

## *Appendix 3-I*

*Summary of YMI Communications with Government Agencies*

HARPER CREEK PROJECT

**Application for an Environmental Assessment Certificate /  
Environmental Impact Statement**

## APPENDIX 3-I. SUMMARY OF YMI'S COMMUNICATIONS WITH PROVINCIAL AND FEDERAL GOVERNMENT AGENCIES

Provided below is a summary of key YMI-initiated communications between April 2008 and July 31, 2014 with provincial government agencies and elected officials (Table 3-I1), and federal government agencies (Table 3-I2). This record does not include transitory communications (e.g., correspondence to set up meetings, distribution of agendas or presentations, etc.). Working Group meetings and site visits, and government agency comments on the 2013 Application/EIS are discussed in Chapter 3 Information Distribution and Consultation Chapter of the Application/EIS and are not included in these tables.

**Table 3-I1. Summary of YMI's Communications with Provincial Government Agencies (to July 31, 2014)**

ROC #	Date (Location)	Communication Method	Topic of Discussion
<b>BC Environmental Assessment Office (BC EAO)</b>			
52	04/04/2008	Meeting	1) Discussed the Project and the EA process.
97	07/02/2008	Phone Call	1) YMI provided an overview of the Project.
100	07/16/2008	Meeting	1) Discussed the draft Project Description.
106	09/10/2008	Meeting	1) Discussed the EA review process, Project Description, draft Terms of Reference, First Nations consultation and anticipated timelines.
117	11/24/2008	Phone Call	1) YMI will be scaling back work on the Project, but will continue with some aspects. Discussed First Nations consultation, as well as the Working Group meeting scheduled for 12/11/2008.
119	12/09/2008	E-mail	1) YMI provided Draft #1 of the draft AIR for posting on the BC EAO website.
123	01/21/2009	Meeting	1) Reviewed federal and provincial EA requirements, additional information requirements for federal triggers, and the Project Description.
180	05/04/2011 (NIB Band Office)	Meeting	1) Project Update: Project overview by YMI, BC EAO and CEAA. NIB also in attendance. 2) Draft AIR: YMI/EAO will provide a copy of for NIB review. 3) Site Visit: NIB asked if there is an opportunity for a site visit. 4) Agreements: Discussed agreements signed to date with First Nations. NIB to send a letter that they support ALIB representing NIB and the Lakes Division regarding the Harper Creek Project.
229	05/18/2011	E-mail	1) YMI provided revised versions of the draft AIR for BC EAO review. Agency comment tracking table and issues table to follow.
230	05/18/2011	E-mail	1) YMI provided the draft AIR agency issues tracking table and agency comment tracking table.

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(to July 31, 2014)**

<b>ROC #</b>	<b>Date (Location)</b>	<b>Communication Method</b>	<b>Topic of Discussion</b>
258	05/27/2011	E-mail	1) YMI provided hard copies of the draft AIR for BC EAO to provide to the First Nations.
1061	09/21/2011	Phone Call	1) YMI confirmed they will be manufacturing and storing explosives onsite.
1003	02/17/2012	<b>Email</b>	1) Discussed YMI's humidity cell program (BC MEMNG, CEAA, BC EAO and YMI received email).
1300	04/23/2012	E-mail	1) YMI provided a link for the wildlife, vegetation, aquatic environment, surface and groundwater quality, and hydrometeorology draft baseline reports.
1671	06/21/2012	E-mail	1) YMI provided a FTP link to the final interim baseline reports for wildlife and vegetation, aquatic environment, and surface and groundwater quality.
1858	08/03/2012	Phone Call	1) Discussed First Nations consultation.
1444	09/18/2012 (Neskonlith Band Office)	Meeting	1) EA Process: Discussed the involvement of NIB in the EA review of the Harper Creek Project (BC MFLNRO, NIB, and CEA Agency also in attendance).
2134	09/18/2012	E-mail	1) YMI provided a copy of the NIB draft socio-economic report, as discussed at the recent meeting with NIB.
2140	09/26/2012	E-mail	1) YMI requested a copy of the workplan for the coordinated EA process, as well as a copy of the letter stating that SFN represents the interests of Tkemlups Indian Band.
2202	10/10/2012	Phone Call	1) Discussed the harmonized application review process. 2) Discussed the issues raised by First Nations relating to the Project, and how they should be captured in the EA.
2192	10/11/2012	E-mail	1) YMI requested, and was provided with, the letters sent to First Nations regarding the Section 13 Order and potential amendment to the Section 11 Order.
2193	10/11/2012	E-mail	1) YMI requested notes for the 2011 and 2012 Working Group meetings, including a summary of discussions on potential impacts with First Nations and regulators when YMI was not present at the meetings (BC EAO provided notes on 04/07/2011 and 10/22/2012).
2211	10/24/2012	Phone Call	1) Discussed the status of the application, the Working Group meeting, and input on the First Nation consultation summary and plan. YMI requested copies of August 2011 Working Group meeting notes (BC EAO provided notes 11/07/2012).
2213	10/30/2012	Phone Call	1) Discussed timing of application, meetings with First Nations.
2218	11/07/2012	Phone Call	1) Discussed the recent Working Group meeting, application submission timing and First Nations consultation.
2339	11/07/2012	E-mail	1) Discussed the changes to the Section 11 Order, and the effects on YMI's Application submission.

