

Issue 4.

Minimum Emergency Pump-Out Requirements Not Met:

62-604.400(2) F.A.C. requires emergency pumping requirements that allow the option of a connection for portable generating equipment. This connection was not included in the Contract Specifications when the DEP Permit Application was submitted, but was added as a Contract Change after permit issuance. However, **62-604.400(3) F.A.C.** states *“Regardless of the type of emergency standby system provided, a riser from the force main with rapid connection capabilities and appropriate valving shall be provided for all pump stations to hook up portable pumps.”*

Recommended Standards for Wastewater Facilities (incorporated by reference 62-604.300 (g) F.A.C.) (also known as the Ten States Standards), Section 47.2 states: *“Regardless of the type emergency standby system provided, a portable pump connection to the force main with rapid connection capabilities and appropriate valving shall be provided outside the dry well and wet well.”* Emergency pump out connections were not included in the construction contracts, but is especially important for quickly pumping down grinder pits in the likely event of a plugged force main, at which time simply providing electrical power will not empty the grinder pit. Note that the specified grinder pits have tamper-proof bolts securing the lid which will significantly slow access to the pits for pump-out. See **Exhibit U.**

Recommended Standards for Wastewater Facilities (incorporated by reference 62-604.300 (g) F.A.C. (also known as the Ten States Standards), Section 47.1 states *“The objective of emergency operation is to prevent the discharge of raw or partially treated waste water to any waters and to protect public health by preventing back-up of waste water and subsequent discharge to basements, streets, and other public and private.”*

Because there is such a large number of grinder pump stations, even with emergency pump-out connections, back-ups into homes can be expected if a force main blockage affects any but a small area.

62-604.500(2) F.A.C. states *“All collection/transmission systems shall be operated and maintained so as to provide uninterrupted service as required by this rule.”*

62-604.600(9) F.A.C. states *“If, after review of Form 62-604.300(8)(a) and any supporting documentation, the Department determines that the applicant has not provided reasonable assurance that the construction, modification, expansion, or operation of the installation will be in accordance with applicable laws or rules, including rules of delegated local programs, the Department shall deny the permit or notify the applicant that the general permit cannot be used, as appropriate.”*

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