



- Timetable for the pre-Hearing exchange of information;
- Identification of interested parties;
- Submissions of interested parties;
- List of issues to be dealt with at the Hearing;
- Desirability of amending the Renewal for the purpose of clarification;
- Procedures for the Hearing; and
- Identification of any other matters that may assist in the simplification and disposition of the Hearing.



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Introduction and Registration

The following parties registered and participated in the TM/PHC teleconference:

- Grise Fiord Hunters and Trappers Organization (HTO);
- Aboriginal Affairs and Northern Development Canada (AANDC); and
- Environment Canada (EC)

A list of the PHC participants is included and provided as Appendix C.

1.0 The Application Before the Board

The Application before the Board by Teck Resources Limited (formerly named Teck Cominco Limited), is for the renewal and amendment of the currently expired Type “A” Water Licence 1AR-POL0311, for a 17-year term, to allow for Post Closure Monitoring activities at the former Polaris Mine. The former Mine is an underground zinc-lead mining property, situated at approximate latitude 75°N and longitude 97°W, on Little Cornwallis Island, approximately 100 km NW of the Hamlet of Resolute Bay, within the Qikiqtani Region of Nunavut (the Polaris Mine).

The Project, as it was previously licensed in 2003, allowed the Applicant to use water during the first two years of the Licence (for reclamation activities) and authorized the deposit of waste associated with closure and decommissioning activities and monitoring activities related to the closure of the former Polaris Mine.

Application and Supporting Materials Submitted by the Applicant

On August 31, 2013, the Application for Renewal and Amendment was received by the Board. Please refer to Appendix A for a listing of documents that were included as part of the Application package.

On June 19, 2014, the Applicant submitted correspondence with a response to comments from Aboriginal Affairs and Northern Development Canada (AANDC) regarding the completeness and information request concerning the Application.

Finally, on August 15, 2014, in response to technical comments received during the full review of the Application, Teck submitted to the NWB, a summary of its responses to the various issues raised in the submissions from interested parties.



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Complete details on all submissions received or related to the Application and the file are available on the NWB’s FTP site, which can be accessed using the following link (Username: *public* and Password: *registry*):

<ftp://nunavutwaterboard.org/1%20PRUC%20PUBLIC%20REGISTRY/1%20INDUSTRIAL/1A/1AR%20-%20Remediation/1AR-POL0311/>

Scope of the Type A Renewal and Amendment Application

The Application before the NWB by Teck is for the Renewal and Amendment of Type “A” Licence 1AR-POL0311. The general scope of the Application includes the following:

- Seventeen (17) year renewal term to allow for post-closure monitoring activities at the former Polaris Mine site;
- A change in the name of the Project to “Former Polaris Mine, Long Term Monitoring, Little Cornwallis Island”;
- Proposed amendment to Part B, Item 2 of the Licence to include a reduction of reclamation security from the current security amount of \$3,539,000 to \$1,324,000;
- Proposed amendment to Part B, Item 3 and Item 6 of the Licence to amend conditions requiring the presentation of quarterly expenditure reports and annual reports;
- Proposed amendment to Part C of Licence to remove conditions applying to water use;
- Proposed amendment to Part D of Licence to remove conditions applying to waste management;
- Proposed amendment to Part G of Licence to remove conditions applying to decommissioning and reclamation;
- Proposed amendment to the conditions applying to the monitoring program under Part H Item 6 of the Licence, geotechnical monitoring requirements, to take into account a reduction in monitoring and reporting frequencies; and
- Proposed amendment to the conditions applying to the monitoring program under Part H to include reduction in monitoring stations, sample frequency and analytical parameters.

2.0 Procedural History

Licence history

Both the Northwest Territories Water Board (NWTWB) and the Nunavut Water Board (NWB) have issued Licences to the project in the past.



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Licences Issued by the NWTWB

The initial licence to conduct mining activities was issued by the NWTWB in November 1981. (NOTE: The details on the duration and scope of the licences issued by the NWTWB to the project are not readily available and reflecting this limitation, more extensive detail has not been provided.)

