

## Shoemaker, Brianna@DWR

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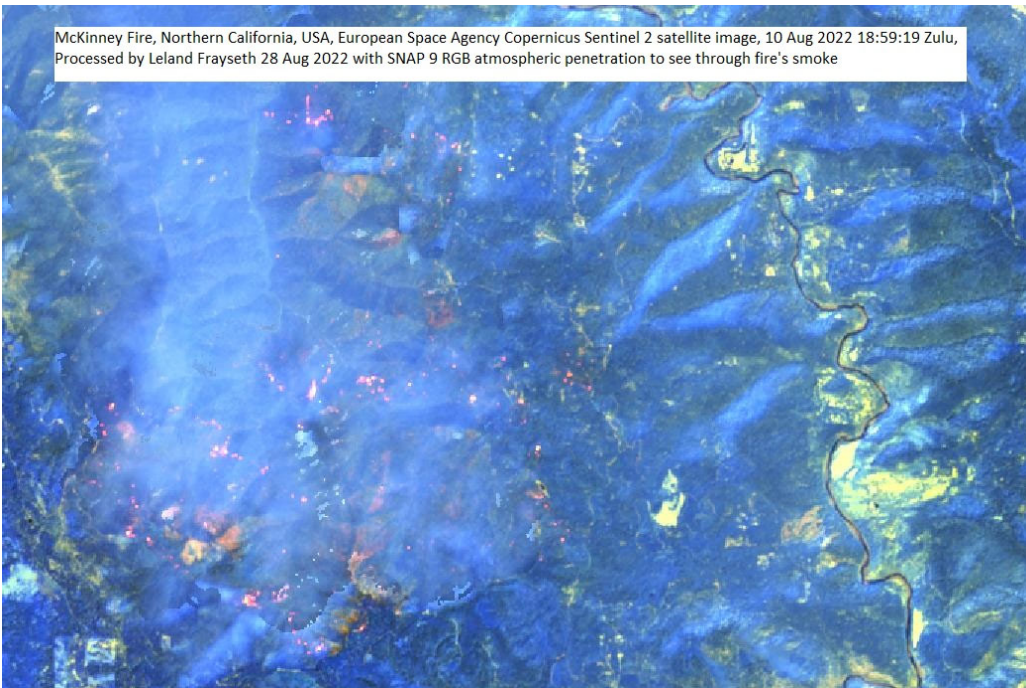
**From:** Leland Frayseth <leland.frayseth@gmail.com>  
**Sent:** Tuesday, August 30, 2022 8:53 PM  
**To:** Arthur, Samantha@CWC; Makler, Alexandre(Alex)@CWC; Curtin, Daniel@CWC; Swanson, Matthew@CWC; Gallagher, Kimberly@CWC; Steiner, Fern@CWC; Solorio, Jose@CWC; California Water Commission; Shoemaker, Brianna@DWR; Young, Amy@DWR; Cambra, Paul@CWC; Yun, Joseph@DWR; John Cunningham; john@goldenstatesalmon.org; Obegi, Doug; Dan Bacher; Scott Anderson; syarbrough@sitesproject.org; aforsythe@sitesproject.org; jbrown@sitesproject.org; Davis-Fadtke, Kristal@Wildlife; Bonham, Chuck@Wildlife; Katja  
**Subject:** Sites Reservoir - Leadership failure and accountability

Subject: Sites Reservoir - Leadership failure and accountability

Dear CWC Commissioners, Sites Reservoir JPA Directors, Staff and the Public,

This is my 49th letter to the California Water Commission (CWC). Please embed this public comment into the 16 Sept 2022 Sites Reservoir Joint Powers Authority (JPA) Board and 21 Sept 2022 CWC meeting agendas under public comment.

I enjoy rowing, swimming and fishing in the Sacramento San Joaquin Delta. Sites Reservoir has failed me due to leadership failure through vacillating project scope. It is time to hold the leaders responsible accountable by asking for their resignations so please consider this my request for Sites JPA Directors resignations. CWC Staff, please return Sites Early Funding invoices to the JPA that were received prior to 18 Mar 2022 as "Non Reimbursable". The Sites JPA's 18 Mar 2022 meeting, agenda item 2.1, is the most recent scope do over.



