

# LAND USE

188 Attachment 6

## Schedule XXIV-A Stormwater Management Annual Cost Calculation Form [Added 8-12-2008 by Ord. No. O-08-31]

| ITEM                              | DESCRIPTION                                                                            | QUANTITY | UNIT PRICE | TOTAL PRICE |
|-----------------------------------|----------------------------------------------------------------------------------------|----------|------------|-------------|
| <b><u>Bioretention System</u></b> |                                                                                        |          |            |             |
|                                   | Facility Inspections (Performed quaterly)                                              | LS       | \$292.00   | \$0.00      |
|                                   | Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration)                       | LS       | \$547.50   | \$0.00      |
|                                   | Localized Debris Removal                                                               | SY       | \$1.72     | \$0.00      |
|                                   | Tilling                                                                                | SF       | \$0.23     | \$0.00      |
|                                   | Mowing (performed four times annually)                                                 | ACRE     | \$292.00   | \$0.00      |
|                                   | Vegetative Maintenance (Includes trimming and weeding) (performed four times annually) | SY       | \$1.72     | \$0.00      |
|                                   | Structural Components Restoration (Replacement assumed every 20 years)                 |          |            |             |
|                                   | 12" dia. Conc. Headwall                                                                | EA       | \$28.75    | \$0.00      |
|                                   | 15" dia. Conc. Headwall                                                                | EA       | \$30.00    | \$0.00      |
|                                   | 18" dia. Conc. Headwall                                                                | EA       | \$45.00    | \$0.00      |
|                                   | 21" dia. Conc. Headwall                                                                | EA       | \$53.75    | \$0.00      |
|                                   | 24" dia. Conc. Headwall                                                                | EA       | \$65.00    | \$0.00      |
|                                   | 27" dia. Conc. Headwall                                                                | EA       | \$69.00    | \$0.00      |
|                                   | 30" dia. Conc. Headwall                                                                | EA       | \$76.50    | \$0.00      |
|                                   | 36" dia. Conc. Headwall                                                                | EA       | \$97.50    | \$0.00      |
|                                   | 42" dia. Conc. Headwall                                                                | EA       | \$113.75   | \$0.00      |
|                                   | 48" dia. Conc. Headwall                                                                | EA       | \$138.00   | \$0.00      |
|                                   | 54" dia. Conc. Headwall                                                                | EA       | \$168.00   | \$0.00      |
|                                   | 60" dia. Conc. Headwall                                                                | EA       | \$210.00   | \$0.00      |
|                                   | 66" dia. Conc. Headwall                                                                | EA       | \$340.25   | \$0.00      |
|                                   | 72" dia. Conc. Headwall                                                                | EA       | \$312.00   | \$0.00      |
|                                   | 78" dia. Conc. Headwall                                                                | EA       | \$534.00   | \$0.00      |
|                                   | 84" dia. Conc. Headwall                                                                | EA       | \$631.75   | \$0.00      |
|                                   | 90" dia. Conc. Headwall                                                                | EA       | \$738.00   | \$0.00      |
|                                   | 96" dia. Conc. Headwall                                                                | EA       | \$860.50   | \$0.00      |
|                                   | 15" Flared End Section                                                                 | EA       | \$8.75     | \$0.00      |
|                                   | 18" Flared End Section                                                                 | EA       | \$9.60     | \$0.00      |
|                                   | 21" Flared End Section                                                                 | EA       | \$10.80    | \$0.00      |
|                                   | 24" Flared End Section                                                                 | EA       | \$12.00    | \$0.00      |
|                                   | 27" Flared End Section                                                                 | EA       | \$14.00    | \$0.00      |
|                                   | 30" Flared End Section                                                                 | EA       | \$16.00    | \$0.00      |
|                                   | 36" Flared End Section                                                                 | EA       | \$18.00    | \$0.00      |
|                                   | 42" Flared End Section                                                                 | EA       | \$26.00    | \$0.00      |
|                                   | 48" Flared End Section                                                                 | EA       | \$31.50    | \$0.00      |
|                                   | 54" Flared End Section                                                                 | EA       | \$39.60    | \$0.00      |
|                                   | 60" Flared End Section                                                                 | EA       | \$49.25    | \$0.00      |
|                                   | 66" Flared End Section                                                                 | EA       | \$59.50    | \$0.00      |
|                                   | 72" Flared End Section                                                                 | EA       | \$70.00    | \$0.00      |