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<b>ROC #</b>	<b>Date (Location)</b>	<b>Communication Method</b>	<b>Topic of Discussion</b>
2378	11/20/2012	E-mail	1) Discussed inclusion of the NIB comments on the draft socio-economic report in the Application.
2317	12/04/2012	E-mail	1) YMI requested copies of BC EAO letters to First Nations, as well as final notes for the November 2012 Working Group meeting. Also asked how responses to BC FLNRO's comments from the meeting will be provided to BC FLNRO.
2232	12/12/2012 (Victoria)	Meeting	1) Discussed the screening process and First Nation involvement.
2371	01/15/2013	E-mail	1) YMI responded to BC EAO's query about power for the Project. Noted that the BC Hydro decision does not affect the project EA, and that YMI is not looking at alternative power sources. 2) YMI is waiting for First Nation comments on the Consultation Plan, and expects to file the EA by the end of February.
2258	03/15/2013	Phone Call	1) Discussed agreements with First Nations and range tenure holders.
2433	03/28/2013	E-mail	1) YMI provided BC EAO with the Application Table of Concordance.
2828	03/28/2013	Letter	1) YMI submitted their Application/EIS. Copies were provided to those on the list received from the BC EAO on 03/12/2013.
2413	04/08/2013	E-mail	1) YMI confirmed that the Application/EIS has been provided to all those who are part of the screening process. Screening period is 04/06/2013 through 05/07/2013.
2435	04/11/2013	E-mail	1) Discussed changes required for the Table of Concordance.
2438	04/16/2013	Letter	1) BC EAO provided a time extension of five days for the screening process.
2439	04/17/2013	E-mail	1) Further to YMI's request, BC EAO has included the Districts of Barriere and Clearwater on the screening review.
2440	04/29/2013	E-mail	1) Discussed the Time Limit Extension Order approved on 04/16/2013.
2444	04/29/2013	E-mail	1) YMI provided a revised Table of Concordance. An update was provided by BC EAO on the screening process timeline.
2447	05/08/2013	E-mail	1) YMI requested that the screening period be extended by two weeks to allow for incorporation of comments received into the Application.
2452	05/09/2013	E-mail	1) YMI provided links to the Water and Waste Management Report requested by the BC EAO Working Group.
2580	05/28/2013	Phone Call	1) Discussed deficiencies in the Application/EIS to be corrected in the resubmission.
2475	05/31/2013	E-mail	1) YMI provided copies of the letters to First Nations addressing questions raised, per BC EAO's letter dated 05/16/2013.

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ROC #	Date (Location)	Communication Method	Topic of Discussion
2563	07/10/2013	Letter	1) YMI responded to the BC EAO's 05/16/2013 letter regarding First Nations consultation activities to date. YMI believes their consultation efforts have been extensive and meaningful. 2) YMI provided information on consultation to date and proposed with the First Nations, and will address the BC EAO's requests in the letter.
2556	07/15/2013	E-mail	1) YMI provided an update on contact with First Nations since 05/30/2013 to discuss potential project effects and mitigation.
2576	07/24/2013	E-mail	1) YMI informed BC EAO and CEAA that second letters have been sent to SFN, ALIB and LSIB regarding consultation, and YMI met with NIB in June.
2516	07/30/2013	Phone Call	1) YMI provided an update on the Application/EIS status and ongoing consultation with First Nations.
2729	09/09/2013	E-mail	1) YMI provided a copy of its 09/06/2013 letter to ALIB.
2530	09/19/2013	Phone Call	1) Discussed reorganization of EIS, data gaps in and screening comments about the Application/EIS, as well as the 2013 environmental monitoring program. CEAA and BC EAO support YMI's actions to address data gaps as well as additional consultation with First Nations.
2532	09/19/2013	Phone Call	1) Discussed YMI's consultation efforts with ALIB and SFN.
2693	11/27/2013	Phone Call	1) YMI provided an update on the Harper Creek Project and Application resubmission, as well as efforts to consult with First Nations for input into the working tables.
2900	02/11/2014	E-mail	1) YMI provided an update on consultation with First Nations and status of the Working Tables.
3070	03/03/2014	Phone Call	1) First Nations Consultation: Consultation summaries to end of July 2014 will be shared with the First Nations prior to being included in the Application. 2) Screening Comments: Application/EIS will include a tracking table with responses to each screening comment received and where it is addressed in detail in the Application/EIS.
2943	03/13/2014	E-mail	1) Further to ALIB's 02/28/2014 letter raising concerns, YMI asked if BC EAO or CEAA Agency have copies of the noted documents as they have been requested, but not received, from ALIB. BC EAO does not have the reports.
2958	03/28/2014	E-mail	1) YMI provided CEAA and BC EAO with YMI's response to ALIB's 02/28/2014 letter.
2985	04/17/2014	E-mail	1) YMI provided copies of the reports noted in ALIB's 02/28/2014 letter.