Licences Issued by the NWB

Licence NWB1AR-POL0311:

- Issued to TECKCOMINCO LTD. on March 1, 2003 and expired on December 31, 2011; and
- Licence allowed for the quarterly use of 250,000 m³ of water during 2003 and for the quarterly use of 200,000 m³ of water during 2004, closure and reclamation activities, deposit of waste and post-closure monitoring activities associated with the former Polaris Mine.

Pre-Licensing Requirements

With respect to this Application, the following pre-licensing requirements were completed:

- July 8, 2014 – Nunavut Planning Commission (NPC) issued correspondence indicating that the November 9, 2002 Conformity Determination still applies to the project; and
- July 25 2014– Nunavut Impact Review Board (NIRB) issued correspondence confirming that the Project is exempt from the requirements for screening in accordance with section 12.4.3 of the NLCA.

Procedural History for the Current Type “A” Water Licence Renewal/Amendment Application

The following includes a brief overview of the procedural history for the Application. It should be noted that the following listing captures only the major procedural aspects of the Application but does not provide a complete history of the file. All documentation and the complete history of the NWB component of the licensing file are available from the NWB’s ftp site at the link identified above.

- August 31, 2013, Teck Resources Limited (TECK or the Licensee) submitted an Application for the renewal and amendment of Licence 1AR-POL0311, the file was



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submitted within an application package, to renew and amend Teck Water Licence 1AR-POL0911 as a new type ‘B’ Licence.

- October 21, 2013, the Nunavut Water Board (NWB or Board) responded to the Application and indicated that as the Type “A” Water Licence applies to license the mining undertaking rather than individual remediation and monitoring activities, the licence type required continues to be a Type “A” Water Licence, regardless of the life cycle stage of the undertaking, until final reclamation is achieved and the licensee no longer requires a water licence. On this basis, the Board requested that the Application provided on August 31, 2013 be considered and processed as an application for the renewal and amendment of the expired Type “A” Water Licence 1AR-POL0311 rather than a new Type “B” Water Licence.
- December 31, 2013, Teck agreed to have the Application submitted in August 2013 considered an application for a Type “A” Water Licence.
- May 8, 2014, the NWB conducted its preliminary review of the Application and distributed the Application for comments on completeness and preliminary technical review.
- May 28, 2014, Aboriginal Affairs and Northern Development Canada (AANDC) provided a submission related to the completeness check and preliminary technical review.
- June 19, 2014, TECK addressed AANDC’s information requests in a letter re: “Former Polaris Mine Long Term Monitoring Program Application to Renew and Amend Water Licence 1AR-POL0911 Response to Completeness Check”.
- July 4, 2014, the NWB distributed the Application for a full technical review and provided public notice of the Application and the date (August 18, 2014) and form (teleconference) for the Technical Meeting and Pre-hearing Conference.
- July 29, 2014, Submission from AANDC re: 1AR-POL0311 – Technical Review Memorandum for Water Licence Renewal/Amendment Licence Process – Polaris Mine Property – Teck Resources Limited (Teck).
- August 1, 2014, Submission from EC re: Licence 1AR-POL0311; Type “A” – Former Polaris Mine Long Term Monitoring, Little Cornwallis Island Project, Renewal/Amendment Application by Teck Resources Limited – Notice of Application and Commencement of Technical Review.



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3.0 Technical Review Comments Received by the Board

Technical review comments specific to the Application were submitted to the Board on or before the posted deadline of August 1st, 2014. Comments were received from AANDC and EC mainly regarding the applicability of the Water Licence terms and conditions, geotechnical and chemical monitoring programs and Project financial security estimate.

4.0 Technical Meeting (TM)

The TM for the Application was held by teleconference on August 18, 2014. As is the Board's practice, the TM was an informal meeting and was chaired by David Hohnstein, the Board's Director of Technical Services. The meeting was attended by the Board staff, Applicant, Interveners and the parties requesting to participate in the TM/PHC when the public notice was provided. In addition, it should also be noted that, as is the Board's normal practice, the Panel Members of the Board (P12), the decision-makers for the Renewal and Amendment Application, did not participate in the teleconference for the TM or the subsequent PHC.

