



Okanagan Nation Alliance
Fisheries Department
 Progress Report

Projects: **Okanagan tributary stream summary of PIT tagged fish**

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Contract #: no contract, support for Shingle PIT array and OBMEP data

Adult Steelhead Detections in Tributaries

Table A-2. List of ONA-operated PIT arrays on tributaries to qawsitk^w (Okanagan River) in the Canadian portion of the basin with associated number of adult steelhead detections since 2014.

Site	2014	2015	2016	2017
OKI – Inkaneep Creek	NA	2 (1 hatchery, 1 wild)	1 (hatchery)	1 (hatchery)
OKW – Shuttleworth Creek	0 (temporary array)	NA	0	0
OKS – Shingle Creek	NA	NA	0	0
Testalinden Creek (temporary)	NA	0	NA	NA
McLean Creek (temporary)	NA	0	NA	NA

Increased PIT detection efforts in the Canadian portion of the Okanagan basin has also benefited in information gathering for other listed species. In 2017, seven hatchery Spring Chinook were detected at the qawsitk^w (Okanagan River) PIT array near Oliver, BC (OKC), and one spawning female (hatchery) was observed in Vaseux Creek. No Spring Chinook were detected in tributaries in 2017; however, in 2016 two Spring Chinook (one listed as “Unknown Run”) were detected in Shuttleworth Creek and one Spring Chinook was detected in akłx^wmina? (Shingle Creek).

(see opposite page for project map)

Juvenile *O. mykiss* Outmigration Detections

In the spring of 2017, *O. mykiss* tagged in akskʷəkʷant (Inkaneep) and Shuttleworth creeks were detected in juvenile bypass facilities in the Columbia River (John Day Dam and Rocky Reach Dam).

Table B-3. Juvenile *O. mykiss* outmigration estimates by year from tributaries within the Canadian portion of the Okanagan Basin.

Tributary	2016	2017
akskʷəkʷant (Inkaneep Cr)	-	131 ± 136
Shuttleworth Cr	-	406 ± 254
Lower akłxʷmina? (Shingle Cr)	-	667 ± 885
Upper akłxʷmina? (Shingle Cr)	-	0
Shatford Cr	-	0

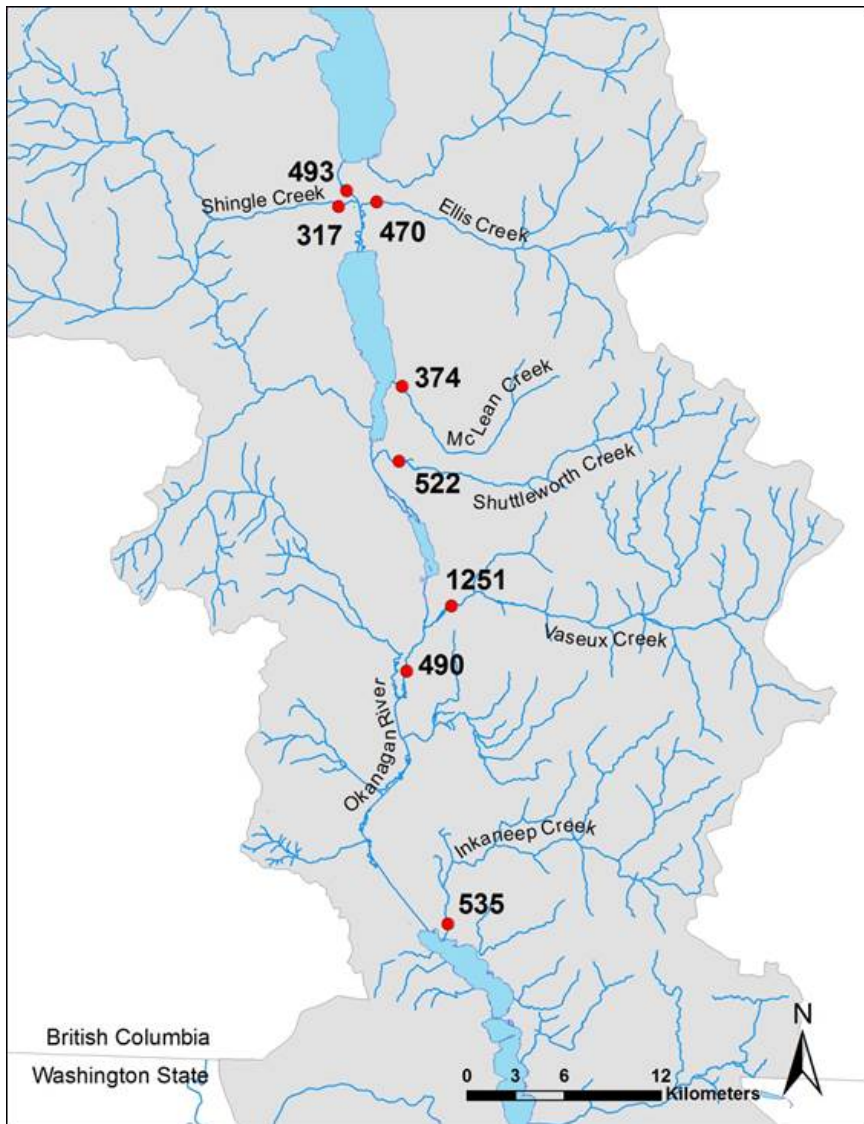


Figure of tributaries