**S Craig Tucker**  
Admin · August 6 at 4:11 PM · 🌐

These pictures were taken by Karuk Tribe Fisheries between Indian Creek which flows through Happy Camp and Selad Creek about 20 miles further upstream.

Observations suggest that this was a temporal event. That is to say a massive debris slide out of areas impacted by the McKinney Fire entered the mainstream Klamath River at or near Humbug Creek and McKinney Creeks. This led to dissolved oxygen levels dropping to 0 on the nights of August 3 and 4 according to Karuk Selad Creek water quality station. The result was a fish kill in this reach of river. We think the impact is limited to 10 or 20 miles of river in this reach and the fish we are seeing in Happy Camp and below are floating downstream from the 'kill zone.'

We are still working to better understand the event and the Karuk Tribe continues to monitor the situation. New information will be shared as Karuk Fisheries continues the investigation.



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**AF** **Alicia Forsythe**  
aforsythe@sitesproject.org California Fish and Wildlife Public Records Act Request of 29 Nov 2021, Reference # R002056-112921  
12/11/2020 4:06:58 PM Received: 26 Aug 2022 Leland Frayseth

**Sites Reservoir Follow-Up Discussion with Chuck Bonham**

To: "Jerry Brown" <jbrown@sitesproject.org>  
"Marcia Kivett" <MKivett@sitesproject.org>  
"Marcia Kivett" <MKivett@sitesproject.org>  
"Bonham, Chuck@Wildlife" <Chuck.Bonham@wildlife.ca.gov>  
"Davis-Fadtke, Kristal@Wildlife" <Kristal.Davis-Fadtke@wildlife.ca.gov>  
TBettner@gcid.net  
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Copy: "Marcia Kivett" <MKivett@sitesproject.org>  
"Laoyan, Gem@Wildlife" <Gem.Laoyan@wildlife.ca.gov>

**Warning: This email originated from outside of CDFW and should be treated with extra caution.**

All – Attached is an agenda for our meeting this coming Monday. Also attached is a schematic that we will walk through. We look forward to the discussion.

I hope everyone has a great weekend.

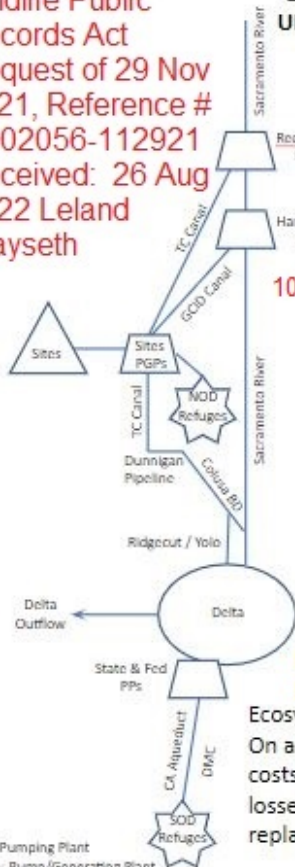
Ali

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Alicia Forsythe | Environmental Planning and Permitting Manager | Sites Reservoir Project | 916.880.0676 | [aforsythe@sitesproject.org](mailto:aforsythe@sitesproject.org) | [www.SitesProject.org](http://www.SitesProject.org)



California Fish and Wildlife Public Records Act  
Request of 29 Nov 2021, Reference # R002056-112921  
Received: 26 Aug 2022 Leland Frayseth

LHF redline 29 Aug 2022  
Ecosystem Water O&M Cost Factors  
UNFUNDED (Prop 1 only pays capital)



Cost Factors for Diversion/Fills:

1. Redbluff PP
2. TC Canal wheeling\*
3. Hamilton City PP
4. GCID Canal wheeling\*
5. Sites PP (net)

100 year Energy costs

Cost Factors for Storage and Release:

1. Evap Losses

100 year LOX costs to control HABS  
NOD Refuges -

2. GCID Canal wheeling\*

SOD Refuges\* and Delta Flows -

2. TC Canal wheeling\*
3. Colusa BD losses (assumes no \$)
4. Sac River Losses
5. Delta Losses\*
6. State & Fed PPs\*
7. CA Aqueduct and DMC wheeling\*\*
8. Refuge conveyance agreements\*\*  
(local agreements for delivery)

\* Conveyance and wheeling agreements are assumed to include costs and water losses  
\*\* Exclusive to Incremental Level 4 Refuge water

LOX liquid oxygen

HABS hazardous algal blooms

Ecosystem Water is ~20% of the project.  
On a proportionate basis these unfunded costs would be ~\$4M/yr and ~30%/yr losses, not accounting for renewal and replacement.