The objects of the TM were outlined to the teleconference participants as follows:

- Examine technical data and other materials submitted as part of the Application, including Interveners' submissions that the Board has received to date for the Application;
- Informally discuss and resolve – to the extent possible –, any technical matters / issues raised between Interveners and the Applicant, particularly those matters that could affect the Board's determination of any PHC issues, in advance of the PHC;
- Provide an opportunity for the Applicant and Interveners to identify for the Board the issues and concerns that have been resolved and to discuss any unresolved or ongoing issues related to the Application;
- Identify opportunities for streamlining the issues and process so as to eliminate existing or potential duplication or delay; and
- Document any commitments made by the various parties involved in the TM, with the aim of carrying forward those commitments to the PHC.

The TM participants were advised that upon completion of the TM, the Board expected any outstanding issues in respect of the Application would be resolved, or if not resolved, that some form of agreement, including commitments by the parties would be achieved by the parties to



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enable the Application to proceed to the next step of the licensing process, the Pre-Hearing Conference, notwithstanding any unresolved issues.

At the TM the following key issues were discussed:

- Term of Licence;
- Long Term Monitoring Proposal, both geotechnical and water quality;
- Financial Security Estimate;
- Subsidence Hazard Mitigation; and
- Water Licence Cancellation after 2029.

At the completion of the TM it was confirmed by all participants that there were no outstanding issues that would prevent the Board from moving forward to a Public Hearing in respect of the Application. During the TM, Teck committed (“commitment #1”) to following up with AANDC and EC’s request to carry out their next inspection and monitoring at the first available opportunity (recognizing that the site visit scheduled for the week of August 18 was going to be delayed due to weather and difficulties with rescheduling attributed to the air chartering company) and to provide a report on the findings no later than thirty (30) days prior to a proposed hearing date. This and further commitments are identified in the Commitment List provided as Appendix D and attached to this Report.

Additional commitments leading to the public hearing, included “commitment #2”, for all parties present, including the NWB, to provide a written submission on the requirements of the Licensee’s regulatory requirements for abandonment and final reclamation under the Water Licence (including a discussion of the process for the Licensee to cancel the licence and be released from future obligations).

And finally, “commitment #3” was a request to all parties, within their final submissions, to include information regarding potential alternatives on reclamation security that would ensure adequate security amounts are in place over time, taking into account inflation and changing liability at the site.

5.0 Pre-Hearing Conference (PHC)

As the parties confirmed in the TM that there were no outstanding issues that would prevent the Renewal and Amendment Application from proceeding to the next step in the licensing process, a Public Hearing, the PHC portion of the Agenda proceeded on the afternoon of August 18, 2018 by teleconference.



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The PHC was chaired by the Board’s Executive Director, Damien Côté with the same parties as those who participated in the TM. The purpose of the PHC was to discuss the various matters as set out in Rule 14 of the Rules in preparation for the Public Hearing. Specifically, Rule 14 directs that the following matters be addressed through the PHC:

- To set a timetable for the Pre-Hearing exchange of information;
- To finalize the list of issues to be dealt with at the Hearing;
- To identify interested parties;
- To consider the desirability of amending the Application for the purposes of clarification;
- To finalize procedures to be followed in the Hearing; and
- To consider any other matters that may aid in the simplification and disposition of the application at the Hearing.

Timetable for Pre-Hearing Exchange of Information

As required by s. 55(2) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, S.C. 2002, c. 10 (NWNSTRA), the NWB must give the public and parties a minimum of sixty (60) days’ notice in advance of a Public Hearing.

The Applicant and interveners in attendance were polled regarding any outstanding information requirements that must be supplied in advance of a Public Hearing. All parties indicated that it is expected that the 2014 Site Monitoring Report, which will be produced by the Applicant following a site visit by the Applicant’s consultants (scheduled for mid-August, but delayed due to issues with weather and the charter company) will provide a clearer picture of the site’s current chemical and geotechnical conditions.

