To: Lombardi, Marc[Marc.Lombardi@amecfw.com]; McBride, Toby[toby_mcbride@fws.gov]
Cc: Chad Mellison[chad_mellison@fws.gov]; Brown, Anthony R (RM)[anthony.brown@bp.com]; Jones, Britt[Britt.Jones@amecfw.com]; Greg Reller[gr@burlesonconsulting.com]; Cory Koger[Cory.S.Koger@usace.army.mil]; Jim Harvey[jimharvey@fs.fed.us]; Lee Carranza[lee_carranza@fws.gov]; Shawna Theisen[shawna_theisen@fws.gov]; Black, Ned[Black.Ned@epa.gov]; Cohen, Adam[Adam.Cohen@dgslaw.com]; Dana Barton[Barton.Dana@epa.gov]; Serda, Sophia[Serda.Sophia@epa.gov]; Wirtschafter, Joshua[Wirtschafter.Joshua@epa.gov]; Hillenbrand, John[Hillenbrand.John@epa.gov]
From: Deschambault, Lynda
Sent: Mon 7/31/2017 3:09:57 PM
Subject: RE: Tadpoles Identification at Leviathan Mine July 27, 2017
LeviathanBiologicalSurveysCompletedSummaryEmail_07.25.17.pdf

And to further close the loop.

I am sharing (Attached) an email from ARC providing an excellent summary!

Thanks Marc. Thanks Everyone.

Lynda

From: Deschambault, Lynda
Sent: Monday, July 31, 2017 7:36 AM
To: 'Lombardi, Marc' <Marc.Lombardi@amecfw.com>; McBride, Toby <toby_mcbride@fws.gov>
Cc: Chad Mellison <chad_mellison@fws.gov>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Jones, Britt <Britt.Jones@amecfw.com>; Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Jim Harvey <jimharvey@fs.fed.us>; Lee Carranza <lee_carranza@fws.gov>; Shawna Theisen <shawna_theisen@fws.gov>; Black, Ned <Black.Ned@epa.gov>; Cohen, Adam <Adam.Cohen@dgslaw.com>
Subject: RE: Tadpoles Identification at Leviathan Mine July 27, 2017

Thanks Toby, and thanks to everyone for the quick turnaround on this! much appreciated!

Lynda

From: Lombardi, Marc [mailto:Marc.Lombardi@amecfw.com]
Sent: Friday, July 28, 2017 6:45 PM

To: McBride, Toby <toby_mcbride@fws.gov>; Deschambault, Lynda <Deschambault.Lynda@epa.gov>
Cc: Chad Mellison <chad_mellison@fws.gov>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Jones, Britt <Britt.Jones@amecfw.com>; Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Jim Harvey <jimharvey@fs.fed.us>; Lee Carranza <lee_carranza@fws.gov>; Shawna Theisen <shawna_theisen@fws.gov>; Black, Ned <Black.Ned@epa.gov>; Cohen, Adam <Adam.Cohen@dgslaw.com>
Subject: RE: Tadpoles Identification at Leviathan Mine July 27, 2017

Lynda,

Based on the below recommendation from the U.S. Fish and Wildlife Service, Amec Foster Wheeler intends on starting work within the beaver dam/pond complex (as described within the Focused Feasibility Study Work Plan for the Evaluation of Remedial Technologies for Leviathan Creek Beaver Dam/Pond Complex) on Monday July 31, 2017, unless directed otherwise. Please let us know as soon as possible if you do not concur with this action.

Thanks,

Marc

Marc R. Lombardi, CEM, PG

Principal Geologist / Office Manager, Environment & Infrastructure Americas, Amec Foster Wheeler

10940 White Rock Road, Suite 190, Rancho Cordova, CA 95670, USA

D (916) 853-8903 M (916) 302-6326

marc.lombardi@amecfw.com amecfw.com

amec foster wheeler

From: McBride, Toby [mailto:toby_mcbride@fws.gov]
Sent: Friday, July 28, 2017 6:06 PM

To: Deschambault, Lynda <Deschambault.Lynda@epa.gov>
Cc: Chad Mellison <chad_mellison@fws.gov>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Jones, Britt <Britt.Jones@amecfw.com>; Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Jim Harvey <jimharvey@fs.fed.us>; Lee Carranza <lee_carranza@fws.gov>; Shawna Theisen <shawna_theisen@fws.gov>; Black, Ned <Black.Ned@epa.gov>; Lombardi, Marc <Marc.Lombardi@amecfw.com>
Subject: Re: Tadpoles Identification at Leviathan Mine July 27, 2017

Thank you for the quick visit and response, Chad. In light of your findings, we recommend that ARC can continue with the EPA approved activities surrounding the beaver pond complexes.

