

Great Salt Lake Selenium Science Panel Meeting

LOCATION: DEQ Bldg. #2 Room 201, 168 North 1950 West)

DATE: March 21, 22, & 23, 2007

[All times are flexible depending on discussion]

Wednesday, March 21, 2007

Objective: Update on projects and resolution of project issues

- 8:30 am **Review Agenda/Review Meeting Summary from February 22, 2007**
Dr. William (Bill) Moellmer (DWQ)
- 8:45 am **Project 1A - Review of Dr. John Cavitt's Final Report**
(Note Dr. Cavitt will not be in attendance, please bring or send in advance any comments you might have on his report)
1. Discussion
- 9:00 am **Project 1B - Dr. Mike Conover (USU)**
Update on Overwintering Birds Study
1. Final comments/discussion on final report for California Gulls
- 9:30 am **Break**
- 9:45 am **Bird Blood Discussion.**
1. Update on Se and Hg analysis of grebes/ducks.
2. Identify nesting species for follow up blood/liver (food?) sampling this spring.
3. Discuss how we move from here.
a. If we confirm high Se, can we let the PIs finalize reports and move on with our diet/egg focus?
b. If we confirm high Se and Hg, what then?
c. If high Se and low Hg, what then?
d. If we show low Se, what then?
- 11:25 am **Science Panel Recommendation for Release of Data for Publication**
- 11:30 am **Project 2B - Synoptic Survey - Brad Marden (WSU)**
Discuss results, proposal for spring sampling
- 12:00 pm **Project 5 - Brine Shrimp Kinetics Study - Dr. Martin Grosell (UofMiami)**
Project status

- 12:15 pm **Lunch Break**
- 1:00 pm **Project 2A - Benthic Zone - Dr. Wayne Wurtsbaugh (USU)**
Discuss results
- 1:30pm **Project 3 - Selenium Loads - Dr. Dave Naftz (USGS)**
Discuss results
- 2:00 pm **Project 4 - Selenium Flux - Dr. Bill Johnson (UofU)**
Discuss results, plans for hood experiment
- 2:30 pm **Break**
- 2:45 pm **Deep Brine Sample Discussion**
1. Discuss findings from Frontier/Dan Moore regarding MS/MSDs (memo dated March 20, 2007)
 2. Identify a) direction to proceed in handling existing data and b) future studies to resolve
- 4:30 pm **Open Discussion**
- 5:00 pm **Adjourn**

Thursday, March 22, 2007

Objectives: Further develop plan for integrating/evaluating datasets to determine standard

- 8:00 am **Welcome/Review Agenda - Dr. William (Bill) Moellmer (DWQ)**
- 8:15 am **Discuss Threshold Values Memorandum**
1. Further discussion of threshold values for diet and eggs (values developed by Bill Adams)
 2. Degree of protectiveness (UDWQ/EPA)
- 9:15 am **Break**
- 9:30 am **Discuss Approach for Data Integration into Simplified Conceptual Model**
1. Handout - approved scope & proposed schedule
 2. Handout - simplified conceptual model
- 12:00 pm **Lunch Break**
- 1:00 pm **Further Discussion of Conceptual Model**
- 2:00 pm **Discuss how to integrate Grosell's study into the overall model**
(We do not expect a draft report until August 2007)
- 2:30 pm **Break**

- 2:45 pm **Discuss potential issues to resolve, prioritization**
- 3:45 pm **Discuss project schedule and identify future meeting dates**
- 4:30 pm **Wrap-up Discussion**
- 5:00 pm **Adjourn**

Friday, March 23, 2007

Objectives: Joint Meeting with Steering Committee

- 8:30 am **See separate agenda from Division of Water Quality**

- 11:30 pm **Lunch**
(Lunch provided for Science Panel, Steering Committee, Project Team)

- 1:00 pm **Adjourn**