The Applicant stated that the 2014 Monitoring Report would be available by the end of October. Aboriginal Affairs and Northern Development Canada and Environment Canada stated that they required sufficient time to review the Report (14-21 days at a minimum) in order to include their replies to the Report in the Intervener’s final written submissions filed in advance of the Public Hearing for this Application.

The Board notes that as discussed at the TM/PHC, these timelines are very much influenced by the date on which monitoring at site would be carried out and for the subsequent issue of the Monitoring Report, and the NWB notes that if the site visit timelines change significantly over what is currently expected, the tentative timelines developed by the Board on the basis of the



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discussions at the PHC and the assumption that the parties will meet their commitments for the exchange of materials will be revisited.

The Board also notes that the parties indicated their preference for the timing of the Public Hearing in the early part of December 2014 or mid-January 2015, with the period from mid-December to mid-January being more difficult to accommodate a Public Hearing due to the holiday season.

Reflecting these factors, the Board requires the participants to observe the following timetable:

- On or before **Friday, September 19, 2014**, the Applicant to confirm that the 2014 site visit has taken place;
- On or before **Friday, October 3, 2014**, the NWB will provide Notice of the Public Hearing for this Application;
- On or before **Friday, October 17, 2014**, the Applicant will provide the 2014 Monitoring Report to the Board for distribution;
- All further and final written submissions provided by interveners must be filed with the Board on or before **Friday, November 7, 2014**;
- All further and final responses of the Applicant to the information filed to date must be filed with the Board on or before **Friday, November 14, 2014**;
- Any presentations (e.g. PowerPoint Presentations, etc.) upon which anyone intends to rely at the Public Hearing must be filed with the Board on or before **Friday, November 21, 2014**;
- If the interveners and/or the Applicant file additional written submissions, final responses and presentation materials as outlined above, they are also required to provide **an Executive Summary of their written submissions in both English and Inuktitut and fully translated copies of their presentation materials in English and Inuktitut at the same time** as they file the full submission; and
- The Board requires any party requesting French translation of the Executive Summary materials, Presentation materials and/or requesting the Board to provide simultaneous French at the Public Hearing to make such requests to the Board in writing **on or before Friday, October 17, 2014**.

All submissions will be posted on the NWB’s ftp-site (<ftp://nunavutwaterboard.org/>) and in the public registry upon receipt. A copy of the public registry as it relates to the Application will be available for review at the Public Hearing.



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Identification of Interested Parties

A complete list of interested parties that attended the TM/PHC is set out in Appendix C. During the PHC, the following parties confirmed their participation and attendance at the Public Hearing:

- The Applicant, Teck Resources Limited;
- The Grise Fiord Hunters and Trappers Organization (HTO);
- Aboriginal Affairs and Northern Development Canada (AANDC); and
- Environment Canada.

Further, the parties indicated that in addition to the general public notice, a specific invitation to the Public Hearing should be extended to local Elders Committees and Hamlet Councils in the affected communities, as well as the Government of Nunavut, Department of Environment.

Provision of Final Written Submissions from Interested Parties

Any additional information that the parties wish the Board to consider during their review of the Renewal-Amendment Application must be filed with the Board in advance of the Public Hearing and in accordance with the timelines outlined under the heading “Pre-hearing Exchange of Documentation” above.

List of Issues

The intervening parties in attendance at the TM/PHC confirmed that none of the unresolved or outstanding issues associated with the Renewal Application and the related information requirements should prevent the Board from proceeding with the Public Hearing.

The following issues were identified in the technical review comments received by the NWB and were discussed in the Technical Meeting by the parties present as needing to be addressed in the Public Hearing for this Application:

- Revisions to monitoring and reporting under a renewed Licence pursuant to the proposed Supplemental Long-Term Monitoring Program 2014-2029, including:
 - revisions to monitoring frequency;
 - revisions to reporting requirements;
 - revisions to sampling parameters, locations and intensity; and
 - establishment of thresholds to increase monitoring requirements if monitoring results demonstrate unpredicted effects
- Term of Licence, including:



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- Length of term; and
 - Clarification on issues relating to what constitutes “final abandonment and reclamation” (i.e. cancellation of licence during term and mechanisms to release a Licensee from potential future obligations)
- Updated closure and reclamation planning
 - Security, including:
 - Adequacy; and
 - Contingency to account for inflationary fluctuations, increases to monitoring requirements, etc.

