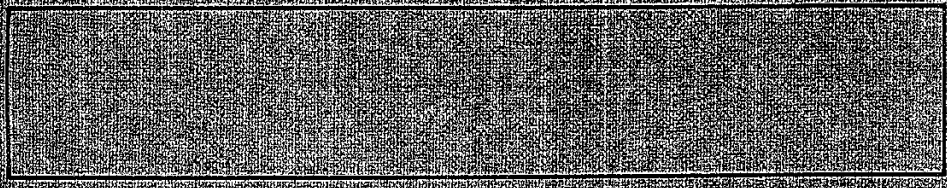


No. 557



DEPARTMENT OF THE INTERIOR, CANADA
DOMINION WATER POWER BRANCH



WATER RECORDS
appurtenant to
BRITISH COLUMBIA INDIAN RESERVES.
REPORT NUMBER 3
OKANAGAN INDIAN AGENCY
BY M. BALLS

R. G. SWAN
DISTRICT CHIEF ENGINEER

MEMORANDUM

Okanagan Agency - No. 3.

Report No. 557.

Surveys. Made during summer of 1920 by
M. Balls and provincial engineer
F. W. Knewstubb.

Report. Prepared during winter of 1920-21
by M. Balls and delivered to
R. G. Swan on June 6, 1921.

Formally filed with the Board of
Investigation at a meeting held at
Penticton on July 21, 1921.

For records proposed to be abandoned see
memo. of July 10, 1923, File 2543-WA.

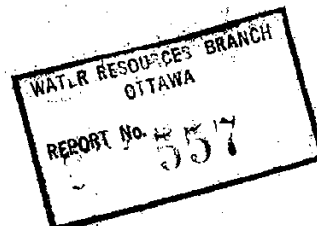
tion of the Board of Investigation under the B.C. Water Act.

In compiling the lists a careful search was made
of Provincial and Dominion Government records, also all
available official publications, minutes of decisions of
the various Indian Reserve Commissions and other documents
bearing on the subject. In cases where the Indian records
are dated subsequent to those of other water users on the
same stream, details of such prior records are given to
the extent of available information.

Appurtenant
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INTRODUCTION



The investigation of water rights appurtenant to Indian Reserves in the Province of British Columbia was undertaken by the Dominion Water Power Branch in September 1918, at the request of the Department of Indian Affairs.

All reserves directly affected lie within the "Dry Belt" and have been dealt with in the following order:-

Report No. 1---Lytton Indian Agency

" No. 2---Kamloops " "

" No. 3---Okanagan " "

" No. 4---Kootenay " "

" No. 5---Williams Lake " "

Recorded Rights

The reports included in this series contain lists of water records, allotments, or privileges, granted prior to 1909, for irrigation or domestic purposes upon the various reserves and which are subject to the adjudication of the Board of Investigation under the B.C. Water Act.

In compiling the lists a careful search was made of Provincial and Dominion Government records, also all available official publications, minutes of decisions of the various Indian Reserve Commissions and other documents bearing on the subject. In cases where the Indian records are dated subsequent to those of other water users on the same stream, details of such prior records are given to the extent of available information.

Field Reports

Under the headings of "Areas", "Water Supply" "Works", etc. information obtained on the ground, either by survey or inspection, concerning the extent of irrigable areas, utilization of water, condition of works, suggested improvements for water supply systems, etc. is briefly given.

For the information of the Board of Investigation and as a basis on which the domestic requirements may be determined, the population and number of stock on each reserve is quoted from the 1916 report of the Indian reserve Commission.

Summaries

Appended to each report is a summary of recorded rights and estimated water requirements for each reserve. By referring to this part of the report the salient points may be observed at a glance.

For the purpose of comparing the estimated requirement with the amount of water recorded, the quantities recorded in miners inches have been converted to the equivalent in acre feet over a period of 120 days. For example:-
Report No.3, Okanagan Agency--Page 30. Okanagan Indian Reserve No.1, Source-----"Siwash Creek"
Amount recorded is 100 miners inches---666 acre feet in 120 days. Total area irrigable from recorded source (Provided sufficient water is available.) is 494.1 acres.
Accepting the duty of water at 3 acre feet per season for each acre of irrigable land the requirements are shown to be roughly 1485 acre feet as against 666 acre feet recorded. In other words the amount recorded would provide 1.35 acre feet per acre of irrigable land, in a season of 120 days.

It will thus be readily observed under the column headed "Amount recorded in acre feet per acre or irrigable land" whether the amount recorded exceeds the requirements of the land, or otherwise as the case may be.

Plans

The plans which form a part of each report have been prepared from surveys made by engineers of the Dominion Water Power Branch and Provincial Water Rights Branch either separately or jointly. In a few cases where earlier surveys (prior to 1918) by the Provincial Government show that the requirements of the land would warrant the confirmation of appurtenant records, such information has been incorporated without further survey.

The plans show irrigated areas "cross-hatched" and irrigable areas "single-hatched" also location of streams, points of diversion, ditches, etc. and wherever possible the general topography is indicated.

The work of investigation has been carried on in close co-operation with the Provincial Water Rights Branch and information respecting Water Rights and surveys has been exchanged to the mutual benefit of both governments.

June 6, 1921. 23280 W

OKANAGAN AGENCY

Water Rights and Field Report

I N D E X

<u>Band or Group</u>	<u>Pages</u>
Okanagan.....	1----6
Osoyoos.....	7
Pentteton.....	8----11
Lower Similkameen.....	12----22
Upper Similkameen.....	23----28
Spallumcheen.....	29
Summary of recorded rights and estimated water requirements.....	30----31

June 6, 1921.

Reserve Okanagan No.1--- OKANAGAN (Area 25,539 acres)

Recorded Jan. 29th, 1897---100 inches of water from Siwash Creek
Rights " 100 inches of water from Six Mile Cr.
" 35 inches of water from Lewis Creek
" 150 inches of water from O'Keefe's Creek
" 75 inches of water from Whiteman's Cr.

(Provincial Records)

The Municipality of Spallumcheen, has permission to lay a pipe line underground across Reserve No.1 Indians to have a tap. Their water rights of 35 inches not to be interfered with. Municipality has $7\frac{1}{2}$ inches of water.

A list of water privileges submitted for record and published in the B.C. Gazette, June 20th, 1899.

