

**Kohl-Wells** moved Striking Amendment 1.  
The motion carried.

**S1**

[3-9-21]

[MR]

Sponsor: Kohl-Welles

Proposed No.: 2021-0115

1 **STRIKING AMENDMENT TO PROPOSED MOTION 2021-0115, VERSION 1**

2 On page 1, beginning on line 7, strike everything through page 5, line 90, and insert:

3 "WHEREAS, the King County executive on February 25, 2021, issued an  
4 Executive Declaration of Emergency, declaring that immediate steps must be taken to  
5 improve power reliability at the West Point Treatment Plant, and

6 WHEREAS, in accordance with K.C.C. 2.93.080, the Executive Declaration of  
7 Emergency waived the public advertising and competitive procurement requirements of  
8 state and county law, stating in relevant part as follows:

9 "The requirements for public advertising and competitive procurement of chapter  
10 36.32 RCW, chapter 39.04 RCW, chapter 39.80 RCW, K.C.C. chapter 2.93, and the  
11 requirements of K.C.C. chapter 12.19 and all applicable King County executive policies  
12 and procedures are hereby waived relating to county contracts for the following  
13 purchases or leases: tangible personal property; public works; and services, including  
14 professional or technical services, or both, relating to emergency work for expedited  
15 improvements to the electrical system at the West Point Treatment Plant to include  
16 modification of the cogeneration system or the addition of a battery energy storage  
17 system, or both, any other improvements to the plant's electrical system, and analysis and  
18 development of a schedule and cost estimate for a new dedicated electrical power feed or

19 transmission line in coordination with Seattle City Light. This waiver shall continue in  
20 full force and effect until all necessary contracts are executed or until terminated by  
21 subsequent order of the King County executive, action by the metropolitan King County  
22 council by motion or as otherwise may be required by law," and

23 WHEREAS, under K.C.C. 2.93.080.B., such a waiver stays in effect for twenty-  
24 one calendar days after its issuance, unless terminated sooner by order of the executive or  
25 action of the council by motion, or unless it is extended by council motion, and

26 WHEREAS, King County owns and operates the West Point Treatment Plant that  
27 provides wastewater treatment for residents and businesses in the City of Seattle,  
28 including Seattle's combined stormwater/wastewater sewer system; City of Shoreline; the  
29 north end of Lake Washington; and parts of southern Snohomish County, and

30 WHEREAS, it is imperative that the West Point Treatment Plant have reliable  
31 power, as the largest treatment plant in Washington state based on wastewater volumes  
32 treated, to continue to reliably treat higher wastewater flows from a growing population  
33 and increased stormwater volumes, and to comply with regulatory obligations and  
34 prepare for climate change, and

35 WHEREAS, there has been an increase in bypass events at the West Point  
36 Treatment Plant related to the quality of power delivered at the plant. In the last twenty  
37 years, there have been sixteen bypass events resulting from plant equipment shutting  
38 down because of voltage sags, which are momentary reductions in power voltage, and  
39 other power disturbances on the Seattle City Light power feed. Eight of those events  
40 occurred in the last five years with the most recent of these happening on January 13,  
41 2021, and

42           WHEREAS, the result of such voltage sags has led to plant equipment shut  
43   downs, which in turn have put employees’ health and safety at risk because of potential  
44   flooding within the plant, as well as resulted in unauthorized bypasses of the secondary  
45   treatment system, when stormwater and sewage that has received some treatment is  
46   blended with wastewater that has been fully treated and then disinfected. Such  
47   unauthorized bypasses have resulted in both temporarily prohibiting public access to  
48   nearby beaches and limiting the harvest of shellfish, and

49           WHEREAS, voltage sags, which have led to unauthorized bypasses, are  
50   increasing in frequency and remain largely unpredictable, and

51           WHEREAS, a power quality assessment, dated May 28, 2020, and jointly funded  
52   by King County and Seattle City Light, made nine recommendations to mitigate voltage  
53   sags and these recommendations have been implemented or are underway. The  
54   Washington state Department of Ecology also received a copy of that May 28, 2020,  
55   report, and

56           WHEREAS, some of the recommendations in the May 28, 2020, report have been  
57   completed at West Point Treatment Plant, but such actions were not sufficient to prevent  
58   the unauthorized bypass that occurred on January 13, 2021, which resulted from a voltage  
59   sag, and

60           WHEREAS, the Washington state Department of Ecology issued Administrative  
61   Order 19477 to King County on February 2, 2021, regarding unauthorized bypasses of  
62   the secondary treatment system at the West Point Treatment Plant between January 1,  
63   2018, and June 30, 2020, and

