

From: [Tony Robinson](#)
To: rday@tnc.org; Heidi_Blasius@blm.gov; [Campostoma](#); Mary_Richardson@fws.gov; [Tiffany Love-Chezem](#); [Laura Frear](#); [Amberle Jones](#)
Cc: [Clayton Crowder](#); [Don Mitchell](#); [Raul Vega](#); [Duane Aubuchon](#); [John Bacorn](#); [Ross Timmons](#); [Jeff Sorensen](#)
Subject: Annual Fish Monitoring at Muleshoe- Hotsprings Canyon This Week, October 22 and 23
Date: Monday, October 20, 2014 9:50:01 AM
Attachments: [FISH COLLECTIONS MULTIPLE SITES DATASHEET.pdf](#)
[HotSpringsMonitoringSites2014Map.JPG](#)
[Muleshoe2014MonitoringSites.gpx](#)
[Protocol For Muleshoe Stream Fish Monitoring.doc](#)

Just wanted to touch base with everyone regarding this week's plans to conduct the annual fish monitoring of Hot Springs Canyon on the Muleshoe CMA.

As Clay outlined in his Sept 30 email, the AGFD CAP crew will be departing the Phoenix headquarters by 6:00am on October 22 and should arrive at the ranch headquarters at about noon. We will be bringing a UTV. That afternoon my crew will focus on the three sites in Reach 2 (Wildcat Crossing down a bit past the next access point). Heidi and her crew will focus on the three sites in Reach 1 (Bass Canyon to Wildcat Canyon), and can either try to accomplish it all on Oct 22 or on October 23. The next day, my crew will focus on the three sites in Reach 3 (terminus of Reach 2 down past the narrows), and when that is done will likely depart for Phoenix.

Attached are maps of the sampling sites, gpx files of the points, the sampling protocol, and datasheet. We will bring datasheets; but Heidi, if you want to start before we get there, please print off the datasheets on write-in-the-rain paper.

We can bring two shockers, and associated gear (dip nets, batteries, seines). Ron can Heidi use your shocker? And if so, can you have a couple of batteries charged and ready to go? Or Heidi can bring her own shocker, which is fine, but would suggest she bring TNC's in her truck as a back-up.

Ron, I can't remember if you were available and wanted to help sample too. If so, then would suggest you help Heidi, unless Amberle is not available, in which case, you could help the reach 2 and 3 team (not necessary, but it is slightly easier with four people).

Right now the crews are:

Reach 2 and Reach 3: Tony Robinson, Tiffany Love-Chezem, Laura Frear, and Amberle Jones (the latter is tentative)

Reach 1: Heidi Blasius, and three other BLM staff.

Ron informed us that the casita's and the dorms were full, so we will be camping wherever he tells us to (I think he mentioned down near the rock house; can't seem to find the email).

Anthony Robinson
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'Nothing in biology makes sense except in the light of evolution.' Theodosius Dobzhansky

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On Tue, Sep 30, 2014 at 1:16 PM, Clayton Crowder <CCrowder@azgfd.gov> wrote:
All,

The CAP Program is planning on conducting monitoring in Hotsprings Canyon on October 22 and 23.

Personnel will travel from Phoenix HQ to Muleshoe HQ on October 22, arrive mid-day and plan on performing sampling at the upper sites.

The following morning, they will return to the lower more distant portion of Hotsprings and complete the sampling.

I know of few of you have indicated your availability, and ask that you update us on your availability again.

Please let Tony and myself know if you will be available on one or both days...if we have enough help (9 people) then the sampling can be completed in one day.

Thanks

-Clay

From: Clayton Crowder
Sent: Tuesday, September 16, 2014 1:08 PM
To: 'Ron Day'; 'Bob Rogers'; 'heidi_blasius@blm.gov'; Don Mitchell; John Bacorn; Duane Aubuchon; 'Clarkson, Robert'; 'Mary Richardson'; 'Duncan, Doug'; 'Chuck Minckley'; 'Peter Reinthal'; 'Kent Mosher'
Cc: Raul Vega; Mike Rabe; Jeff Sorensen; Ross Timmons; Lara Upton; Amberle Jones; Andy Makinster; Brian Hickerson; Tiffany Love-Chezem; Tony Robinson; Laura Frear
Subject: Update!: Annual monitoring at Muleshoe- Hotsprings is tentatively planned for the week of October 20

All,

Due to the rain last night and incoming storm today through tomorrow, monitoring was not performed at Hotsprings Canyon today.

We have tentatively planned to return to Muleshoe, to sample Hotsprings Canyon, the week of October 20th, with the target dates being Oct 22 and 23.

If we have the assistance of 2- although 3 additional individuals would be ideal- the sampling can be completed in two days.

Please let me know if these days work for you and let me know so we can begin collecting enough people or plan on extending the days needed for sampling.

Also, please pass this email on to anyone I may have missed or may be interested in participating.

