To: Enos, Cassandra@DWR[Cassandra.Enos@water.ca.gov]
Cc: Centerwall, Steve[Steve.Centerwall@icfi.com]; Banonis, Michelle[mbanonis@usbr.gov]; Skophammer, Stephanie[skophammer.stephanie@epa.gov]
From: Foresman, Erin
Sent: Mon 8/17/2015 10:55:21 PM
Subject: RE: Canceled Event: NEPA/CEQA BDCP Technical Team Meeting @ Fri Aug 14, 2015 9am - 10am (mbanonis@usbr.gov)

Hi Cassandra,

Thanks for checking in with me on this. I appreciate it. Chandra's thoughts/opinions are always welcome. I checked out NOAA's shoreline and sea level rise estimator and the lowest level it evaluates is 12 inches. It looks like the hard shoreline assumption dissolves with 1 foot of SLR, according to that map. I assume the NOAA map is using a model so estimate inundation with SLR which may or may not match assumptions in the SDEIS/DEIS evaluation. I just checked it to get a sense of some of SLR and shoreline changes. SLR at ELT (2025) is 6 inches in the SDEIS so perhaps the hard shoreline assumption is okay for the ELT analysis. It would be great to hear Chandra's thoughts on it.

Erin Foresman

US EPA | Environmental Scientist | SF Bay Delta

C/O NMFS 650 Capitol Mall| Sacramento, CA 95814

916-930-3722|www.epa.gov/sfbaydelta

Schedule: M 7:30a - 4:00p; T - F 7:30a - 2:00p

From: Enos, Cassandra@DWR [mailto:Cassandra.Enos@water.ca.gov]
Sent: Monday, August 17, 2015 1:18 PM
To: Foresman, Erin
Cc: Centerwall, Steve; Banonis, Michelle
Subject: RE: Canceled Event: NEPA/CEQA BDCP Technical Team Meeting @ Fri Aug 14, 2015 9am - 10am (mbanonis@usbr.gov)

Erin – I'm not sure if anyone ever responded to you on this. Steve had the following short explaination. Let me know if you want me to follow-up with Chandra and get more detail.

Thx, C.

We had discussed this with CH years ago. RMA did this portion of the analysis which I believe was just a simplified way to show the effects of SLR. I believe it has to do with forcing the model to not show any levee overtopping. Chandra should be able to explain better.

From: Foresman, Erin [mailto:Foresman.Erin@epa.gov]
Sent: Thursday, August 13, 2015 2:51 PM
To: mbanonis@usbr.gov; Shane Hunt <shunt@usbr.gov>; Simmons, Zachary M SPK <zachary.m.simmons@usace.army.mil>; Tucker, Michael@NOAA <Michael.Tucker@noaa.gov>; Skophammer, Stephanie <SKOPHAMMER.STEPHANIE@EPA.GOV>; Redler, Yvette@noaa.gov <Yvette.Redler@noaa.gov>; Rinek, Lori @fws.gov <lori_rinek@fws.gov>; Rabin, Larry@fws.gov <Larry_Rabin@fws.gov>; Barbara Beggs <barbara_beggs@fws.gov>; Nepstad, Michael G SPK <michael.g.nepstad@usace.army.mil>; Mary Knecht <mknecht@usbr.gov>; teresa.chan@icfi.com; Kristin White <knwhite@usbr.gov>; Bogdan, Kenneth M.@DWR <Kenneth.Bogdan@water.ca.gov>; Ryan.Wulff@noaa.gov; Cathy Marcinkevage <cathy.marcinkevage@noaa.gov>; Shelby Mendez - NOAA Federal <shelby.l.mendez@noaa.gov>; Olson, Theresa @usbr.gov <tolson@usbr.gov>; Michael.s.jewell@usace.army.mil; Yee, Marcus@DWR <Marcus.Yee@water.ca.gov>; Kundargi, Kenneth@Wildlife <Kenneth.Kundargi@wildlife.ca.gov>; Steve Centerwall <steve.centerwall@icfi.com>; Siu, Jennifer <Siu.Jennifer@epa.gov>; Pierre, Jennifer <jennifer.pierre@icfi.com>; Wilcox, Carl@Wildlife <Carl.Wilcox@wildlife.ca.gov>; Nagy, Meegan@usace.army.mil <Meegan.G.Nagy@usace.army.mil>; Hilts, Derek@FWS <Derek_Hilts@fws.gov>; Palmer, Michele@usbr.gov <mpalmer@usbr.gov>; Ann Stine <astine@usbr.gov>; Enos, Cassandra@DWR <Cassandra.Enos@water.ca.gov>; Jason PHILLIPS <jphillips@usbr.gov>
Subject: RE: Canceled Event: NEPA/CEQA BDCP Technical Team Meeting @ Fri Aug 14, 2015 9am - 10am (mbanonis@usbr.gov)

