FISHWAY STATUS REPORT - JOHN DAY DAM														
Inspec All JD Fishways are inspected twice per	Date: ction Period: r day during f		thru	2/19/2022 - Nov. 30.		US Army Cor of Engineers Portland Distric	P.O. Box 823 PS Rufus, Orego	JD/WC Project-Fisheries P.O. Box 823 Rufus, Oregon 97050 Phone: 541-506-7860						
Additional and frequent monitoring, of	Additional and frequent monitoring, of the PLC displays in SMF Fisheries Office, as necessary.													
John Day Dam	Inspection OOC	Criteria Limit		Total Number of	Inspections:	4	Temperature: Secchi:	38.1 6.0						
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.)	1.6										
			S	OUTH FISHW	AY									
Exit differential	0	≤ 0.5'												
Exit Control weirs	0	Mid setting	SFL SOOS 1/	21 for winter main	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.)	N/A										
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.)	N/A										
Entrance weir NE2	0	depth (≥ 8')	AVG (Ft.)	N/A										
			JU	IVENILE PASS	AGE									
Forebay/bypass conduit differential	0	4.0' - 5.0'	AVG (Ft.)	N/A										
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							1					

# **Fisheries Related Operations**

## Smolt Monitoring Operations:

#### Adult Ladder Operations:

North fish ladder is operating within criteria. South fish ladder was dewatered on 2/3.

#### Project Operations:

Current outages: Navlock, South Fish Ladder, SMF, JBS, MU3, MU 6, MU7, MU12.

#### Maintenance:

Winter maintenance continues on South Fish Ladder and Navlock.

#### Calibration:

All gauges within the 0.3' criteria.

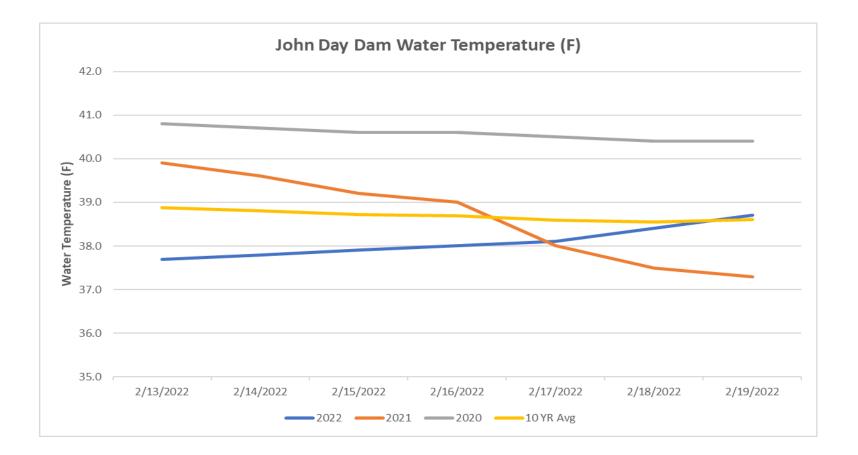
## Bird Data:

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

Pelicans on Preacher's Island: averaged 0 per day

#### Research:

None



# 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					1.5			0.0	0.0	0
Monday					1.2			0.0	0.0	0
Tuesday					2.0			0.0	0.0	0
Wednesday								0.0	0.0	0
Thursday					1.5			0.0	0.0	0
Friday								0.0	0.0	0
Saturday								0.0	0.0	0
AVG:	N/A	N/A	N/A	N/A	1.6	N/A	N/A	0.0	0.0	0.0

				Average # of Pelicans
	Temp (F)	Secchi (Ft)	Fallbacks	on Island Per Day
Sunday	37.7		N/A	
Monday	37.8	6.0	N/A	0
Tuesday	37.9	6.0	N/A	0
Wednesday	38.0		N/A	
Thursday	38.1	6.0	N/A	0
Friday	38.4		N/A	
Saturday	38.7		N/A	
AVG	38.1	6.0	N/A	0



		E(1). E	orago		Bird Co			2/13 ge PM S		to	2/19/2				NI	(2)• No	n Fora		A Sun	1011		
		F(1). F	orage	AM su	irvey	F(Z).	FUId	ge Pivi s	Survey	INF	(1): Non	-FOLAGE	E AIVI SI	urvey	INF	-(Z). INC	on-Fora	ige Pi	vi surv	/ey		
Date	Zone		G	ulls			Corr	norant	:		Caspia	n tern			White	e Pelica	n		G	rebe		Total
Date	20116	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
13-Feb	PHFB	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
13-Feb	SWFB	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
13-Feb	PH1	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
13-Feb	PH2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
13-Feb	PH3	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
13-Feb	SW1	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
13-Feb	SW2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
13-Feb	SW3	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Total/S	urvey	N	С	N	IC	N	IC	N	IC		NC	N	IC	N	IC	N	IC	N	IC	N	IC	NC
14-Feb	PHFB	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14-Feb	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14-Feb	PH1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14-Feb	PH2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14-Feb	PH3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14-Feb	SW1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14-Feb	SW2	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	36
14-Feb	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		1	3	6		0	(				0 0		0	0		37	
15-Feb	PHFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-Feb	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-Feb	PH1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-Feb	PH3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-Feb	SW1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-Feb	-	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	24
15-Feb		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total/S		0	1		0	(		2	4		0		0		0				0		0	24
16-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
16-Feb	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
16-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
16-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
16-Feb	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
16-Feb	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
16-Feb	SW2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
16-Feb	SW3	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Total/S	urvey	N	C	N	IC	N	IC	N	IC		NC	N	IC	N	IC	N	IC	N	IC	N	IC	NC

				JDA E	Bird C	ount	s:	2/17	/22	<u>to</u>	2/19/2	22										
		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		
<b></b>			G	ulls			Cori	norant			Caspia	n tern			White	e Pelica	an		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
17-Feb	PHFB	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17-Feb	SWFB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Feb	PH1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Feb	PH2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Feb	PH3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Feb	SW1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17-Feb	SW2	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	36
17-Feb	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		L	3	6		0	(	0		)		0	0		0		37
18-Feb	PHFB	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
18-Feb	SWFB	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
18-Feb	PH1	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
18-Feb	PH2	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
18-Feb	PH3	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
18-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
18-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
18-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
Total/S		N	-		IC		C	N	_		NC		IC	N			IC		C	N		NC
19-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
19-Feb	••••	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
19-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
19-Feb		NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
19-Feb	-	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC								
19-Feb 19-Feb	-	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								
19-Feb 19-Feb	-	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	I	-	C		C	NC	_		NC		C		C	-	C		C	-	C	NC
10101/0																						

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	2	96	0	0	0	0	0	0	98
Avg/Survey	0	0	0	14	0	0	0	0	0	0	14

