

100-J General Permit Information Session

Water Quality Permitting and Program Development

May 2023

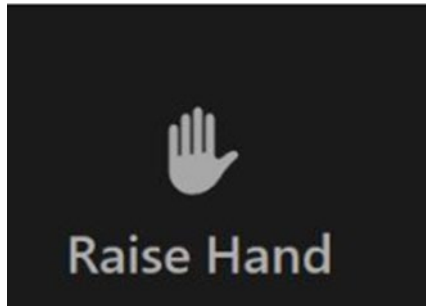
Today's agenda

- Welcome and introduction
- 100-J NPDES general permit renewal
- Draft conditions
 - Monitoring, plans and reporting
 - Cooling water intake structure
 - Spawning habitat
 - Application preparation
- [Previous information sessions](https://www.oregon.gov/deq/wq/wqpermits/Pages/100jinformation.aspx)
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Participation options| not recorded

Computer

- Raise hand icon
- Host will call on you



- Chat box

Phone connection

- *9 to raise/lower hand
Host will call on you
- *6 to mute/unmute

100-J NPDES general permit renewal

- Non-contact cooling water, defrost water, heat pump transfer water and cooling tower blowdown from industrial and commercial facilities
- Cooling water and sump pump discharges from hydroelectric facilities

Monitoring and reporting

- Monitoring
 - Meter the discharge flow
 - Grab sampling for pollutants
 - Calculation results
 - Visual monitoring for oily sheen
- Discharge monitoring report
- Spill reporting

Plans

- Quality assurance quality control
 - Methods in 40 CFR Part 136
- Land Application
 - Monitoring
 - Annual report
- Spill/emergency response
- Oil and grease management

Spawning area habitat documentation

- Spawning is a designated use
- Spawning temperature limit
- Or no known spawning habitat within the mixing zone
 - Qualified fisheries biologist
 - Edge of the mixing zone
 - Table in the permit
 - Simple, Level I mixing zone study

Cooling water intake structure documentation

- Hydroelectric facility
 - July 2022 EPA guidance
 - FERC license and/or biological opinion
- Industrial facility
 - Oregon Department of Fish and Wildlife
 - Inspection letter
 - Supplier, if applicable

Application preparation

- Application
 - Three years for existing operations
 - 180 days prior to discharge for new sources
- EPA Form 1, EPA Form 2e and Land use compatibility statement
- Supplemental information
 - Verify outfall location
 - Receiving water low flow (7Q10)
 - Cooling water intake structure
 - Spawning habitat
 - Land application plan

Next steps

- Public Notice
 - Mid-May and June
 - Virtual public hearing
- Consider comments
- Issue permit
 - September

Questions

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Information sessions posted here

<https://www.oregon.gov/deq/wq/wqpermits/Pages/100jinformation.aspx>

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