

EMAB Board Meeting Minutes
Day One - November 15, 2002
Yellowknife, NT

Present:

Robert Turner, Chair, North Slave Metis Alliance
Floyd Adlem, Vice-chair, Government of Canada
Doug Doan, Secretary-Treasurer, Government of the Northwest Territories
Erik Madsen, Diavik Diamond Mines Incorporated
Florence Catholique, Lutsel K'e Dene First Nation
Lawrence Goulet, Yellowknives Dene First Nation
Angus Martin, Yellowknives Dene First Nation (alternate)
John Morrison, Government of Nunavut (alternate)
Johnny Weyallon, Dogrib Treaty 11 Council
Doug Crossley, Kitikmeot Inuit Association

Support Staff:

Lisa Best, GeoNorth (minute taker)

Opening Prayer – Lawrence Goulet
Welcome from Chair
Commencement by Bob Turner at 9:10 am

Agenda Items & Discussion Headings	Discussion / Recommendation
Approval of Agenda	<p>Discussion took place regarding working on the operations manual on November 16th. It was agreed that prior to re-writing the operations manual, the board would identify what EMAB wants in the manual and necessary policy priorities.</p> <p>Amendments to EMAB Agenda:</p> <ul style="list-style-type: none">• Add discussion of the Cameco trip agenda - DDMI & EMAB Northern Saskatchewan Tour• For Monday Nov. 18th, due a change in Diavik flight schedule, Diavik presentation will take place after lunch. <p>Motion #01-02-11-15 <i>Approve agenda as amended.</i> <i>Moved:</i> Floyd Adlem <i>Seconded:</i> John Morrison <i>Carried:</i> Unanimously</p>

1st Correction on page 3 – Executive reports 4th paragraph. Board decided to set up meeting should be *Executive met with Outcrop*.
2nd Correction on page 15 – Anne Gunn's name was spelt wrong.

Approved minutes by motion: 02-02-12-11

<p>Approval of Minutes September 23, 24 & 25, 2002</p>	<p>5 corrections noted – see footnotes of amendments on pages 3, 4, and 10. Motion #02-02-11-15 <i>Accept minutes as amended.</i> <i>Moved:</i> Doug Doan <i>Seconded:</i> Erik Madsen <i>Carried:</i> Unanimously</p>
<p>Approval of Minutes October 17, 2002</p>	<p>Motion #03-02-11-15 <i>Accept minutes as presented.</i> <i>Moved:</i> Doug Doan <i>Seconded:</i> Lawrence Goulet <i>Carried:</i> Unanimously</p>
<p>Review of Annual General Meeting Minutes</p>	<p><u>4 corrections made – see footnotes of amendments on pages 1, 3, 4 and 7.</u> The board reviewed the Annual General Meeting (AGM) minutes and the above corrections were made. The AGM minutes will be formally approved at next year’s AGM.</p>

Johnny Weyallon of the Dogrib Treaty 11 Council joined the group.

<p>Agenda Items & Discussion Headings</p>	<p>Discussion / Recommendation</p>
<p>DDMI & EMAB Northern Saskatchewan Tour</p>	<p>Erik Madsen presented the agenda for the North Saskatchewan Tour for November 25 to 27th.</p> <p>The four people from the Environmental Monitoring and Advisory Board that will attend are tentatively Angus Martin, Florence Catholique, Johnny Weyallon and Floyd Adlem.</p> <p>Diavik will pay for the trip airfare costs and the accommodations upfront, however EMAB will reimburse Diavik for the EMAB representative’s accommodation costs.</p> <p>Reminder: bring towels etc. (the Cameco facilities are similar to facilities at the Diavik site).</p> <p>Cameco will supply all safety gear (safety boots, hard hats etc.).</p> <p>Floyd Adlem will bring the EMAB promo stuff.</p> <p>Erik Madsen will provide Linda with further important details regarding the trip.</p>

Break – 10:00 am

Reconvene – 10:25 am

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Hal Mills of GeoNorth Limited joined the group.

