



Town of Bristol, RI
WATER POLLUTION CONTROL DEPARTMENT
2 PLANT AVENUE
BRISTOL, RI 02809-3015
(401) 253-8877 fax: (401) 253-2910

TOWN HALL
10 COURT STREET
BRISTOL, RI 02809
(401) 253-7000

Jose' J. Da Silva, Superintendent

8/25/2025

To: Planning Board.

Re: Sewer Revisions Submission (7-11-2025)
Master Plan Submission – Comfort Inn & Suites
Gooding Avenue, Assessor's Plat 111 Lot 1

Dear Mr. Duhamel

The Bristol Water Pollution Control Department has reviewed the referenced Master Plan submission as it relates to the proposed hotel's sanitary sewer service. The Department conceptually agrees with the proposed system that consists of:

- Small submersible pumping station to service the hotel
- Force main connection to the 15-inch gravity sewer easement east of the proposed hotel
- 8,000 gallon tank for storage of wastewater

Upon further thought on how best to address the concern of severe weather, especially rain events, the following should be added.

- That the controls for the pumps to the pump station shall be accessible outside adjacent to the station for servicing and for safety reasons, a standard practice. We ask that the Sewer Department be given keys to access the controls in time of severe storm events.
- That a Smart Level equipment device be installed and associated communication services for downstream manhole monitoring. Water Pollution Control Department shall receive signals and information. Equipment, monthly fees and maintenance to be paid for by Hotel.
- Furnish equipment and establish signal between hotel pump station operation and Water Pollution Control Department (On –Off-High- Alarm)
- Submit operation and maintenance procedures for Hotel operation of overflow valve.
- That the hotel enter an agreement with septage haulers in case of need to empty the holding tank if and when the 15" main is at capacity.

Sincerely,

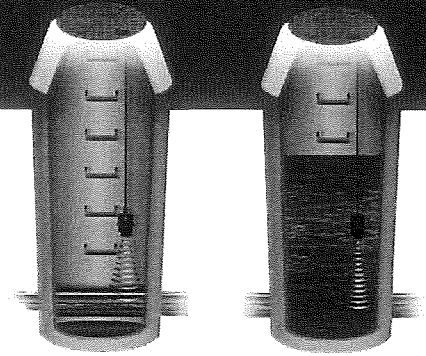
Jose' Da Silva
Superintendent
Bristol WPCF

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SmartLevel™ is the used for measuring and reporting sewer levels. SmartLevel provides collection systems with unmanned operations monitoring real time sewer levels 24/7/365. Any subtle nuances in level data are analyzed and when irregularities or anomalies are detected, the system sends notifications for situational assessment. Combined with the SmartTrend analysis tool, the system is able to indicate when and where there may be a potential pipe blockage due to debris, fats, roots, oil or grease causing levels to rise.



Our Subsonic® sensor measures from the bottom of the invert to the manhole cover using both ultrasonic and pressure readings, ensuring level is measured even if the sensor is submerged

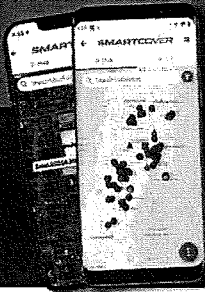
Where it Works

SmartLevel is highly versatile for use within different environments:

- Wastewater collection system
- Raw water conveyance system
- Stormwater system
- Any open water channel
- High frequency cleaning locations
- Siphons and easements
- Older high risk pipes
- Flooding
- Lift station back up
- Environmental or politically sensitive areas

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- Hardware components engineered to function in wet, humid, corrosive conditions
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- NO CONFINED SPACE ENTRY* installation or service
- Reduces traffic management resources
- Secure, online dashboard with easy-to-read, visual reports
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- Works when there is no power
- Satellite coverage works with sites difficult to access and withstands cellular outages
- Variable timing options for data scan and notifications
- Built in tilt switch for real time entry detection
- Encrypted secure servers with redundancy
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- API available
- Configurations for open channels, canals, holding tanks, lift stations, outfalls, reservoirs, and utility vaults



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