

## Naseem Alston - NOAA Federal

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**From:** Naseem Alston - NOAA Federal  
**Sent:** Tuesday, April 30, 2019 8:55 AM  
**To:** Amanda Cranford  
**Subject:** Nimbus

Hi Amanda,

do you know if there are any updates to this?:

Nimbus Fish Hatchery, located on the Lower American River adjacent to Nimbus Dam, produces the anadromous form of *O. mykiss*. However, steelhead from Nimbus Fish Hatchery are not included in the CCV steelhead DPS due to genetic integrity concerns from use of out-of-basin broodstock (71 FR 834; January 5, 2006). To specifically address this issue and in response to RPA Action II.6.1 contained in the NMFS (2009) biological opinion for long-term operations of the CVP/SWP, genetic testing of American River *O. mykiss* population was completed in 2014 to inform the planning for Nimbus Fish Hatchery broodstock replacement that will support the CCV steelhead DPS (NMFS 2016).

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