Ocean Acidification and Hypoxia

Assessment Framework subgroup meetings

DEQ State of Oregon Department of

Environmental Quality

List of subgroup members

Technical Workgroup Members:

Cheryl Brown (U.S. Environmental Protection Agency, Office of Research and Development), Martha Sutula (Southern California Coastal Water Research Project, SCCWRP), Richard Feely (National Oceanic and Atmospheric Administration), Jan Newton (University of Washington/Northwest Association of Networked Ocean Observing Systems), Jack Barth (Oregon State University), Christina Frieder (SCCWRP)

Agency Representation:

Jill Fullagar (EPA, Region 10)

DEQ Standards and Assessment Program Staff:

Connie Dou, Lesley Merrick, Kaley Major

Subgroup Facilitators:

Kaegan Scully-Engelmeyer (DEQ), Steve Weisberg (SCCWRP)

Subgroup Scope:

- Develop a draft ocean acidification assessment procedure framework and a set of technical questions to bring to the full workgroup
- Determine how marine dissolved oxygen fits into OAH assessment process

Meetings:

Subgroup Meeting #1: March 31, 2022

Subgroup Meeting #2: April 22, 2022

Subgroup Meeting #3: May 27, 2022

Subgroup Meeting #4: July 1, 2022

WQ Assessments

700 NE Multnomah St., Suite 600

Portland, OR 97232 Phone: 503-229-5696

800-452-4011 Fax: 503-703-9754

Contact:

<u>Kaegan Scully-Engelmeyer</u> 503-575-5224

www.oregon.gov/DEQ

DEQ is a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water.

Subgroup Meeting #1 Mar. 31, 2022, 3 p.m. – 5 p.m. PT

In attendance: Richard Feely, Steve Weisberg, Jan Newton, Jack Barth, Cheryl Brown, Martha Sutula, Connie Dou, Lesley Merrick, Jill Fullagar, Kaegan Scully-Engelmeyer, Kaley Major (DEQ), Christina Frieder, Karen McLaughlin (SCCWRP)

Meeting outcomes:

- Outline subgroup process and timeline
- Present and discuss draft ocean acidification (OA) assessment procedure questions
- Discuss how and when dissolved oxygen (DO) fits into this process

Agenda:

Time	Topic
3:00 p.m.	Welcome and overview of subgroup process (DEQ)
3:15 p.m.	Presentation - Draft strawman OA proposal questions (SCCWRP)
3:45 p.m.	Discussion (SCCWRP):
	- Refine list of questions
	- Outline next steps in strawman development
4:40 p.m.	Outline subgroup timeline – Discuss how DO/hypoxia fits into this process (DEQ)

Subgroup Meeting #2 April 22, 2022, 9:30 a.m. – 11:30 a.m. PT

In attendance: Richard Feely, Steve Weisberg, Jan Newton, Cheryl Brown, Martha Sutula, Connie Dou, Lesley Merrick, Jill Fullagar, Kaegan Scully-Engelmeyer, Kaley Major, Christina Frieder, Karen McLaughlin (SCCWRP)

Meeting outcomes:

- Outline "roadmap" for assessment introduce concept for future meetings
- Present and discuss draft ocean acidification (OA) assessment procedure strawman answers

Time	Topic
9:30 a.m.	Welcome and update of subgroup process and timeline (DEQ)
9:40 a.m.	Presentation - Strawman OA proposal questions and draft answers (SCCWRP)
10:10 a.m.	Discussion (SCCWRP):
	- Draft answers to strawman OA questions
11:10 a.m.	Subgroup timeline – Discuss future meeting tasks (DEQ)

Subgroup Meeting #3 May 27, 2022, 10:00 a.m. – 12:00 p.m. PT

In attendance: Richard Feely, Steve Weisberg, Cheryl Brown, Martha Sutula, Connie Dou, Lesley Merrick, Jill Fullagar, Kaegan Scully-Engelmeyer, Christina Frieder, Kaley Major

Meeting goals and outcomes:

Goals:

- Finalize strawman questions
- Draft answers related to marine Dissolved Oxygen

Main discussion themes related to DO:

- Data types: chemical & biological data
- Preferred chemical metric
- Approach to chemical threshold development
- Assessment/listing details

Agenda:

Time	Topic
10:00 a.m.	Welcome and update of subgroup process and timeline (DEQ)
10:10 a.m.	Presentation & Discussion – Strawman marine DO proposal questions and draft answers (SCCWRP)
11:45 a.m.	Subgroup timeline – Discuss future meeting tasks (DEQ)
12:00 p.m.	Adjourn

Subgroup Meeting #4 July 1, 2022, 10:00 a.m. – 12:00 p.m. PT

In attendance: Richard Feely, Steve Weisberg, Cheryl Brown, Jack Barth, Connie Dou, Lesley Merrick, Jill Fullagar, Kaegan Scully-Engelmeyer, Christina Frieder, Kaley Major, Debra Sturdevant (DEQ)

Meeting outcomes:

- Continue discussion on marine DO reference condition for chemical data
- Get feedback on workgroup format and timeline updates

Agenda:

Time	Topic
10:00 a.m.	Welcome and agenda overview (DEQ)
10:10 a.m.	Presentation & Discussion (SCCWRP/DEQ)
	- Marine DO reference conditions

11:00 a.m.	Discussion and feedback – Next steps in workgroup process (DEQ/SCCWRP) - Draft intro/overview presentation for next full meeting - Full workgroup meeting format - Workgroup timeline update
12:00 p.m.	Adjourn

Alternative formats

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.oregon.gov.