Agenda Items & Discussion Headings	Discussion / Recommendation	Action
Executive Reports (Financial)	For the future, the intention is to have a brief update at every meeting. Due to the accountant's absence there is not a report for this meeting. However, there will be a brief financial report for October and November at the December meeting.	
Executive Reports (Communications Strategy)	<p>Hal Mills is acting as project manager for the Communications Strategy project awarded to Outcrop. Hal updated the board on the outcomes of his three meetings with Outcrop.</p> <p>The interviews are complete, the analysis is close to complete, and the project is on schedule.</p> <p>Challenges with putting the strategy together (not affecting the delivery of product) were identified to be, the lack of an executive director, possibilities of a single regional monitoring board, and a significant difference of opinion amongst board members regarding the board priorities.</p> <p>The Executive set up a meeting for five pm on Wednesday, November 20th, 2002 with Brian M. of Outcrop. The purpose of the meeting will be to discuss the challenges presented.</p> <p>Hal will contact Brian M. of Outcrop to invite him to a meeting on November 20th, 2002 at five pm.</p> <p>Comment was made that if there are competing priorities, they could be incorporated into the options Outcrop may present as part of the report. Also, the various definitions/references to "capacity" may be confusing.</p> <p>Draft report is due by Nov. 29th and may be wrapped up by December.</p>	
DFO Letter Responses Received October 16, 2002.	<p>Bob asked Hal to review and comment on the DFO letter responses to:</p> <ol style="list-style-type: none"> EMAB's June 28th, 2002 recommendations and comments on the DDMI conceptual design and draft implementation work plan for fish habitat compensation, slimy sculpin baseline metals study, lake trout habitat utilization study, inland lakes fish-out study and revised final report, 	Hal to review and comment on the two DFO letter responses received October 16 th in response to EMAB's June 28 th letter (recommendations & comments to

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	and the north inlet fish salvage project. 2. EMAB’s June 25 th Recommendations to DDMI and DFO pertaining to fish and fish habitat monitoring activities associated with the Diavik Diamond Mines Project.	DDMI) and EMAB’s June 25 th letter (recommendations to DFO and DDMI).
Executive Reports (Capacity Funding)	Hal was asked to contact Graeme Dargo and get a status report on the capacity contract.	

Hal Mills of GeoNorth Limited parted the group.

Agenda Items & Discussion Headings	Discussion / Recommendation	Action
Executive Reports (GeoNorth Services)	<p>Description of EMAB’s letter of agreement with the GeoNorth Services.</p> <p>Letter of Reply re: <u>GeoNorth Unsolicited Proposal for Providing Temporary Staff Support to the Environmental Monitoring Advisory Board (EMAB)</u></p> <ul style="list-style-type: none"> • EMAB is not prepared to enter into a contract, on the basis of the two options provided in the GeoNorth letter. • EMAB is interested in a contractual arrangement which would enable EMAB to retain GeoNorth services on an <i>as and when</i> basis to undertake specific initiatives and assignments which may arise during the next several months. <p>The above agreement with GeoNorth is similar to a standing offer agreement.</p> <p>It was raised that the entire board – not just the Executive, should review the unsolicited proposals and be aware of board responses.</p> <p>Each significant task carried out under the standing offer agreement should be assigned with a letter/piece of paper/contract. Prior to start of work things should have a budget with details of work to be conducted.</p>	

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	<p>Suggestion was made, that there should be a specific written agreement for Hal to review the fisheries work.</p> <p>It was suggested that the board start a list of contractors available for standing offer agreements and have a listing of their daily rates. The suggestion instigated discussion regarding rules that would be necessary to put in place if such a list were to be developed.</p> <p>It was conceded, that necessary procedures to deal with issues such as the above shall be documented in the operations manual.</p>	<p>Bob will follow up with Hal and ask him to provide EMAB with an estimate for work conducted re: fisheries work.</p>
<p>Personnel Report</p>	<p>A discussion took place regarding EMAB's budget. Concern was raised that budgets planned for the executive director and communications officer are no longer representative. It was recognized that the budget possibly needs revisions. Depending on this year, it is unknown whether EMAB will be under budget or at budget.</p> <p>Floyd and Doug will itemize differences that they are aware of within the budget.</p> <p><i>Question:</i> Has the work plan and budget yet been discussed with DDMI? <i>Answer:</i> Not yet, EMAB is waiting for a response re: the submitted work plan and budget.</p>	
<p>Inspection Report</p>	<p>Due to bad weather/travel hold ups, Julian Kanigan of DIAND was unavailable to present the inspection report. It was planned to try and arrange for Julian's report at nine am on Monday, November 18th, 2002.</p>	
<p>TK Workshop</p>	<p>Bob sent out the letters seeking support from the various aboriginal groups to work together on future Traditional Knowledge monitoring associated with Diavik. The only formal response received was from the Kitikmeot Inuit Association who supports the idea fully. Through informal conversations with Archie Catholique and others, Bob sensed general support for working together.</p> <p>It was suggested that a date be set and invitations be put out for a gathering to brainstorm ideas re: working together on TK monitoring.</p> <p><i>Question:</i> Is this meant to be a joint venture with IEMA still? <i>Answer:</i> It was in the original contract.</p>	