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ROC #	Date (Location)	Communication Method	Topic of Discussion
3015	05/05/2014 (Kamloops)	Meeting	1) YMI presented an updated Project overview and an outline of the baseline water data collection, including progress to date, monitoring planned for 2014 and plans going forward. Presentations were given on hydrology, hydrogeology and water quality (groundwater and surface). Topics of discussion included the tailings management facility (TMF), data collection programs and measurements, TMF discharge, drinking water users and quality, groundwater use, and surrounding land use (BC MEMNG, BC MOE, BC MFLNRO, and CEA Agency also in attendance).
3086	05/14/2014	Phone Call	1) Agency Meeting (CEA Agency also in attendance): Discussed the 05/05/2014 meeting with agencies to review water baseline data, provide feedback and identify any gaps. 2) Valued Components (VCs): BC EAO would like to reduce the list of VCs to be included in the Application, and will send the proposed revised list to Working Group for review and comment. 3) Certified Project Description: Discussed what is required. 4) Mitigation: CEA Agency asked that mitigation measures be clearly identified in the Application/EIS.
3115	06/03/2014	E-mail	1) YMI provided notes and the presentation for the meeting on 05/05/2014 with the provincial and federal regulators. Requested that BC EAO and CEAA distribute to the others that participated.
3107	06/06/2014	Letter	1) YMI supported the BC EAO's suggestion to remove four VCs (climate, geochemistry, traffic, and revenue and taxes) from the proposed list of VCs).
3144	06/13/2014	E-mail	1) YMI confirmed that the VCs the BC EAO would like to remove from the list (climate, geochemistry, traffic, and revenue and taxes) will be characterized and changes described, as appropriate in the Application/EIS. Provided further information on the assessments done on the four VCs. Noted that the other VCs BC EAO is considering removing from the list (employment and income, business opportunities, worker safety) are discussed in the socio-economic section. CEAA noted that YMI's response satisfactorily addresses the federal team concerns and a call is not required.
3095	06/19/2014	Phone Call	1) Discussed the agenda for the Working Group meeting on 08/14/2014 and the BC EAO letter to the Working Group regarding the removal of VCs listed in the Harper Creek AIR. 2) YMI provided an update on consultation activities with First Nations, including input into Working Tables, capacity funding and program of work to support input and involvement in the EA review process.

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3109	06/26/2014	Letter	1) Further to SFN's letter to the BC EAO on 06/20/2014, YMI expressed an understanding of their obligations with respect to consultation with SFN. Provided information on the attempts to consult with SFN since the Application was originally submitted, and noted that YMI will continue best efforts to involve SFN in the EA process and development of the Project.
3278	06/26/2014	Phone Call	1) Discussed First Nations consultation.
3185	07/03/2014	E-mail	1) YMI requested confirmation from the BC EAO on the VCs that will be excluded from the revised list; BC EAO is working on the revised list and will provide when available. 2) YMI also requested, and was provided with, the list of participants for the upcoming Working Group meeting.
3188	07/04/2014	E-mail	1) BC EAO requested, and YMI provided, comments on the revised VC list to be sent to the Working Group.
3206	07/09/2014	E-mail	1) YMI requested a call to discuss comments received on the revised VC list.
3211	07/10/2014	E-mail	1) YMI provided BC EAO and CEA Agency with a copy of YMI's response to ALIB's letter of 06/06/2014.
3264	07/16/2014	Phone Call	1) Discussed next steps and options to determine function of two rock cairns within the Project area with the BC Archaeology Branch. On 07/31/2014 BC MFLNRO provided some information to YMI from the SFN report on the rock cairns.
3245	07/25/2014	E-mail	1) YMI provided BC EAO and CEA Agency with a copy of the historic report commissioned to document information on the use and occupation of the proposed Project area by the landowners in the area. Requested that the report be shared with the BC MFLNRO archaeologist. Also asked if BC EAO could follow up to see if BC FLNRO is willing to share the SFN report on the rock cairns.
3254	07/31/2014	E-mail	1) Further to their call on 07/16/2014, BC FLNRO provided some information to YMI from the SFN report on the rock cairns.
<b>BC MEMNG</b>			
1132	02/07/2012 (Victoria)	Meeting	1) Discussed metal leaching/acid rock drainage (ML/ARD). On 02/21/2012 BC MEMNG followed up by emailing information on the permitting process, baseline water quality testing, TMF assessment, and discharge planning and geotechnical programs. 2) Comments: (a) ensure baseline studies cover necessary parameters.
1003	02/17/2012	E-mail	1) Discussed YMI's humidity cell program (BC MOE and CEA Agency also in attendance).
1181	03/02/2012	Email	1) YMI provided a copy of the Notice of Work (NOW) application and supporting documentation for review.

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ROC #	Date (Location)	Communication Method	Topic of Discussion
1201	03/12/2012	E-mail	1) YMI provided the amended NOW application, revised per discussions with BC MEMNG. (On 06/11/2012 BC MEMNG approved the amended NOW application dated 06/11/2012 under Permit 12-1620527-0611.)
1706	06/28/2012	E-mail	1) YMI advised BC MEMNG that they intend to start exploration activities on 07/09/2012, per the Notice of Work MX-4-429.
1728	07/03/2012	E-mail	1) YMI provided a NOW amendment to include an additional three holes.
2212	10/25/2012 (Victoria)	Meeting	1) Discussed geochemistry. Also discussed changes to the mine site layout based on suggestions from BC MEMNG.
2267	05/15/2013	Phone Call	1) Discussed BC MEMNG's Application screening comments (04/30/2013), as well as the geotechnical memo.
2460	05/15/2013	E-mail	1) YMI provided the open pit geotechnical design report, which addresses some of BC MEMNG's (04/30/2012), and SRK Consulting's (05/03/2013), comments and questions.
2913	02/19/2014 (Victoria)	Meeting	1) YMI provided an update on the project and Application/EIS. Presentation topics included the base case waste management plan; ML/ARD characterization update; use of water chemistry predictions; water quality model update, modelling nodes, target elements; water treatment, water quality predictions and treatment targets; and project opportunities (BC MOE also in attendance; YMI provided a copy of the report referenced in this meeting on 04/28/2014). 2) Comments: (a) use of PAG rock for construction; (b) water discharge from the TMF; (c) groundwater seepage.
2922	02/26/2014 (Kamloops)	Meeting	1) YMI provided an update on the Project and the water quality baseline program, including the baseline study area, waste management plan, water management plan, water quality prediction nodes and water quality prediction results. Discussion topics included water quality sensitivity analyses, sensitive species, treatment targets and water hardness policy. Will hold a follow-up meeting to discuss selenium approaches (BC MOE also in attendance).
2957	03/28/2014 (Vancouver)	Meeting	1) YMI provided an update on the status of geotechnical work; BC MEMNG provided feedback. Discussed site investigation work, open pit design, TMF site and design, foundation designs (plant site and borrow pits) and seepage analysis. BC MEMNG questions related to pit and TMF design, seepage ponds, dam design, terrain stability, concentrate haul and site access. 2) Comments: (a) contact zone (orthogenesis/granodiorite) under the TMF dam; (b) inferred fault under the TMF dam.



