

DEP Form 62-604.300(8)(a), Notification/Application For Constructing A Domestic Wastewater Collection/Transmission System
CHECKLIST

Note: This checklist and example text is meant as an aid in preparing the DEP form and does ***not*** relieve the preparer of responsibility to provide complete and accurate information. This checklist does ***not*** need to be submitted with the form.

_____ Read instructions.

Part I - General; Subpart A

_____ Check project applicability for individual permit versus NOI for general permit and mark appropriate box. As noted at the top of page 3, if the project has not been designed in accordance with the standards and criteria, an application for an individual permit shall be submitted. However, if Rules 62-604.400(1) and (2), F.A.C., specifically allow for another alternative that will result in an equivalent level of reliability and public health protection, the project can be constructed

Part I - General; Subpart B

_____ Read instructions.

Part II - Project Documentation

_____ (1): Enter applicable information.

_____ (2): Enter applicable information.

- Include separate descriptions for public and private improvements. All facilities to be conveyed to County are public; all facilities to be owned by Permittee (or successor) are private. Also, describe development to be served (i.e. purpose).
- Leave construction dates blank until submitting to FDEP.

_____ (3) Table: Enter applicable information.

- If not applicable, enter "NA" in the box.
- Per Collier County Design Criteria, per capita flow is 100 gallons per person.
- Per Collier County Design Criteria, population per unit for all residential uses is 2.5 persons per unit.
- As applicable, table values shall account for existing and proposed flows, including anticipated future development.
- Peaking factor should be calculated based on population served, in accordance with RSWF 11.243.

_____ (3) *Description: To be completed by Preparer only if commercial, institutional and/or industrial facilities are proposed.

- As applicable, include current as well as any planned future development.
- If not applicable, enter "NA" in the box.

_____ (4) Table: Enter applicable information.

- Complete each row for each pump station in the project. Attach additional sheets as necessary.
- Use factors of 1.35 and 0.5 for maximum and minimum flows to the station(s).
- If not applicable, enter "NA" in the box.

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____ (5) A. Read instructions.

____ (5) A. 1 through 82. In the spaces provided, initial in blue ink items that apply or mark "NA" if not applicable or mark "NC" if the project has not been designed to comply with the requirement. Items pre-marked "NA" are never applicable in Collier County, items pre-marked "?" vary by project, and items with blank lines always apply when included in the project.

____ Items

- ____ 2 Mark "NA" unless treatment during construction is proposed/required.
- ____ 14 Mark "NA" unless project includes joining dissimilar materials, which is not typical.
- ____ 27-31 Mark "NA" unless project includes subaqueous stream crossings.
- ____ 32-33 Mark "NA" unless project includes aerial stream crossings.
- ____ 43 Mark "NA" for grinder pumps or alternative non-clog pumping technology (e.g., Flygt Exporior N-technology) with openings less than 100 mm.
- ____ 48 Mark "NC" only if a Utility Deviation was approved allowing a velocity less than 2 FPS, in which case an individual permit is required. (See Part I.A.)
- ____ 71 If an audio-visual alarm system with a self-contained power supply is provided in lieu of a telemetered system, provide documentation in Part II (5)B demonstrating an equivalent level of reliability and public health protection based upon location, holding capacity, and inspection frequency.
- ____ 74 Mark "NA" if the proposed pump station does not include a standby diesel pump or generator (i.e. not a Community Pump Station).
- ____ 76 Mark "NC" only if a Utility Deviation was approved allowing a velocity less than 2 FPS and/or a force main diameter less than 4 inches, in which case an individual permit is required. (See Part I.A.)
- ____ 77 Mark "NA" unless project includes an intersecting force main(s) or a force main stub-out(s).
- ____ 78 Mark "NA" if all force mains are designed with no high points. Consider lowering or dipping the other pipe at a crossing to avoid creating a high point in the force main.

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(5) B. Provide explanation for items under (5) A. that are marked with "NA" or "NC". Attach additional sheets as necessary.

