

Hello Dave,

Please find attached a spreadsheet which presents the loads for all the locations listed in the table provided by you. The formatted table in columns A, B and C is what you need. Please ignore the raw data on the right, this is the data pulled from the different loading spreadsheets which I had placed on the ftp site. I put that just for reference.

Please note the following:

-Loads at LRSR = output at the bottom of segment 5 + distributed tributary load (DST) for segment 6 x ratio of the length of segment 6 that falls in OR to the total segment length of segment 6 (estimated ratio used in calculation =0.33)

-Distributed Loads to Lost River between Stateline Road and Tule Lake = DST for segment 6 x (1-0.33)

-The values are in metric tons (I used 1 metric tonne = 2204.623 lbs in the conversion from lbs to metric tons)

-Note Pump E is about ~3 miles downstream of LKL, not that close.

Please let me know if you have any questions.

Thank you,

-Mustafa

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Segment/Source	DIN Load (mtons/yr)	C-BOD Load (mtons/yr)		Sub-Domain	Location	Boundary Condition	NH3 (lbs)	Nox (lbs)	CBOD (lbs)		0.33			
Lost River at Stateline Road (OR Border)- LRSR	55	108			6 LR downstream of Anderson Rose Dam	USIFB	57623.94	62051.39	201029.631					
Distributed Loads to Lost River between Stateline Road and Tule Lake	2	35			6 Anderson Rose to Tule Lake	DST	2615.746	5224.71	115589.9969					
Distributed Loads to Tule Lake	74	514			7 Tule Lake	DST	49945.47	114076.1	1132668.193					
Loads from Tule Lake to P Canal	39	492			8 P canal downstream of Tule Lake	USIFB	76112.92	9491.167	1084295.279					
Distributed Loads to P Canal	0	0			8 P-Canal	DST	0	0	0					
City of Tule Lake WWTP*	-	-												
Loads from P Canal to Lower Klamath Lake FYI)	n/a	n/a												
Distributed Loads to Lower Klamath Lake	8	79			9 LKL	DST	7075.109	10255.67	173907.5562					
Loads from ADY Canal	9	79			9 ADY Canal	TRIB	9361.201	10099.84	173443.4391					
Loads from Lower Klamath Lake to Klamath Straits Drain (FYI)	40	387			10 KSD leaving LKL	USIFB	52203.69	36729.18	852175.5543					
Segment/Source	DIN Load (mtons/yr)	C-BOD Load (mtons/yr)												
LR downstream of Anderson Rose Dam	54	91												
KSD leaving LKL	40	387			10 KSD leaving LKL	USIFB	52203.69	36729.18	852175.5543					
KSD - LKL to E - Distributed Load	28	210			10 KSD - LKL to E	DST	33114.61	28532.73	463547.1226					
KSD leaving E pumps	60	507			11 KSD leaving E pumps	USIFB	72998.21	59739.98	1117439.73					