Thank you,

Toby

****

Toby McBride, Ph.D.
Spill Response Coordinator and NRDA Biologist

U.S. Fish and Wildlife Service
Sacramento Field Office
2800 Cottage Way, Room W-2605
Sacramento, CA 95825
(916) 414-6603 (w)
(916) 798-7904 (c)

On Fri, Jul 28, 2017 at 12:33 PM, Deschambault, Lynda <Deschambault.Lynda@epa.gov> wrote:

> Thank you for the note, Please confirm that ARC may proceed with the work EPA has approved.
>
> Lynda

From: Chad Mellison [mailto:chad_mellison@fws.gov]
Sent: Friday, July 28, 2017 10:35 AM
To: Deschambault, Lynda <Deschambault.Lynda@epa.gov>; Black, Ned <Black.Ned@epa.gov>; Lombardi, Marc <Marc.Lombardi@amecfw.com>
Cc: Brown, Anthony R (RM) <anthony.brown@bp.com>; Jones, Britt <Britt.Jones@amecfw.com>; Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Jim Harvey <jimharvey@fs.fed.us>; Toby McBride <toby_mcbride@fws.gov>; Lee Carranza <lee_carranza@fws.gov>; Shawna Theisen <shawna_theisen@fws.gov>
Subject: Tadpoles Identification at Leviathan Mine July 27, 2017

Hello, I wanted to update everyone on our field trip conducted at the beaver ponds located downstream of the Leviathan Mine site conducted on Thursday July 27, 2017. We were able to capture two tadpoles in the beaver pond where they were previously located. The tadpoles were identified as Pacific chorus frog (aka Pacific treefrog) *Pseudacris regilla*. Only the tadpole stage was found, I spent some time in a wet meadow located just below the beaver ponds and upstream of the road crossing and did not find any adult amphibians. If you have any questions give me a call.

Chad Mellison

U.S. Fish and Wildlife Service

Reno Fish and Wildlife Office

775-861-6327

From: Deschambault, Lynda [mailto:Deschambault.Lynda@epa.gov]

Sent: Tuesday, July 25, 2017 3:53 PM
To: Black, Ned; Lombardi, Marc; Chad Mellison
Cc: Brown, Anthony R (RM); Jones, Britt; Greg Reller; Cory Koger
Subject: RE: Tadpoles at Leviathan

Thanks all. Please include and cc Greg Reller. Let us know if you need any additional info; or his participation. Per greg:

From: Greg Reller [mailto:gr@burlesonconsulting.com]
Sent: Tuesday, July 25, 2017 2:56 PM
To: Deschambault, Lynda <Deschambault.Lynda@epa.gov>; Black, Ned <Black.Ned@epa.gov>
Subject: Leviathan Beaver Dam Tadpoles

Lynda and Ned:

Here are ddm lat and long coordinates to the location where Patty and I saw the tadpoles:

Lat: 38.716217

Long: -119.661090

We only saw a few tadpoles (maybe three), they were moving in and out of sight in the near shore vegetation. We saw abundant tadpoles there in 2012 and 2013, but the drought took a toll.

Another way to be sure you are at the correct spot is that when you go through the beaver gate turn left (downstream or north) and proceed to the upstream side of the nearest beaver dam. We saw the tadpoles along the shore upstream from this dam.

I will send a CNDDB map shortly.

