



## MEETING SUMMARY

**Tuesday, November 27, 2012; 9:00 am – noon**

**At DWR: 3500 Industrial Blvd., West Sacramento, CA 95691**

**Facilitator:** Stephen McCord, MEI

### Attendees

<b>Name</b>	<b>Affiliation</b>
Diane Beaulaurier	CV RWQCB
Julianne Clark	DWR
Matt Gause	Westervelt Ecological Services
Sally Liu	The Nature Conservancy
Tom Maurer	US Fish and Wildlife Service
Stephen McCord	McCord Environmental
Michael Mosley	US Bureau of Reclamation
John Herrick	South Delta Water Agency
Carol DiGiorgio	DWR
Petra Lee	DWR
Jacob Fleck	USGS
Beatrix Treiterer	USFWS
Bruce Houdesheldt	NCWA / SVWQC
Brian Currier	CSUS / OWP
Kevin Petrik	Ducks Unlim.
Anitra Pawley	DWR
<b>On-line:</b>	
Tim Stevens	CDFG
Greg Yarris	CVJV-FWS
Lisa Windham-Myers	USGS
Kari Fisher	CFBF
Tim Vendlinski	USEPA
John Brodie	Delta WQ Coalition

## I. Introductions

Recent activities to mention:

- The NPS Workgroup’s planning grant and BLM’s 319(h) implementation grant “concept proposal” applications were invited to submit full proposals, due January 24.
- A steering committee has been formed to develop a regional monitoring program for the Delta. Future monitoring for the Delta MeHg TMDL should be considered there and linked to discharge monitoring, as feasible.

Desired meeting outcomes were to:

- Clean up site & MP tables [done, or noted needed follow-up]
- Comment on Study Design section [done, and Lisamarie will update the text]
- ID contributors to workplan sections [Stephen will email a pdf of the current version for all to review]
- Plan next steps towards April 2013 [done – see action items below]

## II. Control Study Sites

Several tables of information have been generated and continue to be works in progress. The meeting focused on these:

- Control Study Sites – addressed ?’s
- Management Practices coverage – want red text in green cells for each column (1st) and row (2nd)
- Discharger coverage – address ?’s; want bolded sites in each row

Minor edits based on participants’ comments were made “on the fly” or immediately following the meeting. Follow-up actions are included in the table below.

Participants will need to review the tables to evaluate holistically if it seems “enough is being done” and “the suite of studies will get us the answers we need at the end of Phase 1”.

Control studies that will likely be attached or otherwise associated with the NPS Workgroup’s control study workplan include:

- Irrigated Lands Regulatory Program characterization study by the Delta Water Quality Coalition
- Cosumnes River Preserve “Mercury on a Landscape Scale” study by BLM, USGS, and others
- Tidal Wetlands MeHg Study by DWR and DFG
- LICD studies on Twitchell Island by DWR, USGS, Tetra Tech, and others

## III. Study Design and Data Collection Plan

The NPS Workgroup’s workplan is primarily guidance for site-specific study proponents. The study design will constitute section 6. Three types of studies will be described in the workplan:

- Data compilation and re-analysis (Meta-analysis or “post-processing”) – the NPS Workgroup’s 319h grant application includes a component to do this
- Characterization studies of MeHg flux (Import/export) – Actually two components to this: (1) loads on/off in water, and (2) on-site exposure to biota.
- Experimental test of management practices to reduce MeHg export – the big scientific enchilada with hypothesis testing replicates and controls, and effects monitoring

## IV. Control Study Workplan

The workplan outline is (slightly modified from the guidance) as follows:

- Problem Statement
- Objectives

- Mechanisms Underlying the Study
- Proposed Sites & Management Practices
- Study Design & Data Collection Plan (including Quality Assurance Procedures)
- Implementation Plan (including Project Evaluation & Data Sharing Plan)

All NPS Workgroup participants are invited to review and contribute text to the workplan. The next draft will be reviewed by trying to apply the guidance in site-specific workplans.

## V. Wrap-Up

Schedule site visits?

- Twitchell Island – contact Phil Bachand if interested
- Yolo Bypass – contact Wes Heim if interested
- Cosumnes – nothing scheduled, but Josh may give a presentation in the 1/31/13 meeting

Next steps:

- 319(h) grant application: Jan. 24
- NPS WG in-person mtg.: Thursday, January 31, 9am-noon, at DWR in West Sacramento.
- DTMC meeting: Feb. 26
- NPS Workgroup's Workplan final draft: late February 2013
- Indiv. workplans: April 22, 2013
- NPS WG Steering Committee on-line mtg.: early January

### Action Items:

Dates			Responsibility		Action Item	Notes
Assigned	Due	Done	Lead	Support		
11/27/12	1/25/13		Diane B	Janis C	gather 401 certification info for Delta wetland projects	may add info to our sites and coverage tables
11/27/12	1/25/13		Diane B		add to funding opportunities table	address notes in appendix table of funding opportunities, EM 11/30/12
11/27/12	12/28/12		Diane B		review & comment on NPS Workgroup's 319h application	
11/27/12	1/25/13		Stephen M		look into ERP funding options for additional studies	contact Carol Atkins
11/27/12	12/28/12		Tim S	Stephen M	review table of wetland & irrig. Ag. Beneficial uses	EM to Tim 11/28/12
11/27/12	12/28/12		Petra L		Update CS_Sites table for Lower Yolo Bypass projects	EM to Petra 12/3/12
11/27/12	12/28/12		Petra L		Qualify entries in CS_Sites table for MWT and Dutch Slough projects	EM to Petra 12/3/12
11/27/12	12/28/12		Jacob F	Lisa W, Josh A	check info for Cosumnes studies in study site tables	especially site IP-5; EM to Tim 11/28/12
11/27/12	12/28/12		Kevin P		link DU to study sites in 'Discharger_Coverage'	EM to Kevin 11/28/12
11/27/12	1/14/12		Kevin P		update study sites map	wait for final CS_Sites table
11/27/12	12/31/13		Bruce H, John H	Stephen M	Suggest to Delta RMP Steering Committee to address receiving water monitoring needs of the Delta MeHg TMDL and link with discharger monitoring	
11/27/12	1/31/13		Josh	Lisa W	present Cosumnes studies in NPS WG meeting	only ready to share on proposal
11/27/12	12/14/12		ALL		Review working draft of workplan, comment to Stephen M	