	<p>It was suggested that EMAB set the agenda and invite IEMA to participate.</p> <p>Further discussion will continue during the action item review.</p>	
<p>Review Outstanding Action Items (ROAI) Team Building Exercises</p>	<ul style="list-style-type: none"> • Not a priority 	
<p>ROAI Server Change</p>	<p>Arctic Data has installed a high speed internet which is not currently working. Due to lack of customer service from Arctic Data, Linda requested that EMAB change suppliers. EMAB resolved to hook up a cable connection.</p>	<p>EMAB will get hooked up with cable.</p>

Break – 12:00 noon

Reconvene – 1:30 pm

Floyd Adlem chaired the meeting for the remainder of the afternoon in Bob Turner’s absence.

Agenda Items & Discussion Headings	Discussion / Recommendation	Action
<p>Review Outstanding Action Items Continued... Office Hours/ Administration – Executive allowance</p>	<ul style="list-style-type: none"> • To be dealt with in operations manual 	
<p>ROAI Sign up to MVLWB distribution list</p>	<ul style="list-style-type: none"> • Bob and Floyd will discuss this with Bob Wooley 	
<p>ROAI Ask 5D Management about a better design for a spreadsheet</p>	<ul style="list-style-type: none"> • Completed – the spreadsheet design is currently at its best 	
<p>ROAI Field trip/travel insurance coverage status</p>	<ul style="list-style-type: none"> • Eric Yaxley is working on this 	
<p>ROAI Review of Capacity Reports</p>	<ul style="list-style-type: none"> • Remove action item – currently being completed 	

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<p align="center">ROAI Operations Manual Action Items</p>	<ul style="list-style-type: none"> To be added to operations manual 	
<p align="center">ROAI EMAB Policy Action Items</p>	<ul style="list-style-type: none"> To be added to operations manual 	
<p align="center">ROAI DDMI reporting back to EMAB with letter re: issues and solutions of the degradation of samples previously dealt with by the DTC.</p>	<ul style="list-style-type: none"> Board still wants a letter from DDMI regarding this issue 	
<p align="center">ROAI Relationship with Regulatory Agencies</p>	<ul style="list-style-type: none"> These two action items regarding relationships with regulatory agencies will be merged into one action item 	
<p align="center">ROAI New Action Item re: Relationship with Regulatory Agencies</p>	<ul style="list-style-type: none"> New action item created: 	<p>Before March 31st invite the regulatory agencies to discuss their communication role. Executive will create agenda. A facilitator will be considered to develop relationships.</p>
<p align="center">ROAI Action Items regarding developing a communications strategy and hiring a community resource person</p>	<ul style="list-style-type: none"> The two action items are completed – to be dealt with in Information/Communications Strategy to be developed by Outcrop 	
<p align="center">ROAI Overview of various boards and committees</p>	<ul style="list-style-type: none"> Added to new action item created considering a facilitator to develop relationships in the meeting before March 31st inviting the regulatory agencies to discuss their communication role. 	
<p align="center">ROAI EMAB Website</p>	<ul style="list-style-type: none"> Erik has given Brian Mitchell of DDMI the list of what EMAB wants on the website Erik and Floyd will work together to put together the digital information Brian needs 	
<p align="center">ROAI Meeting with Bob Wooley re: issue of letter response time</p>	<ul style="list-style-type: none"> Remove – no longer an action item. 	

