

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<br>(mtons/yr) | C-BOD Load<br>(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<br>(mtons/yr) | C-BOD Load<br>(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  |  |      |  |  |  |