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3015	05/05/2014 (Kamloops)	Meeting	1) YMI presented an updated Project overview and an outline of the baseline water data collection, including progress to date, monitoring planned for 2014 and plans going forward. Presentations were given on hydrology, hydrogeology and water quality (groundwater and surface). Topics of discussion included the tailings management facility (TMF), data collection programs and measurements, TMF discharge, drinking water users and quality, groundwater use, and surrounding land use (BC EAO, CEA Agency, BC MOE, BC MFLNRO, NRCAN, and EC also in attendance).
3263	07/16/2014 (Vancouver)	Meeting	1) YMI provided a Project update. Discussed design changes to minimize environmental effects, specifically that there will be no discharge during operations, closure now only has one point of discharge (TMF), and there is no longer discharge from the pit to Baker at closure.
<b>BC Ministry of Forests, Lands, and Natural Resource Operations (BC MFLNRO)</b>			
42	10/24/2007	Meeting	1) Discussed availability of mapping and existing environmental information for the Project area.
66	04/16/2008	Meeting	1) Discussed baseline data collection and programs, focused on the terrestrial environment - species at risk, mammals, amphibians, birds and raptors, among other topics (BC MOE also in attendance).
545	09/27/2011	Meeting	1) Discussed fish habitat and sampling (DFO also in attendance).
734	11/23/2011	E-mail	1) YMI asked for, and received (11/23/2011 email from BC MFLNRO), information on BC FLNRO's management plans for caribou. 2) YMI requested information from BC FLNRO regarding their concerns about potential disturbance of goats from helicopters. Requested a copy of a document on grizzly bear habitat and population for the North Barrier Lake area.
1688	06/25/2012	E-mail	1) Follow up from the Technical Working Group meeting. YMI provided map files used to identify critical moose and population for the North Barrier Lake area.
1828	06/25/2012 (Kamloops)	Meeting	1) Discussed the landowner's woodlot (Landowner also in attendance).
1715	06/28/2012	Phone Call	1) YMI informed the range tenure holders that baseline information collection is almost complete and that no further development this year. Range tenure holder discussed concerns about possible effects of the Project on cattle use and range tenure with BC MFLNRO. BC MFLNRO will set up a meeting with the range tenure holder and YMI to discuss use of project area by cattle for grazing.
1757	07/10/2012 (Kamloops)	Meeting	1) Discussed potential effects of mine site development on the range tenure and potential mitigation options (range tenure holder also in attendance).

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ROC #	Date (Location)	Communication Method	Topic of Discussion
1881	07/20/2012	Phone Call	1) YMI requested feedback from BC MFLNRO regarding their 2012 baseline data collection program. 2) BC MFLNRO expressed an interest in a site tour.
1869	08/21/2012	Site Visit	1) Range tenure holder and BC MFLNRO toured the site and discussed potential impacts of the Project on the range tenure. 2) Comments: (a) reclamation of drill pads; (b) lack of site signage.
2002	08/24/2012	E-mail	1) YMI provided answers to the range tenure holder's concerns regarding reclamation and signage. YMI noted that drill pads and sumps would be rehabilitated that fall and although work on site was wrapping up by the end of September signs would be placed at the access routes when activities start up again the following year.
2160	09/24/2012	E-mail	1) YMI provided shape files for critical moose and deer winter ranges at and near the Project area for BC MFLNRO review (BC MFLNRO provided comments on 10/02/2012). 2) Comments: (a) moose use of the Project area.
2149	10/09/2012 (Kamloops)	Meeting	1) Discussed potential mitigation options for the range tenure holder (range tenure holder also in attendance).
2201	10/09/2012 (Kamloops)	Meeting	1) Discussed mitigation measures and options for range tenures: rehabilitation of drill pads and sumps and placing signs at the access routes when activities start up again the following year.
2191	10/10/2012	E-mail	1) YMI clarified answers to the question regarding reclamation seed mix asked at the meeting on 10/09/2012.
2284	10/18/2012	E-mail	1) YMI requested an update from BC MFLNRO following their visit to the site. On 10/18/2012 BC MFLNRO emailed comments on their recent visit to the site. Noted that there are wetlands/meadow complexes within the Project footprint. Interested in the mitigation measures YMI will have for these areas. 2) Comments: (a) loss of wetlands/meadow complexes.
2347	12/17/2012	E-mail	1) Discussed the potential need for a replacement long-term monitoring station for water quality. Will be discussed further during the Application review.
2588	06/17/2013	Phone Call	1) YMI provided an update on the recent meeting with BC MOTI. 2) Discussed the Mines Development Review Committee, which will be coordinated once the Application has been resubmitted.
2533	09/20/2013	Phone Call	1) YMI provided an update on the Project and the status of the Application/EIS.
2949	03/25/2014	E-mail	1) YMI requested (and received) information on the potentially affected range tenure for use in the Application.

