

**Indian River County, Florida
Department of Utility Services
Board Memorandum**

Date: June 7, 2024

To: Indian River County Board of County Commissioners

Through: John A. Titkanich, Jr., County Administrator

From: Sean C. Lieske, Director of Utility Services

Prepared by: Howard G. Richards, P.E., Manager - Capital Projects

Subject: Work Order 5 to AtkinsRéalis USA for Collection System Action Plan
IRCDUS Project ID PID 21.24.519)

Background:

The Indian River County Department of Utilities Services (IRCDUS) owns and operates a wastewater (sewer) collection infrastructure comprising, approximately five-hundred and twenty-nine (529) miles of sanitary sewers (i.e., gravity, force, and vacuum mains), over seven thousand (7,000) manholes, over four-hundred and seventeen (417) lift stations, and one (1) vacuum station fed by two-hundred and forty-nine (249) vacuum collection chambers. Sewer collected throughout the Indian River County service area is treated by four regional wastewater treatment facilities (WWTFs) with a combined permit of 12.017 million gallons per day (MGD) annual average daily flow (AADF).

On June 28, 2023, Rule 62-600.705(2) F.A.C. (Rule) became effective. Through this rule, the Florida Department of Environmental Protection (FDEP) requires all domestic wastewater facility permittees to develop a pipe assessment, repair, and replacement action plan for the facility's collection system (referred to as Collection System Action Plan). The goal of this Collection System Action Plan is to prevent sanitary sewer overflows (SSOs) and leakages that may endanger public health and the environment. The Plan requires a proactive approach of assessing the condition of the collection system to identify and plan for needed maintenance, repairs, and rehabilitation of the system.

Analysis:

This Rule was activated for IRCDUS upon receipt of the Central WWTF permit renewal on May 10, 2024 (effective date). The permit requires the Collection System Action Plan to be completed and submitted within one year of the effective date.

IRCDUS desires to engage AtkinsRéalis USA (AtkinsRéalis) to assist with creating a Collection System Action Plan that meets this Rule's requirements and can be utilized by IRCDUS staff for annual reporting purposes. Upon staff's request, AtkinsRéalis provided the attached WO 5 for services associated with the preparation of a Collection System Action Plan in the amount not-to-exceed \$155,229.20.

Consent Item

Funding:

Funds, in the amount of \$155,229.20, for this project are derived from the Utilities / WW Collection / Other Professional Services / Collection System Action Plan account, number 47126836-033190-24519, in the Utilities operating fund. The Utilities operating fund budget is derived from water and sewer revenues.

Description	Account Number	Amount
Utilities / WW Collection / Other Professional Services / Collection System Action Plan	47126836-033190- 24519	\$155,229.20

Recommendation:

Staff recommends that the Indian River County Board of County Commissioners approve Work Order 5 with AtkinsRéalis USA in the amount of \$155,229.20 to provide professional engineering services in preparation of the Collection System Action Plan and authorize the Chair to execute the same. So long as there are no changes in the dollar amount under the work order and upon adequate completion of the work set forth in the work order, staff is directed to make final payment and release any retainage to AtkinsRéalis USA, after review and approval by the Purchasing Manager and the County Attorney's Office.

Attachments:

- AtkinsRéalis WO 05 Collection System Action Plan