

Current Status of the Texas Integrated Report for Clean Water Act Sections 305(b) and 303(d)

Water Quality Planning Division
Monitoring & Assessment Section
Surface Water Quality Monitoring Program (SWQM)

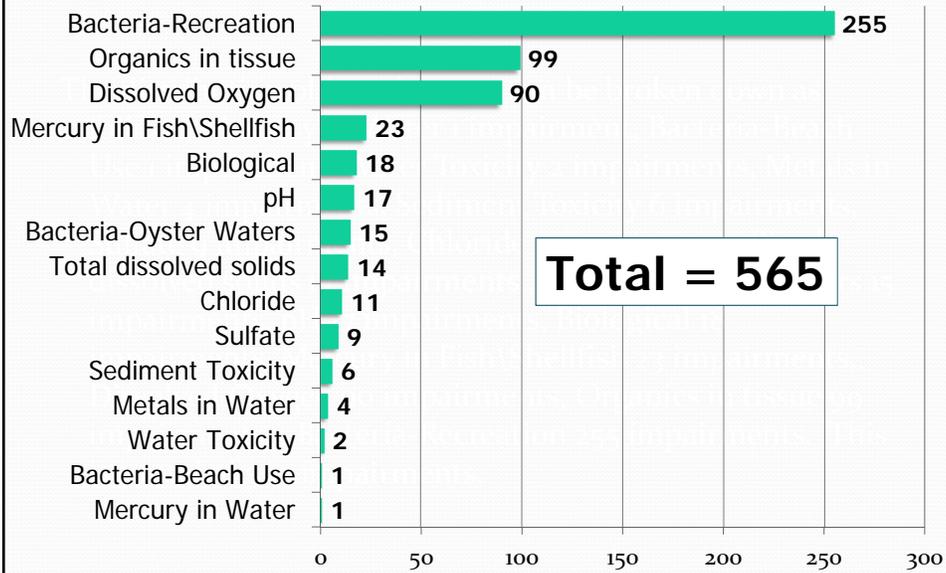
Background

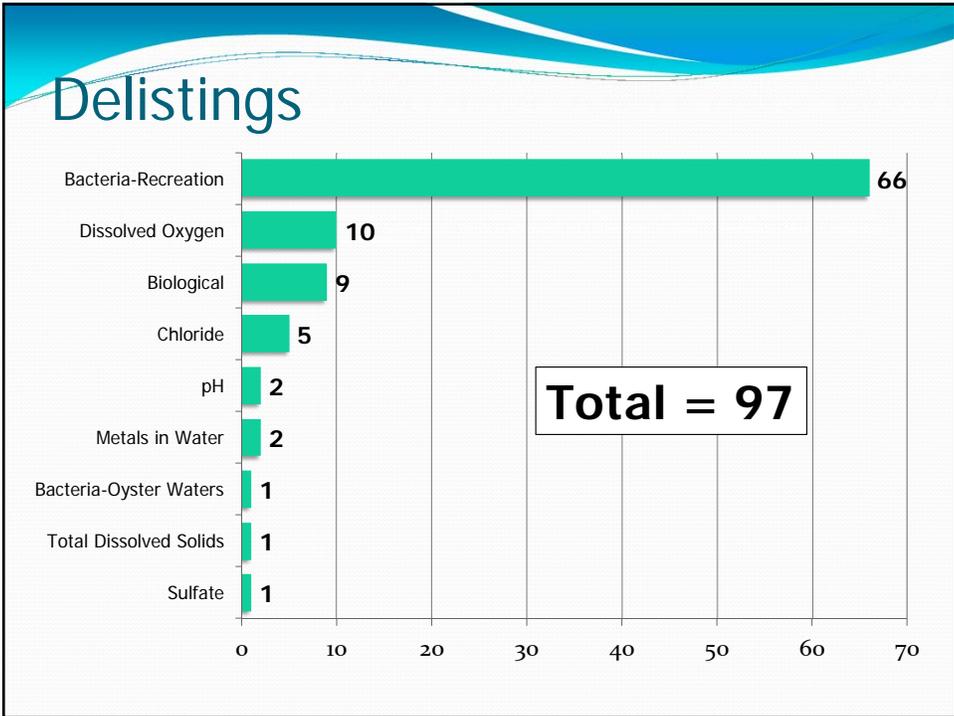
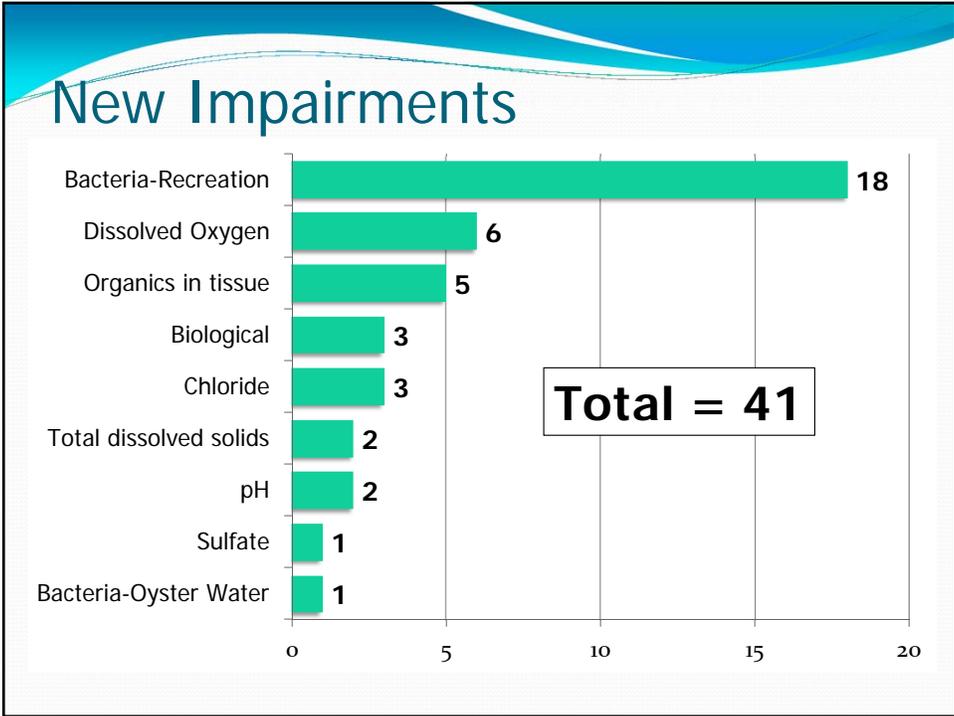
- Statewide assessment of the status of state waters
 - Compares water quality data to approved water quality standards
 - Identifies impaired waters (303(d) List)
- Requirements
 - Federal Clean Water Act, Sections 305(b) and 303(d)
 - Title 30 of the Texas Administrative Code (30 TAC)
- Conducted every two years
 - Draft due to EPA on April 1 of even numbered years