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3072	03/26/2014	Phone Call	1) YMI provided an update on the status of the Application/EIS resubmission. 2) BC MFLNRO provided an update on the Mines Development Review Committee and members.
3014	05/04/2014	E-mail	1) YMI provided the presentation and agenda for the 05/05/2014 meeting on water baseline data.
3015	05/05/2014 (Kamloops)	Meeting	1) YMI presented an updated project overview and an outline of the baseline water data collection, including progress to date, monitoring planned for 2014 and plans going forward. Presentations were given on hydrology, hydrogeology and water quality (groundwater and surface). Topics of discussion included the tailings management facility (TMF), data collection programs and measurements, TMF discharge, drinking water users and water quality, groundwater use, and surrounding land use.
3126	06/09/2014	E-mail	1) YMI requested a meeting with BC FLNRO to discuss wildlife and vegetation updated baseline reports and how comments received during screening were addressed (meeting planned for 07/24/2014 was cancelled).
3264	07/16/2014	Phone Call	1) Discussed next steps and options to determine function of two rock cairns within the Project area with the BC Archaeology Branch.
<b>BC MOE</b>			
41	10/24/2007	Phone Call	1) YMI introduced the Project to BC MOE.
65	04/16/2008	Meeting	1) YMI provided an overview of the Project. Discussed baseline data collection and programs, focused on the aquatic environment - fish, water quality, benthos and periphyton, among other topics.
66	04/16/2008	Meeting	1) Discussed baseline data collection and programs, focused on the terrestrial environment - species at risk, mammals, amphibians, birds and raptors, among other topics (BC MFLNRO also in attendance).
105	09/04/2008	E-mail	1) YMI requested detailed fish inventory information for watercourses in and around the Project area.
107	09/12/2008	Phone Call	1) Discussed sampling protocols and surveys requested by BC MOE on 08/1/2008.
1821	06/11/2012	Phone Call	1) Discussed the Application/EIS and what BC MOE will want to see in the Application.
1702	06/27/2012	E-mail	1) YMI provided the conceptual air dispersion modelling plan for the EA; requested feedback on the plan.
2302	11/02/2012	E-mail	1) YMI provided a copy of the presentation it previously gave to BC MEMNG on 10/25/2012 to BC MOE. Requested a meeting later in the month to discuss water quality monitoring, inputs and outputs.
2225	11/21/2012 (Kamloops)	Meeting	1) Discussed water quality and geochemistry.

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2913	02/19/2014 (Victoria)	Meeting	1) YMI provided an update on the Project and Application/EIS. Presentation topics included the base case waste management plan; ML/ARD characterization update; use of water chemistry predictions; water quality model update, modelling nodes, target elements; water treatment, water quality predictions and treatment targets; and Project opportunities  3) Comments: (a) use of PAG rock for construction; (b) water discharge from the TMF; (c) groundwater seepage.
2922	02/26/2014 (Kamloops)	Meeting	1) YMI provided an update on the Project and the water quality baseline program, including the baseline study area, waste management plan, water management plan, water quality prediction nodes and water quality prediction results. Discussion topics included water quality sensitivity analyses, sensitive species, treatment targets and water hardness policy. Will hold a follow-up meeting to discuss selenium approaches (BC MEMNG also in attendance).
3085	04/23/2014	Phone Call	1) Discussed data collection relating to selenium, and what is required by BC MOE.
3015	05/05/2014 (Kamloops)	Meeting	1) YMI presented an updated Project overview and an outline of the baseline water data collection, including progress to date, monitoring planned for 2014 and plans going forward. Presentations were given on hydrology, hydrogeology and water quality (groundwater and surface). Topics of discussion included the tailings management facility (TMF), data collection programs and measurements, TMF discharge, drinking water users and quality, groundwater use, and surrounding land use (other government agencies in attendance).
3087	05/16/2014	Phone Call	1) Discussed selenium guidelines and bioaccumulation models. Further to BC MOE's email on 05/13/2014 where BC MOE noted that a bioaccumulation model is needed to determine safe selenium (Se) concentrations in the water column. Provided information on bioaccumulation models.  2) Comments: (a) selenium water quality; (b) development of a Se bioaccumulation model over time.
3115	06/03/2014	E-mail	1) YMI provided notes and the presentation for the meeting on 05/05/2014 with the provincial and federal regulators. Requested that BC EAO and CEA Agency distribute to the others that participated.
3262	07/14/2014 (Kamloops)	Meeting	1) YMI provided an overview of the Project design changes and mitigation measures incorporated into the Project design. Discussed the predictive water quality modelling results for the Project, methodology for the effects assessment and developing a selenium management plan.

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(to July 31, 2014)**

<b>ROC #</b>	<b>Date (Location)</b>	<b>Communication Method</b>	<b>Topic of Discussion</b>
3263	07/16/2014 (Vancouver)	Meeting	<p>1) YMI provided a Project update. Discussed design changes to minimize environmental impacts, specifically that there will be no discharge during operations, closure now only has one point of discharge (TMF), and there is no longer discharge from the pit to Baker at closure. On 07/18/2014 BC MOE provided comments on the materials presented at this meeting. Comments related to the following areas: (a) model assumptions; (b) modelled cases; (c) modelling nodes; (d) waste management; (e) schematic of seepage pathways; (f) results; (g) development of an SBEB for copper and cadmium; (h) use of the draft cadmium guideline; (i) cadmium concentrations and potential toxicity to aquatic resources and/or wildlife; (j) selenium bioaccumulation and developing an SBEB for selenium; (k) water quality effects assessment selection of contaminants of potential concern; (l) fish distribution; (m) selenium management; (n) comparisons between expected and upper bound cases.</p> <p>2) Comments: (a) initial dilution zones; (b) potential for water quality issues related to cadmium effects on aquatic resources and/or wildlife; (c) determination of a safe threshold for selenium for species in Harper Creek; (d) selenium management plan; (e) seepage from the LGO stockpiles.</p>
<b>BC Ministry of Transportation and Infrastructure (BC MOTI)</b>			
131	01/14/2011	Meeting	1) YMI introduced the Project to BC MOTI.
2252	02/14/2013 (Kamloops)	Meeting	<p>1) Discussed access routes to the Project site.</p> <p>2) Comments: (a) effect of increased traffic and heavy loads on area bridges and roads.</p>
2491	06/12/2013 (Kamloops)	Meeting	<p>1) Discussed access routes, road upgrades, traffic impact assessment (TIA) and traffic management plans.</p> <p>2) Comments: (a) ability of CNR sidings to deal with oversized loads; (b) upgrading of some roads for oversized loads during construction.</p>
2721	08/23/2013	E-mail	1) YMI thanked BC MOTI for the final 06/12/2013 meeting notes. YMI will notify BC MOTI when they are in a position for a site visit, and will continue to work with BC MOTI through the Application/EIS and permitting processes.
2953	03/27/2014	E-mail	<p>1) In follow-up to their June 2013 meeting, YMI asked if there are any issues or gaps in the traffic impact assessment (TIA) that should be incorporated into YMI's traffic assessment. On 04/15/2014 MOTI emailed comment on the TIA.</p> <p>2) Comments: (a) Vavenby bridge approach; (b) increased traffic on local roads.</p>