HOWELL CODE

| ITEM | DESCRIPTION                                                                            | QUANTITY | UNIT PRICE | TOTAL PRICE |
|------|----------------------------------------------------------------------------------------|----------|------------|-------------|
|      | 78" Flared End Section                                                                 | EA       | \$84.00    | \$0.00      |
|      | 84" Flared End Section                                                                 | EA       | \$92.75    | \$0.00      |
|      | 90" Flared End Section                                                                 | EA       | \$104.00   | \$0.00      |
|      | 96" Flared End Section                                                                 | EA       | \$124.00   | \$0.00      |
|      | Outlet Structure                                                                       | EA       | \$80.00    | \$0.00      |
|      | Low Flow Channel                                                                       | SF       | \$0.25     | \$0.00      |
|      | 5' Concrete Retaining Wall                                                             | LF       | \$4.00     | \$0.00      |
|      | Rip Rap – 4" stone                                                                     | Ton      | \$2.00     | \$0.00      |
|      | Rip Rap – 6" stone                                                                     | Ton      | \$2.50     | \$0.00      |
|      | Rip Rap – 8" stone                                                                     | Ton      | \$2.75     | \$0.00      |
|      | Rip Rap – 12" stone                                                                    | Ton      | \$3.00     | \$0.00      |
|      | Rip Rap – 24" stone                                                                    | Ton      | \$3.60     | \$0.00      |
|      | Detention Basin Topsoil, Seed, & Mulch                                                 | SY       | \$0.25     | \$0.00      |
|      | 3' Board on Board Fence                                                                | LF       | \$0.50     | \$0.00      |
|      | 4' Board on Board Fence                                                                | LF       | \$0.75     | \$0.00      |
|      | 6' Board on Board Fence                                                                | LF       | \$0.85     | \$0.00      |
|      | 7' Board on Board Fence                                                                | LF       | \$0.90     | \$0.00      |
|      | 8' Board on Board Fence                                                                | LF       | \$0.95     | \$0.00      |
|      | Fence & Gate w/Top Rail – 4'                                                           | LF       | \$0.70     | \$0.00      |
|      | Fence & Gate w/Top Rail – 6'                                                           | LF       | \$0.80     | \$0.00      |
|      | 4' Chain Link Fence                                                                    | LF       | \$0.40     | \$0.00      |
|      | 6' Chain Link Fence                                                                    | LF       | \$0.50     | \$0.00      |
|      | 10' Chain Link Fence                                                                   | LF       | \$0.65     | \$0.00      |
|      | Access Ramp Restoration                                                                | SY       | \$0.50     | \$0.00      |
|      | Emergency Spillway Restoration                                                         | EA       | \$80.00    | \$0.00      |
|      | Sand Bed Restoration                                                                   | CY       | \$2.50     | \$0.00      |
|      | Testing                                                                                |          |            |             |
|      | Permeability Testing                                                                   | LS       | \$500.00   | \$0.00      |
|      | Drain Time Testing                                                                     | LS       | \$292.00   | \$0.00      |
|      |                                                                                        |          |            |             |
|      | <b><u>Constructed Stormwater Wetlands</u></b>                                          |          |            |             |
|      |                                                                                        |          |            |             |
|      | Facility Inspections (Performed quarterly)                                             | LS       | \$292.00   | \$0.00      |
|      | Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration)                       | LS       | \$547.50   | \$0.00      |
|      | Localized Debris Removal                                                               | SY       | \$1.72     | \$0.00      |
|      | Tilling                                                                                | SF       | \$0.23     | \$0.00      |
|      | Mowing (performed four times annually)                                                 | ACRE     | \$292.00   | \$0.00      |
|      | Vegetative Maintenance (Includes trimming and weeding) (performed four times annually) | SY       | \$1.72     | \$0.00      |
|      | Structural Components Restoration (Replacement assumed every 20 years)                 |          |            |             |
|      | 12" dia. Conc. Headwall                                                                | EA       | \$28.75    | \$0.00      |
|      | 15" dia. Conc. Headwall                                                                | EA       | \$30.00    | \$0.00      |
|      | 18" dia. Conc. Headwall                                                                | EA       | \$45.00    | \$0.00      |
|      | 21" dia. Conc. Headwall                                                                | EA       | \$53.75    | \$0.00      |
|      | 24" dia. Conc. Headwall                                                                | EA       | \$65.00    | \$0.00      |
|      | 27" dia. Conc. Headwall                                                                | EA       | \$69.00    | \$0.00      |
|      | 30" dia. Conc. Headwall                                                                | EA       | \$76.50    | \$0.00      |

# LAND USE

| ITEM | DESCRIPTION                            | QUANTITY | UNIT PRICE | TOTAL PRICE |
|------|----------------------------------------|----------|------------|-------------|
|      | 36" dia. Conc. Headwall                | EA       | \$97.50    | \$0.00      |
|      | 42" dia. Conc. Headwall                | EA       | \$113.75   | \$0.00      |
|      | 48" dia. Conc. Headwall                | EA       | \$138.00   | \$0.00      |
|      | 54" dia. Conc. Headwall                | EA       | \$168.00   | \$0.00      |
|      | 60" dia. Conc. Headwall                | EA       | \$210.00   | \$0.00      |
|      | 66" dia. Conc. Headwall                | EA       | \$340.25   | \$0.00      |
|      | 72" dia. Conc. Headwall                | EA       | \$312.00   | \$0.00      |
|      | 78" dia. Conc. Headwall                | EA       | \$534.00   | \$0.00      |
|      | 84" dia. Conc. Headwall                | EA       | \$631.75   | \$0.00      |
|      | 90" dia. Conc. Headwall                | EA       | \$738.00   | \$0.00      |
|      | 96" dia. Conc. Headwall                | EA       | \$860.50   | \$0.00      |
|      | 15" Flared End Section                 | EA       | \$8.75     | \$0.00      |
|      | 18" Flared End Section                 | EA       | \$9.60     | \$0.00      |
|      | 21" Flared End Section                 | EA       | \$10.80    | \$0.00      |
|      | 24" Flared End Section                 | EA       | \$12.00    | \$0.00      |
|      | 27" Flared End Section                 | EA       | \$14.00    | \$0.00      |
|      | 30" Flared End Section                 | EA       | \$16.00    | \$0.00      |
|      | 36" Flared End Section                 | EA       | \$18.00    | \$0.00      |
|      | 42" Flared End Section                 | EA       | \$26.00    | \$0.00      |
|      | 48" Flared End Section                 | EA       | \$31.50    | \$0.00      |
|      | 54" Flared End Section                 | EA       | \$39.60    | \$0.00      |
|      | 60" Flared End Section                 | EA       | \$49.25    | \$0.00      |
|      | 66" Flared End Section                 | EA       | \$59.50    | \$0.00      |
|      | 72" Flared End Section                 | EA       | \$70.00    | \$0.00      |
|      | 78" Flared End Section                 | EA       | \$84.00    | \$0.00      |
|      | 84" Flared End Section                 | EA       | \$92.75    | \$0.00      |
|      | 90" Flared End Section                 | EA       | \$104.00   | \$0.00      |
|      | 96" Flared End Section                 | EA       | \$124.00   | \$0.00      |
|      | Outlet Structure                       | EA       | \$80.00    | \$0.00      |
|      | Low Flow Channel                       | SF       | \$0.25     | \$0.00      |
|      | 5' Concrete Retaining Wall             | LF       | \$4.00     | \$0.00      |
|      | Rip Rap – 4" stone                     | Ton      | \$2.00     | \$0.00      |
|      | Rip Rap – 6" stone                     | Ton      | \$2.50     | \$0.00      |
|      | Rip Rap – 8" stone                     | Ton      | \$2.75     | \$0.00      |
|      | Rip Rap – 12" stone                    | Ton      | \$3.00     | \$0.00      |
|      | Rip Rap – 24" stone                    | Ton      | \$3.60     | \$0.00      |
|      | Detention Basin Topsoil, Seed, & Mulch | SY       | \$0.25     | \$0.00      |
|      | 3' Board on Board Fence                | LF       | \$0.50     | \$0.00      |
|      | 4' Board on Board Fence                | LF       | \$0.75     | \$0.00      |
|      | 6' Board on Board Fence                | LF       | \$0.85     | \$0.00      |
|      | 7' Board on Board Fence                | LF       | \$0.90     | \$0.00      |
|      | 8' Board on Board Fence                | LF       | \$0.95     | \$0.00      |
|      | Fence & Gate w/Top Rail – 4'           | LF       | \$0.70     | \$0.00      |
|      | Fence & Gate w/Top Rail – 6'           | LF       | \$0.80     | \$0.00      |
|      | 4' Chain Link Fence                    | LF       | \$0.40     | \$0.00      |
|      | 6' Chain Link Fence                    | LF       | \$0.50     | \$0.00      |
|      | 10' Chain Link Fence                   | LF       | \$0.65     | \$0.00      |
|      | Access Ramp Restoration                | SY       | \$0.50     | \$0.00      |
|      | Emergency Spillway Restoration         | EA       | \$80.00    | \$0.00      |

