

The Dalles Detection Report for the East (TD1) and North (TD2) Fish Ladder PIT Tag Systems

5/10/13 to 5/23/13

There were a total of 1264 PIT tag detections at The Dalles adult fish ladders during the two-week period of May 10 thru May 23, 2013. There were 1119 tags detected at the east ladder (TD1) and 145 tags were detected at the north ladder (TD2). Below are separate summaries for each system.

The Dalles East Fish Ladder (TD1) Detection Report

There were 1103 unique tags detected at TD1 during the period of May 10 thru May 23, 2013. Unique reads by individual coil are listed in Table 1.

Coil ID	Unique Tags Read per Coil
01	1114
02	1114
Total Unique Tags Read	1119

Table 1 Unique tags read per coil, 5/10/13 to 5/23/13

Estimated detection efficiency for each coil and the overall system during this two week period:

Coil ID	Estimate
01	.9955
02	.9955
Overall	1.000

Table 2 Estimated detection efficiency, 5/10/13 to 5/23/13

Year to date detection efficiency for each coil and the overall system at TD1:

Coil ID	Unique Tag Reads per Coil	Efficiency Estimate
01	1963	.9959
02	1966	.9975
Overall	1971	.9999

Table 3 Year-to-date estimated efficiency

The Dalles North Fish Ladder (TD2) Detection Report

There were 145 unique tag detections at TD1 during the period of May 10 through May 23. Unique reads by individual coil are listed in table 4.

Coil ID	Unique Tags Read per Coil
01	144
02	145
Total Unique Tags Read	145

Table 4 Unique tags read per coil, 5/10/13 to 5/23/13

Estimated detection efficiency for each coil and the overall system during this two week period:

Coil ID	Estimate
01	.9931
02	1.000
Overall	1.000

Table 5 Estimated detection efficiency, 5/10/13 to 5/23/13

Year to date detection efficiency for each coil and the overall system at TD2:

Coil ID	Unique Tag Reads per Coil	Efficiency Estimate
01	402	.9950
02	404	1.000
Overall	404	1.000

Table 6 Year-to-date estimated efficiency