From: Black, Ned
Sent: Tuesday, July 25, 2017 3:33 PM

To: Lombardi, Marc <Marc.Lombardi@amecfw.com>; Chad Mellison <chad_mellison@fws.gov>
Cc: Deschambault, Lynda <Deschambault.Lynda@epa.gov>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Jones, Britt <Britt.Jones@amecfw.com>
Subject: RE: Tadpoles at Leviathan

Given that I can't promise yet I'll be there, I hesitate to control the schedule. That said, if I can be there on Thursday it will probably make the most sense for me to drive up early Thursday; I could get to the 395/Leviathan Mine Road intersection by 13:00 and we could run up to the mine to check the tadpoles that afternoon.

ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

From: Lombardi, Marc [mailto:Marc.Lombardi@amecfw.com]
Sent: Tuesday, July 25, 2017 3:22 PM
To: Chad Mellison <chad_mellison@fws.gov>; Black, Ned <Black.Ned@epa.gov>
Cc: Deschambault, Lynda <Deschambault.Lynda@epa.gov>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Jones, Britt <Britt.Jones@amecfw.com>
Subject: RE: Tadpoles at Leviathan

Chad / Ned,

Amec Foster Wheeler can accommodate meeting anytime on Thursday. Britt Jones will be the contact for Amec Foster Wheeler. If Chad is unfamiliar with the site, I would recommend meeting at Hwy 395 and Leviathan Mine Road. There is a wide area to park off of Leviathan Mine Road just after you make the turn from Hwy 395. One item of note is that there is a fire (Preacher Fire) within a few miles of Leviathan Mine Road and Hwy 395, on the east side of Hwy 395, that is resulting in a lot of smoke and reduced visibility on Hwy 395 in the area. Good idea to monitor the fire in the event that Hwy 395 is closed.

https://inciweb.nwcg.gov/incident/5411/

Thanks,

Marc

Marc R. Lombardi, CEM, PG

Principal Geologist / Office Manager, Environment & Infrastructure Americas, Amec Foster Wheeler

10940 White Rock Road, Suite 190, Rancho Cordova, CA 95670, USA

D (916) 853-8903 M (916) 302-6326

marc.lombardi@amecfw.com amecfw.com

amec foster wheeler

From: Chad Mellison [mailto:chad_mellison@fws.gov]
Sent: Tuesday, July 25, 2017 2:45 PM
To: Black, Ned <Black.Ned@epa.gov>
Cc: Deschambault, Lynda <Deschambault.Lynda@epa.gov>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Lombardi, Marc <Marc.Lombardi@amecfw.com>
Subject: RE: Tadpoles at Leviathan

Is there a time and location we want to meet

From: Black, Ned [mailto:Black.Ned@epa.gov]
Sent: Tuesday, July 25, 2017 2:08 PM
To: Chad Mellison
Cc: Deschambault, Lynda; Brown, Anthony R (RM); Lombardi, Marc
Subject: RE: Tadpoles at Leviathan

Hi Chad,

Why don't you plan on going Thursday so we can get this settled sooner. I will check tonight to see if my leash is long enough for me to dash up there.

Cheers,

ned

ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

From: Chad Mellison [mailto:chad_mellison@fws.gov]
Sent: Tuesday, July 25, 2017 1:45 PM
To: Black, Ned <Black.Ned@epa.gov>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Lombardi, Marc <Marc.Lombardi@amecfw.com>; Toby McBride <toby_mcbride@fws.gov>; Deschambault, Lynda <Deschambault.Lynda@epa.gov>
Cc: Damian Higgins <damian_higgins@fws.gov>; Shawna Theisen <shawna_theisen@fws.gov>; Lee Carranza <lee_carranza@fws.gov>; Jim Harvey <jimharvey@fs.fed.us>
Subject: RE: Tadpoles at Leviathan

I can go out on Thursday (July-27) or Monday (July-30)

From: Black, Ned [mailto:Black.Ned@epa.gov]
Sent: Tuesday, July 25, 2017 11:08 AM
To: Brown, Anthony R (RM); Lombardi, Marc; McBride, Toby; Deschambault, Lynda; Mellison Chad
Cc: Damian Higgins; Shawna Theisen; Lee Carranza; Jim Harvey
Subject: RE: Tadpoles at Leviathan

All,

There was a key point raised early in this discussion that I didn't see addressed. The beaver ponds are being drained so that the beaver dams can be removed. The dams are being removed because they are accumulating metals-rich sediments that degrade water quality in Leviathan Creek. (The beavers have already been removed.) My point is there is a valid and justifiable reason for this action as part of the CERCLA work at Leviathan. I do agree we should get someone from FWS out there ASAP to identify the tadpoles; that's why I started this discussion. I would like to be present when the FWS is there to look at the tadpoles but my schedule is very uncertain due to a family emergency. Nonetheless, I would appreciate it if whomever from FWS is going up there would let me know in advance and I'll do my best to join them.