HOWELL CODE

| ITEM                                                                                   | DESCRIPTION | QUANTITY | UNIT PRICE | TOTAL PRICE |
|----------------------------------------------------------------------------------------|-------------|----------|------------|-------------|
| Sand Bed Restoration                                                                   |             | CY       | \$2.50     | \$0.00      |
| Testing                                                                                |             |          |            |             |
| Permeability Testing                                                                   |             | LS       | \$500.00   | \$0.00      |
| Drain Time Testing                                                                     |             | LS       | \$292.00   | \$0.00      |
| Vegetative Restoration (1% of total basin landscape costs)                             |             | LS       | \$0.00     | \$0.00      |
|                                                                                        |             |          |            |             |
| <b><u>Dry Wells</u></b>                                                                |             |          |            |             |
|                                                                                        |             |          |            |             |
| Facility Inspections (Performed quarterly)                                             |             | LS       | \$292.00   | \$0.00      |
| Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration)                       |             | LS       | \$547.50   | \$0.00      |
| Sediment Removal (performed four times annually)                                       |             | SY       | \$1.72     | \$0.00      |
| Structural Components Restoration                                                      |             |          |            |             |
| Testing                                                                                |             |          |            |             |
| Drain Time Testing (Observe Water Level)                                               |             | LS       | \$292.00   | \$0.00      |
|                                                                                        |             |          |            |             |
| <b><u>Extended Detention Basins</u></b>                                                |             |          |            |             |
|                                                                                        |             |          |            |             |
| Facility Inspections (Performed quarterly)                                             |             | LS       | \$292.00   | \$0.00      |
| Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration)                       |             | LS       | \$547.50   | \$0.00      |
| Localized Debris Removal                                                               |             | SY       | \$1.72     | \$0.00      |
| Tilling                                                                                |             | SF       | \$0.23     | \$0.00      |
| Mowing (performed four times annually)                                                 |             | ACRE     | \$292.00   | \$0.00      |
| Vegetative Maintenance (Includes trimming and weeding) (performed four times annually) |             | SY       | \$1.72     | \$0.00      |
| Structural Components Restoration (Replacement assumed every 20 years)                 |             |          |            |             |
| 12" dia. Conc. Headwall                                                                |             | EA       | \$28.75    | \$0.00      |
| 15" dia. Conc. Headwall                                                                |             | EA       | \$30.00    | \$0.00      |
| 18" dia. Conc. Headwall                                                                |             | EA       | \$45.00    | \$0.00      |
| 21" dia. Conc. Headwall                                                                |             | EA       | \$53.75    | \$0.00      |
| 24" dia. Conc. Headwall                                                                |             | EA       | \$65.00    | \$0.00      |
| 27" dia. Conc. Headwall                                                                |             | EA       | \$69.00    | \$0.00      |
| 30" dia. Conc. Headwall                                                                |             | EA       | \$76.50    | \$0.00      |
| 36" dia. Conc. Headwall                                                                |             | EA       | \$97.50    | \$0.00      |
| 42" dia. Conc. Headwall                                                                |             | EA       | \$113.75   | \$0.00      |
| 48" dia. Conc. Headwall                                                                |             | EA       | \$138.00   | \$0.00      |
| 54" dia. Conc. Headwall                                                                |             | EA       | \$168.00   | \$0.00      |
| 60" dia. Conc. Headwall                                                                |             | EA       | \$210.00   | \$0.00      |
| 66" dia. Conc. Headwall                                                                |             | EA       | \$340.25   | \$0.00      |
| 72" dia. Conc. Headwall                                                                |             | EA       | \$312.00   | \$0.00      |
| 78" dia. Conc. Headwall                                                                |             | EA       | \$534.00   | \$0.00      |
| 84" dia. Conc. Headwall                                                                |             | EA       | \$631.75   | \$0.00      |
| 90" dia. Conc. Headwall                                                                |             | EA       | \$738.00   | \$0.00      |
| 96" dia. Conc. Headwall                                                                |             | EA       | \$860.50   | \$0.00      |
| 15" Flared End Section                                                                 |             | EA       | \$8.75     | \$0.00      |
| 18" Flared End Section                                                                 |             | EA       | \$9.60     | \$0.00      |

