From: Hilts, Derek <derek_hilts@fws.gov>
Sent: Monday, March 4, 2019 8:40 AM
To: Cathy Marcinkevage - NOAA Federal
Subject: Re: [EXTERNAL] Historic Exports

Attachments: Banks_&_Tracy_monthly_pumping_1951-Dec2017_DH20190304.xlsx

Hi Cathy,

Here is my working excel file. It is not intended for public consumption, but rather a tool with which to produce charts for public consumption.

Derek

Derek Hilts M.S., P.E. US Fish and Wildlife Service 650 Capitol Mall Room 8-300 Sacramento, California 95814 Work desk phone 916.930.5633

On Mon, Mar 4, 2019 at 8:19 AM Cathy Marcinkevage - NOAA Federal <<u>cathy.marcinkevage@noaa.gov</u>> wrote:

This works, even without the update. Can I get the excel (I'm assuming) file with the data so that we can take off the five year average....and be sure we have a complete record (which for me is striving to have suporting data for all plots we use).

Thanks! Cathy

Cathy Marcinkevage

California Central Valley Office NOAA Fisheries West Coast Region U.S. Department of Commerce

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cathy.marcinkevage@noaa.gov

On Mar 1, 2019, at 4:03 PM, Hilts, Derek < derek hilts@fws.gov> wrote:

Cathy,

I have this chart, but it only goes through Dec 2017. I can update it for 2018 numbers on Monday if you want.

Derek

<image.png>

Derek Hilts M.S., P.E. US Fish and Wildlife Service 650 Capitol Mall Room 8-300 Sacramento, California 95814 Work desk phone 916.930.5633 On Fri, Mar 1, 2019 at 3:25 PM Cathy Marcinkevage - NOAA Federal < cathy.marcinkevage@noaa.gov> wrote:

Derek --

Do you have plots of historical annual total Delta exports from 1960s through present? We could pull from dayflow and re-do, but wanted to see if you already did it for something sometime.

And thanks for the info on dewatering. I sent that on to our Sac River Division lead.

I've been poking our team for specifics for you, but haven't gotten any bites. But I heard Barb had some items for you.

I also see that you are on the two Tuesday Shasta/upper Sac meetings. We are putting together a list of questions to address at that, and I'll remind others that you should see those too.

Phew.

Thanks! Cathy