Items

- ___ 2 If marked "NA" in (5) A, provide explanation, e.g., "No operation during construction." If initialed, then include a procedural specification for operation of the collection/transmission system during construction.
- ___ 11 Provide explanation, e.g., "Velocities are designed to be less than 10 fps."
- ___ 12 Provide explanation, e.g., "No portion of project is designed with slopes 20% or greater."
- ___ 14 If marked "NA" in (5) A, provide explanation, e.g., "No joining of dissimilar materials in project."
- ___ 19 Provide explanation, e.g., "An inverted siphon is not proposed for this project."
- ___ 26 Provide explanation, e.g., "No electrical equipment is specified for the gravity manholes."
- ___ 27-31 If marked "NA" in (5) A, provide explanation, e.g., "There are no subaqueous stream crossings."
- ___ 32-33 If marked "NA" in (5) A, provide explanation, e.g., "There are no aerial stream crossings."
- ___ 37 Provide explanation, e.g., "There are no dry wells in the design."
- ___ 39 Provide explanation, e.g., "There are no dry wells in the design. Stainless steel guide bars and lifting chains make access into wet well(s) unnecessary."
- ___ 42 Provide explanation, e.g., "Pipe sizes will not be 30 inches or larger."
- ___ 43 If marked "NA" in (5) A, provide explanation, e.g., "Grinder pumps are proposed," or, "Pumps with alternative non-clog technology are proposed."
*Note: Flygt N-series pumps are approved by FDEP as providing equivalent protection from clogging.
- ___ 47 Provide explanation, e.g., "There are no dry wells in the design."
- ___ 48 If marked "NA" in (5) A, provide explanation, e.g., "See attached Utility Deviation approval for a design velocity less than 2 FPS."
- ___ 55 Provide explanation, e.g., "There are no ventilation or lighting systems in the design."
- ___ 56 Provide explanation, e.g., "There is no ventilation system in the design."
- ___ 57 Provide explanation, e.g., "Forced air wet well ventilation is unnecessary."
- ___ 58 Provide explanation, e.g., "There are no dry wells in the design."
- ___ 63-64 Provide explanation, e.g., "There is no suction-lift pump station in the design."
- ___ 70 Provide explanation, e.g., "Valve piping is aboveground."

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- ___ 71 If marked "NC" in (5) A, provide explanation, e.g., "An audio-visual alarm system with a self-contained power supply is provided in lieu of a telemetered system." Include or attach documentation demonstrating an equivalent level of reliability and public health protection based upon location, holding capacity, and inspection frequency.
- ___ 74 If marked "NA" in (5) A, provide explanation, e.g., "There is no emergency equipment."
- ___ 75 Provide explanation, e.g., "Independent substations will not be used for emergency power."
- ___ 76 If marked "NC" in (5) A, provide explanation, e.g., "Private force main is sized for cleansing velocity but portion to be conveyed to County is min. size per local requirement."
- ___ 77 If marked "NA" in (5) A, provide explanation, e.g., "There are no proposed or future connections to the force main."
- ___ 78 If marked "NA" in (5) A, provide explanation, e.g., "Force main is designed without high points."
- ___ Any additional information required to provide explanation of items marked "X" is attached to application form.

Part III - Certifications

- ___ (1): Enter applicable information. Permittee must sign and date prior to PUEPMD approval.
- ___ (2): Template is pre-entered for signature by PUEPMD, assuming County ownership. Revise contact information and obtain signature of Permittee if system is to be entirely privately owned. If only part of system will be conveyed to County, add contact information and obtain signature of Permittee on Page 13 as well and indicate portion of system ownership to be certified by each entity.
- ___ (3): Template is pre-entered with the plant name and permit information. Maximum monthly and three-month average daily flows will need to be updated prior to PUEPMD director signature. Flows can be confirmed by emailing:

UtilityPlanning@colliercountyfl.gov

- ___ (4): Preparer must initial, sign, seal, and date prior to PUEPMD approval.