# LAND USE

| ITEM                                                             | DESCRIPTION | QUANTITY | UNIT PRICE | TOTAL PRICE |
|------------------------------------------------------------------|-------------|----------|------------|-------------|
| 21" Flared End Section                                           |             | EA       | \$10.80    | \$0.00      |
| 24" Flared End Section                                           |             | EA       | \$12.00    | \$0.00      |
| 27" Flared End Section                                           |             | EA       | \$14.00    | \$0.00      |
| 30" Flared End Section                                           |             | EA       | \$16.00    | \$0.00      |
| 36" Flared End Section                                           |             | EA       | \$18.00    | \$0.00      |
| 42" Flared End Section                                           |             | EA       | \$26.00    | \$0.00      |
| 48" Flared End Section                                           |             | EA       | \$31.50    | \$0.00      |
| 54" Flared End Section                                           |             | EA       | \$39.60    | \$0.00      |
| 60" Flared End Section                                           |             | EA       | \$49.25    | \$0.00      |
| 66" Flared End Section                                           |             | EA       | \$59.50    | \$0.00      |
| 72" Flared End Section                                           |             | EA       | \$70.00    | \$0.00      |
| 78" Flared End Section                                           |             | EA       | \$84.00    | \$0.00      |
| 84" Flared End Section                                           |             | EA       | \$92.75    | \$0.00      |
| 90" Flared End Section                                           |             | EA       | \$104.00   | \$0.00      |
| 96" Flared End Section                                           |             | EA       | \$124.00   | \$0.00      |
| Outlet Structure                                                 |             | EA       | \$80.00    | \$0.00      |
| Low Flow Channel                                                 |             | SF       | \$0.25     | \$0.00      |
| 5' Concrete Retaining Wall                                       |             | LF       | \$4.00     | \$0.00      |
| Rip Rap – 4" stone                                               |             | Ton      | \$2.00     | \$0.00      |
| Rip Rap – 6" stone                                               |             | Ton      | \$2.50     | \$0.00      |
| Rip Rap – 8" stone                                               |             | Ton      | \$2.75     | \$0.00      |
| Rip Rap – 12" stone                                              |             | Ton      | \$3.00     | \$0.00      |
| Rip Rap – 24" stone                                              |             | Ton      | \$3.60     | \$0.00      |
| Detention Basin Topsoil, Seed; & Mulch                           |             | SY       | \$0.25     | \$0.00      |
| 3' Board on Board Fence                                          |             | LF       | \$0.50     | \$0.00      |
| 4' Board on Board Fence                                          |             | LF       | \$0.75     | \$0.00      |
| 6' Board on Board Fence                                          |             | LF       | \$0.85     | \$0.00      |
| 7' Board on Board Fence                                          |             | LF       | \$0.90     | \$0.00      |
| 8' Board on Board Fence                                          |             | LF       | \$0.95     | \$0.00      |
| Fence & Gate w/Top Rail – 4'                                     |             | LF       | \$0.70     | \$0.00      |
| Fence & Gate w/Top Rail – 6'                                     |             | LF       | \$0.80     | \$0.00      |
| 4' Chain Link Fence                                              |             | LF       | \$0.40     | \$0.00      |
| 6' Chain Link Fence                                              |             | LF       | \$0.50     | \$0.00      |
| 10' Chain Link Fence                                             |             | LF       | \$0.65     | \$0.00      |
| Access Ramp Restoration                                          |             | SY       | \$0.50     | \$0.00      |
| Emergency Spillway Restoration                                   |             | EA       | \$80.00    | \$0.00      |
| Sand Bed Restoration                                             |             | CY       | \$2.50     | \$0.00      |
| Testing                                                          |             |          |            |             |
| Permeability Testing                                             |             | LS       | \$500.00   | \$0.00      |
| Drain Time Testing                                               |             | LS       | \$292.00   | \$0.00      |
|                                                                  |             |          |            |             |
| <b><u>Surface and Subsurface Infiltration Basin</u></b>          |             |          |            |             |
|                                                                  |             |          |            |             |
| Facility Inspections (Performed quaterly)                        |             | LS       | \$292.00   | \$0.00      |
| Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration) |             | LS       | \$547.50   | \$0.00      |
| Localized Debris Removal                                         |             | SY       | \$1.72     | \$0.00      |
| Tilling                                                          |             | SF       | \$0.23     | \$0.00      |
| Mowing (performed four times annually)                           |             | ACRE     | \$292.00   | \$0.00      |

## HOWELL CODE

| ITEM | DESCRIPTION                                                                            | QUANTITY | UNIT PRICE | TOTAL PRICE |
|------|----------------------------------------------------------------------------------------|----------|------------|-------------|
|      | Vegetative Maintenance (Includes trimming and weeding) (performed four times annually) | SY       | \$1.72     | \$0.00      |
|      | Structural Components Restoration (Replacement assumed every 20 years)                 |          |            |             |
|      | 12" dia. Conc. Headwall                                                                | EA       | \$28.75    | \$0.00      |
|      | 15" dia. Conc. Headwall                                                                | EA       | \$30.00    | \$0.00      |
|      | 18" dia. Conc. Headwall                                                                | EA       | \$45.00    | \$0.00      |
|      | 21" dia. Conc. Headwall                                                                | EA       | \$53.75    | \$0.00      |
|      | 24" dia. Conc. Headwall                                                                | EA       | \$65.00    | \$0.00      |
|      | 27" dia. Conc. Headwall                                                                | EA       | \$69.00    | \$0.00      |
|      | 30" dia. Conc. Headwall                                                                | EA       | \$76.50    | \$0.00      |
|      | 36" dia. Conc. Headwall                                                                | EA       | \$97.50    | \$0.00      |
|      | 42" dia. Conc. Headwall                                                                | EA       | \$113.75   | \$0.00      |
|      | 48" dia. Conc. Headwall                                                                | EA       | \$138.00   | \$0.00      |
|      | 54" dia. Conc. Headwall                                                                | EA       | \$168.00   | \$0.00      |
|      | 60" dia. Conc. Headwall                                                                | EA       | \$210.00   | \$0.00      |
|      | 66" dia. Conc. Headwall                                                                | EA       | \$340.25   | \$0.00      |
|      | 72" dia. Conc. Headwall                                                                | EA       | \$312.00   | \$0.00      |
|      | 78" dia. Conc. Headwall                                                                | EA       | \$534.00   | \$0.00      |
|      | 84" dia. Conc. Headwall                                                                | EA       | \$631.75   | \$0.00      |
|      | 90" dia. Conc. Headwall                                                                | EA       | \$738.00   | \$0.00      |
|      | 96" dia. Conc. Headwall                                                                | EA       | \$860.50   | \$0.00      |
|      | 15" Flared End Section                                                                 | EA       | \$8.75     | \$0.00      |
|      | 18" Flared End Section                                                                 | EA       | \$9.60     | \$0.00      |
|      | 21" Flared End Section                                                                 | EA       | \$10.80    | \$0.00      |
|      | 24" Flared End Section                                                                 | EA       | \$12.00    | \$0.00      |
|      | 27" Flared End Section                                                                 | EA       | \$14.00    | \$0.00      |
|      | 30" Flared End Section                                                                 | EA       | \$16.00    | \$0.00      |
|      | 36" Flared End Section                                                                 | EA       | \$18.00    | \$0.00      |
|      | 42" Flared End Section                                                                 | EA       | \$26.00    | \$0.00      |
|      | 48" Flared End Section                                                                 | EA       | \$31.50    | \$0.00      |
|      | 54" Flared End Section                                                                 | EA       | \$39.60    | \$0.00      |
|      | 60" Flared End Section                                                                 | EA       | \$49.25    | \$0.00      |
|      | 66" Flared End Section                                                                 | EA       | \$59.50    | \$0.00      |
|      | 72" Flared End Section                                                                 | EA       | \$70.00    | \$0.00      |
|      | 78" Flared End Section                                                                 | EA       | \$84.00    | \$0.00      |
|      | 84" Flared End Section                                                                 | EA       | \$92.75    | \$0.00      |
|      | 90" Flared End Section                                                                 | EA       | \$104.00   | \$0.00      |
|      | 96" Flared End Section                                                                 | EA       | \$124.00   | \$0.00      |
|      | Outlet Structure                                                                       | EA       | \$80.00    | \$0.00      |
|      | Low Flow Channel                                                                       | SF       | \$0.25     | \$0.00      |
|      | 5' Concrete Retaining Wall                                                             | LF       | \$4.00     | \$0.00      |
|      | Rip Rap – 4" stone                                                                     | Ton      | \$2.00     | \$0.00      |
|      | Rip Rap – 6" stone                                                                     | Ton      | \$2.50     | \$0.00      |
|      | Rip Rap – 8" stone                                                                     | Ton      | \$2.75     | \$0.00      |
|      | Rip Rap – 12" stone                                                                    | Ton      | \$3.00     | \$0.00      |
|      | Rip Rap – 24" stone                                                                    | Ton      | \$3.60     | \$0.00      |
|      | Detention Basin Topsoil, Seed, & Mulch                                                 | SY       | \$0.25     | \$0.00      |
|      | 3' Board on Board Fence                                                                | LF       | \$0.50     | \$0.00      |