200 inches from Thorn Creek (Aks-hua-huan-ke-klap) which discharges into the head of the Okanagan Lake---(O'Keefe's Creek)

100 inches from Round Woods Creek (Aks-in-ka-ka-lax) which is the first creek southwest from Thorn Creek on the west shore of the Okanagan Lake---(Lewis-Irish---Coyote)

100 inches from Gorge Creek (Nee-hut/ which is the creek next to Round Woods Creek southward, on the west side of Okanagan Lake

50 inches from Inconstant Creek (H-sis-su-la-uh) which is the creek next to Gorge Creek southward on the west shore of the Okanagan Lake

200 inches from Drowned Creek (Sin-sa-huh-tan) which is the creek next to Inconstant Creek southward, on the west shore of Okanagan Lake

100 inches from Cedar Creek (Na-as-kui-tak) which is the creek next to Drowned Creek southward, on the west shore of Okanagan Lake

150 inches from Bird Creek (H-hu-hle-nam) which is creek next to Cedar Creek southward on the west shore of the Okanagan Lake.

Prior Records Siwash (or Cedar) Creek-----None

Six Mile Creek (also known as "Tsin-klo-hoo-tan" "Sai-sa-huh-tan", "Drowned" and "Equesis")---
Dec. 20th, 1890---Lake View Irrig. Co., L. 509 & 510---1250 ac. ft.
(Many subsequent records)

Lewis Creek (also known as "Coyote", "Irish", "Round Woods" and "Aks-in-ka-pa-lax")
May 27th, 1893---1000 gals. per day (?)
Dec. 19th, 1893---S.W. $\frac{1}{4}$ --19, Tp. 7, 150 ac. ft.
(Several subsequent records)

O'Keefe's Creek (also known as "Otter River", "Meadow" Creek", "Thorn Creek" and "Aks-hua-huan-ke-klap")
Sep. 26, 1878---S.E. $\frac{1}{4}$ 17, & N.E. $\frac{1}{4}$ 8, Tp. 35,---
15 ac. ft. C.L. 1011.
Jne. 30, 1882---L. 95, 96 & 97---350 inches
Nov. 30th, 1885---S.E. $\frac{1}{4}$ 19, Tp. 35,---400 inches
Aug. 22nd, 1895---? ---200 inches
(One or more subsequent records)

Records on tributaries of O'Keefe's Creek:-

Steele's Springs:-

June 30th, 1882, L. 95, 96 & 97--150 inches
 July 5th, 1894, S.E. 1/4 25, Tp. 34 & S.W. 1/4
 30, Tp. 35----- 4 inches.
 April 29th, 1895, L. 96---15 inches
 Aug. 16th, 1906 Municipality--5000 gals.

Cedar Creek

Dec. 17th, 1896--500 gals. domestic

McFavish Creek

Apr. 18th, 1908, S.E. 1/4 31, Tp. 18, R. 9--
 1000 gals. C.L. 2070

Whiteman's Creek (also known as "Pack River" "Bird
 Creek" and "N-hu-mle-nam Creek") No prior
 records--several subsequent.

Areas	Irrigated	Additional Irrigable	Total Irrigable
Siwash Cr.	95.1	399.0	494.1
Six Mile Cr.	74.4	659.6	744.0
Inconstant & Gorge Cks)	----	145.2	145.2
Lewis Creek	8.1	266.3	274.4
O'Keefe's Cr.	----	1882.0	1882.0
Whiteman's (or Bird) Creek	128.6	437.4	566.0
Available sources un- known	----	1592.0	1592.0
	306.2	5391.5	5697.7

Water Supply

Siwash Creek---Discharge measured above ditch
 intakes on Oct. 31st, 1911---5.5 c.f.s.
Six Mile Creek---Discharge measured above ditch
 intakes on Nov. 4th, 1911-----7.5 c.f.s.
Lewis Creek ---Discharge measured above ditch
 intakes on Sep. 3rd, 1914-----0.6 c.f.s.
O'Keefe's Creek---No discharge data available.
 Prov. Engineer F.W. Knewstubb reports to the
 effect that the greater part of irrigable
 area at the north end and on the east side
 of Okanagan Lake could only be irrigated by
 pumping from the Creek or lake.
Whiteman's Creek---Discharge measured above
 ditch intakes on Oct. 12th, 1911---21 c.f.s.

Domestic Supply

Obtained from recorded sources and Okanagan Lake
 for about 200 persons and 500 head of cattle and
 horses

Works

Siwash Creek---Ditches & three intakes as indicated
 on plan. Intake for east side only, has a gate.
Six Mile Creek---Two ditches without headworks
Lewis Creek---Three ditches without headworks
O'Keefe's Creek---None
Whiteman's Creek ---Five ditches without headworks

Remarks

Prov. Water Rights surveys are authority for irrigated
 and irrigable areas, location of ditch intakes and
 stream measurement

PLAN

NO. I.

Reserve	Okanagan No. 7--DUCK LAKE (Area 457 acres)
Recorded Rights	?
Areas	Irrigated--- Not defined; variable Irrigable----542 acres (below intakes) About 60 acres additional on west side of outlet stream is good land but is situated too high to be irrigated from Woods Creek
Water Supply	Irrigation----Woods Creek, tributary to Duck Lake now named with outlet stream Vernon Creek Only enough water obtained during 1920 season to irrigate 3 acres Domestic-----Obtained from Creek, ditches and lake for 25 persons (estimated) and 50 cattle and horses (I.R.C. Report 1916)
Works	Ditches from Woods Creek as indicated on plan.
Agricultural Improvements	Houses, barns, orchards, cultivation, etc.
Remarks	Indians claim Okanagan Centre Company's pipe takes all water from Woods Creek and same is wasted flowing into Okanagan Lake Provincial Engineer F.W. Knewstubb notes--- "McDougall, a resident, states that he has lived on this Indian Reserve for forty years and water was in use prior to this, but that with increasing use by white the Indians' supply has decreased till they have great difficulty in obtaining any at times"
Plan	No. 2.

Reserve Okanagan No. 9--TSIENSTIKEPTUM (Area 2438 acres)

Recorded Rights I.R.C.--Oct. 19th, 1888--All water from Creek flowing into Okanagan Lake near western boundary of the reserve (Smith Creek)
 Prov. Record--Mar. 5th, 1901--200 inches of water from McDougall Creek
 (Application)--June 22nd, 1915--All water out of Reserve No. 9 Spring.
 (Riparian claim)--Feb. 27th, 1918--All water from springs (tributary to McDougall Creek)

Prior Records McDougall Creek
 Apr. 23rd, 1875--Lot 434, 600 ac. ft. C.L. 647
 Aug. 18th, 1900--Lot 2801, 400 ac. ft. C.L. 648
 Sep. 7th, 1900--Lot 505, 320 ac. ft. C.L. 649
 (Many subsequent records)

Areas Irrigated--Not closely defined; about 26 acres being irrigated by Chinamen on Indian Reserve from springs near West boundary of reserve, and about 60 acres from McDougall Creek when water is available.
 Irrigable--Total, 1620 acres.