Desirability of amending the Application prior to the Hearing

The parties confirmed that no amendments to the Application are required prior to a Public Hearing.

Procedures for the Public Hearing

Parties were asked for their views with respect to the form of the Public Hearing (written, teleconference or in-person). The local Hunters and Trappers Organization favored an in-person Public Hearing, and the Applicant favored a teleconference Public Hearing or, alternatively, a written Public Hearing. Aboriginal Affairs and Northern Development Canada and Environment Canada favored a teleconference Public Hearing. With respect to the location of a potential in-person Public Hearing, the parties indicated that the most directly affected community is Resolute Bay.

On the basis of the public interest as this undertaking approaches the final stage of reclamation, the length of the term requested, the significant changes to monitoring frequency and extent and a proposed reduction in the reclamation security held under the amended Type “A” Water Licence, the Panel determined that it was most appropriate for the Board to hold an in person Public Hearing for the Application. By Motion # 2014-14-P12-03, the Panel decided that an in person Public Hearing should be held in Resolute Bay, with community representatives from Griese Fiord being invited to participate (including with support for this travel for designated community representatives). By holding the in person Public Hearing in Resolute Bay, with representation from Griese Fiord, the Board will ensure that the concerns and preferences of the affected communities are provided to the Board and can be considered in the Board’s review of the Application. At present, based on the time commitments outlined in the discussion of the exchange of documents outlined above, the Public Hearing is tentatively scheduled for the week



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of December 1-5, 2014. These dates are subject to final confirmation by way of Public Notice once the Board receives confirmation from the Applicant regarding the site visit and delivery of the 2014 Monitoring Report.

The parties have confirmed that they do not anticipate that any deviations from the Board's Rules of Practice and Procedure (May 2005) (Rules), will be required and as such, the Board directs all parties that the Public Hearing will be conducted in accordance with Parts III and IV of the Board's Rules.

Measures to Simplify the Disposition of the Application

No measures to simplify the disposition of the Application were identified at the PHC.

Steps following the Public Hearing

When the Panel has reached a decision, which is typically within thirty (30) days of the close of the Hearing Record, the Board will issue its Record of Proceedings and Decision to the Minister of Aboriginal Affairs and Northern Development Canada. If the Panel recommends that the Renewal (and Amendment) Application be granted, a draft Licence would also be provided for the Minister's consideration.

If you require additional information regarding this Application, the Board's specific direction or the Board's processes in general, please do not hesitate to contact the Board's Director of Technical Services, David Hohnstein, david.hohnstein@nwb-oen.ca. For any of the administrative matters related to the Public Hearing please contact the Board's Manager of Licensing, Phyllis Beaulieu, at licensing@nwb-oen.ca.

Regards,

Damien Côté
Executive Director

Attachments:

- Appendix A: List of Application Submissions
- Appendix B: Technical Meeting and Pre-Hearing Conference Agenda
- Appendix C: List of Participants at the Technical Meeting and Pre-Hearing Conference



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Appendix D: List of Commitments Generated during the Technical Meeting/Pre-Hearing Conference held August 18, 2014 for Licence 1AR-POL0311, Renewal/Amendment Application



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APPENDIX A: List of Application Submissions (provided by Applicant)

