

Financial Reporting Requirements Associated with West Point Treatment Plant Restoration Efforts

Report Requirement	Description
King County Code 2.93.08 – requires the reporting of expenditures within 45 days of issuing a Determination of Emergency	Report on consultant/construction contracts currently utilized for WP restoration submitted to Council March 23. \$1.415 million has been expended through mid-March for clean-up costs, contractor services, equipment, and water quality monitoring.
Motion 14813 - extending a waiver from competitive bidding and solicitation requirements for contracts relating to the repair and replacement of damaged structures and equipment at West Point Treatment Plant.	<p>Requires quarterly reports on the ongoing repair work. Each report is to be filed no later than forty-five days after the close of a fiscal quarter, so that the first report shall be filed no later than May 15, 2017.</p> <p>Reports are to include:</p> <ul style="list-style-type: none"> <li>a. expenditures during the previous quarter and anticipated for the next quarter;</li> <li>b. project expenditures to date;</li> <li>c. a current estimate of the total costs of the repairs;</li> <li>d. a list of the contracts or agreements undertaken under the authority in this waiver, including for each contract or agreement: the name of the vendor, the type of work, the value of the contract or agreement and the level of compliance with the contracting requirements of K.C.C.3.15.100, K.C.C. chapters 72.16,12.17,12.18 and 88 12.19 and related administrative rules;</li> <li>e. a summary of procurement actions anticipated, but not yet undertaken under the authority of this procurement waiver; and</li> <li>f. a discussion of specific actions taken during the previous quarter to continue to obtain competitive prices on behalf of the rate payers despite this waiver, including but not limited to procurements let or to be let in accordance with the requirements of K.C.C. 94 chapters 2.93 and achieving compliance with K.C.C. 3.15.100, K.C.C. chapters 12.16, 95 12.17 , 12.1 8 and 12.19 and related administrative rules.</li> </ul>
Motion 14826 - providing for a report on causes, consequences and appropriate responses to the West Point Treatment Plant February 2017 emergency bypass discharge event.	<p>The motion directs the Council Chief of Staff to chief of staff to initiate an expedited process to procure a qualified contractor to prepare a report addressing and evaluating the causes of the event, as well as providing recommendations for how a similar event can be avoided in the future and what responses could have been taken to avert the event. Authorization to contract will be by future council motion. The wastewater treatment division shall work closely with and provide information as requested by the consultant to accomplish the purposes of the report. The motion states:</p> <p>The report should include, but not be limited to:</p>

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	<p>a. a description of the flooding of the plant that occurred during the event, including flooding volume, sources, facility damage, threats to staff safety, and implications for facility operations and design;</p> <p>b. an evaluation of the causes or contributing factors to the event, including but not limited to the weather, volumes of the combined flows of wastewater and stormwater, failures and causes of such failures of equipment or systems, including but not limited to electrical, any wastewater treatment division operational protocol, procedure or practice, and any staff training, decisions and actions of the on-site crew during or leading up to the event;</p> <p>c. a description and evaluation of the wastewater treatment division's immediate and subsequent responses to the event, including communications after the event to stakeholders and the public and internal reporting and tracking processes;</p> <p>d. an evaluation of how the flooding of the plant could have been averted;</p> <p>e. an evaluation of the plant's power systems, both leading to the plant, and within the plant, with any recommendations for opportunities to strengthen system redundancy and avoid power disruptions or abnormalities that may require emergency crew response;</p> <p>f. a description of the environmental impacts from the discharge of untreated or minimally treated wastewater and stormwater, including impacts related to wastewater bacteria, as well as metals and other toxins, associated with the event;</p> <p>g. a description of the public health impacts resulting from the event;</p> <p>h. recommendations of appropriate preventive approaches, strategies, practices or systems to avoid recurrence of extended suspensions of full operation of the wastewater treatment at the plant, consistent with the plant's National Pollutant Discharge Elimination System ("NPDES") permit and state and federal laws;</p> <p>i. an evaluation of methods to relieve flow volumes at the plant during future heavy storm periods, including, but not limited to, flow diversion, infiltration/inflow control, increased system storage or green stormwater infrastructure opportunities, or any other appropriate</p>

