	FISHWAY STATUS REPORT - JOHN DAY DAM														
Inspec All JD Fishways are inspected twice per	Date: ction Period:			1/29/2022 - Nov. 30		US Army Col of Engineers Portland District	P.O. Box 82 Rufus, Oreg	on 97050							
Additional and frequent monitoring, of			-												
John Day Dam	Inspection OOC	Criteria Limit		Total Number of	Inspections:	6	Temperature: Secchi								
NORTH FISHWAY															
Exit differential	0	≤ 0.5'													
Exit Control weirs	0	High setting	NFL RTS 1/2	1	•			•							
Count station differential	0	≤ 0.3'													
Entrance differential	0	1.0' - 2.0'	AVG (Ft.)	1.5											
	SOUTH FISHWAY														
Exit differential	0	≤ 0.5'			1										
Exit Control weirs	0	Mid setting	SFL SOOS 1/	21 for winter mair	ntainence										
Count station differential	0	≤ 0.3'													
Weir crest depth (US gauge)	0	1.0' ± 0.1'													
South entrance differential	0	1.0' - 2.0'	AVG (Ft.)	N/A											
Entrance weir SE1	0	depth (≥ 8')	AVG (Ft.)	8.6											
Collection channel velocity	0	1.5 - 4 fps	AVG (Ft.)	N/A											
N. Entrance PH(Bay 19)differential	0	1.0' - 2.0'	AVG (Ft.)	N/A											
Entrance weir NE1	0	depth (≥ 8')	AVG (Ft.)	9.8											
Entrance weir NE2	0	depth (≥ 8')	AVG (Ft.)	9.7											
			JU	VENILE PASS	AGE										
Forebay/bypass conduit differential	0	4.0' - 5.0'	AVG (Ft.)	4.4											
Submersible traveling screens	0	visual inspect	STSs remove	ed for winter main	tenance										
Turbine trashrack drawdown	0	<1.5', wkly													
Vert barrier screen drawdown	0	<1.5', wkly													
Spill volume	0	per FPP	Avg (kcfs)	0.0	Avg %	0.0									
Spill pattern	0	per FPP													
Turbine Unit Priority	0	per FPP													
Turbine 1% Efficiency	0	per FPP													

Fisheries Related Operations

Smolt Monitoring Operations:

Adult Ladder Operations:

North fish ladder is operating within criteria. South fish ladder was set to orfice flow on 1/21 to prepare for dewatering.

Project Operations:

Current outages: South Fish Ladder, SMF, JBS, MU3, MU7, MU12.

Maintenance:

Winter maintenance continues on South Fish Ladder

Calibration:

All gauges within the 0.3' criteria.

Bird Data:

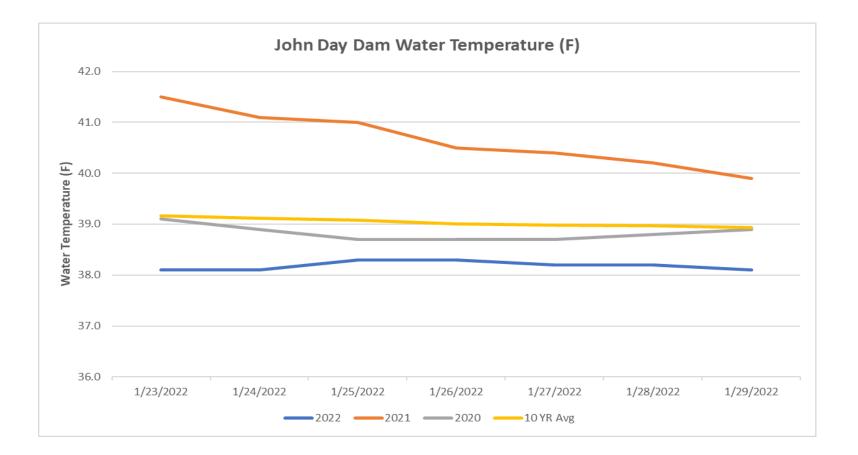
Cormorant numbers are steady around 30, mainly roosting on rocks in SW2 and SW3 or towers in PHFB. Gull numbers minimal, few foraging in the tailrace in PH1 and PH3. A pelican seen occasionaly resting on Preacher's Island or PH3. Grebes have dispersed. (see 'Bird Count' tab for details). Bird counts are not currenlty conducted Friday-Sunday. 8 of 125 avian lines down, will need to be replaced

o or 125 avian lines down, will need to be replaced

Pelicans on Preacher's Island: averaged 0 per day

Research:

None



JDA Collection Channel Velocity

FPP Criteria: 1.5–4.0 feet per second (2 fps optimum)

Date	Measurement Location	Speed (ft/sec)	SFL Turbine RPMs (1,2,3)	Bay 19 TW (ft)