Water Supply Springs near West Indian Reserve boundary, tributary to Smith Creek.--The flow from these springs was estimated to be from 15 to 20 miners inches on Aug. 19th, 1920 (sufficient to irrigate 30 to 40 acres of land) The possibility of utilizing water from Smith Creek for that part of the reserve adjoining Lot 434 and the lake shore was investigated and reported on by Engineer A.M. Phillips (see report dated Sept. 5th, 1919) It was found that a flume 8" x 12"--5000 feet long would be necessary to convey water to place of use. According to stream flow data available sufficient water could be relied upon for the irrigation of about 30 acres.
McDougall Creek --A very contentious stream which has been the subject of numerous investigations The flow of this stream is reported to sink entirely into the stream-bed about the end of June each year. From July 1st practically the only flow available comes from springs tributary to McDougall Creek which flow is claimed by Mr. Galletly under prior record dated April 23rd, 1875.

Domestic Supply The number of residents are not given separately for this reserve. Cattle and horses total 100 (I.R.C. Report 1916)

Works Ditches from springs as indicated on plan.

Agricultural Improvements Houses, barns, fences, orchards and cultivation in patches.

Reclamation

Dealt with in report by Mr. A.M. Phillips dated September 6th, 1919.

Notes

- (1) Prov. Engineer F.W. Knewstubb noted a flow of a few miners inches from Lot 805 onto the reserve which does not appear to be used.
- (2) According to Indian testimony the water from springs (claimed by Mr. Galletly) was used for irrigation and domestic purposes on the reserve prior to 1875.

Plan

No. 5.

Reserve	Okanagan No. 10----	(Area 800 acres)
Recorded Rights	I.R.C. Report p. 723--Oct. 19, 1888--25 inches from Creek flowing into Okanagan Lake near the northern boundary of the reserve. Prov. Record--Mar. 5th, 1901--50 inches of water from Keefe Creek	
Prior Records	None	
Areas	Irrigated--about 60 acres (not closely defined) Total irrigable--410 acres (110 acres good bottom land, 300 acres good bench land)	
Water Supply	Irrigation--Keefe Creek; available flow is in- sufficient for irrigation requirements. Domestic--Obtained from Creek and ditches for 10 persons and 40 head of horses and cattle (estimated)	
Works	Short ditches to supply low lying meadows. Indians use R.A. Pease's ditch for irrigation on certain days by arrangement.	
Agricultural Improvements	Houses, barns, fences, small orchards and patches of cultivation	
Remarks	Indians claim that further development of land is prevented by lack of water. It would be possible to raise James' dam on Keefe Creek but it is doubtful if it would provide any more water as the total flow is now utilized. The Western Okanagan Irrigation Company propose to store waters of Bear Creek and to flume same down to the Company's lands lying southwest of the Indian reserve. The proposed flume will pass within one mile of the western boundary of the reserve. Should this project be carried out it may be possible to negotiate with the Company for a supply of water to irrigate the upper benches which are situated too high to be irri- gated from Keefe Creek.	
Plan	No. 4.	

Reserve Osoyoos No. 1--OSOYOOS (Area 32,097 acres)

Recorded Rights Prov. Record, Jan. 30th, 1897--50 inches of water from A-tsi-klak Creek
 " Feb. 1st, 1897--100 inches of water from Wolf Creek
 " Feb. 1st, 1897--300 inches of water from Gregoire (Incaneep) Creek

NOTE:--These water privileges were submitted for record and published in the B.C. Gazette of 20th June, 1889

Prior Records A-tsi-klak Creek-----None
Wolf Creek-----July 21st, 1896 for Lot 44 (?)
 (One or more subsequent records)
Gregoire Creek and tributaries:-
McCuddy Creek (trib.) July 5th, 1894 for Lot 669
 750 ac. ft. C.L. 775
 (Several subsequent records on Gregoire Creek and tributaries)

Areas Irrigated---A-tsi-klak Creek---About 16 to 18 acres when water is available
Wolf Creek-----55.5 acres
Gregoire Creek-----277 acres (in 1911)

Irrigable---Not ascertained separately for each stream; 2500 acres estimated to be irrigable from Wolf Creek if water were available.

Total irrigable area on reserve-----8768 acres

Water Supply A-tsi-klak Creek---A limited quantity is obtained for area under irrigation. (These springs were very small when visited by Prov. Engineer F.W. Knewstubb on Aug. 11th, 1920)
Wolf Creek---An unreliable source of supply for irrigation. Stream is reported to sink into gravel and reappear at certain points, or during the night only.
Gregoire Creek---"A good deal of the water of this creek sinks about the highest Indian intake. Considering its value in this locality there should be a possibility of obviating a good deal of loss by fluming or lining across the part where greatest loss occurs" (Prov Engineer Knewstubb)

Domestic Supply Obtained from recorded sources for 70 persons and 900 to 1000 head of cattle and horses (L.R.C. Report 1916)

Works Ditches and intakes as indicated on plan

Agricultural Improvements Houses, barns, fences, orchards, gardens and cultivation

Remarks Provincial Water Rights plans and reports are authority for irrigated and irrigable areas, location of ditches, water supply, etc.

Plan No. 5.

Reserve	Pentticton No. 1---Pentticton (Area 47,829 acres)
Recorded Rights	Prev. Record, Jan. 29th, 1897--100 inches of water from Trout Creek " Jan. 29th, 1897--100 inches of water from Snake (or Beaver) creek " Feb. 1st, 1897--60 inches of water from Marron Creek Water privileges submitted for record and published in the B. C. Gazette, June 20th, 1899. 500 inches from Trout Creek 500 inches from Snake Creek 100 inches from Marron Creek
Prior Records	<u>Trout Creek</u>:- Dec. 18th, 1888 for Lot 508 Apr. 9th, 1890 for Lot 488 Dec. 20th, 1890 for Lot 441 Dec. 11th, 1891 for Lot 474 (About 23 subsequent records) <u>Snake Creek</u>:- None prior, many subsequent <u>Marron Creek & Lakes</u>:- Nov. 5th, 1891--Kaleden--300 inches Jan. 29th, 1897--Kaleden--300 inches (Many subsequent records)
Areas	Irrigated--defined approximately on plan Irrigable--5076 acres <u>NOTE</u>:- FOR description of irrigable areas and plan references see pages 9 and 10
Water Supply	<u>Irrigation</u>--The main source of supply is Snake Creek and tributaries; very little water is available after middle of July. Sheep Creek, a tributary of Snake Creek, has a discharge of about 5 c.f.s. in the middle of July which decreases to about 0.5 c.f.s. by middle of August. Indians irrigate about 64 acres with water conveyed by the Kaleden ditch from Sheep Creek Trout Creek was formerly used for irrigation of patches on low flat near mouth of creek <u>Domestic</u>---Population 170 persons Stock 500 head (estimated)
Works	Ditches from Snake Creek and tributaries as indicated on plan
Remarks	Provincial Water Rights survey is authority for irrigated and irrigable areas, intake locations and descriptive notes on pages 9 & 10
Plan	No. 6.