1. Letter - Report to B. Donald Teck Metals Ltd. from Randy Baker, Azimuth Consulting Group Inc. ; Re: “Long Term Monitoring Program of Garrow Creek, Polaris Mine, Nunavut”, on April 4 2013. App. A, Garrow Lake Dam Effect of Removal on Lake Stability and Outflow Water Quality by P. Erickson AXYS Environmental Consulting, March 12, 2001.
2. Letter to S. Sigurdson, from B. Donald (Teck); Re: “Polaris Mine Environmental Effects Monitoring (EEM) Interpretative Report Review”, on Sept 29, 2006. Enclosed: Letter Report to J. Davison (Cominco Ltd), from P. Erickson (Axys Environmental Consulting Ltd.), Re: Garrow Lake Model - 2001 Summary Report, on March 7 2002.
3. Letter to P. Beaulieu (NWB) from B. Aglukark (NPC); Re: “NWB file #NWB1POL Water Licence (Renewal)”, on Nov 9, 2002. Enclosed: letter Att B. Aglukark (NPC) from B. Donald (Teck); Re: Compliance with Terms of NBRLUP with Respect to NWB file # NWB1POL Water Licence on October 30, 2002.
4. Screening Decision to T. Kudloo (NWB) from E. Copland (NIRB); Re: “Screening Decision of the Nunavut Impact Review Board (NIRB) on Application: NIRB 01MD098 NWB NWB1POL Decommissioning and Reclamation of Polaris Mine”, on December 5, 2002.
5. Letter to B. Donald from J. Ferone (Environment Canada, EC); Re: “Polaris 2005 Annual MMER and EEM Report”, on July 27, 2006.
6. Letter to B. Donald (Teck) from S. Sigurdson (EC); Re: “Polaris Mine Environmental Effects Monitoring (EEM) Interpretative Report Review”, on September 15, 2006. Enclosed: Technical Advisory Panel (TAP) Review Comments on ' Environmental Effects Monitoring (EEM) Teck Cominco Polaris Mine, Nunavut, Interpretative Report'.
7. Email to K. Tunaley from D. Bruce (Teck); subject: “FW: Polaris testing -sub lethal tests missed”, on Sept 11 - 2009. Enclosed: email to D. Bruce and R. Baker from R. Gaulton; subject: Re: Polaris testing -sub lethal tests missed on September 12, 2009. And email from D. Bruce, Teck, to R. Gaulton and R. Baker; subject: Polaris testing -sub lethal tests missed, on September 12, 2009.
8. Letter to B. Donald (Teck Resources Ltd.) from D. Hohnstein (NWB); subject: “Reconciliation of Administrative Requirements of Type “A” Water Licence 1AR-POL0311” on September 1, 2009.
9. Letter Attention: D. Hohnstein (NWB) from B. Donald (Teck); subject: “Response to Reconciliation of Administrative Requirements of Type "A" Water Licence 1AR-POL0311”, on October 18, 2009. It includes Attachment 1 Inuktitut Translation 2006 3rd Quarter and Annual Report; Attachment 2 Mass Loading Monitoring Results for Cadmium and Mercury.
10. Letter-Report to B. Donald (Teck Metals) from R. Baker (Azimuth); Re: “Evaluation of Limnological and Chemical Conditions of Garrow Lake and Chemistry of Garrow Creek 2002-2011”, dated Oct 17, 2011.



