

LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

390 NEW HAMPSHIRE AVENUE, LAKEWOOD, NEW JERSEY 08701
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CONSTRUCTION COST ESTIMATING SCHEDULE FOR THE BONDING OF PROPOSED WASTE WATER COLLECTION SYSTEMS

EFFECTIVE FEBRUARY 5, 2013

| Item | Description | Unit | Unit Price |
|------|------------------------|------|------------|
| 1 | 8" PVC 0' - 8' Deep | LF | \$37.00 |
| 2 | 8" PVC 8' - 10' Deep | LF | \$41.00 |
| 3 | 8" PVC 10' - 12' Deep | LF | \$45.00 |
| 4 | 8" PVC 12' - 14' Deep | LF | \$50.00 |
| 5 | 8" PVC 14' - 16' Deep | LF | \$65.00 |
| 6 | 8" PVC 16' - 18' Deep | LF | \$73.00 |
| 7 | 8" PVC 18' - 20' Deep | LF | \$82.00 |
| 8 | 8" PVC 20' - 22' Deep | LF | \$97.00 |
| 9 | 8" PVC 22' - 24' Deep | LF | \$107.00 |
| 10 | 10" PVC 0' - 8' Deep | LF | \$43.00 |
| 11 | 10" PVC 8' - 10' Deep | LF | \$47.00 |
| 12 | 10" PVC 10' - 12' Deep | LF | \$54.00 |
| 13 | 10" PVC 12' - 14' Deep | LF | \$58.00 |
| 14 | 10" PVC 14' - 16' Deep | LF | \$71.00 |
| 15 | 10" PVC 16' - 18' Deep | LF | \$79.00 |
| 16 | 10" PVC 18' - 20' Deep | LF | \$91.00 |
| 17 | 10" PVC 20' - 22' Deep | LF | \$103.00 |
| 18 | 12" PVC 0' - 8' Deep | LF | \$48.00 |
| 19 | 12" PVC 8' - 10' Deep | LF | \$54.00 |
| 20 | 12" PVC 10' - 12' Deep | LF | \$58.00 |
| 21 | 12" PVC 12' - 14' Deep | LF | \$65.00 |
| 22 | 12" PVC 14' - 16' Deep | LF | \$77.00 |
| 23 | 12" PVC 16' - 18' Deep | LF | \$87.00 |
| 24 | 12" PVC 18' - 20' Deep | LF | \$97.00 |
| 25 | 12" PVC 20' - 22' Deep | LF | \$110.00 |
| 26 | 15" PVC 0 - 8' Deep | LF | \$56.00 |
| 27 | 15" PVC 8' - 10' Deep | LF | \$60.00 |
| 28 | 15" PVC 10' - 12' Deep | LF | \$65.00 |
| 29 | 15" PVC 12' - 14' Deep | LF | \$71.00 |