PENTICTON INDIAN RESERVE NO. 1

9.

Lands under SHEEP, SHINGLE (SNAKE), MARRON & TROUT CREEKS

Ref.	Area (Acs)	Descriptive Notes
A	53	Fair sage bench on area proposed cut off
B	82	Good " " " " " " " "
C	27	Fair " " " " " " " "
D	152	Low lying land, irrigation probably not necessary generally. Partly on proposed cutoff
F	880	Rolling and gravelly in parts, generally open. Only a percentage of this is irrigable land; partly on proposed cutoff.
G	30)	Fairly high benches south of Shingle Creek Sage and open pine. Ditch probably feasible from Shingle Creek but perhaps not economically so for hay lands
H	37)	
J	1260	Area round Indian village and extending to River and Dog Lake. Fairly level, parts irrigated (not defined) Part swampy hay land and part bush.
K	38	Consists of high open bench irrigation would be difficult
L.	48	Good bench, patch irrigated, but only small quantity of water available from creek shown
M	27	Small bench on which some attempt at cultivation has been made but no water usually available.
N	172	Fairly good bench land part rolling but water difficult to obtain
N-1	19	
N-2	11	
O	68	High sage bench, sometimes a small quantity of water available but very uncertain
Q	196	This appears to be a fairly good bench, partly open pine, partly clear
R	40)	Narrow open benches (sage)
S		
T	106	Narrow open benches (sage). For Q.R.S. & T Water supply would be difficult to obtain

Carried
Forward 3370 acres.

Ref.	Area	Descriptive Notes
Forward----	3370	
U	3)	
V	10)	
W	12)	
X	20)	These lands all lie near the Kaleden ditch and some 64 acres (approx) are irrigated therefrom as shown. Of the remainder some 60 acres could hardly be irrigated from the ditch as constructed.
Y	60)	
Z	3)	
A	40)	
B	93)	
C	360	Consists of bottom land and patches sage bench and bush. There is a ditch as indicated for irrigating a few acres hay land from Shatford Creek
C-1	27	
D	64	Bench (open) on which small patch at north end is irrigated from Shingle Creek
E	12)	Open pine benches probably irrigable from Shingle Creek but requiring trestle flume or pressure pipe
F	128)	
G	372	Generally level open flat of which a part has been irrigated (175 acres in 1913--Macintosh report) very little irrigated at present.
H	300	Roughly estimated; fair pine bench but to irrigate would probably require fairly long pressure pipe and is probably not feasible. This question was not gone into.
I	10	
J	192	
Total		
Irrigable----	5076 acres	

Reserve Penttiston No. 3A----- (Area 350 ac)
 (Lot 3217, G.1, Osoyoos District of Yale)
 Received in exchange for Reserve No. 3

Recorded Rights Provincial Water Record No. 1017 dated Oct. 14th,
 1904 in name of W. Ritchie, Jr. 300 inches of
 water from Spring Creek

Prior Records None

Area Irrigable----- ---132 acres

Water Supply "Careful enquiries were made of the Indians as
 to location of Spring Creek but they seemed
 entirely unacquainted with it as such. The
 only source of water they knew of as likely
 is a small spring freshet west or southwest
 of Reserve No. 3A Diversion point stated as
 "5 or 6 miles above said Lot" (Note by Prov.
 Engineer, Knewstubb)

Domestic Supply--No residents or stock. This
 reserve is used as part of I.R. No. 1.

Remarks Irrigable area surveyed by Prov. Engineer Knewstubb

Plan No. 6.

Reserve	Lower Similkameen No.3-----	(Area 1750 aas)
Recorded Rights	?	
Areas	(West of Similkameen River only):- Irrigable-----112 acres; bottom land partly irrigated <u>120 acres</u> ; low sage bench Total Irrigable W. side --232 acres	
Water Supply	<u>Susap Creek</u> --part of bottom land is irrigated from this source, although no water rights have been recorded. This stream carries a plentiful supply.	
Works	Ditch from Susap Creek used also for Reserve No.5. A higher ditch would be required to irrigate bench of 120 acres	
Remarks	Provincial Water Rights plan is authority for irrigable areas. As no rights have been recorded, and no water is known to be available for land east of the Similkameen River this part of the reserve has not been dealt with	
Plan	No.7.	

Reserve	Lower Similkameen No. 4---NARCISSE'S FARM (Area 1854 acres)
Recorded Rights	I.R.C. Oct. 30th, 1888--10 inches of water from creek flowing from west through centre of reserve Prov. Record, Jan. 30th, 1897--40 inches of water from Sintlehahtan Creek B.C. Gazette, June 20th, 1889--20 inches of water from Sintlehahtan Creek
Prior Records	None
Areas	Irrigated-----Patches not defined Total Irrigable-----325 acres
Water Supply	A small quantity is obtained for irrigation and domestic purposes from the streams (two) indicated on plan
Works	Short ditches
Remarks	Population---12 persons } I.R.C. Report 1916. Stock-----164 head }
Plan	No. 7.

Reserve Lower Similkameen No. 5--JOE NAHUMCHEEN
(Area 1278 acres)

Recorded Rights I.R.C. Oct. 30th, 1888--10 inches of water from a small creek flowing through the reserve.
B.C. Gazette, June 20th, 1889--10 inches from springs at the back of Joe Nahumcheen's farm
B.C. Gazette, June 20th, 1889--500 inches to be taken from the Similkameen River
Prov. Record, Jan. 30th, 1897--10 inches to be taken from spring at back of Joe Nahumcheen's house and farm.
Prov. Record, Jan. 30th, 1897--100 inches from Similkameen River

Prior Records Springs-----None

Areas	Irrigated	Additional Irrigable	Total Irrigable
EAST side	7 acres	666 acres	673 acres
WEST side about 70 "	"	271 "	341 "
Totals	77 "	937 "	1014 "

Water Supply East Side--- Only very meagre supply available from springs, barely sufficient for orchard and domestic use. (Flow estimated to be 5 miners ins. when visited 9-7-20)
West Side--- Plentiful supply available in Susap Creek. Indians' ditch was carrying 6 to 8 c.f.s. on date of visit. No water rights have been recorded.
Similkameen River---Not utilized.
"The use of this record by gravity does not seem feasible to me, at any rate for the bench land, and the low land hardly needs it. Several miles of ditch with Right-of-Way through valuable land would be required" (Note by Provincial Engineer F. W. Knewstubb)

Domestic Requirements---From all sources on the reserve for 17 persons and 110 horses and cattle (I.R.C. Report 1913)

Remarks Irrigable area west of river is bottomland and includes irrigated meadows. Irrigable area east of river includes 382 acres bottomland and 285 acres sage flat.
This reserve was surveyed by Prov. Water Rights Engineer O. J. Berquist in 1911 and his map is data for acreage estimate.