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<p align="center">ROAI Environmental Agreement plain language summary and translation</p>	<ul style="list-style-type: none"> To be left as a <i>bring forward</i> item. The first step is to summarize the Environmental Agreement in plain language and then translate the plain language summary. This action may be dealt with after communications strategy has been developed.
<p align="center">ROAI Update pamphlet and translate</p>	<ul style="list-style-type: none"> This action may be dealt with after communications strategy has been developed.
<p align="center">ROAI Question of whether a scientific panel is required</p>	<ul style="list-style-type: none"> Remove – no longer an action item.
<p align="center">ROAI Question of RWED’s process for reviewing documents</p>	<ul style="list-style-type: none"> EMAB wants a letter from Doug Doan outlining the details of RWED protocol on responding to EMAB, however <i>EMAB still needs to write RWED a letter requesting this</i> Brief discussion determined that if EMAB writes to the directorate office everything will be logged and responded to. Therefore, if EMAB is looking for a quick turn around response, the best procedure would be to mail letters to the Deputy Minister or Doug Doan.
<p align="center">ROAI Letter to DFO re: no net loss plan</p>	<ul style="list-style-type: none"> Completed
<p align="center">ROAI Letter drafted by Hal re: inspections</p>	<ul style="list-style-type: none"> Completed
<p align="center">ROAI Breakdown of Party Involvement in the northern content hiring.</p>	<ul style="list-style-type: none"> Completed – Erik presented the following: There are currently approximately 650 people on site. 50% are northern, 30% are aboriginal and 20% are southern. In operations specifically 70% are northern and 30% are aboriginal. Detailed Party breakdown is available through the socio-economic branch.
<p align="center">ROAI Action item re: Recommendations #10</p>	<ul style="list-style-type: none"> Floyd and Bob will look into what this action item is referring to.
<p align="center">ROAI Letter to chiefs and members re: working together for traditional knowledge work</p>	<ul style="list-style-type: none"> Completed
<p align="center">ROAI Reviewing TofR for the TK workshop</p>	<ul style="list-style-type: none"> To be completed
<p align="center">ROAI EMAB provide workplans to DCAB</p>	<ul style="list-style-type: none"> To be completed

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ROAI EMAB submit workplan/budget to DDMI	<ul style="list-style-type: none"> Completed
ROAI Three Action Items re: Fisheries Recommendations 4,5 and 10 and the TK and Water Quality Workshop	<ul style="list-style-type: none"> Bob and Floyd will clarify these action items and the three will be made into one action item.
ROAI Invitation to MVEIRB Workshop	<ul style="list-style-type: none"> Completed - Bob, Florence and Erik attended. It was identified at the workshop that community education needs to be done to help the communities understand the environmental assessment process in detail.
ROAI CE one pager re: training	<ul style="list-style-type: none"> Completed
ROAI New Action Item TK Workshop	<ul style="list-style-type: none"> New action item created: Incorporate MVEIRB workshop lessons learned into the EMAB TK workshop.
ROAI Workshops	<ul style="list-style-type: none"> General Workshop Discussion: When members attend workshops on behalf of EMAB it would be useful for people to give the board a summary to share any learned observations.
ROAI Ray Case communication re: Outfitters Results Report	<ul style="list-style-type: none"> Deal with at Monday's board meeting
ROAI Francois Messier Contract	<ul style="list-style-type: none"> Underway
ROAI Meeting with RWED and DDMI re: WEMP recommendations	<ul style="list-style-type: none"> Completed
ROAI Draft letter to the RWED minister re: inadequate response to EMAB's recommendations	<ul style="list-style-type: none"> To be completed
ROAI Action items re: KIA	<ul style="list-style-type: none"> Make into one action item
ROAI	<ul style="list-style-type: none"> Underway

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Inland Fisheries Workshop	
ROAI Confirm RWED attendance at WEMP meeting	<ul style="list-style-type: none"> • Completed
ROAI Bob, Florence and Johnny prepare recommendations regarding future improvements for the fish palatability study	<ul style="list-style-type: none"> • To be completed
ROAI List of TK camp resources	<ul style="list-style-type: none"> • Completed
ROAI Communication/ Information Strategy RFP	<ul style="list-style-type: none"> • Completed

Break – 2:40 pm

Reconvene – 3:00 pm

Agenda Items & Discussion Headings	Discussion / Recommendation	Action
Preparation for the December 12th Inland Lake Fish Option	<p>The purpose of this workshop will be to determine optional fish enhancement areas. This will work to prevent Diavik’s limiting requirement under the fisheries authorization to do specific work on site when alternative areas may benefit more from enhancement work.</p> <p>EMAB and the groups invited, need to identify those other areas where there may be better opportunities for fish enhancement. People must come to the meeting prepared with ideas.</p> <p>Each of the different groups will have 15 to 20 minutes to suggest the new areas where they would like money to be spent.</p> <p>Diavik has proposed what they are going to do.</p>	