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| 30 | 15" PVC 14'- 16' Deep | LF | \$85.00 |
| 31 | 15" PVC 16'- 18' Deep | LF | \$95.00 |
| 32 | 15" PVC 18'- 20' Deep | LF | \$104.00 |
| 33 | 15" PVC 20'- 22' Deep | LF | \$114.00 |
| 34 | 15" PVC 22'- 24' Deep | LF | \$126.00 |
| 35 | 18" PVC 0'- 8' Deep | LF | \$65.00 |
| 36 | 18" PVC 8'- 10' Deep | LF | \$69.00 |
| 37 | 18" PVC 10'- 12' Deep | LF | \$73.00 |
| 38 | 18" PVC 12'- 14' Deep | LF | \$79.00 |
| 39 | 18" PVC 14'- 16' Deep | LF | \$95.00 |
| 40 | 18" PVC 16'- 18' Deep | LF | \$104.00 |
| 41 | 18" PVC 18'- 20' Deep | LF | \$112.00 |
| 42 | 18" PVC 20'- 22' Deep | LF | \$125.00 |
| 43 | 21" PVC 0'- 8' Deep | LF | \$71.00 |
| 44 | 21" PVC 8'- 10' Deep | LF | \$75.00 |
| 45 | 21" PVC 10'- 12' Deep | LF | \$79.00 |
| 46 | 21" PVC 12'- 14' Deep | LF | \$88.00 |
| 47 | 21" PVC 14'- 16' Deep | LF | \$102.00 |
| 48 | 21" PVC 16'- 18' Deep | LF | \$110.00 |
| 49 | 21" PVC 18'- 20' Deep | LF | \$121.00 |
| 50 | 21" PVC 20'- 22' Deep | LF | \$131.00 |
| 51 | Standard Manhole 0' - 8' Deep | EACH | \$3,444.00 |
| 52 | Standard Manhole 8' - 10' Deep | EACH | \$3,756.00 |
| 53 | Standard Manhole 10' - 12' Deep | EACH | \$4,071.00 |
| 54 | Standard Manhole 12' - 14' Deep | EACH | \$4,540.00 |
| 55 | Standard Manhole 14' - 16' Deep | EACH | \$4,853.00 |
| 56 | Standard Manhole 16' - 18' Deep | EACH | \$5,635.00 |
| 57 | Standard Manhole 18' - 20' Deep | EACH | \$6,497.00 |
| 58 | By Pass Pumping | Day | \$7,202.00 |
| 59 | Manhole Platform | EACH | \$7,202.00 |
| 60 | Drop MH w/ platform 0' - 8' Deep | EACH | \$12,524.00 |
| 61 | Drop MH w/ platform 8' - 10' Deep | EACH | \$12,916.00 |
| 62 | Drop MH w/ platform 10' - 12' Deep | EACH | \$13,308.00 |
| 63 | Drop MH w/ platform 12' - 14' Deep | EACH | \$13,698.00 |
| 64 | Drop MH w/ platform 14' - 16' Deep | EACH | \$14,089.00 |
| 65 | Drop MH w/ platform 16' - 18' Deep | EACH | \$14,483.00 |
| 66 | Drop MH w/ platform 18' - 20' Deep | EACH | \$15,421.00 |
| 67 | Manhole Drop | VF | \$344.00 |
| 68 | Connection to Existing Manhole | EACH | \$5,635.00 |
| 69 | Wellpoint Dewatering 0'-12' | LF | \$46.00 |
| 70 | Wellpoint Dewatering 12'-18' | LF | \$66.00 |
| 71 | Deepwell Dewatering | LF | \$104.00 |
| 72 | 4" Force Main | LF | \$33.00 |
| 73 | 6" Force Main | LF | \$37.00 |

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| 74 | 8" Force Main | LF | \$47.00 |
| 75 | 10" Force Main | LF | \$57.00 |
| 76 | Standard House Connection | EACH | \$979.00 |
| 77 | Deep House Connection | EACH | \$1,293.00 |
| 78 | House Connection Excess of 30 Feet | LF | \$58.00 |
| 79 | Stone Bedding | CY | \$47.00 |
| 80 | Concrete Cradle | EACH | \$3,090.00 |
| 81 | Municipal Road Restoration | SY | \$78.00 |
| 82 | County Road Restoration | SY | \$106.00 |
| 83 | Concrete Sidewalk Restoration | SF | \$6.25 |
| 84 | Concrete Pad/Pavement Restoration | CF | \$21.00 |
| 85 | Traffic Control Devices | EACH | \$3,624.00 |
| 86 | Traffic Control Personel | Hr | \$95.00 |
| 87 | Seed, Fertilizer, & Mulch | SY | \$12.00 |
| 88 | Clearing & Grubbing over 1 Acre | AC | \$13,088.00 |
| 89 | Clearing & Grubbing under 1 Acre | SY | \$6.00 |
| 90 | Engineering & Stakeout | LF | \$5.50 |
| 91 | As-Built | LF | \$4.50 |

