

Smithers, B.C.
October 22nd, 1949

G.S. Reade, Esq.,
Regional Supervisor of Fisheries,
Prince Rupert, B.C.

The Following is the completion of the report of the conditions of log jams etc. on the Bulkley River.

On October 1st. Inspector Golley and I started out to carefully inspect the balance of the Bulkley River and this time we decided to walk because of the low water in the Bulkley River. It took us two days to inspect this river which is about 30 to 40 miles by river and only 25 miles by road.

The following is the final summary of the number, type & size of the log jams etc. for total river, Bulkley River to Junction of Morice and Bulkley Rivers.

1.	Group of logs across river	17
2.	Small jam	13
3.	Medium Jam	4
4.	Large Jam	9
5.	Almost Impossible	2
6.	Considered Impossible	1
7.	Beaver Dams	6
8.	Falls	<u>1</u>
Total of		53 obstructions

This river is a difficult question and would like to list a few of the points for your information and guidance.

1. It is not ~~navigable~~ navigable
2. To clear this stream as has been done by stream clearers in the Babine Lake area would cost a tremendous amount.
3. I have shown 53 obstructions which are scattered over approx. 60 miles of stream which is not entirely accessible. ~~Transportation~~ Transportation would be very difficult.
4. The actual removal of these jams would be very difficult as well because of the nature of the country.
5. This year the Coho are getting by all these obstructions and are spawning in Maxan Creek.
6. Should the Moricetown Fishway be put in then the Pink Salmon should come up. This stream is a likely place for them to spawn but would be unable to get very far up it because of their inability to get over difficult obstructions.
7. The falls, between Topley and Forestdale seems to be the about the worst place for them to get over and I should like to see some work done to make this easier for them.
8. Should the Aluminum Co. decide to take all the water out of the Nankka River then it might be necessary that Sockeye use the Bulkley River, this is only theory on my part but should be considered. As yet I have not seen any sockeye in this stream.

I should not like to make a recommendation for this work without an engineer going over the whole stream together with a Biologist to make an estimate of the cost and if this stream would take enough more salmon to warrant this expense.


W.K. Elliott
Fisheries Inspector.

Inspection of Bulkley River for Obstructions.

July 14th.

Table of classification.

1. Group of Logs across River.
2. Small Jam.
3. Medium Jam.
4. Large Jam.
5. Almost Impossible
6. Considered Impossible
7. Beaver Dams
8. Falls.

Beginning at Bulkley Lake and working downstream to interseption of Morise River and Bulkley River.

1.	Small Jam	2
2.	Almost Impessable 50' before McKay.	5
3.	Potential	1
4.	Potential	1
5.	Almost Impossible half way between McKay & Severson. Bridge at Seversons is broken down.	5
6.	Small Jam 300 yds. of medium proportions.	3
7.	Large jam	4
8.	Partial jam	1
9.	Small Jam	2
10.	Railroad bridge.	
10.	Potential	1
11.	Potential	1
12.	Good sized jam Forestdale.	4
13.	Potential	1
14.	Considered Impassable 1/2 mile S. of Forestdale.	6
15.	Small Jam	2
16.	Potential	1
17.	Beaver Dam	7
18.	Small Jam	2
19.	Bad Jam	4
20.	Long but not deep	3
21.	Long but not deep R.R. Bridge 60.8 mile.	3
22.	Beaver Dam 4' high	7
23.	Long Jam	3
24.	Potential	1
25.	Very Long bad Jam	4
26.	Small Jam	2
27.	Small Jam	2
28.	Small Jam	2
29.	Small Jam R.R. Bridge 62.2 Mile.	2
30.	Beaver Dam 3'.	7
31.	Bulkley Falls.	8
32.	Small Jam just below falls.	2
33.	Potential Jam	1
34.	Beaver Dam 1'	7
35.	Beaver Dam 2' 64.7 R.R. Bridge. 65.8 " "	7
36.	Medium Jam near Topley Hill	4
Oct. 1/49		
37.	Log Jam 150' bad and high	4
38.	Log Jam 150' Low	4
39.	Potential	1
40.	Findlay Creek 3 logs across	1
41.	Potential 1 big log across	1
42.	Short and high jam causing diversion R.R. Bridge 70.1 Mile. Partial diversion	2
43.	Potential trees across	1


Inspection of Bulkley River for Obstructions.

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44. Big Jam & diversion, 1 Mile to yard limit of Perow station	4
45. Beaver Dam	7
46. Potential	1
47. Bridge 71.7 Mile Perow Creek	
47. Small Jam	2
48. Potential with logs across	1
49. Potential, 15 logs across	1
50. Big Jam caused new Channel	1
51. Old winter tie road jam very large	4
52. Small Jam, Mile 79.	2
54. Small Jam back of Knockholt.	2.

Summarized;

1. Group of logs across river	17
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5. Almost Impossable	2
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8. Falls	1
Total Obstructions	<u>53</u>


W.K. Elliott
Fishery Officer.