

# 2023 DEQ HABs Activities: Program Review and Going Forward

2024 HABs Partners and Collaborators Meeting  
March 08, 2024

Karen Williams, presenting for Nathan Reetz, HABs Coordinator | Oregon Department of Environmental Quality

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## Presentation Outline

- 2023 review
  - Staffing
  - Drinking water monitoring results
  - Recreational response monitoring
  - Pilot recreational monitoring network
- Looking ahead – 2024 season



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## 2023 Cyanotoxin work summary

Project	2022 Sampling Events	2023 Sampling Events
Drinking Water Cyanotoxin Monitoring	747	764
Drinking Water Cyanotoxin Monitoring Follow-up	1	1
Recreational Response	17	46
Recreational Monitoring – Pilot Network	0	35
National Lakes Assessment - HABs	49	0
<b>Total</b>	<b>814</b>	<b>846</b>



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## DEQ Laboratory Staff Resources

- HABs Coordinator – Nathan Reetz
- Monitoring specialist
- Two chemists
- Seasonal monitoring specialist (2024)



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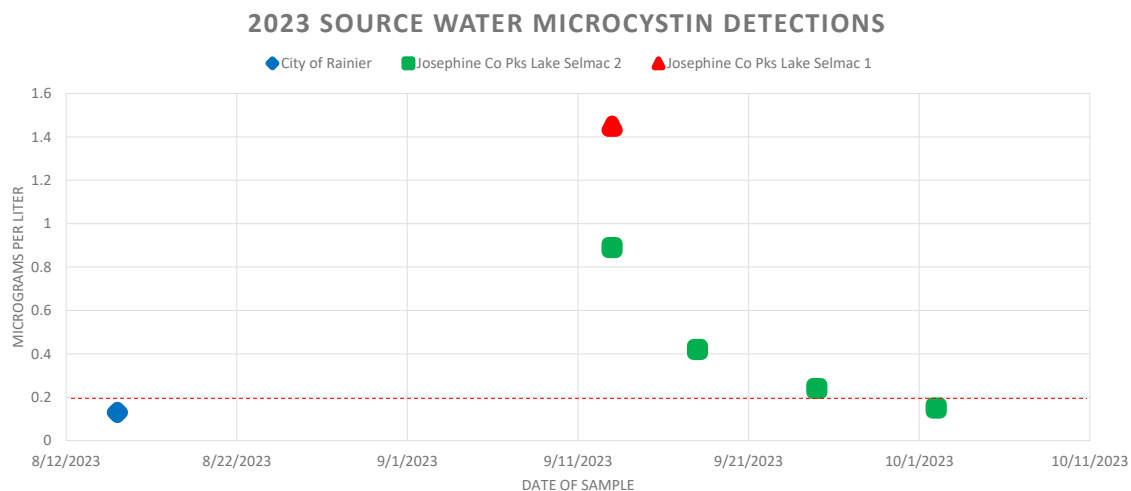
## 2023 Drinking Water Cyanotoxin Results Summary

- 60 facilities
- Added 4 facilities based on recreational advisory
- 58 facilities → no detectable cyanotoxins in source water
- 3 facilities → 6 microcystin detections
- 2 facilities → 4 microcystin detections >0.2 ug/L  
Josephine Co Park- Lake Selmac 1 and 2



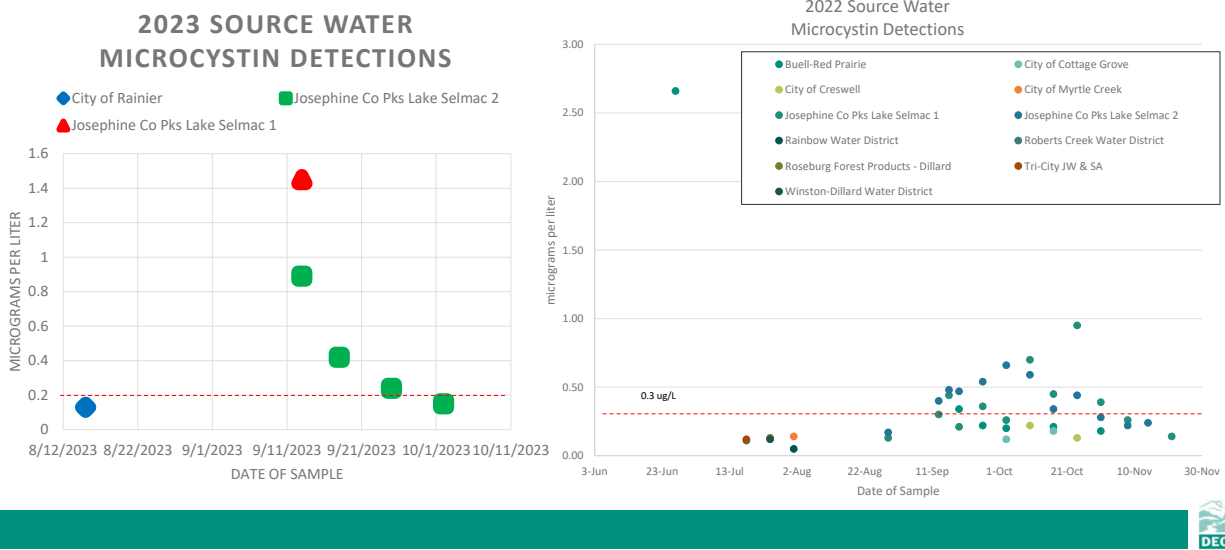
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## 2023 – Drinking Water Monitoring Detections