# LAND USE

| ITEM | DESCRIPTION                                                                            | QUANTITY | UNIT PRICE | TOTAL PRICE |
|------|----------------------------------------------------------------------------------------|----------|------------|-------------|
|      | 4' Board on Board Fence                                                                | LF       | \$0.75     | \$0.00      |
|      | 6' Board on Board Fence                                                                | LF       | \$0.85     | \$0.00      |
|      | 7' Board on Board Fence                                                                | LF       | \$0.90     | \$0.00      |
|      | 8' Board on Board Fence                                                                | LF       | \$0.95     | \$0.00      |
|      | Fence & Gate w/Top Rail – 4'                                                           | LF       | \$0.70     | \$0.00      |
|      | Fence & Gate w/Top Rail – 6'                                                           | LF       | \$0.80     | \$0.00      |
|      | 4' Chain Link Fence                                                                    | LF       | \$0.40     | \$0.00      |
|      | 6' Chain Link Fence                                                                    | LF       | \$0.50     | \$0.00      |
|      | 10' Chain Link Fence                                                                   | LF       | \$0.65     | \$0.00      |
|      | Access Ramp Restoration                                                                | SY       | \$0.50     | \$0.00      |
|      | Emergency Spillway Restoration                                                         | EA       | \$80.00    | \$0.00      |
|      | Sand Bed Restoration                                                                   | CY       | \$2.50     | \$0.00      |
|      | Testing                                                                                |          |            |             |
|      | Drain Time Testing                                                                     | LS       | \$292.00   | \$0.00      |
|      | Subsurface Access Fee                                                                  | LS       | \$292.00   | \$0.00      |
|      |                                                                                        |          |            |             |
|      | <b><u>Manufactured Treatment Devices</u></b>                                           |          |            |             |
|      | <b>(Maintenance Requirements to Vary Per Manufacturers Specifications)</b>             |          |            |             |
|      |                                                                                        |          |            |             |
|      | Facility Inspections (Performed quarterly)                                             | LS       | \$292.00   | \$0.00      |
|      | Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration)                       | LS       | \$547.50   | \$0.00      |
|      | Localized Debris Removal                                                               | SY       | \$1.72     | \$0.00      |
|      | Sediment Removal/Vacuuming                                                             |          | \$0.00     | \$0.00      |
|      | Structural Components Restoration                                                      |          | \$0.00     | \$0.00      |
|      | Testing                                                                                |          |            |             |
|      | Drain Time Testing                                                                     |          | \$292.00   | \$0.00      |
|      |                                                                                        |          |            |             |
|      | <b><u>Surface Sand Filters</u></b>                                                     |          |            |             |
|      |                                                                                        |          |            |             |
|      | Facility Inspections (Performed quaterly)                                              | LS       | \$292.00   | \$0.00      |
|      | Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration)                       | LS       | \$547.50   | \$0.00      |
|      | Localized Debris Removal                                                               | SF       | \$1.72     | \$0.00      |
|      | Tilling                                                                                | SF       | \$0.23     | \$0.00      |
|      | Mowing (performed four times annually)                                                 | ACRE     | \$292.00   | \$0.00      |
|      | Vegetative Maintenance (Includes trimming and weeding) (performed four times annually) | SY       | \$1.72     | \$0.00      |
|      | Structural Components Restoration (Replacement assumed every 20 years)                 |          |            |             |
|      | 12" dia. Conc. Headwall                                                                | EA       | \$28.75    | \$0.00      |
|      | 15" dia. Conc. Headwall                                                                | EA       | \$30.00    | \$0.00      |
|      | 18" dia. Conc. Headwall                                                                | EA       | \$45.00    | \$0.00      |
|      | 21" dia. Conc. Headwall                                                                | EA       | \$53.75    | \$0.00      |
|      | 24" dia. Conc. Headwall                                                                | EA       | \$65.00    | \$0.00      |
|      | 27" dia. Conc. Headwall                                                                | EA       | \$69.00    | \$0.00      |
|      | 30" dia. Conc. Headwall                                                                | EA       | \$76.50    | \$0.00      |
|      | 36" dia. Conc. Headwall                                                                | EA       | \$97.50    | \$0.00      |