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	<p>They've already put money towards those things. Diavik is not willing to pay more for the alternative project therefore the new suggestions must be within the scope of the budgeted money for the initial plans. Budgets will be detailed at the workshop.</p> <p>There are three major enhancement areas:</p> <ol style="list-style-type: none">1. dikes;2. streams; and3. inland lakes. <p>The specific enhancement issue being discussed at the December 12 meeting is inland lakes.</p>	
<p>Regional Monitoring Workshop</p>	<p>The majority of the board attended the workshop. Floyd represented the Environmental Monitoring and Advisory Board.</p> <p>A brief discussion took place regarding the workshop purpose and proceedings. General thoughts were shared regarding the current agencies in place and the pros and cons of a single regional monitoring agency.</p> <p>The Environmental Monitoring and Advisory Board do not have a formal position for or against a single regional monitoring agency.</p>	

Meeting adjourned at 3:45 pm

DRAFT
EMAB Board Meeting Minutes
Day Two - November 16, 2002
Yellowknife, NT

Present:

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 Johnny Weyallon, Dogrib Treaty 11 Council
 Doug Crossley, Kitikmeot Inuit Association
 Angus Martin, Yellowknives Dene First Nation (alternate)

Support Staff:

Lisa Best, GeoNorth (minute taker)

Commencement by Bob Turner at 9:15 am

Agenda Items & Discussion Headings	Discussion / Recommendation	Action
Operations Procedures Manual	<p>The main purpose of discussing the EMAB operations manual on Saturday, November 18, 2002 was to determine its priority components and start the organization of an initial document.</p> <p>Samples of other groups' operations manuals are available in the EMAB office.</p> <p>Section 4.6G of the Environmental Agreement was referred to while brainstorming to identify required components of the operations manual.</p> <p>Suggestions for the intent of the operations manual included:</p> <ul style="list-style-type: none"> • To create a level playing field; • Process continuity; • Maximize the board's efficiency; and • To make an umbrella operations document. 	

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	<p>The operations manual will take time to create. Once the initial document is created additions/alterations may be added as needed.</p> <p>At each monthly board meeting, until the initial document is created, EMAB will work on developing a priority policy or guideline.</p> <p>Work occurred to draft an outline of the content of the operations manual and place priorities. See the attached flow chart “EMAB Governing Policies”.</p>	
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Break – 10:10 am

Reconvene – 10:30 am

Agenda Items & Discussion Headings	Discussion / Recommendation	Action
<p>Operations Procedures Manual Continued...</p>	<p>Approach for developing the operations manual is as follows:</p> <p><u>Task 1:</u> Compile necessary documents/information (eg. motions).</p> <p><u>Task 2:</u> Review motions and incorporate as necessary into operations manual.</p> <p><u>Task 3:</u> By the December meeting, Floyd will update the table of contents for the operations manual.</p> <p><u>Task 4:</u> Before the December meeting, work will be initiated on the finance policy (eg. existing information and gaps may be identified).</p>	<p>By the December meeting, the operations manual table of contents will be updated for comment. Also, existing information and information gaps will be identified for the finance policy.</p>

Break – 11:00 am

Reconvene – 11:15 pm

Francois Messier joined the group.

Agenda Items & Discussion Headings	Discussion / Recommendation	Action
<p>Preparation of the November 18th Wildlife Meeting • Francois Messier</p>	<p>Francois Messier attended the meeting to discuss the proceedings of the coming WEMP meeting on Monday.</p> <p>It was suggested that the order of presentations would be DDMI (presenting by section), Francois would report and comment by section, and then RWED would report (caribou management plan and outfitters reports) and comment.</p> <p>It was planned that lunch be ordered in.</p> <p>It would be useful at a future meeting to have field inspectors present when discussing WEMP.</p> <p>Question: Does the WEMP report focus on the environmental effects as well as effects on wildlife? Answer: The WEMP report focuses on wildlife and not the effects on the environment.</p> <p>It was suggested that EMAB review the recommendations/responses to/from DDMI to refresh the board before the Monday meeting. Copies were made available for the board to take home for review.</p>	
<p>Job Description for Linda Torangeau</p>	<p>In comparison with the federal government pay program. Linda's pay is comparable but she is lacking benefits. EMAB needs to discuss a benefits package.</p>	<p>Discuss a benefits package for Linda</p>
<p>Workers Compensation</p>	<p>EMAB is to date and covered re: WCB however, somehow they weren't paid up for last year (and therefore weren't covered) so they had to pay two years this year.</p>	
<p>Compensation Options for Inland Lake Fish Habitat Loss – Diavik Project</p>	<p>Each board member will identify two community people to attend the workshop on the 12th. Linda will be the contact person. Individuals/groups need to get together prior to the meeting and create a list of ideas for fish habitat enhancement areas.</p>	<p>Each board member will identify two community people to attend the workshop on the 12th. Individuals/groups to create a list of ideas for fish habitat enhancement areas.</p>

