



U.S. Fish and Wildlife Service

*Proposal to List Dixie Valley
Toad as Endangered under
the Endangered Species
Act*



Agenda

- Meeting Ground Rules
- U.S. Fish & Wildlife Service Presentation
- Public Comments
- Closing Remarks

Ground Rules

1. Microphones and videos of the audience will be turned off during the presentation.
2. This presentation will be recorded and posted to the website.
3. Comments can be submitted verbally today after the presentation, or via mail or [regulations.gov](https://www.regulations.gov) (further information to be provided in this presentation).
4. Comments will be limited today to 5 minutes per participant, in order to allow everyone who is on the pre-registered commenter list the opportunity to offer a comment. We ask that you be mindful and respectful of this time limit.
5. If guidelines are not followed, your microphone will be muted, and we will move to the next person.



Dixie Valley Toad (*Anaxyrus williamsi*)

- Recently described
 - 2017
- Found only in Dixie Meadows, Nevada
- Smallest of the western toads
- Highly aquatic
 - Rarely found more than 46 feet from aquatic habitat
- Live in thermal springs
 - Especially during reproduction and brumation (similar to mammal hibernation)
- Breeding similar to other western toad species
- Still much to learn



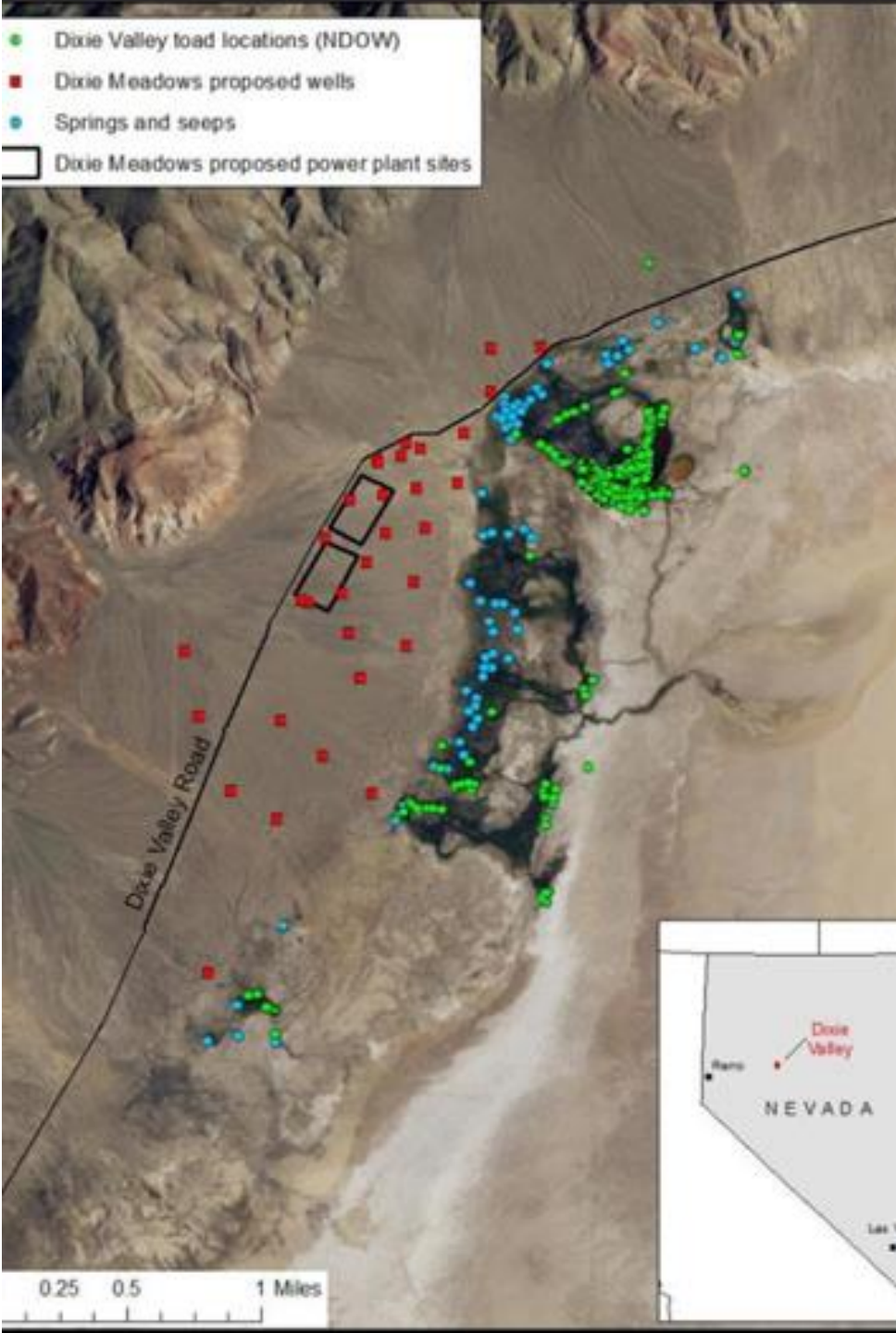
Habitat

- Dixie Meadows wetlands
 - Northeast of Fallon, Nevada
 - 760-acre wetland complex, fed by hot springs
 - Department of Defense and Bureau of Land Management land



Species Needs

- Sufficient wetted area
 - Shelter, reproduction, space to disperse
 - Food source in the form of aquatic and terrestrial invertebrates
- Water temperature
 - Shelter, especially during times of colder weather
 - Reproduction
- Wetland vegetation