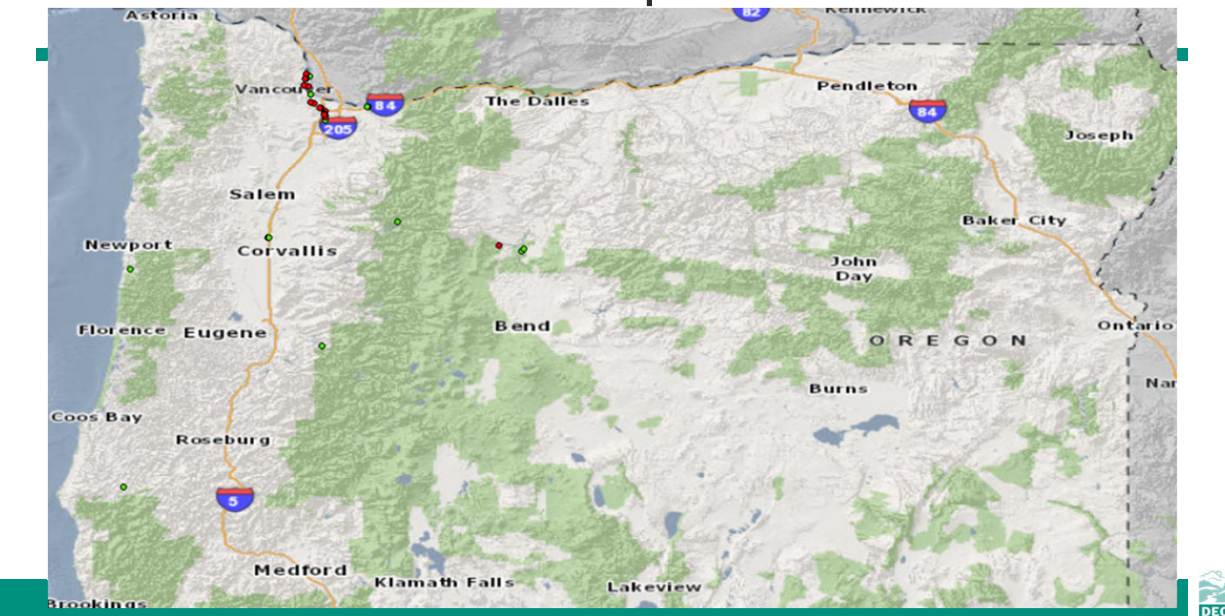
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## 2022 vs. 2023 Drinking Water Microcystin Detections



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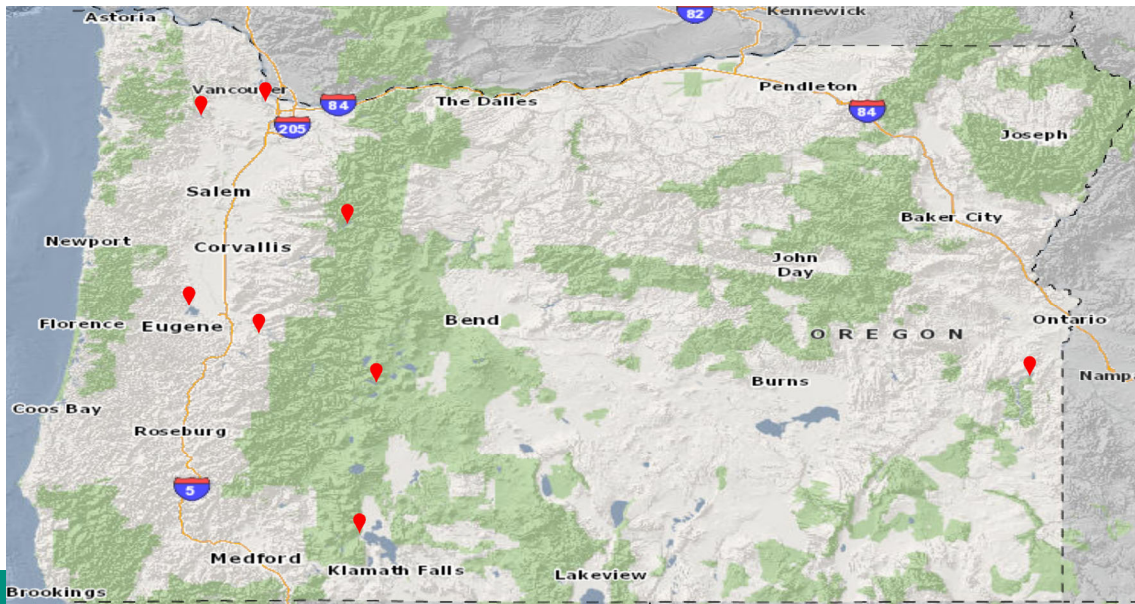
## 2023 Recreational Response



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## 2023 Recreational HABs Monitoring Pilot Project



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## 2024 – Future outlook

- Drinking water monitoring
  - no changes planned
- Upper Deschutes Total Maximum Daily Load project
  - 4 Cascade lakes
  - Monitoring begins next month
- Recreational response/complaints
  - Continued reliance on regional staff and local partners
- Recreational Monitoring Network
  - 40 waterbodies across 6 regions.
  - Weekly from mid-May to November
  - Toxin results sent to OHA



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## Questions?

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