

Pump Station Improvement Program Projects List

| PS | Project Description | Construction Cost Estimate |
|------|--|----------------------------|
| 0011 | Replace the 2 existing pumps with 3 of higher capacity / Replace internal piping / Install new Control Panel & Generator | \$1,500,000 |
| | Complete 106 I/I repairs for 538 gpm | \$550,000 |
| 0009 | Replace existing pumps with higher capacity ones / Replace internal piping / Install new Control Panel | \$1,000,000 |
| 0067 | Larger impellers and motors / Electrical upgrade | \$600,000 |
| | Complete 47 I/I repairs for 138 gpm | \$300,000 |
| 0059 | Larger pumps/ New valve vault/ Electrical upgrade | \$780,000 |
| 0173 | Flow isolation and I/I repairs as needed | \$250,000 |
| | Larger pumps / new valve vault / Electrical upgrade | \$800,000 |
| 0157 | Flow isolation and I/I repairs as needed | \$250,000 |
| | Submersible pumps in existing wet well / Electrical upgrade | \$800,000 |
| 0196 | Flow isolation and I/I repairs as needed | \$150,000 |
| | Larger pumps / New valve vault / Electrical upgrade | \$800,000 |
| 0158 | Flow isolation and I/I repairs as needed | \$150,000 |
| | Larger pumps and motors / Electrical upgrade | \$800,000 |
| 0124 | Flow isolation and I/I repairs as needed | \$250,000 |
| | Larger pumps / New valve vault / Electrical upgrade | \$800,000 |
| 1311 | Maintenance activities | \$80,000 |
| 0069 | Larger pumps and motors / Electrical upgrade | \$1,000,000 |
| 0394 | New gravity lines & FM to relocate PS | \$300,000 |
| | New submersible station | \$1,200,000 |
| 0102 | Flow isolation and I/I repairs as needed | \$185,000 |
| | Refurbish WW / Replace Internal Piping | \$185,000 |
| 0149 | I/I repairs in private property | \$0 |
| | Larger pumps and motors / Electrical upgrade | \$800,000 |
| 0560 | Larger pumps and motors / Electrical upgrade | \$780,000 |
| 1306 | New submersible pumps / New valve vault / Electrical upgrade | \$800,000 |

| PS | Project Description | Construction Cost Estimate |
|------|--|----------------------------|
| 0897 | Complete 32 I/I repairs for 132 gpm | \$80,000 |
| | New submersible PS/ Electrical upgrade | \$1,000,000 |
| | 1,100 L.F. of new 10" FM | \$450,000 |
| 0076 | Replace existing pumps and internal piping | \$850,000 |
| | Comple 117 I/I repairs for 432 gpm | \$300,000 |
| 0819 | New submersible PS/ Electrical upgrade and Generator | \$1,450,000 |
| 0308 | Flow isolation and I/I repairs as needed | \$100,000 |
| 0604 | New submersible PS/ Electrical upgrade | \$1,350,000 |
| | 3,000 L.F. of new 8" FM | \$1,150,000 |
| | Flow isolation and I/I repairs as needed | \$25,000 |
| 0439 | Larger pumps/ Electrical upgrade | \$950,000 |
| 0614 | Larger submersible pumps/ Electrical upgrade | \$850,000 |
| 0142 | Flow isolation and I/I repairs as needed | \$150,000 |
| | Larger submersible pumps / Electrical upgrade | \$850,000 |
| 0435 | Larger pumps/ Electrical upgrade | \$950,000 |
| 1065 | New submersible PS / Electrical upgrade | \$1,000,000 |
| 0645 | Flow isolation and I/I repairs as needed | \$150,000 |
| | Larger submersible pumps/ Electrical upgrade | \$650,000 |
| 0815 | Flow isolation and I/I repairs as needed | \$250,000 |
| | New submersible PS / Electrical upgrade | \$1,200,000 |
| 0113 | New submersible PS/ Electrical upgrade | \$1,350,000 |
| | Flow isolation and I/I repairs as needed | \$350,000 |
| 0144 | Complete 119 I/I repairs for 459 gpm | \$80,000 |
| 0330 | Flow isolation and I/I repairs as needed | \$175,000 |
| 0609 | Replace 2,700 L.F. of 6" FM with 10" FM | \$1,200,000 |
| | Flow isolation and I/I repairs as needed | \$220,000 |
| 0440 | Larger pumps/ Electrical upgrade | \$550,000 |
| 0672 | New submersible PS / Electrical upgrade | \$1,200,000 |
| 0675 | New submersible PS / Electrical upgrade | \$1,200,000 |
| 0057 | Flow isolation and I/I repairs as needed | \$600,000 |
| 0077 | New higher capacity submersible station | \$1,000,000 |
| | Flow isolation and I/I repairs as needed | \$600,000 |