**Table 3-I1. Summary of YMI's Communications with Provincial Government Agencies  
(to July 31, 2014)**

ROC #	Date (Location)	Communication Method	Topic of Discussion
2971	04/02/2014	Site Visit	<p>1) BC MOTI and YMI visited and reviewed road access for the Project site. Reviewed and discussed railway option, truck routes, Vavenby bridge inspection, road upgrades, TIA and management plan, BC Hydro infrastructure, and pinch points identified for construction and operations, and the Jones Creek FSR. Comments from BC MOTI related to analysis of routes for proposed loads, right-of-way issues on BILCR and details of pinch points. TIA currently addresses most of BC MOTI's concerns; requested that improvements noted during the visit be included in the revised TIA.</p> <p>2) Comments: (a) pinch points along the potential road access route.</p>

**Table 3-I2. Summary of YMI's Communications with Federal Government Agencies (to July 31, 2014)**

ROC #	Date (Location)	Communication Method	Topic of Discussion
<b>Aboriginal Affairs and Northern Development Canada (AANDC)</b>			
116	11/18/2008	Meeting	1) Discussed the Project and possible triggers (DFO, CEAA, Environment Canada, Health Canada, INAC, Natural Resources Canada, Transport Canada, and YMI) were in attendance.
2587	06/07/2013 (Ottawa)	Meeting	1) YMI introduced the Project. Discussed involvement of First Nations in collecting baseline information and the EA review process.
2451	06/11/2013	E-mail	1) A copy of the 06/07/2013 presentation to the Major Projects Management Office was provided to government agencies.
<b>Canadian Environmental Assessment Agency (CEA Agency)</b>			
77	06/04/2008	Meeting	1) YMI provided an overview of the Project. MPMO and CEA Agency provided information on the federal regulatory process.
100	07/16/2008	Meeting	1) Discussed the draft Project Description.
106	09/10/2008	Meeting	1) Discussed the EA review process, Project Description, draft Terms of Reference, First Nations consultation and anticipated timelines.
116	11/18/2008	Meeting	1) Discussed the Project and possible triggers (other government agencies also in attendance).
123	01/21/2009	Meeting	1) Reviewed federal and provincial EA requirements, additional information requirements for federal triggers, and the Project Description.
180	05/04/2011 (NIB Office)	Meeting	1) Project Update: Project overview by YMI, BC EAO and CEA Agency. 2) Draft AIR: YMI/EAO will provide a copy of for NIB review. 3) Site Visit: NIB asked if there is an opportunity for a site visit. 4) Agreements: Discussed agreements signed to date with First Nations. NIB to send a letter that they support ALIB representing NIB and the Lakes Division regarding the Harper Creek Project. 5) Comments: (a) include culturally important plans in baseline studies; (b) Aboriginal input on data collection and assessment.
1003	02/17/2012	E-mail	1) Discussed YMI's humidity cell program
1300	04/23/2012	E-mail	1) YMI provided a link for the wildlife, vegetation, aquatic environment, surface and groundwater quality, and hydrometeorology draft baseline reports.
1487	05/30/2012	E-mail	1) As CEAA is not available for the 05/30/2012 conference call, sampling game was discussed by e-mail instead and no meeting will be required. 2) HC asked YMI to collect tissue samples from large mammals/ungulates YMI and HC agreed to sample and use small mammals as surrogates for large mammals/ungulates. HC also noted that produce from country gardens is considered country foods; it should also be considered for sampling if there is the possibility it could become contaminated (e.g., from airborne particulates).

