



MEMORANDUM

City of Venice

Utilities Department

TO: Ed Lavallee, ICMA-CM, MPA, City Manager

THROUGH: Javier A. Vargas, MPA, Utilities Director

FROM: Patience S. Anastasio, PE, CIP Manager

DATE: December 26, 2019

COUNCIL APPROVAL: Yes

MEETING DATE: January 14, 2020

STRATEGIC PLAN GOAL: Upgrade and Maintain City Infrastructure and Facilities

SUBJECT: Work Assignment with Hazen and Sawyer for Permitting Assistance and Deep Injection Well Evaluation

Background: The City recently received the draft permit for the renewal of the Industrial Wastewater Facility Permit No. FL0035335 associated with the concentrate discharge of the Reverse Osmosis Water Treatment Plant (ROWTP) to the Intercoastal Waterway (ICWW). The draft permit includes nutrient limitations for phosphorus and nitrogen based on the receiving water body being impaired for nutrients (chlorophyll a) which are based on current loads and do not accommodate any future growth to the system. The previous permit did not include limitations for these parameters. The permit is accompanied by an administrative order, which limits nutrients until the City is able to obtain nutrient credits for all future nutrient loads or develop an alternative discharge for the concentrate. As such, the City has requested Hazen and Sawyer provide assistance associated with compliance of the administrative order and the evaluation of options for meeting the proposed permit limits based on future growth expected by the water system. Options will include the potential for nutrient credits in addition to the feasibility of constructing a deep injection well to meet future water demands and maintain compliance with the FDEP permit.

Requested Action: Approval of Work Assignment for Professional Services for Permitting Assistance and Deep Injection Well Evaluation with Hazen and Sawyer in the amount of \$180,000.00.

If for an agenda item, this document and any associated backup created by City of Venice staff has been reviewed for ADA compliance: N/A

City Attorney Review/Approved: Yes

Risk Management Review: Yes

Finance Department Review/Approved: Yes

Funds Availability (account number): 421-1203-533.31-00

ORIGINAL(S) ATTACHED: Work Assignment

Cc: Peter Boers, Procurement Manager