

From: Wayland, Joshua
Sent: Friday, December 20, 2019 12:42 PM
To: Keller, Kevin
Cc: mmckee; Floyd, Kathryn K.; Rogers, Debra; Moelter, Chris; Johnson, David
Subject: RE: UBRy - Biological Resources - Baseline Environment Technical Memorandum and GIS shape files

Kevin,

ICF and I have completed our initial review of the Biological Resources Technical Memorandum that you provided on December 4, 2019. We have some follow up requests and questions on the report that will need to be addressed:

1. The included data for the Whitmore Park Alternative appears to be based on a preliminary version of the alignment in the Emma Park area. We are requesting that the report be resubmitted to reflect the final Whitmore Park Alternative alignment, which is located further to the north in the Emma Park Area, including revised maps and revised results (such as acreage of vegetation). Please provide this revised report by January 6, 2020, if possible or indicate when it will be available.
2. Section 5.2 states that riparian habitat, a habitat subsumed by the forest/woodland and meadow grassland communities, was mapped by the survey team to more accurately identify the extent of riparian habitat. However, none of the maps show this specific riparian habitat polygon and there is no corresponding Riparian Habitat layer in the GIS data that was sent. While acres of riparian habitat are provided for the study area, the GIS for Riparian Habitat is needed for the impact analysis. Please provide these data by January 6, 2020 if possible or indicate when it will be available.
3. Please indicate which landcover/habitat types would support the federally listed plants and wildlife species for those species where the report states that suitable or potential habitat exists in the study area. Linking these species to the habitats mapped (and reported in Table 5-1) will be needed, especially for preparing the Biological Assessment. We have the same request for the state, BLM, and USFS species, as well as migratory birds. Ultimately, we will need to know where the species could potentially be found in order to state how much impact could occur to the species and their habitats. Please provide this information by January 6, 2020 if possible or indicate when it will be available.
4. The last column of Table 6-4 indicates whether or not potentially suitable habitat is present in the study area. Please confirm whether this conclusion takes into account land ownership. This is important for the species that are listed only on the BLM and USFS species lists (and are not also federally or state listed species) because we will need to know if the identified suitable habitat for those species occurs on BLM and USFS lands, respectively. Please provide this information by January 6, 2020 if possible or indicate when it will be available.
5. A few of the map sheets show duplicate photo points. Some duplicate points are adjacent to each other and some are on opposite sides of the study area lines (e.g., Appendix B page 125). Please indicate whether these duplicate points are errors or whether two data points were taken in these areas. Please provide this information by January 6, 2020 if possible or indicate when it will be available.

Thank you for your assistance with these requests. Feel free to reach out to me with any questions or concerns.

Best,
Josh

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From: Keller, Kevin <Kevin.Keller@hdrinc.com>
Sent: Wednesday, December 4, 2019 3:08 PM
To: Wayland, Joshua <Joshua.Wayland@stb.gov>
Cc: mmckee <mmckee@7county.utah.gov>; Floyd, Kathryn K. <KKFloyd@Venable.com>
Subject: FW: UBRY - Biological Resources - Baseline Environment Technical Memorandum and GIS shape files

Josh,

A few information items for you that have been submitted this week.

The Biological Resources –Baseline Environment Technical Memorandum and GIS files are uploaded to the UBRY STB Sharepoint site. It can be found at this link

[https://jonesanddemille.sharepoint.com/sites/Shared UBRY STBNEPAFileShare/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FShared%2FUBRY%2FSTBNEPAFileShare%2FShared%20Documents%2FGeneral%2FBiological%20Resources%2D%20Baseline%20120319&viewid=246a253f%2D99ac%2D41e7%2D8011%2D1594eec1b488](https://jonesanddemille.sharepoint.com/sites/Shared%20Documents/Forms/AllItems.aspx?id=%2Fsites%2FShared%2FUBRY%2FSTBNEPAFileShare%2FShared%20Documents%2FGeneral%2FBiological%20Resources%2D%20Baseline%20120319&viewid=246a253f%2D99ac%2D41e7%2D8011%2D1594eec1b488)

under documents/general/biological resources-baseline 120319

Due to the size of the document, the Tech Memo is uploaded as a separate document, the Appendices A-E are uploaded separately. Along with the Tech Memo and Appendices are the GIS shape files.

Also attached is the transmittal email from SWCA to Alan on the cultural resources files.

Both of these items,

Kevin

Please let us know if you have any questions.

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