-Clay

From: Clayton Crowder
Sent: Thursday, August 28, 2014 2:49 PM
To: 'Ron Day'; 'Bob Rogers'; 'heidi_blasius@blm.gov'; Don Mitchell; John Bacorn; Duane Aubuchon; 'Clarkson, Robert'; 'Mary Richardson'; 'Duncan, Doug'; 'Chuck Minckley'; 'Peter Reinthal'; 'Kent Mosher'
Cc: Raul Vega; Mike Rabe; Jeff Sorensen; Ross Timmons; Lara Upton; Amberle Jones; Andy Makinster; Brian Hickerson; Tiffany Love-Chezem; Tony Robinson; Laura Frear
Subject: Annual monitoring at Muleshoe will be on September 15&16

All,

We will be performing the annual monitoring at Muleshoe on September 15 & 16.
The current plan is for the CAP staff to depart Phoenix for Muleshoe on Sunday, September 14. The following day, Monday, Sept 15, our personnel and Ron Day will sample Redfield Canyon.
Tuesday, September 16 we'll have three separate crews survey in Hotsprings Canyon.
Crew positions have not yet been assigned but the following people have indicated they will be available.

Tony
Tiffany
Laura
Brian H.
Ron
Heidi
Chuck M.
Lara
Sheridan
Ross

Wednesday, September 17, the CAP Program will perform some reconnaissance for topminnow sites in Bass and Wildcat, following the reconnaissance, the CAP Program will depart for Phoenix.

As I stated below, Ron has indicated that there will be rooms and availability for folks to stay at Muleshoe HQ. Please let Ron know directly if you are planning on staying the night.

In the upcoming weeks, for specific logistics and sampling crews etc., I will only be emailing those who are identified on the list above, don't take it personally, it'll just decrease the amount of emails you'll be receiving.

If you have any questions or comments please let me know.

Thank you

-Clay

From: Clayton Crowder
Sent: Monday, August 25, 2014 7:54 AM
To: 'Ron Day'; 'Bob Rogers'; 'heidi_blasius@blm.gov'; Don Mitchell; John Bacorn; Duane Aubuchon; 'Clarkson, Robert'; 'Mary Richardson'; 'Duncan, Doug'; 'Chuck Minckley'; 'Peter Reinthal'; 'Kent Mosher'
Cc: Raul Vega; Mike Rabe; Jeff Sorensen; Ross Timmons; Lara Upton; Amberle Jones; Andy Makinster; Brian Hickerson; Tiffany Love-Chezem; Tony Robinson
Subject: RE: Call for Assistance/Schedule Coordination for Annual Muleshoe Monitoring the week of September 15, 2014

All,

I am still trying to gather a few more people to assist in this year's monitoring.

So far I have Ron Day and Heidi Blasius available. Ron indicated that the bunkhouse will be available for folks that will need to spend the night.

Heidi, is it just going to be you or can Jeff and your interns come as well?

Please let me know by September 3 if you are available, would like to participate and if you have additional staff that can help.

Thanks

-Clay

From: Clayton Crowder
Sent: Monday, August 11, 2014 11:18 AM
To: 'Ron Day'; 'Bob Rogers'; 'heidi_blasius@blm.gov'; Don Mitchell; John Bacorn; Duane Aubuchon; 'Clarkson, Robert'; 'Mary Richardson'; 'Duncan, Doug'; 'Chuck Minckley'; 'Peter Reinthal'; 'Kent Mosher'
Cc: Raul Vega; Mike Rabe; Jeff Sorensen; Ross Timmons; Lara Upton; Amberle Jones; Andy Makinster; Brian Hickerson; Tiffany Love-Chezem; Tony Robinson
Subject: Call for Assistance/Schedule Coordination for Annual Muleshoe Monitoring the week of September 15, 2014

All,

It is that time of year again where we begin planning and coordinating for the upcoming Annual Muleshoe Monitoring. We have the Saturday, September 13th through Wednesday September 17th as the dates we've reserved for monitoring. Preferably, the monitoring would be performed on Monday and Tuesday, with Sunday and potentially Wednesday as travel days.

Similar to years past, we'll need more people (9-12) to perform the monitoring in Hotsprings, and can get away with a skeleton crew (6 people) in Redfield.

Ideally, we'll have 3 staff from our Program available, so we'll need:

6 people for Hotsprings

3 people for Redfield

If you are interested or plan on participating in the monitoring, I need to know what days would work best.

Saturday Sunday (9/13-9/14)

Sunday Monday (9/14-9/15)

Monday Tuesday (9/15-9/16)

Tuesday Wednesday (9/16-9/17)

Whichever day we have the least amount of people is the day we'll perform monitoring in Redfield.

Please let me know if you are available, and if so what dates.

Feel free to forward this email to anyone that would want to participate or anyone I may have missed.

Thanks

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