# HOWELL CODE

| ITEM                                       | DESCRIPTION | QUANTITY | UNIT PRICE | TOTAL PRICE |
|--------------------------------------------|-------------|----------|------------|-------------|
| 42" dia. Conc. Headwall                    |             | EA       | \$113.75   | \$0.00      |
| 48" dia. Conc. Headwall                    |             | EA       | \$138.00   | \$0.00      |
| 54" dia. Conc. Headwall                    |             | EA       | \$168.00   | \$0.00      |
| 60" dia. Conc. Headwall                    |             | EA       | \$210.00   | \$0.00      |
| 66" dia. Conc. Headwall                    |             | EA       | \$340.25   | \$0.00      |
| 72" dia. Conc. Headwall                    |             | EA       | \$312.00   | \$0.00      |
| 78" dia. Conc. Headwall                    |             | EA       | \$534.00   | \$0.00      |
| 84" dia. Conc. Headwall                    |             | EA       | \$631.75   | \$0.00      |
| 90" dia. Conc. Headwall                    |             | EA       | \$738.00   | \$0.00      |
| 96" dia. Conc. Headwall                    |             | EA       | \$860.50   | \$0.00      |
| 15" Flared End Section                     |             | EA       | \$8.75     | \$0.00      |
| 18" Flared End Section                     |             | EA       | \$9.60     | \$0.00      |
| 21" Flared End Section                     |             | EA       | \$10.80    | \$0.00      |
| 24" Flared End Section                     |             | EA       | \$12.00    | \$0.00      |
| 27" Flared End Section                     |             | EA       | \$14.00    | \$0.00      |
| 30" Flared End Section                     |             | EA       | \$16.00    | \$0.00      |
| 36" Flared End Section                     |             | EA       | \$18.00    | \$0.00      |
| 42" Flared End Section                     |             | EA       | \$26.00    | \$0.00      |
| 48" Flared End Section                     |             | EA       | \$31.50    | \$0.00      |
| 54" Flared End Section                     |             | EA       | \$39.60    | \$0.00      |
| 60" Flared End Section                     |             | EA       | \$49.25    | \$0.00      |
| 66" Flared End Section                     |             | EA       | \$59.50    | \$0.00      |
| 72" Flared End Section                     |             | EA       | \$70.00    | \$0.00      |
| 78" Flared End Section                     |             | EA       | \$84.00    | \$0.00      |
| 84" Flared End Section                     |             | EA       | \$92.75    | \$0.00      |
| 90" Flared End Section                     |             | EA       | \$104.00   | \$0.00      |
| 96" Flared End Section                     |             | EA       | \$124.00   | \$0.00      |
| Standard Drain Manhole Restoration         |             | EA       | \$75.00    | \$0.00      |
| Outlet Structure                           |             | EA       | \$80.00    | \$0.00      |
| 4" PPT Underdrain w/stone & filter fabric  |             | LF       | \$0.40     | \$0.00      |
| 6" PPT Underdrain w/stone & filter fabric  |             | LF       | \$0.60     | \$0.00      |
| 8" PPT Underdrain w/stone & filter fabric  |             | LF       | \$0.65     | \$0.00      |
| 10" PPT Underdrain w/stone & filter fabric |             | LF       | \$1.00     | \$0.00      |
| 12" PPT Underdrain w/stone & filter fabric |             | LF       | \$1.50     | \$0.00      |
| 15" PPT Underdrain w/stone & filter fabric |             | LF       | \$2.00     | \$0.00      |
| 18" PPT Underdrain w/stone & filter fabric |             | LF       | \$1.50     | \$0.00      |
| 21" PPT Underdrain w/stone & filter fabric |             | LF       | \$1.65     | \$0.00      |
| 24" PPT Underdrain w/stone & filter fabric |             | LF       | \$1.80     | \$0.00      |
| 27" PPT Underdrain w/stone & filter fabric |             | LF       | \$1.95     | \$0.00      |
| 30" PPT Underdrain w/stone & filter fabric |             | LF       | \$2.10     | \$0.00      |
| 36" PPT Underdrain w/stone & filter fabric |             | LF       | \$2.25     | \$0.00      |
| Emergency Spillway Restoration             |             | EA       | \$80.00    | \$0.00      |
| Sand Bed Restoration                       |             | CY       | \$2.50     | \$0.00      |
| Rip Rap – 4" stone                         |             | Ton      | \$2.00     | \$0.00      |
| Rip Rap – 6" stone                         |             | Ton      | \$2.50     | \$0.00      |
| Rip Rap – 8" stone                         |             | Ton      | \$2.75     | \$0.00      |
| Rip Rap – 12" stone                        |             | Ton      | \$3.00     | \$0.00      |
| Rip Rap – 24" stone                        |             | Ton      | \$3.60     | \$0.00      |
| Detention Basin Topsoil, Seed, & Mulch     |             | SY       | \$0.25     | \$0.00      |