2012 Integrated Report

- Approved by TCEQ on February 13, 2013
- Submitted to EPA on February 21, 2013
- Approved by EPA on May 9, 2013
- For additional information
<http://www.tceq.texas.gov/waterquality/assessment/12twqi/twqi12>

Impairments





Impairment Changes 2010-2012

Parameter	2010 Impairments	2012 Impairments	Change
Bacteria in water	303	255	-48
Biological	24	18	-6
Dissolved oxygen	94	90	-4
Metals in water	6	4	-2
Chloride	13	11	-2
Bacteria in shellfish	15	15	0
Beaches	1(2 beaches)	1(2 beaches)	0
Toxicity in ambient water	2	2	0
Toxicity in ambient sediment	6	6	0
Organics in water	0	0	0
Metals in fish/shellfish	0	0	0
Mercury in water	1	1	0
Mercury in fish/shellfish	23	23	0
Sulfate	9	9	0
Temperature	0	0	0
pH	17	17	0
Nutrients	0	0	0
Total dissolved solids	13	14	+1
Organics in fish/shellfish	94	99	+5

2012 Integrated Report Documents

- Executive Summary
- Guidance for Assessing and Reporting Surface Water Quality in Texas
- 303(d) List (Category 5)
- Delistings
- New Listings
- Schedule to Develop TMDLs for Category 5a Water Bodies
- Water Quality Concerns
- Sources of Pollution for Impairments and Concerns
- Public Comment and Response
- Cost/Benefit Assessment
- Trophic Assessment of Texas Reservoirs

Integrated Report Documents (cont)

- Electronic data files summarizing the assessment results for EPA's Assessment Database
- Index of Water Quality Impairments
- Water Bodies Evaluated
- Five-part categorization of waters
- Water Body Assessments by River Basin
- Changes to the Draft Following Public Comments
- Water Pollution Control Program
- Monitoring Program
- Statistically-Based Monitoring in Texas
- Water Quality Inventory Summary of Uses
- Texas Groundwater Assessment

2014 Integrated Report

- Draft due on April 1, 2014
- Timeline Considerations
 - Data
 - Spatial
 - Water quality
 - Advisory Workgroup
 - Data providers coordination
 - Public comment

2014 Revised Procedures

- Drought Considerations
- Implementing new and revised water quality standards
- Oyster Waters Assessments
- Probabilistic Survey Results

2014 Additional Considerations

- Including new water bodies
- Assigning categories
 - Includes recommendations from Watershed Action Planning Process

2013-2014 Milestones

- Propose changes to draft guidance
- Prepare tools (GIS, assessment, databases)
- Conduct assessment
- Data providers coordination
 - Review draft results
 - Provide comment on results
- 30-day public comment\response
- TCEQ Commissioner's Agenda
- Send draft to EPA

2014 Goals

- On-time submittal of draft to EPA
- Maintain coordination on recommended strategies through Watershed Action Planning Process (WAP)
- Implementation of new and revised WQS

Additional Information

- 2012 Integrated Report
 - <http://www.tceq.texas.gov/waterquality/assessment/12twqi/twqi12>
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