Plan No. 7.

Reserve	Lower Similkameen No.6--BLIND CREEK (Area 400ac)
Recorded Rights	I.R.C.Oct.30th,1888--The unappropriated water of Blind and Causton Creeks is assigned to the use of the Indians.
Prior Records	?
Areas	Irrigated-----38 acres, when water is available Additional Irrigable----214 acres Total Irrigable-----252 acres
Water Supply	<u>Blind Creek</u> ---Only a very meagre flow is available from this source. The discharge on July 9th, 1921, was estimated to be 0.2 c.f.s. This small flow is used to good advantage for production of fruit and vegetables. <u>Domestic Supply</u> ---From ditches and Creek for 20 persons and 360 horses and cattle. (I.R.C.Report 1916)
Works	Ditch in fairly good condition
Agricultural Improvements	Modern house, barn and out buildings, fences, orchards, cultivation, etc.
Reclamation	All land shown as irrigable has good soil and would be very valuable if served with water. Indians are cultivating all land for which they can obtain water.
Remarks	The use of water from Blind Creek has been the cause of considerable friction between the Indians and a prior record holder. Indians insist that their rights are prior to all others whether such rights have been recorded or not. This claim they apparently make good by taking and using what little water there is.
Plan	No. 8.

Reserve	Lower Similkameen Nos. 7 & 8--SKEMEOSKUANKIN (Area 3800 acres)
Recorded Rights	Prov. Record, Jan. 30th, 1897--100 inches of water from Skemeoskuankin Creek B.C. Gazette, (June 20th, 1889)--200 inches of water from Skum-kam-ske-nos-skis-tan Creek
Prior Records	None
Areas	Irrigated----- 221.5 acres Additional Irrigable-----2883.0 " Total irrigable-----3104.5 "
Water Supply	<u>Irrigation--Skemeoskuankin</u> (or Wilmington) Creek The Indians were diverting 6 to 8 c.f.s. on July 23rd, 1920. This stream apparently carries sufficient water to irrigate the greater part of the reserve. <u>Shandy Creek</u> Only a very limited supply available. Indians were diverting about 0.5 c.f.s. at time of visit <u>Domestic</u> --Obtained from sources on reserve for 55 residents (I.R.C. 1916 Report) and 400 horses and cattle)
Works	Ditches and intakes as indicated on plan
Remarks	"A good deal of the bottom land appears fairly dry, but is doubtless sub-irrigated, and unless at exceptional times, requires very little irrigation" (Note by Prov. Engineer Knewstubb) Provincial Water Rights survey is authority for irrigated and irrigable areas, position of ditch intakes, etc.
Plan	No. 9.

Reserve Lower Similkameen No.9--ALBIS (Area 429 acres)
Recorded Rights Prov. Record, Jan. 30th, 1897--100 inches of water
 from Achegheptlat Creek
 B.C. Gazette, (June 20th, 1889)--100 inches of
 water from Achegheptlat Creek
Prior Records None (One or more subsequent records)
Areas Irrigated-----57 acres
 Additional Irrigable-112 acres under present intake
26 acres above present intake
 Total Irrigable-----175 acres
Water Supply Irrigation---Achegheptlat (or Thom) Creek;
 estimated flow on May 18th, 1912, 10 c.f.s.
 Domestic-----Obtained from River, Creek and
 ditches for 7 residents and about 250 horses
 and cattle (L.R.C. Report)
Works Earth ditches in good condition
Remarks "Intake is not taken high enough up-stream to cover
 an irrigable bench of 26 acres which would be
 covered if ditch were taken out at mouth of
 Canyon.
 "There is an intake provided on the Keremeos Land
 Company's ditch from Ashnola River, from which
 this land may be served if the creek dries up at
 its lower end" (Note by Prov. Engineer O.J. Bergoust)
 This reserve was surveyed by the Provincial Water
 Rights Branch in May, 1912. Provincial plan and
 Engineer's Report are authority for irrigated
 and irrigable areas, location of ditches, etc.
Plan No. 10.

Reserve Lower Similkameen No.10--ASHNOLA (Area 4153 ac.)

Recorded Rights B.C.Gazette, June 20th, 1889--50 inches from Jim's Creek, which waters Thomas' farm, right bank of the Similkameen River, below the Ashnola River
 B.C.Gazette, June 20th, 1889--500 inches from Ashnola River
 Prov. Record, Jan.30th, 1897--100 inches from Ashnola River.
 Prov. Record, Jan.30th, 1897-- 50 inches from Jim's Creek

Prior Records Ashnola River-----None (Ashnola Land Co's record is dated Jan.26th, 1906)

Jim's Creek-----None

Areas	Irrigated	Additional Irrigable	Total Irrigable
Creek N.W. corner I.R.	17.2 acres	74.4 acres	9.6 acres
Ashnola R.	Not defined	----	<u>963.2 acres</u>
Total			1054.8 acres

Water Supply Irrigation---The creek near the N.W. corner of the reserve carried about 15 c.f.s. when visited on July 15th, 1920. An ample supply should be available throughout the season for land on that part of the reserve.
Ashnola River---Plentiful supply available for all irrigable land.
Jim's Creek---This creek is probably the small stream which flows through Reserve No.10B

Domestic----Obtained from River, streams on reserve and ditches for 22 persons and 230 cattle and Horses. (I.R.C. Report 1916 for Res. 10, 10A & 10B)

Works Earth ditches and short flumes in fair condition, ditches require clearing of gravel in places

Agricultural Improvements Houses, barns, fences, orchards, cultivation, etc.

Remarks Land adjoining the Ashnola River between the two upper intakes is of indifferent quality and is rocky in patches. Probably 65% of irrigable tract of 610 acres can be cultivated, remainder would make good pasture if watered.