Meeting adjourned at 12:00 pm

DRAFT
EMAB Board Meeting Minutes
Day Three - November 18, 2002
Yellowknife, NT

Present:

Robert Turner, Chair, North Slave Metis Alliance
Floyd Adlem, Vice-chair, Government of Canada
Doug Doan, Secretary-Treasurer, Government of the Northwest Territories
Erik Madsen, Diavik Diamond Mines Incorporated
Florence Catholique, Lutsel K'e Dene First Nation
Lawrence Goulet, Yellowknives Dene First Nation
Angus Martin, Yellowknives Dene First Nation
Johnny Weyallon, Dogrib Treaty 11 Council

Resource People:

Francois Messier, Reviewer of WEMP Report
Ann Gunn, Resources Wildlife & Economic Development
Ray Case, Resources Wildlife & Economic Development
Gord MacDonald, Diavik Diamond Mines Incorporated
Cheryl Wray, Diavik Diamond Mines Incorporated
Jean Berger, Golder Associates

Support Staff:

Lisa Best, GeoNorth (minute taker)

Absent:

John Morrison, Government of Nunavut (alternate)
Doug Crossley, Kitikmeot Inuit Association

Due to Julian Kanigan of DIAND being weathered in and unavailable for the Inspectors Report, the meeting start was postponed til 10:30 am.

Commencement 10:40 am

Agenda Items & Discussion Headings	Discussion / Recommendation
Wildlife Effects Monitoring Program (WEMP)	Anne Gunn of Resources, Wildlife and Economic Development (RWED) presented a presentation re: RWED's 2002 Bathurst herd monitoring. The following is a summary of Anne Gunn's presentation notes: Knowledge exists about what and how to monitor caribou but there are two main limitations to monitoring across the caribou ranges:

1. Caribou
 - distribution predictability
 - seasonal migration
 - migrating across stakeholder boundaries
2. Organization (information sharing/diverse stakeholder interests)
 - co-coordinating
 - managing
 - motivating a long-term monitoring commitment

RWED is working to build relationships with other governments and stakeholders. RWED provides secretariat support to the Bathurst Caribou Planning Committee. The Bathurst Caribou Planning Committee lists 26 monitoring indices, which are close to those listed by EMAB and federal monitoring initiatives. The indices are related to health and condition as well as changes of individuals and the herd.

RWED monitoring programs for the Bathurst caribou:

- Monitoring calf survival and movements
- Annual migration monitoring via satellite collars (only cows, doesn't include bulls or juveniles) – project is in co-operation with DIAND and WKSS

RWED is developing two following proposals:

- Investigation of foot rot (looking into testing for exposure to foot rot and looking at some of the environmental causes)
- Investigation of dust fall and how much the caribou are eating via dust covered forage and the consequences of eating lichen containing heavy metals

Both projects are unique and there is development work to be done on techniques.

After Ann's presentation, Ray Case of RWED presented a copy of the 2002 Outfitters Report.

Question: Is RWED monitoring the increase or decrease in wolves (recently wolf numbers seem high)?

Answer: RWED indirectly monitors the number of wolves by how many calves die.

Within the RWED presentation there was reference to two winter road monitoring projects and the agreements with the Dogrib and Dene communities to provide man-monitoring stations. A lack of consultation regarding the monitoring site locations was noted.