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11. Letter - Report to B. Donald (Teck Metals), from Randy Baker (Azimuth); Re: “Assessment of Total and Dissolved Metals Concentrations in the Water Column of Garrow Lake”, dated Dec 1st, 2011.
12. Letter to P. Beaulieu (NWB) from A. Dunn (Environment Canada, EC) ; Re: “Comments related to cancellation of Polaris Type A Water Licence”, on December 22, 2011.
13. Letter to NWB from I. Parsons (Aboriginal Affairs and Northern Development Canada, AANDC); Re: “#1AR-POL0311 - Teck Resources Ltd. Letter of Proposal for the Cancellation of Existing Water Licence #1 AR-POL0311 and the Application of a New Type 'B' Water Licence for the Polaris Mine Site - Polaris Mine - Teck Resources Ltd.” on December 22, 2011. Enclosed: Technical Review Memorandum to P. Beaulieu (NWB) from I. Parson and A. Cull (AANDC); Re: #1AR-POL0311 – Teck Resources Ltd. Letter of Proposal for the Cancellation of Existing Type ‘A’ Water License, #1AR-POL0311, and the Application of a New Type ‘B’ Water License for the Polaris Mine Site - Polaris Mine – Teck Resources Ltd.
14. Email to K. Tunaley, from C. Tickner (Nunavut Planning Commission, NPC); subject: Teck Metals - Former Polaris Mine Long Term Monitoring Program, on March 22, 2013. Enclosed: email to B. Aglukark from K. Tunaley; subject: Teck Metals - Former Polaris Mine Long Term Monitoring Program, on March 12, 2013.
15. Email to K. Tunaley from A. Hason Nunavut Impact Review Board (NIRB); Re: “Teck Metals Ltd. -Former Polaris Mine Long Term Monitoring Program”, on March 12, 2013. Enclosed: email to A. Hanson (NIRB) from K. Tunaley; subject: Teck Metals Ltd. - Former Polaris Mine Long Term Monitoring Program, on March 12, 2013.
16. Report: "Former Polaris Mine Decommissioning and Reclamation Public Engagement Report 2003-2013; Teck Metals Ltd. April, 2013". App. A Community Meeting Posting Advertisements; App. B Community Meeting Radio Announcements; App. C Community Meeting Sign In Sheets; App. D Community Meeting Executive Summary; App. E Community Meeting Posters; App. F Community Meeting Notes; App. G Community Meeting Presentation.
17. “Water Licence 1AR-POL0311 Compliance Assessment and Requested Amendments; Former Polaris Mine Long Term Monitoring Program Compliance Assessment and Requested Amendments”, on April 2013 (Teck).
18. Letter-Report to B. Donald, (Teck Metals) from Randy Baker (Azimuth Consulting Group Partnership, Azimuth) ; Re: “Implications of Sublethal Toxicity Testing Results at Polaris Mine”, on April 3, 2013.
19. Report: “Former Polaris Mine Decommissioning and Reclamation Summary of reporting 2003-2011”; Teck Metals Ltd. on April 2013. App. A CD of all NWB and MMER Reports.
20. Report: "Proposed Long-Term Geotechnical Monitoring Program. Former Polaris Mine Site, Nunavut", Golder Associates on May 28 2013
21. Teck Resources Limited Notarial Certificate, on June 6th 2013.



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22. Drawing: “Polaris Mine/General/reports/ Topographic Plan Proposed Sampling Locations. Teck. DWG N0 PM-2013-CSL-0”, on July 10th , 2013.
23. Report: “Polaris Mine Projected Site Monitoring Costs 2014 to 2031”; Teck on August 29 2013.
24. Application for Water Licence Amendment, signed by B. Donald (Teck) on August 30, 2013
25. Email-cover to Polaris Distribution List (DL), from B. Donald (Teck Resources Ltd., Teck); subject: “Polaris Mine - Application for Type B Water Licence Email 1 of 7”, on August 31, 2013.
26. Email to Polaris Distribution List, from B. Donald (Teck); subject: “Polaris Mine - Application for Type B Water Licence Email 1 of 7” on August 31st, 2013.
27. Cover Letter to P. Beaulieu (NWB) from B. Donald (Teck); Re: Former Polaris Mine Long Term Monitoring Program: Application to renew and amend Teck Metals Ltd.’s Water Licence 1AR-POL0911 as a Type ‘B ’ WL”, on August 31st, 2013.
28. Résumé D. Johnson, Golder Associates Ltd. –Mississauga.
29. Résumé R. Hammet, Golder Associates Ltd. - Burnaby -Employment History.
30. R. F. Baker, M.Sc. R.P. Bio (Résumé)
31. List of Directors: Teck Metals Ltd (formerly, Teck Cominco Metals Ltd.).
32. Executive Summary - Application (English).
33. Executive Summary- Application (Inuktitut).
34. Letter to P. Beaulieu (NWB) from B. Donald (Teck); Re: “Expiry of Licence 1AR-POL0311 - Polaris Mine”, on October 17, 2011.
35. Proposed Type “B” Water Licence, Former Polaris Mine Long Term Monitoring Program on August 2013.
36. Letter to David Hohnstein (Nunavut Water Board, NWB) from B. Donald (Teck); Re: “Former Polaris Mine Long Term Monitoring Program: Application to renew and amend Teck Metals Ltd.’s Water Licence 1AR-POL0911 as a Type ‘A’”, on December 31st 2013.



