To: Foresman, Erin[Foresman.Erin@epa.gov]
From: Gerlach, John@Waterboards
Sent: Tue 5/12/2015 3:52:18 PM
Subject: RE: BDCP Water Quality

How about tomorrow, Wed. the 13th? Any time between 11 am and 2pm not including travel time. Could you meet here? Eleanor is available then also.

John

From: Foresman, Erin [mailto:Foresman.Erin@epa.gov]
Sent: Monday, May 11, 2015 6:18 PM
To: Gerlach, John@Waterboards
Subject: RE: BDCP Water Quality

Hi John,

It would be great to chat with you and Diane but tomorrow I'm in SF all day. We could talk by phone. I have open times from 2 to 4:00.

Talking with Eleanor would also be v. helpful because their modeling still shows that one compliance point will not be met in multiple years. Setting up something later in the week would be really helpful.

Erin Foresman

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

From: Gerlach, John@Waterboards [mailto:John.Gerlach@waterboards.ca.gov]
Sent: Monday, May 11, 2015 6:11 PM
To: Foresman, Erin
Subject: RE: BDCP Water Quality

Hi Erin,

Do you have time to meet on Tuesday the 12th? Diane would like to hear your thoughts as we will be submitting comments very soon. Unfortunately, Outlook isn't giving me the correct times for her schedule tomorrow so if you could please let me know when you are available I'll try to get something scheduled that works. Eleanor would be the staff person to have present for WQ questions but she is leading training on using the WEAP model tomorrow and Wednesday and I don't know if I can pull her away from that. Perhaps we could set something up with her for later in the week if that works for you.

Best,

John

From: Foresman, Erin [Foresman.Erin@epa.gov]
Sent: Friday, May 08, 2015 7:25 PM
To: Gerlach, John@Waterboards
Subject: FW: BDCP Water Quality

Hi John,

I was wondering if you have time to meet with me and talk about Alternative 4A water quality impacts. I'd also be interested in chatting with you about aquatic life impacts if we can have enough time. Can you let me know if you or others on your team would be able to meet? I know you all are v. busy with lots of competing priorities but it would be very helpful and it is important coordination for the upcoming release of the Supplemental DEIS/DEIR.

Hope all is going well,

Erin

Erin Foresman

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From: Ben Giudice [mailto:Ben@robertson-bryan.com]
Sent: Thursday, April 23, 2015 9:10 AM
To: Foresman, Erin
Cc: Cassandra.Enos@water.ca.gov
Subject: RE: BDCP Water Quality

Erin,

Please see the attached document that provides additional information on the EC exceedances at Prisoners Point. As mentioned in the intro, we anticipate new modeling that reflects actual Alternative 4A ELT conditions to be available soon, and we will revisit the assessment and plots at that time. Let me know if you have any questions on this.

Thanks.

Ben D. Giudice, Ph.D., P.E.

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ben@robertson-bryan.com

From: Ben Giudice

Sent: Wednesday, April 22, 2015 5:06 PM
To: 'Foresman, Erin'
Cc: Enos, Cassandra@DWR (Cassandra.Enos@water.ca.gov)
Subject: RE: BDCP Water Quality

Erin,

Below I've pasted a table of residence times that was supposed to make it into the documentation and that is referenced in the Microcystis assessments but that was inadvertently left out. It will be added in revisions. Also, if and when residence time considerations are included in the selenium assessment, it is likely that this table (or one very similar that includes all seasons) will be cited. As I mentioned in our call, I will be working with CH2MHill to figure out just how that will be done. For Alt 4A, the Alt 4 column below is what would be referenced. However, note that a substantial contribution to the increased residence time is the restoration areas, which this modeling includes, but which is not as substantial in Alt 4A.

I hope to tomorrow send you time series plots of the EC at Prisoners Point for the years in which there are exceedances, as we discussed.

Let me know if you have any questions on this.

Table Ms-1. Average Residence Time and Change in Water Residence Time of Delta Subregions in the Summer and Fall *Microcystis* Bloom Periods Under the Nine Project Alternatives Relative to Existing Conditions (EC) and the No Action Alternative (NAA).

Subregions	Season	Months	Average Residence Time (days)		Change in Residence Time vs. EC (days)									
			EC	NAA	NAA	Alt 1	Alt 2	Alt 3	Alt 4	Alt 5	Alt 6	Alt 7	Alt 8	Alt 9
North Delta	Summer	Jun-Aug	33	38	6	10	6	9	6	8	11	7	13	7
	Fall	Sep-Nov	49	50	1	12	8	11	8	7	6	9	9	6
Cache Slough	Summer	Jun-Aug	18	21	3	28	21	27	21	21	31	28	41	27
	Fall	Sep-Nov	46	46	0	-2	-6	-3	-6	-7	-7	0	10	-6
West Delta	Summer	Jun-Aug	22	24	2	10	7	8	6	7	18	5	11	6
	Fall	Sep-Nov	25	27	2	9	5	9	5	5	5	7	7	2
East Delta	Summer	Jun-Aug	22	26	4	18	12	13	12	9	54	10	26	-1
	Fall	Sep-Nov	15	35	20	18	32	17	33	33	43	40	40	6
South Delta	Summer	Jun-Aug	8	10	2	9	9	6	8	3	62	15	25	28
	Fall	Sep-Nov	5	11	6	3	37	3	38	29	74	48	47	28
Suisun Marsh	Summer	Jun-Aug	51	58	7	-14	-16	-15	-16	-15	-14	-15	-13	-10
	Fall	Sep-Nov	17	19	2	22	17	22	17	17	15	17	17	21

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ben@robertson-bryan.com

From: Foresman, Erin [mailto:Foresman.Erin@epa.gov]
Sent: Tuesday, April 21, 2015 8:08 AM
To: Ben Giudice
Subject: RE: BDCP Water Quality

Hi Ben,

I'm sorry I couldn't get my questions listed out for you. I'll call you at 9:00 and we can just talk through them.

Erin

Erin Foresman

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From: Ben Giudice [mailto:Ben@robertson-bryan.com]
Sent: Monday, April 20, 2015 1:29 PM
To: Foresman, Erin
Subject: RE: BDCP Water Quality

Hi Erin,

Tomorrow is fine. If you do get a chance to send me the questions, that would help me prepare some and hopefully result in better answers. I will get in around 8:30 tomorrow, so let's plan on 9 tomorrow morning, if that works.

Ben D. Giudice, Ph.D., P.E.

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ben@robertson-bryan.com

From: Foresman, Erin [mailto:Foresman.Erin@epa.gov]
Sent: Monday, April 20, 2015 1:07 PM
To: Ben Giudice
Subject: RE: BDCP Water Quality

Hi Ben,

Thanks for your message and sorry I couldn't circle back to you on Friday. I'm on the train to SF right now and have a day packed full of meetings. Can we chat tomorrow morning? I have a 10-11:30 but am free after that. Would you like to talk before or after? Those are not great times, sorry about that. I can also send you a list of questions tonight as I take the train home to make it easier to chat. Some are really easy reference questions.

Erin Foresman

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From: Ben Giudice [mailto:Ben@robertson-bryan.com]
Sent: Thursday, April 16, 2015 2:02 PM
To: Foresman, Erin
Subject: BDCP Water Quality

Hi Erin,

Cassandra called and asked if I could get in touch with you to discuss your water quality

concerns for BDCP. Do you have time Monday morning 8-10:30 sometime that I could call? If not then, my Tuesday is open until 1 pm.

Thanks.

Ben D. Giudice, Ph.D., P.E.

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