Thnx,

ned

ned black, ph.d.

us epa r9

regional cercla ecologist

415-972-3055

From: Brown, Anthony R (RM) [mailto:anthony.brown@bp.com]
Sent: Tuesday, July 25, 2017 10:21 AM
To: Lombardi, Marc <Marc.Lombardi@amecfw.com>; McBride, Toby <toby_mcbride@fws.gov>; Deschambault, Lynda <Deschambault.Lynda@epa.gov>; Mellison Chad <chad_mellison@fws.gov>
Cc: Damian Higgins <damian_higgins@fws.gov>; Black, Ned <Black.Ned@epa.gov>; Shawna Theisen <shawna_theisen@fws.gov>; Lee Carranza <lee_carranza@fws.gov>; Jim Harvey <jimharvey@fs.fed.us>
Subject: RE: Tadpoles at Leviathan

Thanks everyone for the help!!

From: Lombardi, Marc [mailto:Marc.Lombardi@amecfw.com]
Sent: Tuesday, July 25, 2017 8:54 AM
To: McBride, Toby; Deschambault, Lynda; Mellison Chad; Brown, Anthony R (RM)
Cc: Damian Higgins; Black, Ned; Shawna Theisen; Lee Carranza; Jim Harvey
Subject: RE: Tadpoles at Leviathan

Chad,

All of my contact information is listed below. Please contact me at your earliest convince and I can help coordinate a site visit.

Thanks,

Marc

Marc R. Lombardi, CEM, PG

Principal Geologist / Office Manager, Environment & Infrastructure Americas, Amec Foster Wheeler

10940 White Rock Road, Suite 190, Rancho Cordova, CA 95670, USA

D (916) 853-8903 M (916) 302-6326

marc.lombardi@amecfw.com amecfw.com

amec foster wheeler

From: McBride, Toby [mailto:toby_mcbride@fws.gov]
Sent: Tuesday, July 25, 2017 8:48 AM
To: Deschambault, Lynda <Deschambault.Lynda@epa.gov>; Mellison Chad <chad_mellison@fws.gov>; Brown, Anthony R (RM) <anthony.brown@bp.com>; Lombardi, Marc <Marc.Lombardi@amecfw.com>
Cc: Damian Higgins <damian_higgins@fws.gov>; Black, Ned <Black.Ned@epa.gov>;

Shawna Theisen <shawna_theisen@fws.gov>; Lee Carranza <lee_carranza@fws.gov>; Jim Harvey <jimharvey@fs.fed.us>
Subject: Re: Tadpoles at Leviathan

Thank you for your message. Marc, Chad Mellison (copied) is the Biologist in the USFWS Office in Reno, and is responsible for ES issues in the Bryant watershed. Please work with him to figure out a time to visit the site.

Thank you

Toby

****

Toby McBride, Ph.D.
Spill Response Coordinator and Contaminants Biologist

U.S. Fish and Wildlife Service
Sacramento Field Office
2800 Cottage Way, Room W-2605
Sacramento, CA 95825
(916) 414-6603 (w)
(916) 798-7904 (c)

On Tue, Jul 25, 2017 at 7:08 AM, Deschambault, Lynda <Deschambault.Lynda@epa.gov> wrote:

> Good morning Toby,
>
> I have copied Atlantic Richfield Company Tony Brown, and his contractor Marc Lombardi,
>
> They can arrange for you to do a visit of the beaver pond area at your earliest conveience.
>
> Please keep me copied on emails, and let me know how I can assist. My direct line is 415-947 -4183

Best Regards,

Lynda Deschambault

Environmental Scientist

USEPA Region 09

(415) 947-4183

Please be advised I may have limited access to email , therefore please be patient with any communication delays.

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