# LAND USE

| ITEM | DESCRIPTION                                                                            | QUANTITY | UNIT PRICE | TOTAL PRICE |
|------|----------------------------------------------------------------------------------------|----------|------------|-------------|
|      | 3' Board on Board Fence                                                                | LF       | \$0.50     | \$0.00      |
|      | 4' Board on Board Fence                                                                | LF       | \$0.75     | \$0.00      |
|      | 6' Board on Board Fence                                                                | LF       | \$0.85     | \$0.00      |
|      | 7' Board on Board Fence                                                                | LF       | \$0.90     | \$0.00      |
|      | 8' Board on Board Fence                                                                | LF       | \$0.95     | \$0.00      |
|      | Fence & Gate w/Top Rail – 4'                                                           | LF       | \$0.70     | \$0.00      |
|      | Fence & Gate w/Top Rail – 6'                                                           | LF       | \$0.80     | \$0.00      |
|      | 4' Chain Link Fence                                                                    | LF       | \$0.40     | \$0.00      |
|      | 6' Chain Link Fence                                                                    | LF       | \$0.50     | \$0.00      |
|      | 10' Chain Link Fence                                                                   | LF       | \$0.65     | \$0.00      |
|      | Access Ramp Restoration                                                                | SY       | \$0.50     | \$0.00      |
|      | Testing                                                                                |          |            |             |
|      | Permeability Testing                                                                   | LS       | \$500.00   | \$0.00      |
|      | Drain Time Testing                                                                     | LS       | \$292.00   | \$0.00      |
|      |                                                                                        |          |            |             |
|      | <b><u>Vegetative Filters</u></b>                                                       |          |            |             |
|      |                                                                                        |          |            |             |
|      | Facility Inspections (Performed quaterly)                                              | LS       | \$292.00   | \$0.00      |
|      | Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration)                       | LS       | \$547.50   | \$0.00      |
|      | Localized Debris Removal                                                               | SY       | \$1.72     | \$0.00      |
|      | Tilling                                                                                | SF       | \$0.23     | \$0.00      |
|      | Mowing (performed four times annually)                                                 | ACRE     | \$292.00   | \$0.00      |
|      | Vegetative Maintenance (Includes trimming and weeding) (performed four times annually) | SY       | \$1.72     | \$0.00      |
|      | Structural Components Restoration (Replacement assumed every 20 years)                 |          |            |             |
|      | 4" PPT Underdrain w/stone & filter fabric                                              | LF       | \$0.40     | \$0.00      |
|      | 6" PPT Underdrain w/stone & filter fabric                                              | LF       | \$0.60     | \$0.00      |
|      | 8" PPT Underdrain w/stone & filter fabric                                              | LF       | \$0.65     | \$0.00      |
|      | 10" PPT Underdrain w/stone & filter fabric                                             | LF       | \$1.00     | \$0.00      |
|      | 12" PPT Underdrain w/stone & filter fabric                                             | LF       | \$1.50     | \$0.00      |
|      | 15" PPT Underdrain w/stone & filter fabric                                             | LF       | \$2.00     | \$0.00      |
|      | 18" PPT Underdrain w/stone & filter fabric                                             | LF       | \$1.50     | \$0.00      |
|      | 21" PPT Underdrain w/stone & filter fabric                                             | LF       | \$1.65     | \$0.00      |
|      | 24" PPT Underdrain w/stone & filter fabric                                             | LF       | \$1.80     | \$0.00      |
|      | 27" PPT Underdrain w/stone & filter fabric                                             | LF       | \$1.95     | \$0.00      |
|      | 30" PPT Underdrain w/stone & filter fabric                                             | LF       | \$2.10     | \$0.00      |
|      | 36" PPT Underdrain w/stone & filter fabric                                             | LF       | \$2.25     | \$0.00      |
|      | Rip Rap – 4" stone                                                                     | Ton      | \$2.00     | \$0.00      |
|      | Rip Rap – 6" stone                                                                     | Ton      | \$2.50     | \$0.00      |
|      | Rip Rap – 8" stone                                                                     | Ton      | \$2.75     | \$0.00      |
|      | Rip Rap – 12" stone                                                                    | Ton      | \$3.00     | \$0.00      |
|      | Rip Rap – 24" stone                                                                    | Ton      | \$3.60     | \$0.00      |
|      | Detention Basin Topsoil, Seed, & Mulch                                                 | SY       | \$0.25     | \$0.00      |
|      | 3' Board on Board Fence                                                                | LF       | \$0.50     | \$0.00      |
|      | 4' Board on Board Fence                                                                | LF       | \$0.75     | \$0.00      |
|      | 6' Board on Board Fence                                                                | LF       | \$0.85     | \$0.00      |
|      | 7' Board on Board Fence                                                                | LF       | \$0.90     | \$0.00      |

# HOWELL CODE

| ITEM | DESCRIPTION                                                                            | QUANTITY | UNIT PRICE | TOTAL PRICE |
|------|----------------------------------------------------------------------------------------|----------|------------|-------------|
|      | 8' Board on Board Fence                                                                | LF       | \$0.95     | \$0.00      |
|      | Fence & Gate w/Top Rail – 4'                                                           | LF       | \$0.70     | \$0.00      |
|      | Fence & Gate w/Top Rail – 6'                                                           | LF       | \$0.80     | \$0.00      |
|      | 4' Chain Link Fence                                                                    | LF       | \$0.40     | \$0.00      |
|      | 6' Chain Link Fence                                                                    | LF       | \$0.50     | \$0.00      |
|      | 10' Chain Link Fence                                                                   | LF       | \$0.65     | \$0.00      |
|      | Testing                                                                                |          |            |             |
|      | Permeability Testing                                                                   | LS       | \$500.00   | \$0.00      |
|      | Drain/Drying Time Testing                                                              | LS       | \$292.00   | \$0.00      |
|      |                                                                                        |          |            |             |
|      | <b>Wet Ponds</b>                                                                       |          |            |             |
|      |                                                                                        |          |            |             |
|      | Facility Inspections (Performed quaterly)                                              | LS       | \$292.00   | \$0.00      |
|      | Misc. Inspections (Rainfall exceeding 1" & Vegative Restoration)                       | LS       | \$547.50   | \$0.00      |
|      | Localized Debris Removal                                                               | SY       | \$1.72     | \$0.00      |
|      | Basin Draining                                                                         | LS       | \$7.30     | \$0.00      |
|      | Basin Dredging (performed every ten years)                                             | CY       | \$0.62     | \$0.00      |
|      | Mowing (performed four times annually)                                                 | ACRE     | \$292.00   | \$0.00      |
|      | Vegetative Maintenance (Includes trimming and weeding) (performed four times annually) | SY       | \$1.72     | \$0.00      |
|      | Structural Components Restoration (Replacement assumed every 20 years)                 |          |            |             |
|      | 12" dia. Conc. Headwall                                                                | EA       | \$28.75    | \$0.00      |
|      | 15" dia. Conc. Headwall                                                                | EA       | \$30.00    | \$0.00      |
|      | 18" dia. Conc. Headwall                                                                | EA       | \$45.00    | \$0.00      |
|      | 21" dia. Conc. Headwall                                                                | EA       | \$53.75    | \$0.00      |
|      | 24" dia. Conc. Headwall                                                                | EA       | \$65.00    | \$0.00      |
|      | 27" dia. Conc. Headwall                                                                | EA       | \$69.00    | \$0.00      |
|      | 30" dia. Conc. Headwall                                                                | EA       | \$76.50    | \$0.00      |
|      | 36" dia. Conc. Headwall                                                                | EA       | \$97.50    | \$0.00      |
|      | 42" dia. Conc. Headwall                                                                | EA       | \$113.75   | \$0.00      |
|      | 48" dia. Conc. Headwall                                                                | EA       | \$138.00   | \$0.00      |
|      | 54" dia. Conc. Headwall                                                                | EA       | \$168.00   | \$0.00      |
|      | 60" dia. Conc. Headwall                                                                | EA       | \$210.00   | \$0.00      |
|      | 66" dia. Conc. Headwall                                                                | EA       | \$340.25   | \$0.00      |
|      | 72" dia. Conc. Headwall                                                                | EA       | \$312.00   | \$0.00      |
|      | 78" dia. Conc. Headwall                                                                | EA       | \$534.00   | \$0.00      |
|      | 84" dia. Conc. Headwall                                                                | EA       | \$631.75   | \$0.00      |
|      | 90" dia. Conc. Headwall                                                                | EA       | \$738.00   | \$0.00      |
|      | 96" dia. Conc. Headwall                                                                | EA       | \$860.50   | \$0.00      |
|      | 15" Flared End Section                                                                 | EA       | \$8.75     | \$0.00      |
|      | 18" Flared End Section                                                                 | EA       | \$9.60     | \$0.00      |
|      | 21" Flared End Section                                                                 | EA       | \$10.80    | \$0.00      |
|      | 24" Flared End Section                                                                 | EA       | \$12.00    | \$0.00      |
|      | 27" Flared End Section                                                                 | EA       | \$14.00    | \$0.00      |
|      | 30" Flared End Section                                                                 | EA       | \$16.00    | \$0.00      |
|      | 36" Flared End Section                                                                 | EA       | \$18.00    | \$0.00      |
|      | 42" Flared End Section                                                                 | EA       | \$26.00    | \$0.00      |

