

# Water Quality Assessment Integrated Reporting: 2012 EPA Additions Water Quality Assessment Program

April 16, 2019  
DEQ Headquarters

# Overview

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- Highlights
- Accessing list

# Status of 2012 Integrated Report

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- EPA added 999 waters to 303(d) list
  - 282 *new* listings
  - 714 Temperature listings due to litigation
  - Disapproved 3 DO delistings
- EPA finalized list in December 2018

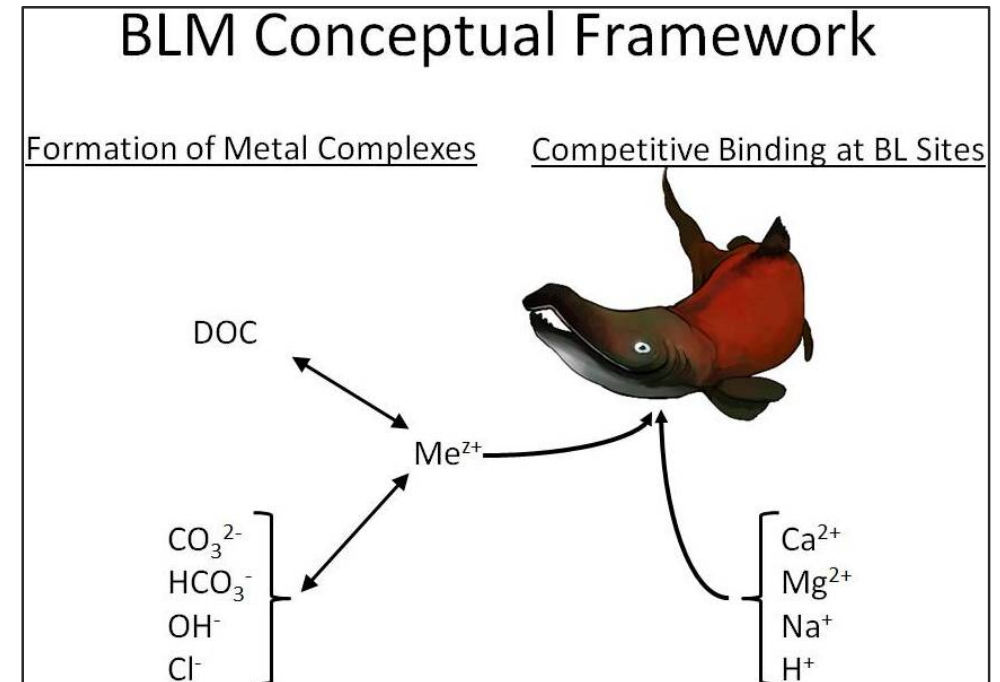
# Highlights - *Conventionals*

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- 40 Dissolved Oxygen listings
  - 30 Spawning/10 Year-Round criteria
  - Approved 5 of 8 DO delistings
- 33 pH listings
- 10 ***new*** Temperature listings
- 19 new *E. Coli* listings

# Highlights - *Metals*

- No *new* Copper listings due to implementation of the BLM (biotic ligand model)
- DEQ listings from 2012 remain
- 11 new Iron listings
- 7 new Lead listings



# Highlights – *Total Phosphorus*

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- 22 Total Phosphorus listings
- Based on EPA's 1987 *Gold Book* value of 0.100 mg/L
- Where additional listings also occurred (e.g. DO, pH, Chlorophyll)
- Greater than 10% exceedance frequency

# Highlights – *Biocriteria*

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- Added 23 waterbodies for Biocriteria
  - Primarily north, south and mid-coast

# Highlights - *Arsenic*

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- 14 new listings
- 12 Tissue-Arsenic listings
  - Based on soft-shell clams



# Highlights – *Ocean Acidification*

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- EPA determined it was reasonable for Oregon to **not** list at this time
  - Data outside Oregon's state waters
- EPA is anticipating lawsuits over this decision

# Oregon's 2012 Integrated Report

- Water Quality Home
- Water Quality Index
- Is It Safe To Swim On The Willamette River In Portland?
- Willamette River Report Card
- Harmful Algal Blooms
- Harmful Algal Blooms: Drinking Water Cyanotoxin Monitoring
- Water Quality Assessment
  - Water Quality Assessment
  - Integrated Report Improvements
  - Oregon's 2018 Integrated Report
  - Oregon's 2012 Integrated Report**
  - Past Integrated Reports
- Assessing Oregon's Basins
  - Watershed Approach Framework
  - Total Maximum Daily Loads
- Water Quality Monitoring
- Water Quality Standards
- Water Quality Programs
- Water Quality Permits

In December 2018, the U.S. Environmental Protection Agency approved Oregon's 2012 Clean Water Act Section 303(d) list of impaired waterbodies that need pollution reduction plans, called Total Maximum Daily Loads or TMDLs. DEQ uses the 303(d) list to determine requirements for water quality permits and total maximum daily loads.

## 2012 Integrated Report Assessment Database and 303(d) List



EPA added 285 water bodies to the list, removed 56 water bodies from the list, and reclassified 714 stream segments affected by ongoing litigation over temperature water quality standards.

Find documents detailing EPA's review, changes, and final approval of Oregon's 2012 303(d) list at [EPA's Impaired Waters and TMDL webpage](#).

- [EPA's approval letter](#)
- [Water bodies added to the list by EPA](#)
- [Water bodies removed from the list by EPA](#)
- [Stream segments returned to category 5 for temperature](#)

## Background

In November 2014, DEQ submitted a draft 2012 Integrated Report and 303(d) List of water quality limited waters in the Umatilla and Willamette basins. In December 2016, EPA approved most of the submitted 303(d) listings and delistings and proposed additional water bodies for Oregon's 303(d) list.

- [EPA Action on Oregon 2012 303\(d\) List](#)
- [EPA Partial Approval/Partial Disapproval of Oregon's Final 2012 303\(d\) List](#)
- [DEQ Comments on EPA's Proposed 303\(d\) Additions](#) (As submitted to EPA March 2017)

## 2012 Integrated Report submittal

Oregon's 2012 Integrated Report Assessment Database and 303(d) List is a searchable database report with data for each water body, pollutant and location that DEQ has assessed, and the conclusion about water quality in each water body.

- [Summary of Oregon's 2012 Integrated Report](#), (November 2012)  
Summary of new 303(d) listings, delistings, and other significant changes
- [Methodology for Oregon's 2012 Water Quality Report and List of Water Quality Limited Waters](#), (October 2014)

DEQ can provide documents in an alternate format or in a language other than English upon request. Call DEQ at 800-452-4011 or email [deqinfo@deq.state.or.us](mailto:deqinfo@deq.state.or.us).