PP - Pumping Plant  
PGP - Pump/Generating Plant  
NOD - North of Delta  
SOD - South of Delta  
Colusa BD - Colusa Basin Drain

Working Draft - Subject to Change  
December 10, 2020



Los Vaqueros reservoir  
28 Aug 2012 algal bloom

Legend  
Los Vaqueros Reservoir

Empty liquid oxygen tank or poorly maintained gaseous oxygenation system unable to control algal bloom

Google Earth

300 ft

California Fish and Wildlife Public Records Act Request of 29 Nov 2021, Reference # R002056-112921  
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Criteria	Alternative A2 - 91 TAF CVP OpFlex - Preliminary Effects Analysis (VP-7 October 2020 criteria)
<b>Baseline</b>	
Baseline model	RoC on LTO PA
<b>Fixed Flows</b>	
American River	No
Trinity River	Yes - All
<b>Regulations (Not Sites Specific)</b>	
Fremont Weir	Fremont Weir Notch
<b>Sites Project Facilities</b>	
<i>Sites Reservoir</i>	
Reservoir Capacity	1.5 MAF
Dead Pool Size	120 TAF
Dead pool transfer to TCCA in drought periods	60 TAF
<i>Red Bluff Diversion/Tehama-Colusa Canal</i>	
Red Bluff Diversion Capacity	2,100 cfs
Red Bluff Bypass Flow	3,250 cfs
<i>Hamilton City Diversion/Glenn-Colusa Canal</i>	
Hamilton City Diversion Capacity	1,800 cfs
Hamilton City Bypass Flow	4,000 cfs
GCC Maintenance Window	2 weeks (Jan/Feb)
<i>Dunnigan Pipeline</i>	
Dunnigan release capacity	1,000 cfs
Dunnigan Pipeline endpoint	Colusa Basin Drain
<b>Regulations (Sites Specific)</b>	
Bend Bridge Pulse Protection	First pulse
Scaled Diversions	None
Wilkins Slough Bypass Flow	8,000 cfs April/May <del>all other times, 5,000 cfs</del>
Fremont Weir Notch Criteria	Prioritize the Fremont Weir Notch, Yolo Bypass preferred alternative, flow over weir within 9%
Flows into the Sutter Bypass System	Prioritize flows over Moulton, Colusa, and Tisdale Weirs within 25%
Freeport Bypass Flow	Maintain Delta Water Quality (15,000 cfs in January; 13,000 cfs in December and February through June; 11,000 cfs all other times)
Net Delta Outflow Index (NDOI) Prior to Project Diversions	None

\* 10,700 cfs Oct-Jun  
 \* 5,000 cfs Sept  
 \* None

\* 18 Mar 2022 Agenda item 2.1 Sites Joint Authority Board and Reservoir Committee meeting \*  
 Preliminary Draft – Subject to Change – Not for Public Distribution

I believe when Sites project estimators dial in 100 years of inflation adjusted electricity costs to pump water uphill into the reservoir and 100 years of inflation adjusted liquid oxygen costs to control reservoir algal blooms this project will be astronomically expensive. Liquid oxygen is costly and energy intensive to manufacture and there is not the capacity to manufacture it on the scale needed to control algal blooms in California that are popping up everywhere. I do not think any fisherwoman or fisherman would approve of California Fish and Wildlife subsidizing Sites off-stream reservoir Operations and Maintenance costs; that is a crazy idea.

I believe the West's Colorado, Sacramento and San Joaquin rivers do not have enough water to fill existing reservoirs now and in the foreseeable future and building new off-stream reservoirs is wasteful and unnecessary. California agriculture is 2.6% of GDP farmers and ranchers need to move to the Mississippi river basin where there is an abundance of water. We do not have water, it does not rain and snow here anymore.

Thank you for reading this comment and studying the embedded images.

Leland Frayseth