# LAND USE

| ITEM | DESCRIPTION                                            | QUANTITY | UNIT PRICE | TOTAL PRICE |
|------|--------------------------------------------------------|----------|------------|-------------|
|      | 48" Flared End Section                                 | EA       | \$31.50    | \$0.00      |
|      | 54" Flared End Section                                 | EA       | \$39.60    | \$0.00      |
|      | 60" Flared End Section                                 | EA       | \$49.25    | \$0.00      |
|      | 66" Flared End Section                                 | EA       | \$59.50    | \$0.00      |
|      | 72" Flared End Section                                 | EA       | \$70.00    | \$0.00      |
|      | 78" Flared End Section                                 | EA       | \$84.00    | \$0.00      |
|      | 84" Flared End Section                                 | EA       | \$92.75    | \$0.00      |
|      | 90" Flared End Section                                 | EA       | \$104.00   | \$0.00      |
|      | 96" Flared End Section                                 | EA       | \$124.00   | \$0.00      |
|      | Standard Drain Manhole Restoration                     | EA       | \$75.00    | \$0.00      |
|      | Outlet Structure                                       | EA       | \$80.00    | \$0.00      |
|      | 4" PPT Underdrain w/stone & filter fabric              | LF       | \$0.40     | \$0.00      |
|      | 6" PPT Underdrain w/stone & filter fabric              | LF       | \$0.60     | \$0.00      |
|      | 8" PPT Underdrain w/stone & filter fabric              | LF       | \$0.65     | \$0.00      |
|      | 10" PPT Underdrain w/stone & filter fabric             | LF       | \$1.00     | \$0.00      |
|      | 12" PPT Underdrain w/stone & filter fabric             | LF       | \$1.50     | \$0.00      |
|      | 15" PPT Underdrain w/stone & filter fabric             | LF       | \$2.00     | \$0.00      |
|      | 18" PPT Underdrain w/stone & filter fabric             | LF       | \$1.50     | \$0.00      |
|      | 21" PPT Underdrain w/stone & filter fabric             | LF       | \$1.65     | \$0.00      |
|      | 24" PPT Underdrain w/stone & filter fabric             | LF       | \$1.80     | \$0.00      |
|      | 27" PPT Underdrain w/stone & filter fabric             | LF       | \$1.95     | \$0.00      |
|      | 30" PPT Underdrain w/stone & filter fabric             | LF       | \$2.10     | \$0.00      |
|      | 36" PPT Underdrain w/stone & filter fabric             | LF       | \$2.25     | \$0.00      |
|      | Emergency Spillway Restoration                         | EA       | \$80.00    | \$0.00      |
|      | Sand Bed Restoration                                   | CY       | \$2.50     | \$0.00      |
|      | Rip Rap – 4" stone                                     | Ton      | \$2.00     | \$0.00      |
|      | Rip Rap – 6" stone                                     | Ton      | \$2.50     | \$0.00      |
|      | Rip Rap – 8" stone                                     | Ton      | \$2.75     | \$0.00      |
|      | Rip Rap – 12" stone                                    | Ton      | \$3.00     | \$0.00      |
|      | Rip Rap – 24" stone                                    | Ton      | \$3.60     | \$0.00      |
|      | Detention Basin Topsoil, Seed, & Mulch                 | SY       | \$0.25     | \$0.00      |
|      | 3' Board on Board Fence                                | LF       | \$0.50     | \$0.00      |
|      | 4' Board on Board Fence                                | LF       | \$0.75     | \$0.00      |
|      | 6' Board on Board Fence                                | LF       | \$0.85     | \$0.00      |
|      | 7' Board on Board Fence                                | LF       | \$0.90     | \$0.00      |
|      | 8' Board on Board Fence                                | LF       | \$0.95     | \$0.00      |
|      | Fence & Gate w/Top Rail – 4'                           | LF       | \$0.70     | \$0.00      |
|      | Fence & Gate w/Top Rail – 6'                           | LF       | \$0.80     | \$0.00      |
|      | 4' Chain Link Fence                                    | LF       | \$0.40     | \$0.00      |
|      | 6' Chain Link Fence                                    | LF       | \$0.50     | \$0.00      |
|      | 10' Chain Link Fence                                   | LF       | \$0.65     | \$0.00      |
|      | Access Ramp Restoration                                | SY       | \$0.50     | \$0.00      |
|      | Testing                                                |          |            |             |
|      | Permeability Testing                                   | LS       | \$500.00   | \$0.00      |
|      | Drain Time Testing                                     | LS       | \$292.00   | \$0.00      |
|      | Electical Components Repairs (aerators, pumps, valves) | LS       | \$0.00     | \$0.00      |

HOWELL CODE

|                                                                 |               |
|-----------------------------------------------------------------|---------------|
| <b>ANNUALIZED MAINTENANCE SUBTOTAL:.....</b>                    | <b>\$0.00</b> |
| <b>REQUIRED MAINTENANCE FEE PER ORDINANCE SECTION 188-.....</b> | <b>\$0.00</b> |
| Where:                                                          |               |
| i =                                                             | 2.00%         |
| n =                                                             | 10 years      |