LF	\$170.00
111	Shallow Manhole 0' - 6.5' Deep	EACH	\$6,659.00
112	Standard Manhole 6.5' - 8' Deep	EACH	\$3,915.00
113	Standard Manhole 8' - 10' Deep	EACH	\$4,268.00
114	Standard Manhole 10' - 12' Deep	EACH	\$4,626.00
115	Standard Manhole 12' - 14' Deep	EACH	\$5,159.00
116	Standard Manhole 14' - 16' Deep	EACH	\$5,516.00
117	Standard Manhole 16' - 18' Deep	EACH	\$6,404.00
118	Standard Manhole 18' - 20' Deep	EACH	\$7,383.00
119	By Pass Pumping	Day	\$8,184.00
120	Manhole Platform	EACH	\$8,184.00
121	Drop (wide) MH 0' - 8' Deep	EACH	\$8,894.00
122	Drop (wide) MH 8' - 10' Deep	EACH	\$9,430.00
123	Drop (wide) MH 10' - 12' Deep	EACH	\$9,965.00
124	Drop (wide) MH 12' - 14' Deep	EACH	\$10,495.00
125	Drop (wide) MH 14' - 16' Deep	EACH	\$11,028.00
126	Drop (wide) MH 16' - 18' Deep	EACH	\$11,568.00
127	Drop (wide) MH 18' - 20' Deep	EACH	\$12,847.00
128	Manhole Drop	VF	\$390.00
129	Connection to Existing Manhole	EACH	\$6,404.00
130	Wellpoint Dewatering 0'-12'	LF	\$54.00
131	Wellpoint Dewatering 12'-18'	LF	\$74.00
132	Deepwell Dewatering	LF	\$118.00
133	4" Force Main	LF	\$37.00
134	6" Force Main	LF	\$41.00
135	8" Force Main	LF	\$55.00
136	10" Force Main	LF	\$65.00
137	Jack & Bore Depths less than 10' Deep	LF	\$530.00
138	Jack & Bore Depths 10' Deep & Greater	LF	\$1,061.00
139	Standard House Connection	EACH	\$1,111.00
140	Deep House Connection	EACH	\$1,470.00
141	House Connection Excess of 30 Feet	LF	\$66.00
142	Stone Bedding	CY	\$55.00
143	Concrete Cradle	EACH	\$3,511.00
144	Municipal Road Restoration	SY	\$90.00
145	County Road Restoration	SY	\$121.00
146	Concrete Sidewalk Restoration	SF	\$7.25
147	Concrete Pad/Pavement Restoration	CF	\$25.00
148	Traffic Control Devices	EACH	\$4,118.00
149	Traffic Control Personel	Hr	\$107.00
150	Seed, Fertilizer, & Mulch	SY	\$14.00
151	Clearing & Grubbing over 1 Acre	AC	\$14,874.00
152	Clearing & Grubbing under 1 Acre	SY	\$7.00
153	Engineering & Stakeout	LF	\$6.50
154	As-Built	LF	\$5.50

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY
ABANDONMENT COST ESTIMATING SCHEDULE
FOR THE BONDING OF PROPOSED
WASTE WATER COLLECTION SYSTEMS

EFFECTIVE : FEBRUARY 7, 2017

Item	Description	Unit	Unit Price
1	4" thru 24" Pipe (abandoned in place)	LF	\$5.00
2	4" thru 8" PVC (Removed)	LF	\$12.50
3	10" PVC (Removed)	LF	\$17.00
4	12" PVC (Removed)	LF	\$26.00
5	15" PVC (Removed)	LF	\$28.00
6	18" PVC (Removed)	LF	\$36.00
7	21" PVC (Removed)	LF	\$39.00
8	24" PVC (Removed)	LF	\$42.00
9	Compaction W/O cert	VF X LF	\$2.10
10	Compaction @ 95%	VF X LF	\$3.75
11	Manhole 0' - 10' Deep (Abandoned In Place)	EACH	\$1,565.00
12	Manhole 10' - 16' Deep (Abandoned In Place)	EACH	\$2,403.00
13	Manhole 16' - 20' Deep (Abandoned In Place)	EACH	\$3,114.00
14	Manhole 0' - 8' Deep (Removed)	EACH	\$2,403.00
15	Manhole 8' - 10' Deep (Removed)	EACH	\$2,759.00
16	Manhole 10' - 12' Deep (Removed)	EACH	\$3,114.00
17	Manhole 12' - 14' Deep (Removed)	EACH	\$3,560.00
18	Manhole 14' - 16' Deep (Removed)	EACH	\$4,268.00
19	Manhole 16' - 18' Deep (Removed)	EACH	\$4,894.00
20	Manhole 18' - 20' Deep (Removed)	EACH	\$5,516.00
21	Drop Manhole (Add)	EACH	\$784.00
22	By Pass Pumping	Day	\$8,184.00
23	Manhole Platform	EACH	\$888.00
24	Wellpoint Dewatering 0'-12'	LF	\$54.00
25	Wellpoint Dewatering 12'-18'	LF	\$74.00
26	Deepwell Dewatering	LF	\$118.00
27	4" & 6" Force Main DIP (Removed)	LF	\$17.00
28	8" & 10" Force Main DIP (Removed)	LF	\$24.00
29	4" & 6" ACP (Removed)	LF	\$60.00
30	8" & 10" ACP (Removed)	LF	\$74.00
31	12" & 14" ACP (Removed)	LF	\$85.00
32	Standard House Connection (Removed)	EACH	\$1,138.00
33	Deep House Connection (Removed)	EACH	\$1,530.00
34	House Connection > 30 Feet (Removed)	LF	\$26.00
35	Standard House Connection (Abandoned)	EACH	\$232.00
36	Deep House Connection (Abandoned)	EACH	\$390.00
37	Stone Bedding	CY	\$55.00
38	Municipal Road Restoration	SY	\$90.00
39	County Road Restoration	SY	\$121.00
40	Concrete Sidewalk Restoration	SF	\$7.25
41	Concrete Pad/Pavement Restoration	CF	\$25.00
42	Traffic Control Devices	EACH	\$4,118.00
43	Traffic Control Personnel	Hr	\$107.00
44	Seed, Fertilizer, & Mulch	SY	\$14.00
45	Clearing & Grubbing over 1 Acre	AC	\$14,874.00
46	Clearing & Grubbing under 1 Acre	SY	\$7.00
47	Engineering & Stakeout	LF	\$6.50
48	As-Built	LF	\$5.50