Average Weekly Velocity (ft/sec)	N/A
----------------------------------	-----

JOHN DAY WEEKLY AVERAGES

	NE1 (Ft)	NE2 (Ft)	S.Ent (Ft)	SE1 (Ft)	N.Ent (Ft)	JBS Diff (Ft)	Bay19 (Ft)	Spill Vol. (kcfs)	Spill %	# Spillbays
Sunday	9.8	9.7		8.6	1.6	4.5		0.0	0.0	0
Monday					1.4	4.5		0.0	0.0	0
Tuesday					1.3	4.5		0.0	0.0	0
Wednesday					1.6	4.2		0.0	0.0	0
Thursday					1.5	4.4		0.0	0.0	0
Friday					1.6	4.5		0.0	0.0	0
Saturday										
AVG:	9.8	9.7	N/A	8.6	1.5	4.4	N/A	0.0	0.0	0.0

				Average # of Pelicans
	Temp (F)	Secchi (Ft)	Fallbacks	on Island Per Day
Sunday	38.1		N/A	
Monday	38.1	6.0	N/A	0
Tuesday	38.3	6.0	N/A	0
Wednesday	38.3	6.0	N/A	0
Thursday	38.2	6.0	N/A	0
Friday	38.2		N/A	
Saturday	38.1		N/A	
AVG	38.2	6.0	N/A	0



				JDA E	Bird Co				<u>3/22</u>		<u>1/29/</u> 2	<u>22</u>										
		F(1): F	orage	AM su	irvey	F(2):	Fora	ge PM S	Survey	NF	(1): Non	-Forage	e AM Si	urvey	NF	=(2): No	on-Fora	ige PN	Л Surv	vey		
	_		G	ulls			Cori	norant			Caspia	n tern			White	e Pelica	n		G	rebe		
Date	Zone	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	Total
23-Jan	PHFB	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
23-Jan	SWFB	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
23-Jan	PH1	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
23-Jan	PH2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
23-Jan	PH3	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
23-Jan	SW1	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
23-Jan	SW2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
23-Jan		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Total/S		N	C	N	IC	N	IC	N	С		NC	N	IC	N	C	N	IC	N	IC	N	IC	NC
24-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jan	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jan	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/S		0			0	_	0)	-	0	()		0		0		0	0
25-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Jan		0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
25-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Jan	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25-Jan 25-Jan		0	0	0	0	0 0	0 0	27 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	27 0
Total/S		0	-	÷	0	0	3	2	÷	0	0	0		-)	-	0	-	0	-	0	30
26-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o
26-Jan	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o
26-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-Jan		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26-Jan	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/S		0	-	-	0	-	0	-)		0	(-	-)	-	0	-	0	-	0	0

					Bird C			<u>1/27</u>	<u> </u>		<u>1/29/2</u>											
		F(1): F	orage	AM su	irvey	F(2):	Fora	ge PM S	Survey	NF	(1): Non	-Forage	e AM S	urvey	NF	-(2): No	on-Fora	ige PN	/I Sur\	/ey		
		Gulls Co									Casnia	ian tern Whi			White	Vhite Pelican			G	rebe		
Date	Zone	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	F(1)	F(2)	NF(1)	NF(2)	Total
27-Jan	PHFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-Jan	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-Jan	PH1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-Jan	PH2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-Jan	PH3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-Jan	SW1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-Jan	SW2	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	23
27-Jan	SW3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/S	urvey	0			0	()	2	3		0	(0)		0	())	23
28-Jan	PHFB	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
28-Jan	SWFB	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
28-Jan	PH1	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
28-Jan	PH2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
28-Jan	PH3	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
28-Jan	••••	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
28-Jan	••••	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
28-Jan		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
Total/S		N			IC		C	N	_		NC		IC		C		IC		C	N		NC
29-Jan		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
29-Jan	••••	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
29-Jan	=	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
29-Jan	–	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
29-Jan	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC						
29-Jan 29-Jan	-	NC NC	NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC	NC NC
29-Jan 29-Jan	-	NC	NC NC	NC	NC NC	NC NC	NC NC	NC	NC	NC NC	NC	NC NC	NC NC	NC NC	NC NC	NC	NC NC	NC NC	NC NC	NC NC	NC	NC
Total/S		NC		-			C	NC	_		NC		C		C	-	C			_	C	NC
	avey																					

Totals	G	ulls	Cor	morant	Caspia	in tern	White	e Pelican	G	Total	
	F	NF	F	NF	F	NF	F	NF	F	NF	Total
Weekly Total	0	0	3	50	0	0	0	0	0	0	53
Avg/Survey	0	0	0	7	0	0	0	0	0	0	8