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APPENDIX B: TM/PHC Agenda August 18, 2014

AGENDA

TECHNICAL MEETING and PRE-HEARING CONFERENCE

NWB File No. 1AR-POL0311
Teleconference (1888-289-4573; Access 820-4234)

Application: Type “A” Licence – Renewal-Amendment – Former Polaris Mine Long Term Monitoring, Little Cornwallis Island Project

Applicant: Teck Resources Limited.

August 18, 2014, 9:00 a.m. – 3:00 p.m., MST (and August 19, 2014, 9:00 a.m. -3:00 p.m. MST if required)

Technical Meeting

1. Introduction of Participants
2. NWB’s Opening Remarks (15 Minutes)
3. Purpose of the Technical Meeting/Pre-Hearing Conference
4. Technical Review of the Application
 - a. Presentation on the current status of the Former Polaris Mine Long Term Monitoring, Little Cornwallis Island Project by Teck Resources Limited.
(30 minutes)

Health Break (15 Minutes)

- b. Identification of interested parties
- c. Presentations from interested parties (20 Minutes/Party)
- d. Identification of the parties’ commitments to resolve technical issues
- e. Formulation of outstanding issues.

Lunch (60 Minutes)

5. Pre-Hearing Conference
 - a. Identify issues preventing application from proceeding to a hearing
 - b. Discuss form, timing and location of the Hearing
 - c. Establish timetable for the pre-hearing exchange of information, including:
preparation and service of documents to parties (deadlines, form, public registry); and
document translation requirements;
 - d. documentation to be included in the hearing record
 - e. Finalize list of issues to be dealt with at the Hearing



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- f. Identify interested parties
- g. Identify any changes to Application for the purposes of clarification
requested modifications to the applicable NWB Rules of Practice and Procedure
for Public Hearing (May 2005); and
language requirements at the Hearing
- h. Final procedures to be followed at the Hearing, including:

Health Break (15 Minutes)

- 6. Other Issues
- 7. Closing of the Meeting



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APPENDIX C: Attendees at TM/PHC

Participant	Representing
Megan Porter, Licensing Administrator	NWB
Sonia Aredes, Technical Advisor	NWB
Ben Kogvik, Secretary to the Board, Interpreter/Translator	NWB
Damien Côté, Executive Director	NWB
David Hohnstein, Director Technical Services	NWB
Teresa Meadows, Legal Counsel (Shores Jardine, LLP)	NWB

Participant	Representing
Bruce Donald, Manager of Dormant Properties	Teck Resources Limited
Randy Baker, Azimuth Consulting (Technical Meeting only)	Azimuth
Robin Sidsworth, Legal Counsel	Teck Resources Limited
Stephen Lines, permitting consultant Teck (Tunaley, Lines & Associates)	Tunaley, Lines and Associates;
Karlette Tunaley, permitting consultant Teck (Tunaley, Lines & Associates)	Tunaley Lines and Associates;

Participant	Representing
Jaypete Akeagok	Grise Fiord HTO

Participant	Representing
Murray Bay, Manager Water Resources	AANDC
Karen Costello, Director, Resource Management	AANDC
Sina Muscati, Legal Counsel	Department of Justice Canada

Participant	Representing
Michael Mohammed, Senior Environmental Assessment Coordinator	EC



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APPENDIX D: List of Commitments Generated during the Technical Meeting/Pre-Hearing Conference held August 18, 2014 for Licence 1AR-POL0311, Renewal/Amendment Application

1. Commitment requested by AANDC and EC of Teck to undertake site inspection, conduct sampling in August/September 2014 and provide a report of the results at least 30 days prior to the Public Hearing. (NOTE: Geotechnical inspection will include review of areas showing potential subsidence as identified by AANDC on-site inspector in July).
2. Commitment requested by Teck for all parties to provide written submissions on the issue of regulatory requirements for abandonment and final reclamation under the Water Licence (including process for cancelling the licence and being released from future obligations).
3. Commitment requested by NWB for all parties to provide further written submissions regarding contingency for reclamation security, over time.