

**OFFICIAL COORDINATION REQUEST FOR  
NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE-** 16 LGS 04 Little Goose Debris Spill (Update 30 March 2016)

**COORDINATION DATE-** 21 March 2016

**PROJECT-** Little Goose Lock and Dam

**RESPONSE DATE-** 23 March 2016

**Description of the problem**

Surface debris in the forebay is building and becoming a large mass of woody material. Before the juvenile fish passage season begins, a controlled debris spill per 2015 Fish Passage Plan pages LGS-9 and LGS-28 is planned for one day between March 24 and March 28. The debris removal is planned for up to three hours on one day, but due to the possibility of adverse weather conditions and wind direction, a five day time span is being requested to allow us to coordinate the spill when the weather allows. The plan is to use rolling outages to move the debris towards the spillgates.

**Type of outage required**

A generic outage will be coordinated with BPA to allow for two units out of service at a time, moving from unit 1 to unit 6, to help move debris towards the spillgates.

**Impact on facility operation**

If the debris field remains in the forebay any longer than necessary, it can settle onto the main unit trash racks, which may result in fish descaling or mortalities when the juvenile passage season begins.

**Dates of impacts/repairs**

24-28 March 2016

**Length of time for repairs**

Three hours on one day

**Expected impacts on fish passage**

Expected impact on fish is minimal. Juvenile passage season has not yet begun. Removing the debris will improve passage conditions. Adult passage is low at this time with most recent daily passage of 27 steelhead on 18 March 2016.

Date	All Chinook		Adult Chinook		Jack Chinook		All Steelhead		Clipped Steelhead		Unclipped Steelhead		All Coho		Adult Coho		Jack Coho		Sockeye		Chum		Pink	
	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum
3/1/2016	0	0	0	0	0	0	58	58	29	29	29	29	0	0	0	0	0	0	0	0	0	0	0	0
3/2/2016	0	0	0	0	0	0	51	109	20	49	31	60	0	0	0	0	0	0	0	0	0	0	0	0
3/3/2016	0	0	0	0	0	0	37	146	24	73	13	73	0	0	0	0	0	0	0	0	0	0	0	0
3/4/2016	0	0	0	0	0	0	34	180	20	93	14	87	0	0	0	0	0	0	0	0	0	0	0	0
3/5/2016	1	1	0	0	1	1	103	283	49	142	54	141	0	0	0	0	0	0	0	0	0	0	0	0
3/6/2016	0	1	0	0	0	1	101	384	51	193	50	191	0	0	0	0	0	0	0	0	0	0	0	0
3/7/2016	0	1	0	0	0	1	29	413	19	212	10	201	0	0	0	0	0	0	0	0	0	0	0	0
3/8/2016	0	1	0	0	0	1	34	447	19	231	15	216	0	0	0	0	0	0	0	0	0	0	0	0
3/9/2016	0	1	0	0	0	1	56	503	28	259	28	244	0	0	0	0	0	0	0	0	0	0	0	0
3/10/2016	0	1	0	0	0	1	69	572	31	290	38	282	0	0	0	0	0	0	0	0	0	0	0	0
3/11/2016	0	1	0	0	0	1	145	717	70	360	75	357	0	0	0	0	0	0	0	0	0	0	0	0
3/12/2016	0	1	0	0	0	1	38	755	22	382	16	373	0	0	0	0	0	0	0	0	0	0	0	0
3/13/2016	0	1	0	0	0	1	89	844	43	425	46	419	0	0	0	0	0	0	0	0	0	0	0	0
3/14/2016	0	1	0	0	0	1	50	894	21	446	29	448	0	0	0	0	0	0	0	0	0	0	0	0
3/15/2016	0	1	0	0	0	1	68	962	20	466	48	496	0	0	0	0	0	0	0	0	0	0	0	0
3/16/2016	0	1	0	0	0	1	71	1,033	30	496	41	537	0	0	0	0	0	0	0	0	0	0	0	0
3/17/2016	0	1	0	0	0	1	80	1,113	42	538	38	575	0	0	0	0	0	0	0	0	0	0	0	0
3/18/2016	0	1	0	0	0	1	27	1,140	20	558	7	582	0	0	0	0	0	0	0	0	0	0	0	0
	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum	daily	sum
Date	All Chinook		Adult Chinook		Jack Chinook		All Steelhead		Clipped Steelhead		Unclipped Steelhead		All Coho		Adult Coho		Jack Coho		Sockeye		Chum		Pink	

## Updated

Due to weather conditions, Little Goose did not conduct this debris spill. Since spill season will begin April 3<sup>rd</sup>, Little Goose does not believe it will be necessary to extend this spill request. The debris remaining in the forebay has been dispersed by wind and will pass the project once the spill season commences.

## Comments from agencies

-----Original Message-----

From: Tom Lorz [mailto:lort@critfc.org]  
 Sent: Tuesday, March 22, 2016 12:41 PM  
 To: Bailey, John C NWW <John.C.Bailey@usace.army.mil>  
 Subject: [EXTERNAL] Re: MOC 16LGS04 Little Goose Debris Spill

should be ok. At a future meeting might want to talk about installing the TSW sooner and using that as a means to remove debris to see if that would work as well as a full Tainter Gate operation.

## Final results

Please email or call with questions or concerns.  
 Thank you,

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 Little Goose Project Fishery Biologist  
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