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From: Oman, Jack
Sent: Wed 11/25/2015 8:56:36 PM
Subject: Yerington Slot Pond level - direction required

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Dante
ARC will require direction in the near future for operation of the FMS Slot Pond I level. The pond level was measured at an elevation of 17.33 feet on Friday 11/20/13. The invert for the North Collection Ditch draining into the pond is at an elevation of approximately 19.5 feet. This invert is approximately 2 feet lower than the Slot Pond I/Slot Sediment Pond invert of approximately 21.5 feet as a result of EPA work completed in 2006 to get the North Collection ditch to drain better into the Slot Pond. Due to the Thanksgiving holiday weekend the next pond levels will be reported Monday, 11/30/15. The recent series of storms may raise the Slot Pond I level above the 17.5 foot elevation at which time the pond will be operating within the 2-foot freeboard level defined by the North Collection Ditch modification.
ARC will require direction from EPA for the operational Slot Pond level to either transfer fluid to maintain the freeboard level or operate within the freeboard level. Specific directions for EPA's instructions should include the following aspects to assist implementing routine Site O&M operations:
1) Operate Into the North Collection Ditch freeboard: Operation into the North Collection Ditch freeboard should include to what elevation, operation directive for fluid potentially backing up into the North Collection ditch and criteria for implementing contingency operation (fluid transfers) in the event of severe weather.
2) Maintain the North Collection Ditch freeboard: Retain a fixed freeboard level of 2-feet or other specified by EPA and transfer fluid from the Slot Pond. This direction should include target elevations for the Slot Pond to just maintain the freeboard or transfer additional fluid for storm water management and to which pond (VLT Pond, FMS Evaporation Ponds B or C) this fluid should be transferred. The VLT Pond currently has the most capacity over the FMS Evaporation Ponds B and C.
ARC looks forward to EPA's direction in implementing these directions for the FMS winter operations. ARC will continue recording and reporting the FMS Pond elevations and request additional contingency operational directions if severe weather interferes with normal Site O&M operations.

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