

# 7. Regional System Planning

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**King County**

Department of  
Natural Resources and Parks  
**Solid Waste Division**

Waste  
Prevention

Resource  
Recovery

Waste  
Disposal

Comp\_Plan ILA\_Extension  
Business\_Model Happy Long\_Term\_Disposal  
Regional\_System\_Planning  
Fun ZWORP County Joy Haulers  
Waste\_Export Interlocal\_Agreements Cities WTE



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# Regional System Planning

**Zero Waste  
of Resources  
Plan  
(ZWORP)**

**Rate  
Restructure**

**Comp Plan  
Update /  
Long Term  
Disposal  
Decision**

**ILA  
Extensions**



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- What: Identify options for diverting specific parts of the waste stream (plastics, paper, food, etc.) and business models to support this diversion.
- Why: Need to know our options for “focusing on the 70”. Need to know what *will not* be in the future waste stream.
- Who: King County partners with Cities, Haulers, and Processors to develop.



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## Rate Restructure

- What: Move away from the variable, tonnage based disposal rate to a more fixed based disposal rate.
- Why: We cannot fund a zero waste of resources future if we still collect disposal fees based on tons.
- Who: King County partners with Cities, Local Services, and Haulers to develop.



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**Comp Plan  
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Disposal  
Decision**

- What: Update the Comp Plan, including what the long term disposal option will be.
- Why: Meet Ecology requirements for updating the Plan. Start planning for the next disposal option.
- Who: King County develops; Cities, Haulers, Processors provide input on plan. Cities vote on adoption. WA State Dept of Ecology reviews and adopts.



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## ILA Extensions

- What: Extend interlocal agreements with cities out to 2060.
- Why: Need to know who will be in the system so we can plan for the future (e.g.: facility sizing) and use long term bonds to finance projects.
- Who: King County and Cities negotiate.



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### Rate Restructure

#### Zero Waste of Resources Plan (ZWORP)

- Revenues from ZWORP actions could positively or negatively affect the disposal rate amount in the new structure.
- Need to know what areas of ZWR other entities (haulers, processors) will take on.
- Need to know what non-disposal revenue options exist for the division.



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**Zero Waste of Resources Plan (ZWORP)**

**Comp Plan Update / Long Term Disposal Decision**

### **Zero Waste of Resources Plan (ZWORP)**

#### **Comp Plan Update / Long Term Disposal Decision**

- Policies, Recommended Actions, and Content in the Comp Plan may need to be updated to reflect ZWORP actions.
- Need to know the waste characterization and amount of waste in the future before deciding the long term disposal method. This can impact the size and operations of a Waste to Energy (WTE) plant. Can also open up options for technologies that deal with smaller volumes of waste (pyrolysis). Does not have an impact on Waste Export by Rail.



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### Comp Plan Update / Long Term Disposal Decision

#### ILA Extensions

- Cities may want to know the long term disposal method before extending the ILA.
- The Division needs to extend ILAs to 2060 to consider building a WTE plant because they need to know the size of the system (who will be in long term) and need to use long term bonds for financing.



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2020

2021

2022

2023

2024

Zero Waste of Resources Plan (ZWORP)

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ILA Extensions



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