 - Shelter, feeding
- Water quality



Threats

- Geothermal development
 - Impacts to habitat (wetland area and vegetation, water temperature, water quality)
- Non-native bullfrogs
 - Predation, competition for resources
- Chytrid fungus
 - Kills amphibians in large numbers
- Climate change
 - Impacts to habitat
- Groundwater pumping for human use
 - Impacts to habitat

Listing Timeline/History

July 2017

- Species described

Sep. 2017

- Petitioned to list

June 2018

- Warranted 90-day finding

Apr. 2022

- Emergency listing and proposed listing rule delivered to Federal Register

Basis for Proposed Listing Rule

Data collection, USGS model

Studies on effects of chytrid fungus, presence of in Dixie Valley

Small, isolated range

Specialized habitat requirements

Expert analysis of imminence and severity of threats



Public Involvement Process

June 27, 2018

- Solicited for public information to inform Species Status Assessment

April 7, 2022

- Emergency rule in effect
- Seeking public comment and information on *proposed* rule and Species Status Assessment

May 9, 2022

- Public informational session and hearing

June 6, 2022

- Public comment period closes

December 2, 2022

- End 240 days emergency listing protections
- Final listing rule

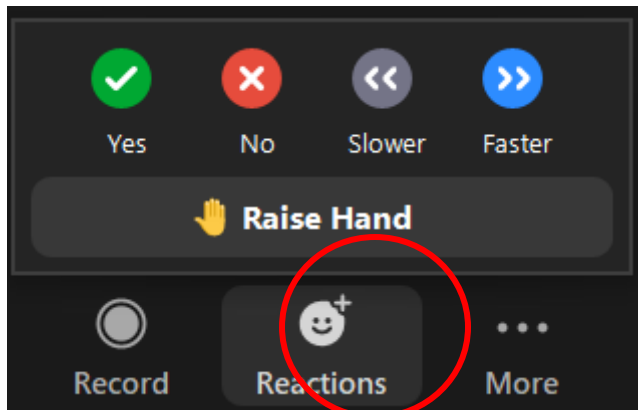
Seeking Public Input on Proposal to List

- Emergency listing rule is in effect for 240 days
- Seeking public input on proposed listing rule
 - Public hearing: today at 5:35 p.m.
 - Online: [federalregister.gov](https://www.federalregister.gov), search Docket #: FWS-R8-ES-2022-0024
 - Regular mail:
 - Public Comments Processing
 - Attn: FWS-R8-ES-2022-0024
 - U.S. Fish and Wildlife Service
 - MS: PRB/3W
 - 5275 Leesburg Pike
 - Falls Church, VA 22041-3803
 - Public comment period closes June 6, 2022

