

# CITY OF LYNDEN

## EXECUTIVE SUMMARY



<b>Meeting Date:</b>	June 15, 2020	
<b>Name of Agenda Item:</b>	Wastewater In-Flow COVID-19 Monitoring Plan	
<b>Section of Agenda:</b>	New Business	
<b>Department:</b>	Public Works	
<b>Council Committee Review:</b>	<input type="checkbox"/> Community Development <input type="checkbox"/> Finance <input type="checkbox"/> Parks	<input type="checkbox"/> Public Safety <input checked="" type="checkbox"/> Public Works <input type="checkbox"/> Other: _____
<b>Legal Review:</b>	<input checked="" type="checkbox"/> Yes - Reviewed <input type="checkbox"/> No - Not Reviewed <input type="checkbox"/> Review Not Required	
<b>Attachments:</b>	Exact Scientific Services – COVID-19 Monitoring Plan	
<b>Summary Statement:</b>	<p>As communities implement a phased opening from COVID-19 restrictions, there is currently no documented way to monitor the impacts in real time. EPA notes on their website that,</p> <p style="padding-left: 40px;">“Preliminary research indicates that monitoring wastewater for the presence of SARS-CoV-2 (coronavirus) may be useful as a sensitive early indicator of low levels of infections in the community. Having an early warning system to alert public health officials about infection in a community would be helpful. Likewise, monitoring SARS-CoV-2 in wastewater may also provide an indication of decreasing levels of infection within a community [<a href="http://www.epa.gov">www.epa.gov</a> “<i>Detecting and Monitoring SARS-CoV-2 in Wastewater</i>”].</p> <p>Exact Scientific Services provided the City with a COVID Monitoring Plan that included three different monitoring options. One of those options is testing sewage samples from the wastewater treatment plant influent for the presence of COVID. The City currently takes composite samples as part of its National Pollution Discharge Elimination System (NPDES) Permit with the State Department of Ecology and this sample could easily be provided to Exact Scientific Services consistent with Option 1 in the plan they submitted.</p> <p>The City is also interested in researching other possible future testing protocols for locations to include sewer pump stations, and sites near the schools to provide an additional tool for decisionmakers on possible COVID impacts.</p> <p>The Public Works Committee reviewed the draft COVID-19 monitoring plan at a special meeting on June 10, 2020 and concurred to recommend approval to enter into an initial agreement for wastewater testing to City Council.</p>	
<b>Recommended Action:</b>	<p>That City Council authorize the Mayor to enter into a simplified professional service agreement for wastewater treatment plant influent testing for COVID with Exact Scientific Services not to exceed \$20,000 to be funded with federal CARES funding, and to explore additional testing services that could be brought back to Council under an expanded service agreement with Exact Scientific Services not to exceed \$150,000, also funded by CARES.</p>	