

FPP Change Form

Change Request Number: 11TDA002

Date: 24 June 2010

Proposed by: TDA Project Fisheries

Location of Change: 2.4.1.2.e

Proposed Change: change open sluiceway gate from 5-3 to 8-3.

Reason for Change: Fish Passage Plan requires 6 sluice gates open on Ice Trash Sluiceway (1-1,1-2,1-3,5-3,18-2,18-3). Past years research results show a high passage rate through turbine 8 for juveniles and adults. (Ref; PNNL, Hydroacoustic Evaluation of Sluiceway Operations at The Dalles 2005, Hydroacoustic Evaluation of Overwintering Summer Steelhead Fallback and Kelt Passage at The Dalles Dam '09-'10). Discussing with PNNL personnel and briefly at FFDRWG, a definitive reason for selecting unit 5 could not be determined. Recommendations from the research suggest opening gates at unit 8. Data could not be found to support opening unit 5.

Comments from others: Cordie refreshed everyone's memories about Fenton Khan's recommendation to open sluice gate 8 open instead of sluice gate 5. Fredricks said the sluice gate 5 was recommended by Gary Johnson, with Battelle. Need more information.

From: Khan, Fenton [mailto:Fenton.Khan@pnl.gov]

Sent: Tuesday, July 27, 2010 8:28 PM

To: Cordie, Robert P NWP; Johnson, Gary E

Subject: RE: ITS gate 8

Bob,

Gary and I spoke about this after you and I discussed the matter of switching to ITS gate 8 and Gary agreed that it would be a good idea to open 8. We still can't figure out how 5-2 was selected in 2005, but our guess was it was somewhere "near" the middle, but to the west. Just a guess. I say we open ITS 8 because we saw both juveniles and adults using MU 8 for passage.

Gary, any more to add?

Fenton

From: Johnson, Gary E [mailto:Gary.Johnson@pnl.gov]

Sent: Wednesday, July 28, 2010 7:25 AM

To: Khan, Fenton; Cordie, Robert P NWP

Subject: RE: ITS gate 8

I agree w/ Fenton.

From: Tackley, Sean C NWP

Sent: Wednesday, July 28, 2010 7:30 AM

To: 'Johnson, Gary E'; Khan, Fenton; Cordie, Robert P NWP

Subject: RE: ITS gate 8

Thank you Gary and Fenton for your input on this. It sounds like we should move forward with the switch to ITS gate 8, pending final approval from FPOM.

Best,Sean

Record of Final Action: Approved at August 2010 FPOM. Implement immediately.