64           WHEREAS, Administrative Order 19477 noted that six of the unanticipated,

65 unauthorized bypasses of the secondary treatment system between January 1, 2018, and  
66 June 30, 2020, were caused by power reliability issues related to the West Point  
67 Treatment Plant's main electrical power system, and

68 WHEREAS, Administrative Order 19477 requires King County to complete four  
69 corrective actions that include: by June 30, 2021, producing a report describing proposed  
70 changes to the West Point Treatment Plant's control system to allow the effluent pumps to  
71 operate longer during a voltage sag; by September 30, 2021, producing a report  
72 describing other process, mechanical or operational strategies King County can use to  
73 mitigate against unauthorized secondary bypasses at the West Point Treatment Plant; by  
74 December 31, 2021, developing a strategic master plan for the West Point Treatment  
75 Plant's electrical system that includes near-term electrical system modifications to the  
76 plant that King County will complete in the next three to five years to improve overall  
77 power reliability and resiliency; and by December 31, 2025, implementing and  
78 completing the near-term corrective actions, and

79 WHEREAS, the West Point Treatment Plant includes a cogeneration system that  
80 could be modified to enable greater resiliency to power disruptions, allowing the plant to  
81 withstand voltage sags that can otherwise shut down critical equipment, and

82 WHEREAS, the proposed modifications to the cogeneration system could be  
83 completed by February 2023, and

84 WHEREAS, installing a battery energy storage system at the West Point  
85 Treatment Plant in addition to, or in place of, a modification to the cogeneration system  
86 may significantly improve power reliability in the near term, and

87 WHEREAS, it is urgent that King County analyze and develop a schedule and

88 cost estimate for a new, dedicated power line in coordination with Seattle City Light to  
89 improve longer-term power reliability and avoid the power disruptions that lead to  
90 consequential voltage sags approximately every two months at the West Point Treatment  
91 Plant. That work is vital to completion of the strategic master plan required by  
92 Administrative Order 19477, and

93 WHEREAS, immediate action must be taken to address the real, immediate threat  
94 to the proper performance of essential government functions and to prevent material loss  
95 or damage to property or bodily injury, and

96 WHEREAS, an extension of the waiver from the public advertising and  
97 competitive procurement requirements of state and county law is necessary to prevent  
98 delay in continuing the work described in the preceding clauses;

99 NOW, THEREFORE, BE IT MOVED by the Council of King County:

100 In accordance with K.C.C. 2.93.080.C., the council extends until February 28,  
101 2023, a waiver of the public advertising and competitive procurement requirements of  
102 state law, K.C.C. chapter 2.93 and the requirements of K.C.C. chapter 12.19 relating to  
103 those county contracts for the purchases or leases of tangible personal property; public  
104 works as defined by RCW 39.04.010 and services, including professional or technical  
105 services, necessary to respond to the voltage sags occurring at the West Point Treatment  
106 Plant and to comply with Administrative Order 19477, dated February 2, 2021, issued by  
107 the Washington state Department of Ecology to King County."

108 **EFFECT prepared by Mike Reed:**

- 109 • Simplifies language regarding the waiver expiration time frame;
- 110 • Specifies that the bypass events resulted from plant equipment shutdowns  
111 associated with voltage sags

- 112 • Notes the most recent event of January 13, 2021
- 113 • Notes that voltage sags resulted in equipment shutdowns can put employee  
114 safety at risk; and in unauthorized bypasses of secondary treatment. Notes that  
115 the bypasses have resulted in prohibiting access to beaches, and in limiting the  
116 harvest of shellfish;
- 117 • Notes that voltage sags are increasing in frequency and are largely unpredictable
- 118 • Notes that the Department of Ecology was provided a copy of the May 28, 2020  
119 power quality assessment report
- 120 • Notes that while some of the May 28 2020 actions have been implemented, that  
121 was not sufficient to prevent the January 13, 2021 unauthorized bypass
- 122 • Specifies dates that various reports and products required in the Ecology  
123 administrative order are due
- 124 • Clarifies language describing requirements of the strategic master plan  
125 mandated by Ecology
- 126 • Notes that modifications to the cogeneration facility could be completed by  
127 February 2023;
- 128 • Notes that the analysis of cost and scheduling for a dedicated power line to West  
129 Point is critical to completion of the mandated strategic master plan
- 130 • Revises language providing for the extension of the waiver of advertising and  
131 procurement requirements, specifying the pertinent state and county code  
132 sections