It was suggested that EMAB would like written update from RWED on the outpost camp established on Ross Lake. This would help EMAB to

<p>WEMP DDMI Presentation re: Wildlife Monitoring Program & Francois Messier WMP comments /report</p>	<p>maintain a good picture of how things are being done in the region.</p> <p>Cheryl Wray of Diavik Diamond Mines (DDMI) Inc. presented the Diavik 2002 Wildlife Monitoring Program (WMP).</p> <p>The presentation was meant to be a review of the core monitoring projects within the WMP however, there are still opportunities to do additional community based programs that might be missing under the WMP.</p> <p>The purpose/design of the WMP was presented. Within the PowerPoint presentation ten title headings included:</p> <ol style="list-style-type: none"> 1. Vegetation 2. Caribou Effects Monitoring 3. Caribou Advisory Monitoring 4. Caribou Mitigation Effectiveness Monitoring 5. Grizzly Bear Effects Monitoring 6. Wolverine Effects Monitoring 7. Carnivore Mitigation Effectiveness Monitoring 8. Raptor Effects Monitoring 9. Waterfowl, Shorebirds, and Other Aquatic Birds Effects Monitoring 10. Dust Deposition and Habitat Assessment Monitoring Program <p>Under each heading a question(s), with a goal of determination, was presented. Following the question was the Environmental Assessment prediction and the monitoring method. A CD copy of the entire presentation is available in the EMAB office.</p> <p>Throughout the DDMI report Francois Messier, Wildlife Ecologist of the University of Saskatchewan pitched in with comments relating to the report that he submitted (that same day) to EMAB.</p> <p>During the DDMI presentation the following issues were raised:</p> <ul style="list-style-type: none"> • The effects of the Exploration camp are not currently measured and may be included in the Cumulative Effects (CE) monitoring program. DDMI considers the exploration camps to be low impact due to their small size (approximately a couple of acres in impact size) but were open to the exploration camps being added to the CE monitoring program. Question: Are they drilling? Answer: Yes - some reconnaissance drilling is happening. Question: Is it the only land use permit that Diavik has? Answer: Yes. • When discussing vegetation Francois suggested that a summary of reclamation work be added.
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- Discussion following the explanation of HSI units (relating to determining direct habitat loss), identified that the units are not absolute and should be viewed as relative. Also, even though the GNWT uses HSI units and models and BHP followed their example, the HSI approach for determining habitat loss is not the only approach to be taken. Losses determined should be both indirect as well as direct.
- RWED pointed out that at the end of the caribou survey seasons DDMI, the government and BHP need to combine information and coordinate the future work plans.
- There are statistical problems with collaring data for Diavik and it seems collaboration and sharing data would work well in this situation. It would be more efficient for the GNWT and Diavik to work together and share resources and in the end it is up to each to use the data however necessary.
- Edit to be made: within the predictions made in the WMP of the effect of dust - “annually” (means once a year) should be corrected to be “year round”. RWED noted that their dust project (re: the investigation of dust fall and how much the caribou are eating via dust covered forage and the consequences of eating lichen containing heavy metals) may be another opportunity to collaborate.
- Complexities regarding the Dust Deposition and Habitat Assessment Monitoring Program were discussed and it was proposed that one good way to deal with the complexities may be for DDMI to sit down with RWED and their consultant company and design a one-two pager on what and how they want to go ahead.
- DDMI should include more track survey.

Question: Is DDMI going to use three categories for grizzly bears?

Answer: Right now it is just zero and one.

Francois Messier submitted to EMAB a report with his comments on DDMI’s revised version of the 2002 Wildlife Monitoring Program (WMP). Francois Messier’s proposed minor changes/revisions to improve the program are summarized as follows (see the letter version dated November 17, 2002, RE: Comments on the 2002 Wildlife Monitoring Program, Ver.2, DDMI for details):

- There should be a statement of a specific objective to capture new affects not predicted during the initial impact assessment.
- The Waste Management Plan should (1) specify that any standing water with oil in the land farming area, be pumped and appropriately disposed and (2) specify the frequency of landfill cover application (ie. weekly).
- The *vegetation and wildlife habitat* section should also consider habitat losses relative to satellite camps for exploration and winter road access. The program should also summarize future areas