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(to July 31, 2014)**

ROC #	Date (Location)	Communication Method	Topic of Discussion
1671	06/21/2012	E-mail	1) YMI provided an FTP link to the final interim baseline reports for wildlife and vegetation, aquatic environment, and surface and groundwater quality.
1858	08/03/2012	Phone Call	1) Discussed First Nations consultation.
240	08/07/2012	Meeting	1) Discussed consultation with Metis groups. CEA Agency will take the lead on consultation with them, and collection of information from them.
2134	09/18/2012	E-mail	1) YMI provided a copy of the NIB draft socio-economic report.
2195	09/21/2012	Phone Call	1) Discussed the EIS summary, First Nations consultation, next Working Group meeting.
2140	09/26/2012	E-mail	1) YMI requested a copy of the workplan for the coordinated EA process, as well as a copy of the letter stating that SFN represents the interests of TIB.
2202	10/10/2012	Phone Call	1) Working Group meeting set for 11/01/2012. 2) Discussed the harmonized application review process. 3) Discussed the issues raised by First Nations relating to the Project, and how they should be captured in the EA.
2193	10/11/2012	E-mail	1) YMI requested notes for the 2011 and 2012 Working Group meetings, including a summary of discussions on potential impacts with First Nations and regulators when YMI was not present at the meetings.
2211	10/24/2012	Phone Call	1) Discussed the status of the Application/EIS, the Working Group meeting, and input on the First Nation consultation summary and plan. YMI requested copies of August 2011 Working Group meeting notes.
2213	10/30/2012	Phone Call	1) Discussed timing of application, meetings with First Nations.
2218	11/07/2012	Phone Call	1) Discussed the recent Working Group meeting, application submission timing and First Nations consultation.
2246	02/04/2013	Phone Call	1) Discussed timing of the Application submission. 2) Discussed the federal requirement for alternatives assessments.
2414	02/06/2013	E-mail	1) Discussed the alternative power line routes.
2258	03/15/2013	Phone Call	1) Discussed agreements with First Nations and range tenure holders.
2827	03/28/2013	Letter	1) YMI provided the Application/EIS for the Project, noting that copies were sent to the Working Group members identified by CEAA.
2435	04/11/2013	E-mail	1) Discussed changes required for the Table of Concordance.
2452	05/09/2013	E-mail	1) YMI provided links to the Water and Waste Management Report requested by the BC EAO Working Group.
2268	05/22/2013	Phone Call	1) Discussed Application screening comments from CEA Agency.
2580	05/28/2013	Phone Call	1) Discussed deficiencies in the Application/EIS to be corrected in the resubmission.



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<b>ROC #</b>	<b>Date (Location)</b>	<b>Communication Method</b>	<b>Topic of Discussion</b>
2582	06/06/2013 (Ottawa)	Meeting	1) YMI provided a Project update, noting that the three critical issues are financing, power and permits.
2490	06/07/2013 (Ottawa)	Meeting	1) Project update presentation for the MPMO and other agencies in Ottawa.
2451	06/11/2013	E-mail	1) A copy of the 06/07/2013 presentation to the MPMO was provided to regulators.
3289	06/21/2013	Phone Call	1) In follow-up to the meeting with the MPMO on 06/07/2013, discussed HC's comments request to sample ungulates, as well as the federal strength of claim assessment process.
2556	07/15/2013	E-mail	1) YMI provided an update on contact with First Nations since 05/30/2013 to discuss potential Project impacts and mitigation.
2576	07/24/2013	E-mail	1) YMI informed BC EAO and CEA Agency that second letters have been sent to SFN, ALIB and LSIB regarding consultation, and YMI met with NIB in June.
2516	07/30/2013	Phone Call	1) YMI provided an update on the Application/EIS status and ongoing consultation with First Nations.
2621	08/06/2013	E-mail	1) In follow-up to their conference call on 07/30/2013, YMI requested that CEA Agency follow up with Transport Canada regarding a potential trigger of navigable waters. YMI would like to provide information to Transport Canada to address their concerns. On 08/23/2013, CEA Agency provided clarification on TC's involvement in the EA and regulatory process relating to Navigable Water requirements, bridge crossings and transmission lines.
2729	09/09/2013	E-mail	1) YMI provided a copy of its 09/06/2013 letter to ALIB.
2530	09/19/2013	Phone Call	1) Discussed reorganization of EIS, data gaps in and screening comments about the Application/EIS, as well as the 2013 environmental monitoring program.
2532	09/19/2013	Phone Call	1) Discussed YMI's consultation efforts with ALIB and SFN.
2693	11/27/2013	Phone Call	1) YMI provided an update on the Project and Application resubmission, as well as efforts to consult with First Nations for input into the working tables.
2900	02/11/2014	E-mail	1) YMI provided an update on consultation with First Nations and status of the Working Tables. 2) Requested a conference call in March to provide an update.
3070	03/03/2014	Phone Call	1) First Nations Consultation: Consultation summaries to July 31, 2014 will be shared with the First Nations prior to being included in the Application. 2) Screening Comments: Application will include a tracking table with responses to each screening comment received and where it is addressed in detail in the Application/EIS.

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(to July 31, 2014)**

ROC #	Date (Location)	Communication Method	Topic of Discussion
2943	03/13/2014	E-mail	1) Further to ALIB's 02/28/2014 letter raising concerns, YMI asked if BC EAO or CEAA have copies of the noted documents as they have been requested, but not received, from ALIB (BC EAO does not have the reports).
2958	03/28/2014	E-mail	1) YMI provided CEAA and BC EAO with YMI's response to ALIB's 02/28/2014 letter.
2985	04/17/2014	E-mail	1) YMI provided copies of the reports noted in ALIB's 02/28/2014 letter.
3015	05/05/2014 (Kamloops)	Meeting	1) YMI presented an updated Project overview and an outline of the baseline water data collection, including progress to date, monitoring planned for 2014 and plans going forward. Presentations were given on hydrology, hydrogeology and water quality (groundwater and surface). Topics of discussion included the tailings management facility (TMF), data collection programs and measurements, TMF discharge, drinking water users and quality, groundwater use, and surrounding land use.
3086	05/14/2014	Phone Call	1) Agency Meeting: Discussed the 05/05/2014 meeting with agencies to review water baseline data, provide feedback and identify any gaps. Also discussed potential dates for a Working Group meeting. 2) Valued Components (VCs): BC EAO would like to reduce the list of VCs to be included in the EA Application, and will send the proposed revised list to Working Group for review and comment. 3) Certified Project Description: Discussed what is required. 4) Mitigation: CEA Agency asked that mitigation measures be clearly identified in the EA Application.
3115	06/03/2014	E-mail	1) YMI provided notes and the presentation for the meeting on 05/05/2014 with the provincial and federal regulators. Requested that BC EAO and CEA Agency distribute to the others that participated.
3144	06/13/2014	E-mail	1) YMI confirmed that the VCs the BC EAO would like to remove from the list will be characterized and potential impacts described, as appropriate in the EA Application. Provided further information on the assessments done on the four VCs. Noted that the other VCs BC EAO is considering removing from the list (employment and income, business opportunities, worker safety) are discussed in the socio-economic section. CEAA responded 06/13/2014 and noted that YMI's response satisfactorily addresses the federal team concerns and a call is not required.

