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**From:** Allison, Anna@Wildlife <Anna.Allison@wildlife.ca.gov>  
**Sent:** Monday, May 14, 2018 1:55 PM  
**To:** Harrison, Katrina; Eakin, Michael@Wildlife  
**Cc:** jahobbs@ucdavis.edu; Jana Affonso; Buttermore, Elissa; Erwin Van Nieuwenhuysse; Yip, Curtis@DWR; Garwin Yip - NOAA Federal; Andrew Schultz; Sheila Greene; Brad Cavallo; Wilkinson, Chris@DWR; Benjamin Nelson; Deanna Sereno; Evan Carson; Daniel Cordova  
**Subject:** RE: [EXTERNAL] RE: Smelt Monitoring  
**Attachments:** TM-42\_SNYLF\_Milk\_Ranch\_Conduit\_Tribs\_Updated\_May2018.pdf

The Report for PG&E's eDNA sampling effort for Sierra Nevada Yellow Legged Frog for their Bucks Creek Hydroelectric Project in Plumas County is attached.

Anna Allison  
Senior Environmental Scientist Supervisor  
State Water Project Permitting Unit  
Water Branch, Ecosystem Conservation Division  
California Department of Fish and Wildlife  
Office: 916-445-3861  
Cell: 916-838-9671

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**From:** Allison, Anna@Wildlife  
**Sent:** Thursday, May 10, 2018 1:07 PM  
**To:** 'Harrison, Katrina' <kharrison@usbr.gov>; Eakin, Michael@Wildlife <Michael.Eakin@wildlife.ca.gov>  
**Cc:** jahobbs@ucdavis.edu; Jana Affonso <jana\_affonso@fws.gov>; Buttermore, Elissa <ebuttermore@usbr.gov>; Erwin Van Nieuwenhuysse <evannieuwenhuysse@usbr.gov>; Yip, Curtis@DWR <Curtis.Yip@water.ca.gov>; Garwin Yip - NOAA Federal <garwin.yip@noaa.gov>; Andrew Schultz <aschultz@usbr.gov>; Sheila Greene <sgreene@westlandswater.org>; Brad Cavallo <bcavallo@fishsciences.net>; Wilkinson, Chris@DWR <Christopher.Wilkinson@water.ca.gov>; Benjamin Nelson <bcnelson@usbr.gov>; Deanna Sereno <dsereno@ccwater.com>; Evan Carson <evan\_carson@fws.gov>; Daniel Cordova <dcordova@usbr.gov>  
**Subject:** RE: [EXTERNAL] RE: Smelt Monitoring

Hi Everyone,

Attached is the Study Plan and Study Results for the eDNA study on the lower Bear River (part of a larger Stream Fish Study)...just skim the documents to find the sections that discuss eDNA. Please note that although sturgeon DNA was not detected during the eDNA sampling events (late February and early March 2017), they were observed in the river in November 2016 and in late January 2017.

I'm trying to locate information on the other eDNA sampling project I mentioned and will send that when I track it down.

Anna

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**From:** Harrison, Katrina <[kharrison@usbr.gov](mailto:kharrison@usbr.gov)>