	<p>that are successfully reclaimed.</p> <ul style="list-style-type: none"> • In section 8.2.1.5, DDMI should assess not only direct habitat losses, but also indirect habitat losses due to reduced habitat effectiveness. • Observations from experienced caribou hunters should be acknowledged as an effective mean to evaluate the ‘zone of influence’. • The protocol to use road observations as a mean to assess the impact of dust on caribou food should be described. • Direct and indirect habitat losses for grizzly bears should be assessed in a 3-year cycle (like caribou). The plot sample size is at bare minimum and it was recommended that plot size be increased from 15 in June and August to 20-25 for both months. • The second prediction regarding <i>wolverine effects monitoring</i> is problematic as stated. The prediction should make reference to possible changes in population parameters in the Lac de Gras region, not the entire Slave Geological Province. The number of track surveys should be increased from 2 to 5 and the same route should be used for each. An operational definition of a “track set” should be stated in the technical procedure and the data sheet should have a general statement about snow conditions. • The design for the <i>raptor effects monitoring</i> task is faulty. It is important to monitor nests vulnerable to human disturbance and nests not affected by human disturbance. • All cases of mortality of waterfowl, shorebirds and other aquatic birds detected during surveys should be recorded. <p>Finally, Francois recommends that EMAB endorses the 2002 WMP after the appropriate revisions and that EMAB asks RWED in consultation with Government of Nunavut for annual reports on known mortalities of grizzly bears and wolverines in the Lac de Gras region in order to better interpret year-to-year variation in monitoring data for the two species.</p>
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Francois Messier of the University of Saskatchewan parted at 1:40 pm.

Agenda Items & Discussion Headings	Discussion / Recommendation
<p>Wildlife Effects Monitoring Program (WEMP) Continued...</p>	<p>Question: DDMI, where does information go regarding bear deaths? Answer: To the RWED (immediate siting information) officers and the annual report.</p> <p>Question: Is grizzly presence more or less now than initially? Answer: We don’t have information on density trends. DDMI normally</p>

1st Correction on page 3 – Executive reports 4th paragraph. Board decided to set up meeting should be *Executive met with Outcrop*.
2nd Correction on page 15 – Anne Gunn’s name was spelt wrong.

Approved minutes by motion: 02-02-12-11

	<p>sees bears around the spring on the east island. All bears seen in caribou surveys are also documented.</p> <p>RWED is working with the harvesting of animals and exploring the feasibility of identifying animals by DNA to help identify the number of animals from year to year.</p>
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Ann Gunn of RWED parted at 1:50 pm.

Agenda Items & Discussion Headings	Discussion / Recommendation
<p>Wildlife Effects Monitoring Program (WEMP) Continued...</p>	<p>Question: What happens if waterfowl use the PKC? Answer: We looked at it in the EA and we don't know of any harmful potential effects.</p> <p>Question: Why doesn't the DIAND inspector report on wildlife issues or do we depend on RWED? Answer: Management practices that could affect wildlife are addressed by DIAND inspector.</p> <p>The meeting was wrapped up with a decision to decide what the next step to take would be, after having time to review Francois comments/report and this meetings minute notes.</p>

Motion #01-02-11-18

To adjourn meeting

Moved: Florence Catholique

Seconded: Floyd Adlem

Carried: Unanimously

Meeting adjourned at 2:30 pm

UPCOMING EVENTS

NOVEMBER 2002						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 DDMI update – Ndilo	5 DDMI update – Dettah/ MVEIRB TK Workshop	6 MVEIRB TK Workshop	7 MVEIRB TK Workshop	8	9
10	11	12 Lutsel K'e	13 DDMI update – YK - NSMA /Reg. Mon. Workshop	14 Regional Monitoring Workshop	15 EMAB Bd Mtg.	16 EMAB -Operations Manual
17	18 EMAB WEMP Meeting/ DDMI update - Cambridge Bay	19 DDMI update Kugluktuk	20	21	22	23
24	25 tentative trip to Sask./ DDMI update – HR, Ft. Res, Ft. Smith, Ft. Prov.	26 tentative trip to Sask./ DDMI update – HR, Ft. Res, Ft. Smith, Ft. Prov.	27 tentative trip to Sask./ DDMI update – HR, Ft. Res, Ft. Smith, Ft. Prov.	28 DDMI update – HR, Ft. Res, Ft. Smith, Ft. Prov.	29 DDMI update – HR, Ft. Res, Ft. Smith, Ft. Prov.	30

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DECEMBER 2002						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7 IEMA Bd. mtg.
8 IEMA Bd. mtg.	9 IEMA Bd. mtg.	10 IEMA Bd. mtg.	11 EMAB Board Meeting	12 Inland Lakes Workshop with DFO, EMAB and DDMI	13 EMAB Board Meeting	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

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JANUARY 2003						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

FEBRUARY 2003						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

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