

### Status of Force Main Projects

Table 1. Project Groupings by Risk Categories

| LOF Category                  | Sum of Project Pipe Lengths (miles) |                                  |                             |                       |                                  | Totals | % of Total FM Assessed |
|-------------------------------|-------------------------------------|----------------------------------|-----------------------------|-----------------------|----------------------------------|--------|------------------------|
|                               | Consent Order Projects              | Projects to be added to Phase II | Projects to be added to CIP | Pipes to be Monitored | Pipes to be abandoned or removed |        |                        |
| High                          | 2.06                                | 0.04                             | 1.14                        | 1.02                  | 0.24                             | 4.49   | 4%                     |
| Moderate                      | 7.25                                | 1.38                             | 10.33                       | 30.28                 | 0.00                             | 49.23  | 45%                    |
| Low                           | 1.87                                | 0.46                             | 1.62                        | 52.60                 | 0.00                             | 56.56  | 51%                    |
| Total of Existing FM Assessed | 11.18                               | 1.88                             | 13.09                       | 83.90                 | 0.24                             |        |                        |
| New Pipe *                    | 3.72                                | 5.20                             | 0.00                        | 0.00                  | 0.00                             | 8.92   |                        |
| Grand Total (Rounded)         | 14.90                               | 7.10                             | 13.10                       | 83.90                 | 0.20                             | 119.20 |                        |
| % of Total                    | 12%                                 | 6%                               | 11%                         | 70%                   | 0%                               |        |                        |

- This category consists of Redundant, In-kind and other segments in the Consent Order

**Status of Force Main Projects**

Table 2. Current Consent Order Force Main Projects

| Project #    | Project Name  | Length (miles) | Cost                  | Status       | % Complete | Estimated Completion Date | Required Consent Order Completion Date |
|--------------|---|----------------|-----------------------|--------------|------------|---------------------------|--|
| P12177       | East Las Olas 12" Force Main Replacement  | 0.3            | \$ 1,689,730          | Construction | 100%       | 2/15/2018                 | 2/28/2018                              |
| P12319       | Emergency Repairs 30" Force Main A-Re-pump Station to GTL                             | 3.4            | \$ 15,879,363         | Complete     | 100%       | 5/30/2018                 | 5/31/2018                              |
| P12390       | Phase II Las Olas Blvd. Force Main Replacement and Modifications to Pump Station D-38 | 0.6            | \$ 4,893,000          | Construction | 81%        | 12/2/2020                 | 12/2/2020                              |
| P12388       | NW 13th Street 24-inch Force Main Replacement   | 0.5            | \$ 3,313,090          | Bidding      | 22%        | 5/15/2021                 | 9/30/2026                              |
| P12567       | Redundant Sewer Force Main South  | 2.4            | \$ 35,750,000         | Construction | 22%        | 7/18/2021                 | 9/30/2026                              |
| P12383       | NE 25th Avenue 24-inch Force Main Replacement   | 1.0            | \$ 4,784,890          | Planning     | 18%        | 7/10/2023                 | 9/30/2026                              |
| P12384       | NE 38th St 42-inch FM and NE 19th Ave 24-inch FM Replacements                         | 2.1            | \$ 11,096,690         | Planning     | 15%        | 7/31/2023                 | 9/30/2026                              |
| P12389       | 18-inch FM Replacement Across the N. River from NE 9th St to N. Birch Road            | 0.2            | \$ 2,112,550          | Bidding      | 22%        | 11/14/2023                | 9/30/2026                              |
| P12387       | Effluent Pipe 54" Force Main Replacement  | 0.7            | \$ 8,184,000          | Planning     | 15%        | 4/9/2024                  | 9/30/2026                              |
| TBD          | Rehabilitation of Existing 48/54 inch Force Main                                      | 3.6            | \$ 23,000,000         | Funding      | 0%         | 9/30/2026                 | 9/30/2026                              |
| <b>Total</b> |   | <b>14.9</b>    | <b>\$ 110,703,313</b> |              |            |                           |  |

Table 3. Force Main Projects to be Added to Phase II of the Consent Order

| Project #    | Project Name   | Length (miles) | Cost                 | Status       | % Complete | Estimated Completion Date | Required Consent Order Completion Date |
|--------------|--|----------------|----------------------|--------------|------------|---------------------------|--|
| N/A          | NE 5th Street FM Improvements<br>Victoria park 16" Force Main repair | 0.9            | \$ 1,929,050         | Complete     | 100%       | 2/29/2020                 | 9/30/2026                              |
| N/A          | NE 36th Street Force Main Improvements                               | 0.2            | \$ 309,875           | Complete     | 100%       | 3/20/2020                 | 9/30/2026                              |
| P12352       | South Middle River Force Main River Crossing                         | 0.3            | \$ 1,909,000         | Construction | 70%        | 9/30/2020                 | 9/30/2026                              |
| P12413       | Force Main Upsize (from PS D-35 to PS D-36)                          | 0.4            | \$ 1,480,000         | Construction | 50%        | 11/30/2020                | 9/30/2026                              |
| P12566       | Redundant Sewer Force Main North                                     | 5.2            | \$ 29,250,000        | Construction | 21%        | 4/16/2021                 | 9/30/2026                              |
| <b>Total</b> |  | <b>7.1</b>     | <b>\$ 34,877,925</b> |              |            |                           |  |

**Status of Force Main Projects**

Table 4. Force Main Projects to be Added to the CIP

| Project #    | Project Name  | Total Length of Pipe<br>(miles) | Estimated Project Cost |
|--------------|---|---------------------------------|------------------------|
| 1            | Rehabilitate/Replace the 16"/18" FM along Bayview Dr from NE 21st Street to Re-pump Station B | 1.81                            | \$ 6,000,000           |
| 2            | Rehabilitate/Replace the 12" FM from PS B-14 to the FM on Bayview Drive                       | 0.65                            | \$ 1,500,000           |
| 3            | Rehabilitate/Replace FM along NE 5th Street between NW 6th Avenue and NE 14th Avenue          | 1.06                            | \$ 4,000,000           |
| 4            | Rehabilitate/Replace 36" FM along SE 7th Street between SW 5th Avenue and SE 9th Avenue       | 0.92                            | \$ 6,400,000           |
| 5            | Rehabilitate/Replace FM from Western End of NW 13 Street Phase 2 to Re-pump Station A         | 1.04                            | \$ 6,300,000           |
| 6            | NW 13th Street Phase 2 Project  | 0.60                            | \$ 2,800,000           |
| 7            | NW 13th Street Phase 3 Project  | 1.47                            | \$ 5,300,000           |
| 8            | NW 13th Street Phase 4 Project  | 1.54                            | \$ 4,300,000           |
| 9            | Rehabilitate/Replace 30"/36" along SW 19th Street/18th Court                                  | 0.48                            | \$ 3,400,000           |
| 10           | Rehabilitation of Northern 42" from Re-pump B to George English Park                          | 3.53                            | \$ 29,500,000          |
| <b>Total</b> |   | <b>13.10</b>                    | <b>\$ 69,500,000</b>   |