Hi Everyone,

I had one item I wanted to flag as an FYI for the group so I can just do that in email. At a prior meeting I asked if anyone knew whether or not the sea level rise analysis assumed a sea wall (or something like that) around the shoreline. No one seemed to know what this was or answered that there wasn't an assumption like this probably because I used the wrong words to describe it.

I found it in the 3-D model sea level rise analysis (DEIS Appendix 5A Section D, Attachment 3) which includes a 'hardened shoreline' assumption to evaluate sea level rise up to 140 cm. These model results were used to re-calibrate dispersion factors for the 1-D and 2-D models (DSM2 I assume?) that were used in the water quality evaluation. I just wanted to follow up and let you all know I found it in case you get other questions like my clumsily worded one from before.

Erin Foresman

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Schedule: M 7:30a - 4:00p; T - F 7:30a - 2:00p

-----Original Appointment-----
From: Michelle Banonis [mailto:mbanonis@usbr.gov]
Sent: Thursday, August 13, 2015 12:45 PM
To: Shane Hunt; Simmons, Zachary M SPK; Michael Tucker - NOAA Federal; Skophammer, Stephanie; Yvette Redler - NOAA Federal; Lori Rinek; Larry Rabin; Barbara Beggs; Nepstad, Michael G SPK; Mary Knecht; teresa.chan@icfi.com; Kristin White; kenneth.bogdan@water.ca.gov; Ryan Wulff - NOAA Federal; Cathy Marcinkevage; Shelby Mendez - NOAA Federal; Theresa Olson; Jewell, Michael S SPK; marcus.yee@water.ca.gov; kenneth.kundargi@wildlife.ca.gov; Steve Centerwall; Siu, Jennifer; Pierre, Jennifer; Carl Wilcox; Nagy, Meegan G SPK; Derek Hilts; Michele Palmer; Ann Stine; Cassandra Enos-Nobriga; Jason PHILLIPS; Foresman, Erin
Subject: Canceled Event: NEPA/CEQA BDCP Technical Team Meeting @ Fri Aug 14, 2015 9am - 10am (mbanonis@usbr.gov)
When: Friday, August 14, 2015 9:00 AM-10:00 AM America/Los_Angeles.
Where: NMFS, 650 Capitol Mall - San Joaquin Conference Room; Conf Line 1- 866-842-3781 Passcode: 3253886

This event has been canceled and removed from your calendar.

NEPA/CEQA BDCP Technical Team Meeting

When Fri Aug 14, 2015 9am – 10am Pacific Time

Where NMFS, 650 Capitol Mall - San Joaquin Conference Room; Conf Line 1- 866-842-3781 Passcode: 3253886 (map)

Video call https://plus.google.com/hangouts/_/doi.gov/mbanonis

Calendar mbanonis@usbr.gov

Who

- Michelle Banonis - organizer
- Shane Hunt
- Simmons, Zachary M SPK
- Michael Tucker - NOAA Federal
- skophammer.stephanie@epa.gov
- Yvette Redler - NOAA Federal
- Lori Rinek
- Larry Rabin
- Barbara Beggs
- Nepstad, Michael G SPK
- Mary Knecht
- teresa.chan@icfi.com
- Kristin White
- kenneth.bogdan@water.ca.gov
- Ryan Wulff - NOAA Federal
- Cathy Marcinkevage
- Shelby Mendez - NOAA Federal
- Theresa Olson
- Jewell, Michael S SPK
- marcus.yee@water.ca.gov
- kenneth.kundargi@wildlife.ca.gov
- Steve Centerwall
- siu.jennifer@epa.gov
- Pierre, Jennifer
- Carl Wilcox
- Nagy, Meegan G SPK
- Derek Hilts
- Michele Palmer
- Ann Stine
- Cassandra Enos-Nobriga
- Jason PHILLIPS
- Foresman, Erin

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