**ABANDONMENT COST ESTIMATING SCHEDULE FOR THE BONDING OF
PROPOSED WASTE WATER COLLECTION SYSTEMS**

EFFECTIVE FEBRUARY 5, 2013

| Item | Description | Unit | Unit Price |
|------|---|---------|------------|
| 1 | 4" thru 24" Pipe (abandoned in place) | LF | \$4.00 |
| 2 | 4" thru 8" PVC (Removed) | LF | \$10.50 |
| 3 | 10" PVC (Removed) | LF | \$14.50 |
| 4 | 12" PVC (Removed) | LF | \$22.00 |
| 5 | 15" PVC (Removed) | LF | \$24.00 |
| 6 | 18" PVC (Removed) | LF | \$32.00 |
| 7 | 21" PVC (Removed) | LF | \$35.00 |
| 8 | 24" PVC (Removed) | LF | \$38.00 |
| 9 | Conpaction W/O cert | VF X LF | \$1.50 |
| 10 | Conpaction @ 95% | VF X LF | \$2.75 |
| 11 | Manhole 0' - 10' Deep (Abandoned In Place) | EACH | \$1,377.00 |
| 12 | Manhole 10' - 16' Deep (Abandoned In Place) | EACH | \$2,114.00 |
| 13 | Manhole 16' - 20' Deep (Abandoned In Place) | EACH | \$2,740.00 |
| 14 | Manhole 0' - 8' Deep (Removed) | EACH | \$2,114.00 |
| 15 | Manhole 8' - 10' Deep (Removed) | EACH | \$2,428.00 |
| 16 | Manhole 10' - 12' Deep (Removed) | EACH | \$2,740.00 |
| 17 | Manhole 12' - 14' Deep (Removed) | EACH | \$3,132.00 |
| 18 | Manhole 14' - 16' Deep (Removed) | EACH | \$3,756.00 |
| 19 | Manhole 16' - 18' Deep (Removed) | EACH | \$4,306.00 |
| 20 | Manhole 18' - 20' Deep (Removed) | EACH | \$4,853.00 |
| 21 | Drop Manhole (Add) | EACH | \$690.00 |
| 22 | By Pass Pumping | Day | \$7,202.00 |
| 23 | Manhole Platform | EACH | \$782.00 |
| 24 | Wellpoint Dewatering 0'-12' | LF | \$46.00 |
| 25 | Wellpoint Dewatering 12'-18' | LF | \$66.00 |
| 26 | Deepwell Dewatering | LF | \$104.00 |
| 27 | 4" & 6" Force Main DIP (Removed) | LF | \$14.50 |
| 28 | 8" & 10" Force Main DIP (Removed) | LF | \$20.00 |
| 29 | 4" & 6" ACP (Removed) | LF | \$52.00 |
| 30 | 8" & 10" ACP (Removed) | LF | \$66.00 |
| 31 | 12" & 14" ACP (Removed) | LF | \$77.00 |
| 32 | Standard House Connection (Removed) | EACH | \$1,002.00 |
| 33 | Deep House Connection (Removed) | EACH | \$1,346.00 |
| 34 | House Connection > 30 Feet (Removed) | LF | \$22.00 |
| 35 | Standard House Connection (Abandoned) | EACH | \$204.00 |
| 36 | Deep House Connection (Abandoned) | EACH | \$344.00 |
| 37 | Stone Bedding | CY | \$47.00 |
| 38 | Municipal Road Restoration | SY | \$78.00 |

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|----|----------------------------------|------|-------------|
| 39 | County Road Restoration | SY | \$106.00 |
| 40 | Traffic Control Devices | EACH | \$3,624.00 |
| 41 | Traffic Control Personnel | Hr | \$95.00 |
| 42 | Seed, Fertilizer, & Mulch | SY | \$12.00 |
| 43 | Clearing & Grubbing over 1 Acre | AC | \$13,088.00 |
| 44 | Clearing & Grubbing under 1 Acre | SY | \$6.00 |
| 45 | Engineering & Stakeout | LF | \$5.50 |
| 46 | As-Built | LF | \$4.50 |

*** The minimum approved abandonment cost is \$6,000**