

City of Pembroke Pines
Work Order 18 - Infiltration and Inflow Analysis
Fee Schedule
May 11, 2026

Cost Item	\$305 Technical Expert / QAQC	\$225 Associate	\$160 Engineer	\$140 Assistant Engineer	\$210 Senior Technician	\$110 Senior Administrator	Total Hours	Total (\$)
<u>Labor</u>								
<u>Task 1. Establish baseline and conduct system-level I/I analysis</u>								
Process and analyze system-level data	6	24	0	40	8	2	80	\$14,730
Meet with City to review findings	4	4	0	0	0	0	8	\$2,120
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Task Subtotal	10	28	0	40	8	2	88	\$16,850
<u>Task 2. Basin-level analysis and prioritization</u>								
Collect basin-level data	8	30	0	30	120	0	188	\$38,590
Process and analyze basin-level data	24	96	0	192	48	0	360	\$65,880
Meet with City to review findings	4	4	0	0	4	0	12	\$2,960
Task Subtotal	36	130	0	222	172	0	560	\$107,430
<u>Task 3. Basin prioritization memorandum</u>								
Prepare draft memorandum	8	16	0	56	4	4	88	\$15,160
Meet with City to review memorandum	4	4	0	0	0	0	8	\$2,120
Prepare final memorandum	2	6	0	10	2	2	22	\$4,000
Task Subtotal	14	26	0	66	6	6	118	\$21,280
<u>Task 4. Allowance</u>								
As-needed services requested by City	8	24	0	32	32	8	104	\$19,920
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Task Subtotal	8	24	0	32	32	8	104	\$19,920
							Labor Total	\$165,480
<u>Expenses</u>								
Task 2	Data Logger Purchase							\$6,000
							Expenses Total	\$6,000
							PROJECT TOTAL	\$171,480

Notes

Task 2 assumptions:

- Hazen will install data loggers for new data collection at up to 30 basins.
- The Wastewater Hydraulic Modeling project will provide flow data for up to 18 basins.
- The anticipated level of effort for data analysis is up to 48 basins.