Plan No.11.

Reserve	Lower Similkameen No.10A-----	(Area 3360 acres)
Recorded Rights	?	
Areas	Irrigated-----	54.4 acres
	Additional Irrigable-	<u>11.0 acres</u>
	Total Irrigable-----	65.4 acres
Water Supply	Stream flowing through reserve---discharge estimated at 15 c.f.s. on July 15th, 1920. No water rights recorded; plentiful supply available.	
Works	Earth ditch in good condition.	
Remarks	Cultivated land is river flat with good soil. Remainder of reserve is mountainous and of little value except for grazing purposes.	
Plan	No.12.	

Reserve	Lower Similkameen No.10B-----	(Area 350 acres)
Recorded Rights	?	
Areas	Irrigated-----none recently Total irrigable-----33 acres	
Water Supply	Small creek flowing through reserve which the Indians claim to have made use of at times	
Works	Earth ditch--approximate position shown on plan	
Remarks	The small creek on this reserve may be the stream referred to as Jim's creek (See description under Reserve No.10)	
Plan	No.11	

Reserve Lower Similkameen No. 11--"ASHNOLA JOHN'S"
 (Area 885 acres)

Recorded Rights Jan. 30th, 1897---100 inches from Sinthutsepaskan Ck.
 B.C. Gazette, June 20th, 1889---200 inches from
 Sinthutsepaskan Creek

Prior Records Apparently none

Areas Irrigated-----64.4 acres
 Additional Irrig'bl- 225.0 acres
 Total Irrigable-----289.4 acres

Water Supply Irrigation---A limited flow is obtained from a
 small stream which flows through the northern
 portion of the reserve, probably referred to as
 Sinthutsepaskan Creek (Discharge estimated at
 1 c.f.s. July 10th, 1920)
 The small creek to the south has evidently been
 used for irrigating a tract of 6.4 acres al-
 though this source was dry when visited.

Domestic---Obtained from Creeks and ditches for
 5 persons (I.R.C. Report 1916, Table C)
 700 to 800 cattle & horses (I.R.C. Report 1916
 Table B)
 225 cattle & horses (I.R.C. Report 1916, Table C)

Works Earth ditches in fair condition

Plan No. 12.

Reserve Lower Similkameen Nos. 12 & 12A-----
 (Areas; Reserve No. 12-----150.00 acres)
 No. 12A-----1130.00 acres)

Recorded Rights Riparian claim filed May 3rd, 1920.

Areas Irrigated-----26.5 acres
 Additional Irrigable--63.0 acres
 Total Irrigable-----89.5 acres

Water Supply Irrigation -----Keremeos Creek ---Estimated flow
 of 2 1/2 c.f.s. was being diverted into the
 Indians' ditch on Aug. 7th, 1920.
Creek from Long Lake---Small supply obtained when
 water is available---creek dry when visited
Spring---Flow of 0.25 c.f.s. diverted on date
 of visit.
 "The water is all used close to Keremeos Creek
 so that excess probably finds its way back into
 the Creek" (Note by Prov. Engineer Knewstubb)

Domestic---Obtained from creeks and ditches for
 6 persons, 25 horses and 40 cattle (I.R.C.
 Report, 1916)

Remarks Provincial Water Rights Survey (1911) is authority
 for irrigated and irrigable areas, location
 of ditch intakes, etc.

Plan No. 13.

Reserve Upper Similkameen No. 2----CHUCHUWAYHA
(Area 4,493 acres)

Recorded Rights Prov. Record, Jan. 30th, 1897--200 inches from
Similkameen River
" " " 100 inches from
20-Mile Creek
" " " 100 inches from
N-kan-sit-ko, Akspe-
patsin and Chu-
chuwayha Creeks
" " " 100 inches from
Nkamahinat Creek

A list of water privileges submitted for record
and published in the
B.C. Gazette, June 20th, 1889--300 inches from
Similkameen River
500 inches from 20-Mile Creek (Ats-ta-kysh-hi-nam)
300 inches from N-kan-sit-ko creek
25 inches from Chuchwayha Creek
200 inches from N-kan-a-hi-mat-ko Creek

Areas Irrigated-----406 acres
Additional Irrigable-----401 acres
Total Irrigable-----807 acres

41 acres additional irrigable on I.R. No. 28

(For descriptive notes and map references see page 25)

Water Supply 20 Mile Creek---Not used by Indians. Although
there is apparently a plentiful supply of
water available, the difficulties and expense
of constructing a flume to serve bench lands
would be considerable.

N-kan-sit-ko, Akspepatsin and Chuchwayha Creeks
These sources are used to the extent of avail-
able supply which is insufficient to meet
requirements during dry season

N-kan-a-hi-mat-ko Creek ---Only a limited supply
is obtainable after July

Similkameen River---Water is obtained for irriga-
tion of two flats (104 acres) from Daly Reduction
Co's power flume through two outlets
Intake on North bank near West boundary has not
been in use for some time and ditch is in
disrepair

Domestic Supply---Obtained from river, creeks and
ditches for 32 persons and 300 cattle and
horses (I.R.C. report 1916)

Works

Earth ditches from streams south of 20-Mile Creek on the north bank of Similkameen River in fair condition--grades are steep in places. Outlets from power flume and ditches on south bank in good condition.

Remarks

Areas served from Daly Reduction Co's flume are reported by Provincial Engineer Knewstubb to be irrigated by Chinamen.

Plan

No. 14

Upper Similkameen Indian Reserves Nos. 2 and 2B

Irrigated and Irrigable Areas

Map Reference	Area	Descriptive Notes
A	242 acres	Generally open and fairly good bench land, probably irrigable from 20-Mile Creek
B	42 "	
C	27 "	
D	170 "	Low flats of good soil-----major portions under irrigation
E	132 "	
F	8 "	Good low lying land irrigable from N-ham-a-hi-mat-ho Creek
G	70 "	Low flat, part open, remainder in bush, could be irrigated by building flume from overflow at Power House. Ground to be traversed is strewn with huge boulders---flume construction would be difficult
H	54 "	Low flats---splendid soil irrigated from power flume
I	50 "	
J	39 "	Fairly good flat---about 15 acres could be irrigated with additional outlet from power flume
K (I.R.No.2B)	41 "	About 20 acres low flat, remainder bench---probably irrigable from small stream to southward if sufficient water is available
Total	875 acres	