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|------|--|----------------------------|
| 0648 | Flow isolation and I/I repairs as needed | \$400,000 |
| | Larger impellers and motors / Electrical upgrade | \$600,000 |
| 1201 | New submersible pumps / New valve vault / Electrical upgrade | \$800,000 |
| 0773 | Flow isolation and I/I repairs as needed | \$120,000 |
| | Convert to submersible with existing wet well | \$800,000 |
| 0853 | Complete 98 I/I repairs for 311 gpm | \$120,000 |
| | Larger pumps/ Electrical upgrade | \$650,000 |
| 0114 | Flow isolation and I/I repairs as needed | \$250,000 |
| | Larger pumps and motors/ Electrical upgrade | \$850,000 |
| 0596 | Larger pumps and motors/ Electrical upgrade | \$850,000 |
| 0194 | Replace 1300 L.F. of 12" FM | \$740,000 |
| 0669 | Flow isolation and I/I repairs as needed | \$200,000 |
| | New pumps, same as existing | \$300,000 |
| 0121 | Flow isolation and I/I repairs as needed | \$200,000 |
| | Larger pumps and motors/ Electrical upgrade | \$850,000 |
| 0369 | New submersible pumps same as existing | \$100,000 |
| 0046 | New higher capacity submersible PS / Electrical upgrade | \$850,000 |
| | Complete 34 I/I repairs for 75 gpm | \$180,000 |
| 0449 | New submersible PS/ Electrical upgrade | \$1,300,000 |
| | Replace 450 L.F. of 6" FM with 8" FM | \$185,000 |
| | PS 460, new submersible PS/ Electrical upgrade | \$960,000 |
| | PS 460, new 1,700 L.F. of 8" FM | \$650,000 |
| 0495 | Larger pumps/ Electrical upgrade | \$950,000 |
| 0638 | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 1002 | Larger pumps /New valve vault/ Electrical upgrade | \$950,000 |
| 0860 | Larger submersible pumps/ Electrical upgrade | \$650,000 |
| | Flow isolation and I/I repairs as needed | \$215,000 |
| 0105 | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 0109 | New submersible PS/ Electrical upgrade and Generator | \$1,500,000 |
| | Flow isolation and I/I repairs as needed | \$140,000 |
| 0026 | Complete 125 I/I repairs for 325gpm | \$300,000 |