**Table 3-I2. Summary of YMI's Communications with Federal Government Agencies (to July 31, 2014)**

ROC #	Date (Location)	Communication Method	Topic of Discussion
3095	06/19/2014	Phone Call	1) Discussed the agenda for the Working Group meeting on 08/14/2014 and the BC EAO letter to the Working Group regarding the removal of VCs listed in the Harper Creek AIR. 2) YMI provided an update on consultation activities with First Nations, including input into Working Tables, capacity funding and program of work to support input and involvement in the EA review process.
3098	06/26/2014	Phone Call	1) Discussed communications and consultation with First Nations and Metis Nation BC (MNBC).
3185	07/03/2014	E-mail	1) YMI requested confirmation from the BC EAO on the VCs that will be excluded from the revised list; BC EAO is working on the revised list and will provide when available. 2) YMI also requested, and was provided with, the list of participants for the upcoming Working Group meeting.
3211	07/10/2014	E-mail	1) YMI provided BC EAO and CEAA with a copy of YMI's response to ALIB's letter of 06/06/2014.
3237	07/23/2014	E-mail	1) YMI requested, and received, information for the DFO contact. Will set up a meeting with DFO, BC MOE and the First Nations to discuss fish habitat offsetting options in August or September.
3266	07/23/2014	Phone Call	1) Discussed the meeting with NIB on 07/21/2014. Also, YMI will provide a Project update to MNBC.
3245	07/25/2014	E-mail	1) YMI provided BC EAO and CEA Agency with a copy of the historic report commissioned to document information on the use and occupation of the proposed project area by the landowners in the area. Requested that the report be shared with the BC MFLNRO archaeologist.
3015	Meeting (Kamloops)	05/05/2014	1) YMI presented an updated Project overview and an outline of the baseline water data collection, including progress to date, monitoring planned for 2014 and plans going forward. Presentations were given on hydrology, hydrogeology and water quality (groundwater and surface). Topics of discussion included the tailings management facility (TMF), data collection programs and measurements, TMF discharge, drinking water users and quality, groundwater use, and surrounding land use.
94	06/27/2008	Phone Call	1) YMI will require a DFO Fish Collection Permit for the project area. Referred YMI to the Kamloops office.
116	11/18/2008	Meeting	1) Discussed the Project and possible triggers.
446	08/12/2011	E-mail	1) DFO noted that the Project will require authorization under the Fisheries Act, a fish habitat compensation plan and a compensation monitoring plan. YMI will work with DFO to address these items.
545	09/27/2011	Meeting	1) Discussed fish habitat and sampling.

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(to July 31, 2014)**

ROC #	Date (Location)	Communication Method	Topic of Discussion
2144	10/01/2012	E-mail	1) YMI requested a meeting with DFO and BC MFLNRO to discuss the fisheries studies and fish habitat compensation options.
2155	10/02/2012	E-mail	1) YMI requested DFO's attendance at the 10/22/2012 meeting to discuss fish habitat compensation options with First Nations.
116	11/18/2008	Meeting	1) Discussed the Project and possible triggers (other government agencies also in attendance).
1487	05/30/2012	E-mail	1) YMI and HC (multiple emails, same day) agreed that samples from large mammals and ungulates are not needed, and agreed to sample small mammals as surrogates instead. 2) Health Canada also noted that country foods need to be more fully addressed in the Application.
2490	06/07/2013 (Ottawa)	Meeting	1) Project update presentation to the MPMO and other agencies in Ottawa.
2451	06/11/2013	E-mail	1) A copy of the 06/07/2013 presentation to the MPMO was provided to regulators.
77	06/04/2008	Meeting	1) YMI provided an overview of the Project. Major Projects Management Office (MPMO) and CEAA provided information on the federal regulatory process.
106	09/10/2008	Meeting	1) Discussed the EA review process, Project Description, draft Terms of Reference, First Nations consultation and anticipated timelines.
116	11/18/2008	Meeting	1) Discussed the Project and possible triggers (other government agencies also in attendance).
117	11/24/2008	Phone Call	1) YMI will be scaling back work on the Project, but will continue with some aspects. Discussed First Nations consultation, as well as the Working Group meeting scheduled for 12/11/2008.
2585	06/06/2013 (Ottawa)	Meeting	1) YMI provided an update on the Project and EA process/EIS.
2490	06/07/2013 (Ottawa)	Meeting	1) Project update presentation to the MPMO and other regulatory agencies in Ottawa.
3015	05/05/2014 (Kamloops)	Meeting	1) YMI presented an updated Project overview presentation and an outline of the baseline water data collection, including progress to date, monitoring planned for 2014 and plans going forward. Presentations were given on hydrology, hydrogeology and water quality (groundwater and surface). Topics of discussion included the tailings management facility (TMF), data collection programs and measurements, TMF discharge, drinking water users and quality, groundwater use, and surrounding land use (multiple government agencies in attendance).