**Sent:** Thursday, May 10, 2018 11:47 AM

**To:** Eakin, Michael@Wildlife <[Michael.Eakin@wildlife.ca.gov](mailto:Michael.Eakin@wildlife.ca.gov)>

**Cc:** [jahobbs@ucdavis.edu](mailto:jahobbs@ucdavis.edu); Jana Affonso <[jana\\_affonso@fws.gov](mailto:jana_affonso@fws.gov)>; Buttermore, Elissa <[ebuttermore@usbr.gov](mailto:ebuttermore@usbr.gov)>; Erwin Van Nieuwenhuysse <[evannieuwenhuysse@usbr.gov](mailto:evannieuwenhuysse@usbr.gov)>; Yip, Curtis@DWR <[Curtis.Yip@water.ca.gov](mailto:Curtis.Yip@water.ca.gov)>; Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>; Andrew Schultz <[aschultz@usbr.gov](mailto:aschultz@usbr.gov)>; Sheila Greene <[sgreene@westlandswater.org](mailto:sgreene@westlandswater.org)>; Allison, Anna@Wildlife <[Anna.Allison@wildlife.ca.gov](mailto:Anna.Allison@wildlife.ca.gov)>; Brad Cavallo <[bcavallo@fishsciences.net](mailto:bcavallo@fishsciences.net)>; Wilkinson, Chris@DWR <[Christopher.Wilkinson@water.ca.gov](mailto:Christopher.Wilkinson@water.ca.gov)>; Benjamin Nelson <[bcnelson@usbr.gov](mailto:bcnelson@usbr.gov)>; Deanna Sereno <[dsereno@ccwater.com](mailto:dsereno@ccwater.com)>; Evan Carson <[evan\\_carson@fws.gov](mailto:evan_carson@fws.gov)>; Daniel Cordova <[dcordova@usbr.gov](mailto:dcordova@usbr.gov)>

**Subject:** Re: [EXTERNAL] RE: Smelt Monitoring

Hello all -

Attached are two examples of dog training methodologies and species differentiation training from HT Harvey.

Thank you,

Katrina Harrison

On Thu, May 10, 2018 at 11:29 AM, Eakin, Michael@Wildlife <[Michael.Eakin@wildlife.ca.gov](mailto:Michael.Eakin@wildlife.ca.gov)> wrote:

Hi everyone,

Attached is the paper I referenced regarding eDNA applications for round goby in the great lakes.

-Mike

## **Michael Eakin**

Senior Environmental Scientist (Specialist)

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Every Californian should conserve water. Find out how at:



[SaveOurWater.com](http://SaveOurWater.com) · [Drought.CA.gov](http://Drought.CA.gov)

**From:** Harrison, Katrina <[kharrison@usbr.gov](mailto:kharrison@usbr.gov)>

**Sent:** Thursday, May 10, 2018 9:40 AM

**To:** [jahobbs@ucdavis.edu](mailto:jahobbs@ucdavis.edu); Jana Affonso <[jana\\_affonso@fws.gov](mailto:jana_affonso@fws.gov)>; Buttermore, Elissa <[ebuttermore@usbr.gov](mailto:ebuttermore@usbr.gov)>; Erwin Van Nieuwenhuyse <[evannieuwenhuyse@usbr.gov](mailto:evannieuwenhuyse@usbr.gov)>; Yip, Curtis@DWR <[Curtis.Yip@water.ca.gov](mailto:Curtis.Yip@water.ca.gov)>; Garwin Yip - NOAA Federal <[garwin.yip@noaa.gov](mailto:garwin.yip@noaa.gov)>; Andrew Schultz <[aschultz@usbr.gov](mailto:aschultz@usbr.gov)>; Sheila Greene <[sgreene@westlandswater.org](mailto:sgreene@westlandswater.org)>; Allison, Anna@Wildlife <[Anna.Allison@wildlife.ca.gov](mailto:Anna.Allison@wildlife.ca.gov)>; Eakin, Michael@Wildlife <[Michael.Eakin@wildlife.ca.gov](mailto:Michael.Eakin@wildlife.ca.gov)>; Brad Cavallo <[bcavallo@fishsciences.net](mailto:bcavallo@fishsciences.net)>; Wilkinson, Chris@DWR <[Christopher.Wilkinson@water.ca.gov](mailto:Christopher.Wilkinson@water.ca.gov)>; Benjamin Nelson <[bcnelson@usbr.gov](mailto:bcnelson@usbr.gov)>; Deanna Sereno <[dsereno@ccwater.com](mailto:dsereno@ccwater.com)>; Evan Carson <[evan\\_carson@fws.gov](mailto:evan_carson@fws.gov)>; Daniel Cordova <[dcordova@usbr.gov](mailto:dcordova@usbr.gov)>

**Subject:** Smelt Monitoring

Hello all -

Attached is the agenda and handout for our meeting today at 10 am regarding smelt monitoring.

Location: 801 I Street, Suite 140, Sacramento, CA

Call-in: (877) 704-7971; passcode: 8516866

Thank you,

Katrina Harrison

Bay-Delta Office

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