| PS | Project Description | Construction Cost Estimate |
|------|---|----------------------------|
| 0399 | Larger pumps / Electrical upgrade and Generator | \$1,240,000 |
| | Complete I/I 20 repairs for 204 gpm | \$60,000 |
| 0871 | Flow isolation and I/I repairs as needed | \$80,000 |
| | Larger submersible pumps/ Electrical upgrade | \$850,000 |
| 0336 | Larger submersible pumps/ Electrical upgrade | \$850,000 |
| 0309 | Larger pumps/ Electrical upgrade | \$600,000 |
| 0480 | Larger submersible pumps/ Electrical upgrade | \$850,000 |
| 0331 | Complete I/I 31 repairs for 406 gpm | \$140,000 |
| 0500 | Submersible pumps in existing wet well/ Electrical upgrade | \$950,000 |
| 0431 | Larger pumps, new internal piping/ Electrical upgrade | \$950,000 |
| 1026 | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 0021 | Larger pumps and internal piping / New valve vault / Electrical upgrade | \$1,000,000 |
| 0147 | New submersible PS/ Electrical upgrade | \$1,350,000 |
| | Flow isolation and I/I repairs as needed | \$90,000 |
| 0163 | Flow isolation and I/I repairs as needed | \$150,000 |
| | Larger pumps and motors/Electrical upgrade | \$850,000 |
| 0215 | Larger pumps and motors/Electrical upgrade | \$850,000 |
| 0356 | Replace 1,500 L.F. of 6" FM | \$540,000 |
| 0383 | Replace 3,720 L.F. of 6-inch FM | \$675,000 |
| 0384 | | |
| 0407 | Larger pumps/ New valve vault/ Electrical upgrade | \$550,000 |
| | PS 408, Generator | \$250,000 |
| 0408 | Larger pumps/ Electrical upgrade | \$550,000 |
| | PS 454, Generator | \$250,000 |
| 0442 | New submersible PS/ Electrical upgrade | \$1,300,000 |
| 0456 | Larger pumps/ Electrical upgrade | \$550,000 |
| | PS 454, Generator | \$250,000 |
| 0473 | New submersible PS/ Electrical upgrade | \$1,000,000 |
| 0487 | Larger pumps | \$750,000 |
| 0506 | Larger pumps and motors/Electrical upgrade | \$850,000 |
| 0530 | New submersible PS/ Electrical upgrade | \$1,200,000 |

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|------|--|----------------------------|
| 0542 | Flow isolation and I/I repairs as needed | \$80,000 |
| | Larger pumps and motors/Electrical upgrade | \$850,000 |
| 0592 | Flow isolation and I/I repairs as needed | \$80,000 |
| | Installation of 2,650 LF of 24" FM (same as PS1021) | \$1,200,000 |
| 0613 | 1,800 LF of 8-inch FM (to divert the flow of PS 633) | \$720,000 |
| | New submersible PS/ Electrical upgrade | \$1,400,000 |
| 0688 | New submersible PS/ Electrical upgrade | \$1,400,000 |
| 0698 | Larger pumps/Electrical upgrade | \$1,350,000 |
| | 500 L.F. of new 8" FM | \$185,000 |
| 0723 | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 0724 | Flow isolation and I/I repairs as needed | \$80,000 |
| | Larger submersible pumps/Electrical upgrade | \$80,000 |
| 0742 | Flow isolation and I/I repairs as needed | \$130,000 |
| | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 0743 | Complete 18 repairs for 165 gpm | \$130,000 |
| 0785 | Flow isolation and I/I repairs as needed | \$120,000 |
| | Larger submersible pumps/Electrical upgrade | \$80,000 |
| 0794 | Flow isolation and I/I repairs as needed | \$120,000 |
| | Larger submersible pumps/Electrical upgrade | \$80,000 |
| 0836 | Larger pumps/ New valve vault/ Electrical upgrade | \$750,000 |
| 0840 | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 0842 | New submersible PS/ Electrical upgrade | \$950,000 |
| 0843 | New submersible pumps and wetwell/Electrical upgrade | \$80,000 |
| 0870 | Larger pumps/ New valve vault/ Electrical upgrade | \$750,000 |
| 0877 | Flow isolation and I/I repairs as needed | \$60,000 |
| | Larger submersible pumps/Electrical upgrade | \$80,000 |
| 0898 | Flow isolation and I/I repairs as needed | \$130,000 |
| | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 1008 | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 1020 | New submersible PS/ Electrical upgrade | \$1,400,000 |
| 1021 | Installation of 2,650 LF of 24" FM (same as PS 592) | \$0 |
| 1022 | New submersible PS/ Electrical upgrade | \$1,400,000 |
| | Replace 2000 L.F. of 8" FM | \$790,000 |

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|------|---|----------------------------|
| 1056 | New submersible PS/ Electrical upgrade | \$1,200,000 |
| 1058 | New submersible PS/ Electrical upgrade | \$1,000,000 |
| 1067 | Larger pumps/ New valve vault/ Electrical upgrade | \$750,000 |
| | 600 L.F. of new 8" FM | \$240,000 |
| 1240 | Flow isolation and I/I repairs as needed | \$930,000 |

\$101,820,000