

May 6, 2021 note by Richard Cane, RPF:

TA0654 has been modified since the TSA was completed. Beginning segments of the Kokanee6500 and Kokanee8100 roads have since been designated as BCTS FSRs to be constructed in advance of TSL operations. Documentation and Mapping in the TSA do not reflect this updated configuration. This email correspondence with Sitkum has been filed as an addendum to the TSA to reconcile construction recommendations for the Kokanee8100 FSR where the construction is no longer to a temporary standard. For the TSA, refer to "TA0654_Assess_TSA.pdf". Key sections of email correspondence have been highlighted in yellow.

Thanks for the call just now. To summarize:

I will add comments in key portions of to the TSA document indicating a change in who is constructing roads and the road terms.

I will file the email below as an addendum to the TSA that can address the new configuration and construction standards.

Thanks,
Richard



Richard Cane, RPF
Atlas Information Management
#101 – 1383 McGill Rd, Kamloops, BC V2C 6K7
Ph: 250-372-0857 Em: richard@atlas-info.com

From: Tedd Robertson <tedd@sitkum.ca>
Sent: Wednesday, May 05, 2021 10:17 AM
To: 'Richard Cane' <richard@atlas-info.com>
Subject: RE: TA0654 Kokanee Sunset TSA SCL19-1368 - Changes to road terms/builder

Hi Richard,
I am in a meeting till early afternoon, but will give you a shout after.
Thanks
Tedd

Tedd Robertson, P.Geo. P.L.Eng.
Sitkum Consulting Ltd.
Cell 250.505.2595

From: Richard Cane <richard@atlas-info.com>
Sent: May 5, 2021 10:16 AM
To: 'Tedd Robertson' <tedd@sitkum.ca>; mdeschenes@telus.net
Subject: RE: TA0654 Kokanee Sunset TSA SCL19-1368 - Changes to road terms/builder

Thanks Tedd. Looking good. Can you give me a quick call?

Thanks,
Richard

From: Tedd Robertson <tedd@sitkum.ca>
Sent: Tuesday, May 04, 2021 5:20 PM
To: 'Richard Cane' <richard@atlas-info.com>; mdeschenes@telus.net
Subject: RE: TA0654 Kokanee Sunset TSA SCL19-1368 - Changes to road terms/builder

Hi Richard,

Changing road term from Temp to Permanent on the Kokanee 8510 from Hub 1 through Hub 16 as you have noted below will not result in a significant change in the TSA risk analysis. The only change with respect to recommendations are as follows:

1. Cut slopes recommended to range from 1.25H:1V to 1H:1V dependant on conditions encountered, consistent with other permanent construction sections.
2. Use keyed rock fill instead of wood supported fill where slope gradients exceed 55% and term is permanent.
3. Construction field review by qualified registered professional recommended at completion of construction to confirm conditions encountered, drainage control, and cut and fill slope conditions.

Let me know if anything else is required.

Thanks

Tedd

Tedd Robertson, P.Geo. P.L.Eng.
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From: Richard Cane <richard@atlas-info.com>
Sent: May 4, 2021 12:44 PM
To: mdeschenes@telus.net; 'Tedd Robertson' <tedd@sitkum.ca>
Subject: TA0654 Kokanee Sunset TSA SCL19-1368 - Changes to road terms/builder

Hello Marc and Tedd,

Since the above report was finalized there has been some small changes to the TSL configuration regarding roads. BCTS has decided to build portions of the Kokanee6500 and Kokanee8100 roads in advance of the TSL road building and harvesting. I am not writing separate road site plans for these BCTS construct segments, rather they'll remain fully integrated into the block site plans and associated documentation.

For the Kokanee6500, the construction standard remains the same, the construction is just divided up between BCTS and the TSL holder now. BCTS generally feels they can manage this minor

difference without issue.

Hubs 1-55: FSR

Hubs 55-92: Long-Term Permanent (>5yr), TSL holder construct

Hubs 92-117: Temporary, TSL holder construct

For the Kokanee8100, the construction standard has changed. What was temporary road is now permanent FSR. This is out of sync with the TSA and road construction recommendations (extracted from report and attached). What's recommended for a temporary road, won't necessarily be workable for an FSR. **This is in particular where we need your input.**

Hubs 1-16: FSR

Hub 16-35: Temporary, TSL construct

In discussion with BCTS it is hoped that perhaps an email comment to attach to the TSA can help us square up the TSA report with the final roads configuration. Maps are also attached to show the change. (Also FYI, the road permit has been dropped so you'll see road names now begin with "TA0654..." .)

Thanks,
Richard



Richard Cane, RPF

Atlas Information Management

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