Reserve	Upper Similkameen No. 3--WOLF CREEK (Area 518 acres)
Recorded Rights	B.C. Gazette, June 20th, 1889) 100 inches of Prov. Record Jan. 20th, 1897) water from Official Schedule 1913, p. 106) Wolf Creek.
Prior Rights	None
Area	Irrigable-----92 acres (estimated acreage under proposed intake)
Water Supply	<u>Wolf Creek</u> ---Plentiful supply available. Estimated flow of 30 c.f.s. July 9th, 1912.
Works	None
Remarks	Provincial Water Rights survey of July 9th, 1912. is authority for irrigable area and estimated stream discharge.
Plan	No. 15

Reserve	Upper Similkameen No.4--NINE MILE CREEK (Area 198 acres)
Recorded Rights	B.C. Gazette, June 20th, 1889---100 inches of water from Nine Mile Creek Prov. Record Jan. 30th, 1897--- 30 inches of Official Sch) water from Nine Mile Creek 1913 p.106.)
Prior Rights	None
Areas	Irrigated-----60 acres (partly) Add'l. Irrigable-----22 acres Total Irrigable-----82 acres, under present intake
Water Supply	<u>Irrigation</u> --- <u>Nine Mile Creek</u> ---Stream carried a flow of 40 miners inches on July 8th, 1912. <u>Domestic</u> -----Obtained from Creek and ditch for 5 persons and 64 head of stock (I.R.C. Report 1916)
Remarks	"The greater portion of hay field (60 acres) is sub-irrigated. Ditch supplies domestic use and possibly 5 acres of orchard and mixed gardening" (Note by Provincial Engineer C. J. Bergoust) Provincial Water Rights survey of July 8th, 1912, is authority for irrigated and irrigable area, location of ditch intake, etc.
Plan	No. 16.

Reserve	Upper Similkameen No. 5--LULU (Area 50 acres)
Recorded Rights	B.C. Gazette, June 20th, 1889) 100 inches of Prov. Record, Jan. 29th, 1897) water from Official Schedule 1913, p. 106) Lu-la-u-la-uh Creek
Prior Rights	?
Areas	Irrigated-----10 acres Additional Irrigable-----14 acres Total Irrigable-----24 acres (under present intake)
Water Supply	<u>Lu-la-u-la-uh Creek</u> ---Available flow is ample to supply all irrigable land on reserve. (Estimated flow of 2.5 c.f.s. on 28th, July 1912) Domestic Supply is obtained from Creek and ditch for about 10 persons and 15 head of horses and cattle.
Works	Earth ditch in good condition
Agricultural Improvements	Houses, barn, fences, gardens, orchards and cultivation
Remarks	A garden of 1.5 acres is cultivated and irrigated by the Indians on Lot 3105 Provincial Water Rights survey of July 28th, 1912. is authority for irrigated and irrigable areas and position of ditch intake
Plan	No. 17.

Reserve Spallumcheen No.1--SALMON RIVER (Area 3,853 acs)

Recorded Rights Riparian claim filed with Govt. Agent, Vernon, B.C. May 5th, 1929, for sufficient water for domestic use from the stream in the Northeast corner of the reserve.

Prior Records Nov.14th, 1884--300 inches--Lot 48, C.1.
(D.Matheson) confirmed by
License No.0000

Irrigable Area 1360 acres

Water Supply The stream referred to is reported to sink beneath the surface when it reaches the slide and boulders near the N.W. corner of Lot 48, excepting during times of freshet. The Indians claim to have made use of the water of this stream, when available, from time immemorial until Mr. Matheson took over Lot 48, and appropriated all the water.

Residents	-----158	} I.R.C. report 1916.
Horses & Cattle	-----400 (Indians estimate)	
" "	260 (Agent's estimate)	

Works Earth ditch

Plan No. 18.

Quantity in inches per foot	Equivalent in feet	Stream	Date	Remarks
	120 days			
11	7	Unappropriated water of Blind & Caustic cks. is assigned to the use of the Indians	Oct. 30/88	I.R.C.
00	666	Skon-cookunakin Creek	Jan. 20/97	Prov. Record
00	1332	Skun-han-ske-nos-shis-tan Creek	Jan. 20/89	B.C. Gazette
00	666	Achegheptlat Creek	Jan. 20/97	Prov. Record
00	666	do	Jan. 20/89	B.C. Gazette
00	333	Jim's Creek	Jan. 20/97	Prov. Record
00	666	Ashnola River	Jan. 20/97	Prov. Record
00	333	Jim's Creek	Jan. 20/89	B.C. Gazette
00	3332	Ashnola River	Jan. 20/89	B.C. Gazette
recorded rights				
recorded rights				
00	333	Sintahatsepaskan Creek	Jan. 20/97	Prov. Record
00	666	do	Jan. 20/89	B.C. Gazette
		Riparian Claim Filed	May 2/80	
No water records				
0	1332	Similkameen River	Jan. 20/97	Pro vincial Records
0	666	20 Mile Creek	"	
0	666	H-kon-set-ko, Akapopetain and Chuchwayha C.	"	
0	666	Khamahint Creek	"	
0	1992	Similkameen River		
0	3332	20 Mile Creek (Ais-ta-hysh-hi-nam)	B. C.	B.C. Gazette
0	1999	H-kon-set-ko creek	Jan. 20/89	
0	1999	Aks-pe-pats-in Creek)	Gazette	
0	167	Chuchwayha Creek)		
0	1332	H-kon-a-hi-mat-ko Creek)		
	666	Wolf Creek	Jan. 20/89	B.C. Gazette
			Jan. 20/97	Prov. Record
			O.S. 1912	Page 106
0	200	Nine Mile Creek	Jan. 20/97	Prov. Record
0	666	do	Jan. 20/89	B.C. Gazette
0	666	A-la-n-la-uh Creek	Jan. 20/89	B.C. Gazette
No water records				
			Jan. 20/97	Prov. Record
an claim for sufficient water for domestic use from the as in the North East corner of the Reserve (May 5th, 1920)				
No water records				

