



## Legislation Details (With Text)

<b>File #:</b>	ID#18-4501	<b>Version:</b>	1	<b>Name:</b>	Northeast WRF Basin Inflow & Infiltration Permanent Flow Monitoring
<b>Type:</b>	Action Item	<b>Status:</b>	Passed		
<b>File created:</b>	4/10/2018	<b>In control:</b>	Public Works		
<b>On agenda:</b>	6/7/2018	<b>Final action:</b>	6/7/2018		
<b>Title:</b>	Approve an Engineer of Record (EOR) Work Order to McKim and Creed, Inc. in the amount of \$123,400 for the Northeast WRF Basin Inflow and Infiltration Permanent Flow Monitoring project (18-0024-UT) and authorize the appropriate officials to execute same. (consent)				
<b>Sponsors:</b>					
<b>Indexes:</b>	**, 2. Economic & Housing Opportunity, 4. Environmental Stewardship				
<b>Code sections:</b>					
<b>Attachments:</b>	1. 18-0024-UT NE WRF II Permanent Flow Monitoring WorkOrder, 2. NorthEast Flow_Meters_Basin				

Date	Ver.	Action By	Action	Result
6/7/2018	1	City Council		
6/4/2018	1	Council Work Session		

### SUBJECT/RECOMMENDATION:

Approve an Engineer of Record (EOR) Work Order to McKim and Creed, Inc. in the amount of \$123,400 for the Northeast WRF Basin Inflow and Infiltration Permanent Flow Monitoring project (18-0024-UT) and authorize the appropriate officials to execute same. (consent)

### SUMMARY:

During wet weather events, the City's sanitary sewer system experiences higher influent volumes due to Inflow and Infiltration (I&I) entering the system. These higher volumes can cause sanitary sewer overflows and Water Reclamation Facility (WRF) permit violations because the systems are not designed to accommodate significant volumes of I&I. Monitoring equipment will be installed to collect continuous flow data during dry weather and wet weather events to identify the source(s) of I&I. The collected data is anticipated to lead to a reduction in rainfall derived I&I in the Northeast WRF basin.

This project will provide flow monitoring services (equipment installation, data collection, analyses and reporting) for a period of 12 months, through June of 2019.

Project benefits include improved process efficiencies, ongoing rehabilitation and restoration strategies of conveyance infrastructure, and increased environmental protection and regulatory compliance.

The City of Clearwater's Public Utilities Department is responsible for owning, operating and maintaining the wastewater collection system and water reclamation facilities.

### APPROPRIATION CODE AND AMOUNT:

Funds for this work order are included in the 2017/18 Public Utilities Operating Budget in 4211355-530100, WET Northeast Plant Professional Services, in the amount of \$41,133.33. Future year funding will be included in the 2018/19 Public Utilities Operating Budget in 4211355-530100, WET Northeast Plant in the amount of \$82,266.67.

4211355-530100 \$41,133.33

4211355-531100 \$82,266.67