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	<p>means;</p> <p>j. a description and an evaluation of the wastewater treatment division's lessons learned from the event that will help avoid future extended suspension of full operation of the wastewater treatment at the plant, consistent with the plant's NPDES permit and state and federal laws;</p> <p>k. a review of prior occasions at the plant involving effluent discharge pump shutdowns or operational interruptions over the past three years, describing the cause of each event, the outcome, whether any facility damages resulted, whether pump replacement or repair was required and whether corrective action was taken to avoid future such events; and</p> <p>l. any other findings or analysis the consultant deems relevant or necessary for the council and the public to understand the causes and effectiveness of the response to the event and how to prevent a similar event in the future.</p> <p>The consultant should deliver its final report simultaneously to the council and the executive by July 1, 2017, or at other date mutually agreeable between the council chief of staff and the contractor.</p>

Proposed reporting requirements that have been introduced but not yet approved by Council

Report Requirement (introduced, but not yet approved by Council)	Description
<p>Proposed Motion 2017-0141 - providing for a half-century evaluation and report on the West Point Treatment Plant.</p>	<p>The proposed motion states:</p> <p>The executive is requested to retain a third-party consultant to undertake a review and evaluation of the West Point Treatment Plant after a half century of operations, and prepare a report addressing:</p> <ol style="list-style-type: none"> <li>1. Changes in operating context, such as increases in service population, increased impermeable cover over the land base of its service area, current and projected climate-driven changes in weather patterns and flow demand, changes in regulatory requirements and increased concern about water quality, concentrated growth patterns associated with the</li> </ol>

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	<p>county's Comprehensive Plan, increased industrial contribution to wastewater flows and how well positioned the plant is to meet these changes in operational context;</p> <p>2. Current and projected processing capacity demand compared to current capacity; changes in the state-of-the-art regarding wastewater processing technology; constraints acting upon the plant including, functional, design and engineering constraints and land base limitations that constrain capital development; and</p> <p>3. System vulnerabilities and other plant operations and management concerns that have emerged over the period of the plant's operations.</p> <p>The report should identify and make recommendations regarding system improvements or upgrades to position the facility for the coming decades of operations.</p> <p>The evaluation and report should be transmitted by ninety days after the report required by Motion 14826 is delivered to the council...</p>
Proposed Motion 2017-0142 - providing for evaluating and reporting on the Strategic Asset Management Plan of the wastewater treatment division, to assess the need to focus on system critical infrastructure such as the West Point Treatment Plant.	<p>The proposed motion states:</p> <p>A. The executive is requested undertake a review and report on the Strategic Asset Management Plan of the wastewater treatment division, to assess means by which the plan can be modified and strengthened to address conditions that have become apparent as the result of the event.</p> <p>B. The review and report should be transmitted by ninety days after the report required by Motion 14826 is delivered to the council...</p>
Proposed Ordinance 2017-0164 - providing for posting and notification of system metrics, including process disruptions, associated with the regional wastewater treatment system.	<p>The proposed ordinance states:</p> <p>The executive shall prepare and post electronically, consistent with the posting of metrics by the solid waste division, monthly metrics summary reports within thirty days following the end of a given month, addressing at least the following information:</p> <ol style="list-style-type: none"> <li>1. Total flow volumes and peak flow volumes managed at key points in the system, including treatment plants, and at strategic conveyance system locations;</li> <li>2. Tons of process solids managed at each of the treatment plants;</li> <li>3. Volumes of biosolids produced and distributed from each of the treatment plants;</li> </ol>

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	<p>4. Sediment, water quality and effluent monitoring data;</p> <p>5. Power disruption events and flow backup events;</p> <p>6. Electrical energy utilized systemwide and at each of the treatment plants;</p> <p>7. Methane produced at each of the treatment plants;</p> <p>8. Wastewater rate and capacity charge revenue and expenditure information;</p> <p>9. Untreated and treated combined sewer overflow discharges, and storage information; and</p> <p>10. Permit violations or event reports to state environmental or public health authorities.</p> <p>B. The executive shall work with council staff to develop the summary report format and content such that it is most useful for the monitoring and oversight purpose, and can serve as a common system status communications tool for the regional water quality committee, the council and the executive.</p> <p>C. A prototype of the metrics summary report shall be transmitted to the council and the regional water quality committee by September 1, 2017. The regular monthly posting of the metrics summary report shall begin by November 2017.</p> <p>D. In addition to including any upset or disruption to system processes in the monthly system metrics posting, the executive shall, by letter, notify the chair and members of the council and of the regional water quality committee, of any disruption or system upset event that results in a significant change in wastewater processing procedures lasting greater than an eighteen-hour period. The notification shall be made within forty-eight hours of the start of the event.</p>