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**From:** Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>  
**Sent:** Tuesday, November 15, 2016 3:55 PM  
**To:** Eric Danner  
**Subject:** Fwd: Draft Reclamation modeling workplan

FYI

Sent from my iPhone

Begin forwarded message:

**From:** Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>  
**Date:** November 15, 2016 at 2:08:50 PM PST  
**To:** Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>  
**Cc:** "[Brycen.Swart@noaa.gov](mailto:Brycen.Swart@noaa.gov)" <[Brycen.Swart@noaa.gov](mailto:Brycen.Swart@noaa.gov)>  
**Subject: Re: Draft Reclamation modeling workplan**

Can you summarize by email the content? My questions are:

Is the objective of the model clearly laid out to support the feb forecast deceiving making? Is it clear what inputs and outputs are? Will it produce uncertainty estimates, and joint probabilities of risk?

Do they meet our needs? What kind of scenarios will we be able to run with it? Is it clear it's on a platform that we can independently run? How does it fit with what Eric is doing?

More detail would be helpful.

Maria

Sent from my iPad

On Nov 15, 2016, at 1:28 PM, Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)> wrote:

Maria,

Brycen and I took a look at the work plan and are OK with it. Have you had a chance to review? Eric Danner should be here (BDSC) so I'm going to try to track him down and see if he had a chance to review, and his thoughts.

-Garwin-

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*Garwin Yip*  
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----- Forwarded message -----

From: **Rieker, Jeffrey** <[jrieker@usbr.gov](mailto:jrieker@usbr.gov)>  
Date: Mon, Nov 14, 2016 at 4:47 PM  
Subject: Re: Draft Reclamation modeling workplan  
To: Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)>  
Cc: Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>, PABLO ARROYAVE <[parroyave@usbr.gov](mailto:parroyave@usbr.gov)>, Ronald E Milligan <[RMilligan@usbr.gov](mailto:RMilligan@usbr.gov)>, Michelle Banonis <[mabanonis@usbr.gov](mailto:mabanonis@usbr.gov)>

Maria, Garwin,

I wanted to check in to see if you've had a chance to review the draft workplan in greater detail since we last talked on Thursday. We're hoping to speak about this with some of our CVP stakeholders this week, so we wanted to see if you had any initial thoughts, reactions, concerns, or wanted to discuss the document/plan in more detail.

Thanks,  
Jeff

Jeffrey Rieker  
Deputy Operations Manager  
Bureau of Reclamation; Central Valley Operations Office  
Office: [916-979-2197](tel:916-979-2197); Mobile: [916-214-7555](tel:916-214-7555)  
[jrieker@usbr.gov](mailto:jrieker@usbr.gov)

On Fri, Nov 4, 2016 at 6:17 PM, Maria Rea - NOAA Federal <[maria.rea@noaa.gov](mailto:maria.rea@noaa.gov)> wrote:

Thank you, Jeff. We will take a look next week.

Sent from my iPhone

> On Nov 4, 2016, at 4:43 PM, Rieker, Jeffrey <[jrieker@usbr.gov](mailto:jrieker@usbr.gov)> wrote:  
>  
> Maria,  
>  
> As has been discussed recently, attached is a draft workplan that  
> Reclamation has been developing on a new/revised framework for modeling

> water temperature for operations on the Sacramento River. As you'll see in  
> the document, the concept is to have a comprehensive plan that uses a  
> phased approach.  
>  
> To date we've been in discussions with the Sacramento River Settlement  
> Contractors on the approach, but we're planning to discuss it with a wider  
> group of CVP contractors on November 17. We're hopeful that we could get  
> any initial feedback you might have by the beginning of that week (November  
> 14). As you and others from NMFS review the document, feel free to let us  
> know if you have questions, would like to discuss, or would like additional  
> information.  
>  
> Thanks,  
> Jeff  
>  
>  
>  
> Jeffrey Rieker  
> Deputy Operations Manager  
> Bureau of Reclamation; Central Valley Operations Office  
> Office: [916-979-2197](tel:916-979-2197); Mobile: [916-214-7555](tel:916-214-7555)  
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> <2016-11-04 DRAFT ReclamationWorkplan.pdf>