
From: Howard Brown - NOAA Federal <howard.brown@noaa.gov>
Sent: Wednesday, October 3, 2018 8:55 AM
To: Maria Rea
Cc: Garwin Yip
Subject: ROC on LTO

Maria,

As you are aware, Reclamation is holding a workshop this week with agency legal counsel, their consulting team and Reclamation's NEPA/ESA drafting team. The workshop focus is on the scope, schedule and interim milestones for the ROC on LTO. Dave Mooney and I exchanged emails yesterday and he said that he would get back to me after the workshop with details regarding when Reclamation.

Some of the material from the workshop was shared with Chris Keifer and he forwarded that to us yesterday morning. I spent some time looking through the material and was not able to glean any details about where they are with the proposed action other than they are working through a range of conceptual alternative scenarios that are binned into 4 main suites based on how they address listed fish issues and move the bar toward a Non-jeopardy outcome:

1. Flow Components
 - Temperature management, OMR, pulse flows for survival and gravel movement
2. Non-flow Components
 - Habitat Restoration, TCD improvements, predator management
3. Fish Intervention Components (intervention)
 - Trap and haul (upstream over dams and downstream), expand reliance on hatcheries
4. Mix and Match of 1-3

My understanding is that they will screen alternatives based on how far they go toward meeting overall project objectives related to water supply, power and fisheries and then move toward modelling. I will continue to track this and keep you posted as things develop

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Howard

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