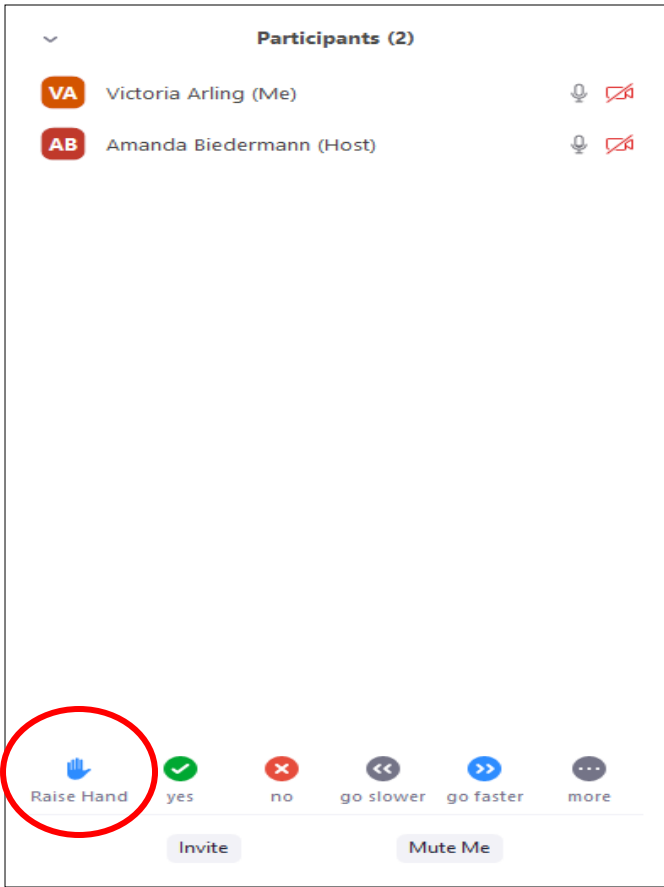
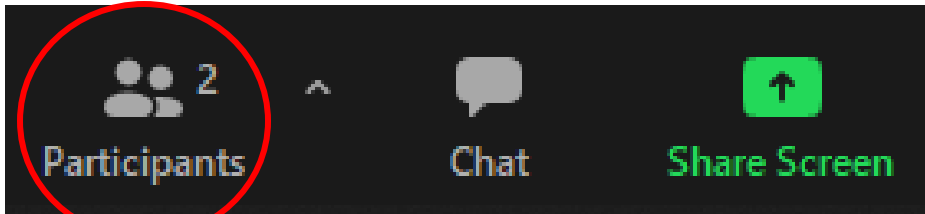
Instructions for commenters

- Verbal public comments will be accepted in order of registration.
- When it is your turn, the moderator will call out your name and display your name on the screen.
- To indicate that you are ready to offer your comment when the moderator reads your name, please use the “raise hand” feature at the bottom of your participants list or, if you are calling in through the phone, please press *9 to “raise your hand.”
- The moderator will then unmute you so that you can offer your comment.
- You will have 5 minutes to offer your comment. The moderator will prompt you to finish your comment once you have reached this 5-minute limit.
- Again, please spell out your full first and last name before you provide your comment.
- Your comment will be included in the project record.

Zoom Reactions Icon



Zoom Participants Icon



To access the raise hand feature, click on the participants list icon at the bottom of your Zoom screen, then click on the raise hand button at the bottom of your participants list. If you are calling in using your phone, press ***9** on your keypad.

*If you are unable to offer or complete your verbal public comment during the meeting today, the USFWS encourages you to submit your comment in writing through the *Federal Register*.

Current Commenter:

Next Commenter:

If you are having issues with your computer microphone, please dial in to the meeting: **Phone:** 346 248 7799;
Webinar ID: 859 0151 2982



Thank you for joining!

- If you would like to offer a verbal public comment, please let us know by accessing the raise hand feature at the bottom of your participants list, in your Zoom reactions icon, or by pressing *9 on your phone keypad. You can also chat directly to Megan Stone.
- The USFWS is available to accept verbal public comments until 7:00pm Pacific Time.
- Written comments can also be submitted via [regulations.gov](https://www.regulations.gov) (Search Docket Number FWS-R8-ES-2022-0024).



Dixie Valley Toad Proposed
Listing Rule Public Hearing
Begins at 5:35pm