OKANAGAN AGENCY								
RESERVE	Area	Irrigated Acres	Irrigable Acres	Total Irrigable	Est. water requirement - ac-ft.	Est. recd. in ac-ft. per ac. of irrigable land	Quantity in minora ins. acc.	Ad.
<u>Lower Similkameen Cont'd)</u>								
No. 6 Blind C.	400	38	214	252	755 @ 3	?	111	1
No. 7 & 8 Skemeoskushkin	3800	221.5	2385.0	3104.5	9315 @ 3	0.21	100	64
No. 9 Alexis	427	57.0	138.0	175.0	525 @ 3	3.3	200	123
No. 10 Ashnola	4153	?	?	1054.0	2165 @ 3	0.25	100	64
							100	64
							50	22
							500	253
No. 10a	3360	54.4	11.0	65.4	198 @ 3		No recorded ri	
No. 10b	380		53.0	53.0	99 @ 3		No recorded ri	
No. 11 Ashnola John's	4153	64.4	325.0	239.4	370 @ 3	1.2	100	34
							200	64
No. 12	1801							
No. 12a	11201	26.5	53.0	59.5	265 @ 3	?		
<u>Upper Similkameen</u>								
No. 1 Vermillion Forks					Not dealt with			No
No. 2 Chuchuwahya	4492	405.0	401.0	607.0	2421 @ 3	4.1	200	134
							100	64
							100	64
							100	64
							500	199
							500	202
							500	199
							200	199
							25	14
							200	133
No. 3 Wolf Ck.	518		92.0	92.0	276 @ 3	7.2	100	64
No. 4 Nine Mile Ck.	199	60.0	22.0	82.0	246 @ 3	2.4	50	20
							100	64
No. 5 Lulu	50	10.0	14.0	24.0	72 @ 3	28.0	100	64
No. 6 ---					Not dealt with			No
No. 7 - Iltecola								
<u>Spallumcheen</u>								
No. 1 Salmon	3353		1260.0	1260.0	4080 @ 3	?	Riparian claim & streams in the	
No. 2 Enderby								
No. - Graveyard					Not dealt with			No
No. 3 Sicomous								

Qty.	Equivalent in ins. acre-feet	STREAM	Date	Remarks
	120 days			
0	666	Siwash Creek	Jan. 29/97	
0	666	Six Mile Creek	"	
5	233	Lewis Creek	"	Provincial
0	1000	O'Keefe's Creek	"	Records
5	500	Whiteman's Creek	"	
0	1333	Thorn Creek (Aks-kua-huan-ke-hlapo)		
0	666	Round Woods Creek		
0	666	Gorge Creek		
9	333	Inconstant Creek		
0	1333	Drowend Creek		B.C. Gazette
0	666	Cedar Creek		June 20, 1889
0	1000	Bird Creek		
	-	Available source of supply unknown		
er Records				
	?	?		
er Records				
	?	Water from creek flowing into Okanagan Lake, near west boundary of Reserve (Smith Creek)	Oct. 19/88	I.R.C. Allotment
	1333	McDougall Creek	Mar. 5/01	Prov. Record
	?	Water from Reserve No. 9 Spring	Jne. 22/15	(Application)
	?	Springs (tributary to McDougall Creek)	Feb. 27/18	(Riparian claim)
	167	Creek flowing into Okanagan Lake near western boundary of the Reserve	Oct. 19/88	I.R.C. report
	333	Keeffe Creek	Mar. 5/01	Prev. record
	333	A-toi-hlak Creek	Jan. 30/97	
	666	Woep Creek	Feb. 1/97	Prev. records
	1999	Gregoire (Incanseep) Creek	Feb. 1/97	
er Records				
	666	Trout Creek	Jan. 29/97	
	666	Quake (or Beaver) Creek	Jan. 29/97	Prov. records
	400	Marron Creek	Feb. 1/97	
	1999	Trout Creek	(Submitted for record and pub- lished in B.C. Gazette Jne. 20/89)	
	3.32	Quake Creek		
	666	Marron Creek		
er Records				
	1999	Spring Creek (W.R.-1017----- in name of W. Ritchie, Jr.)	Oct. 14/04)	Provincial record
er Records				
	-	Irrigable area given for west side of res- erve only. No recorded rights	Oct. 30/88	I.R.C.
	67	Creek flowing from west through centre of		
	266	Sintlehahtan Creek	Jan. 30/97	Prev. Record
	133	Sintlehahtan Creek	Jne. 20/89	B.C. Gazette
	67	Small creek flowing through reserve	Oct. 30/88	I.R.C.
	67	Springs back of Joe Nahameheen's farm	Jne. 20/89	B.C. Gazette
	3332	Similkameen River	Jne. 20/89	
	67	Spring back of Joe Nahameheen's farm	Jan. 30/97	
	666	Similkameen River	Jan. 30/97	Provincial Record

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OKANAGAN AGENCY

Reserve	Area	Irrigated Acres	Irrigable Acres	Total Irrigable	Est. Water require- ment acre-feet	Ant. reqd. tain. ac. ft. per acre of irri-ble land	Quantity in miners ins.	Equiv in acre-
<u>Okanagan</u>								120
No. 1 Okanagan	25539	95.1 74.4 8.1 128.6	399.0 669.6 266.3 437.4	494.1 774.0 274.4 566.0	1485 @ 3 2232 @ 3 825 @ 3 1698 @ 3	1.35 0.9 0.35 0.52 0.88	100 100 35 150 75	66 66 23 100 50
							200 100 100 50 200 100 150	133 66 66 23 133 66 100
			145.2	145.2	436 @ 3	6.9		
			1592.0	1592.0	4776 @ 3	-		
No. 2 Otter L.		306.2	5391.5	5697.7				
No. 3 "								
No. 4 Swan L.								
No. 5 Long L.					Not dealt with		No Water Records	
No. 6 Priests Vly.								
No. 7 Duck L.	457		342.0	342.0	1026 @ 3	?	?	?
No. 8 Mission Creek					Not dealt with		No Water Records	
No. 9 Tsinstek- eptum	2438	?	1620.0	1620.0	4860 @ 3	?	All	?
							200 All All	1333 ? ?
No. 10--	800	60.0	350.0	410.0	1230 @ 3	1.2	25	167
<u>Osoyoos</u>							50	333
No. 1 Osoyoos	32097	350.0	8418.0	8768.0	26305 @ 3	0.34	50 100 300	333 666 1999
No. 2 Dog L.					Not dealt with		No Water Records	
<u>Penticton</u>								
No. 1 Penticton	47829		5076.0	5076.0	15228 @ 3	0.34	100 100 60 300 500 100	666 666 400 1999 333 666
No. 2 Timber Res)								
No. 2A "								
No. 3 Nicola Prairie)					Not dealt with		No Water Records	
No. 3A Nicola P	350		132.0	132.0	396 @ 3	15.0	300	1999
<u>Lower Similkameen</u>								
No. 1 -----)								
No. 2 -----)								
No. 3 -----)	1750	?	?	232.0	Not dealt with 696 @ 3	-	No Water Records	-
No. 4 Narcisse Farm	1854	?	?	326	978 @ 3	0.82	10 40 20	67 266 133
No. 5 Joe Nah- umcheen	1278	77	937	1014	3042 @ 3	0.72	10 10 500 10	67 67 333 67
							100	666