

Topic #15: L&I/Electrical Requirements

- Excavation, Trenching, and Shoring – comply with WAC 296-155 Part N
- Electrical - Comply with all Washington State Labor and Industries requirements for all electrical components as noted in Chapter 296-46B WAC

| <i>Committee Vote</i> | | |
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| <i>GRN</i> | <i>YEL</i> | <i>RED</i> |
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Topic #16: Collection and Transmission – Reference following standards:

- “Criteria for Sewage Works Design” (The “Orange Book,” Ecology Publication #98-37)
- Department of Transportation/American Public Works Association (WSDOT/APWA) Standard Specifications for Road, Bridge and Municipal Construction (WSDOT Publication #M 41-10)
- “Pipeline Separation Design and Installation Guide” (Ecology Publication # 06-10-029)
- Other: USEPA Alternative Wastewater Collection guidance, WEF standards, local utility standards

| <i>Committee Vote</i> | | |
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| <i>GRN</i> | <i>YEL</i> | <i>RED</i> |
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Topic 17: Design to facilitate O&M

- LOSS must be designed to facilitate on-going operation, maintenance, and monitoring
- Service access and monitoring ports at finished grade for all LOSS components
- All accesses designed to allow monitoring & maintenance
- All accesses secured to minimize injury or unauthorized entry

Must review again once other O&M issues have been discussed

| <i>Committee Vote</i> | | |
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| <i>GRN</i> | <i>YEL</i> | <i>RED</i> |
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Topic 23 – Specific Technologies

Intermittent Sand Filter

- Accept what is in the LOSS foundation document (page 27) with following changes:
 - Increase minimum number of doses/day to 18
 - Modify ASTM C-33 specifications to a maximum of 4% by weight passing a #100 sieve and 0% by weight passing a #200 sieve
 - Reference the Pressure Distribution guidance document in WAC
 - Applicant “shall address” how irrigation and rainwater impact the goals of ensuring unsaturated soil and no clogging biomat.
 - Minimum of 30 ft. horizontal setback if filter is downgradient from interceptor/curtain drains/foundation drains, drainage ditches, or stormwater infiltration ponds/swales.

| <i>Committee Vote</i> | | |
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| <i>GRN</i> | <i>YEL</i> | <i>RED</i> |
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Sand-lined Trench

- Accept what is in the LOSS foundation document (page 28) but increase the minimum number of doses/day to 18

| <i>Committee Vote</i> | | |
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| <i>GRN</i> | <i>YEL</i> | <i>RED</i> |
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Recirculating Gravel Filter

- Accept what is in the LOSS foundation document (page 29) with following changes:
 - For all applications, the recirculating-mixing tank shall be at least 100% of the daily peak flow
 - Minimum of 30 ft. horizontal setback if filter is downgradient from interceptor/curtain drains/foundation drains, drainage ditches, or stormwater infiltration ponds/swales.

| <i>Committee Vote</i> | | |
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| <i>GRN</i> | <i>YEL</i> | <i>RED</i> |
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