

Ekset Contracting Ltd Lake Errock Development Project

Report and Recommendations by the Mine Development Review Committee

with respect to the Sand and Gravel/Quarry Operation Notice of Work

April 30, 2013

Submitted on behalf of the MDRC by:

Julia Berardinucci, Chair

Executive Summary

The purpose of this report is to provide the Statutory Decision Maker, the Chief Inspector of Mines (CIM), with all the pertinent information collected by the Mine Development Review Committee (MDRC) for review and consideration prior to making a decision regarding the proposed mine development. This report outlines the key technical issues and their resolutions, along with recommendations for items to be included as *Mines Act* permit conditions.

The proposed mine development site is located on the west side of Highway No.7 (Lougheed Hwy) at Beaudry Road, Deroche, BC and overlooks Lake Errock, within the Fraser Valley Regional District (FVRD). The application received at the Ministry of Energy, Mines and Natural Gas (EMNG) on August 12, 2010 supersedes all previous applications related to the Lake Errock Development. The application documents, additional reports, responses to review comments and this recommendation report provide the pertinent information for the proposed development.

The MDRC has completed its review of the application for expanded development of the Lake Errock sand and gravel mine. The participating members of the MDRC are satisfied that the technical aspects of the proposed mine expansion have been sufficiently researched and described for the purpose of a mine site development which adequately considers impacts to environmental values. Based on technical considerations only, it is recommended that the proposed development be approved subject to the recommendations for permit conditions contained within this report.

This report has incorporated technical issues of concern communicated by members of the local residential community of Lake Errock. While the local residents are not MDRC members, effort has been made in this report to consider their issues of concern raised where technical in nature and to provide a high-level summary of the feedback from those local community members. Further discussion of local resident concerns can be found in Appendix 1.

The scope of the MDRC is centered on technical aspects of the proposed mine development. Consequently, while First Nations are MDRC members, this report does not contain a full and detailed discussion of the complete spectrum of First Nations interests in the proposed mine development. A more detailed discussion regarding First Nations interests can be found in the First Nations Consultation report.

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1. Purpose of Report

The purpose of this report, as prepared by the Mine Development Review Committee (MDRC) Chair, is to provide background information and a summary of the technical review that was conducted on the Sand and Gravel/Quarry Notice of Work Application by Ekset Contracting Ltd for the proposed Lake Errock Development.

Section 10.3.2 of the Health, Safety and Reclamation Code for Mines in BC (Code) requires all regional MDRC's to make recommendations to the Chief Inspector of Mines (CIM) concerning the review of an application for a *Mines Act* permit. This report provides the CIM, the Statutory Decision Maker for this application, with the information to make an informed decision regarding issuance of the requested permit. This report does not preclude the CIM from using additional information to make a decision or to develop alternate or additional permit conditions.

The Lake Errock Mine Recommendation Report includes:

- An overview of the proposed development;
- A summary of key issues raised during the review, a statement regarding how issues were addressed, and recommendations for items that should be addressed through permitting;
- A summary of other authorizations or agencies reviewing issues related to the proposed project;
- Final recommendations of the MDRC to the Statutory Decision Maker; and
- An Appendix containing a summary of local community comments.

2. Project Overview

The site is located on the west side of Highway No.7 (Lougheed Hwy) at Beaudry Road, Deroche, BC and overlooks Lake Errock, within the Fraser Valley Regional District (FVRD). The site consists of a proposed new pit to the north of an existing pit (Figure 1). The legal description for the site properties are:

Existing gravel pit property: PID 012-051-900

PID 013-445-880 PID 013-445-871

Proposed new pit location property: Frac. S1/2 PCL. F Plan 4708.315018E – N1/2

Sec 22 Twp 24 NWD

Ekset Contracting Ltd. took over management of the existing pit (whose operations originated in the 1970s) from Steelhead Aggregates in 2004. In 2006, Ekset purchased additional land for which a Notice of Work (NoW) application has been filed and is currently the subject of this report.

The new area is undeveloped. The current pit is operated by Deroche Gravel Sales Ltd. under Ministry of Mines Permit #G-7-16. The base of the existing pit is approximately elevation 35 m geodetic datum.

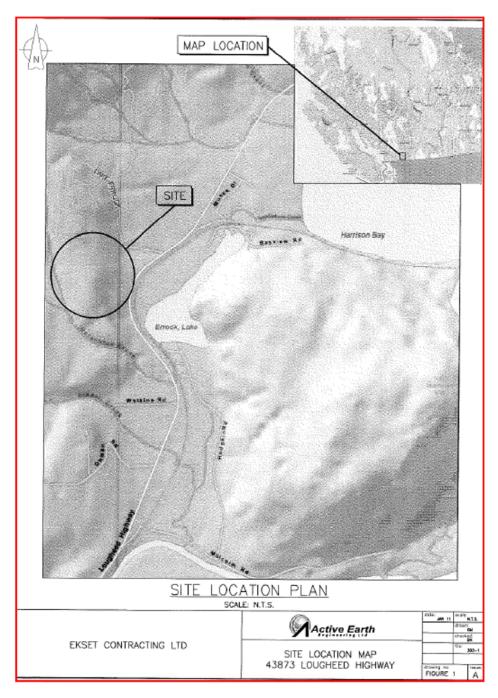


Figure 1 Ekset Proposed General Site Location Map

The proposed new property is approximately 40 ha in total area. Within the property, the proposed new gravel extraction area is approximately 18 ha in size and is located north of the existing gravel extraction area. The property extends from approximate elevation 20 m at

Lougheed Highway to greater than elevation 140 m. The existing undeveloped slope angles vary from approx 22° to 35°. The slopes are vegetated with a mixed forest canopy consisting of mainly big leaf maple, western red cedar, Douglas fir and western hemlock, with red alder and American chestnut occurring less frequently. The understory consists of various shrubs and herbs.

The proposed extraction plan includes excavating to elevation 35 m. Site reclamation includes a final slope angle of 2:1 horizontal to vertical at the western end of the extraction area that will grade down to elevation 35m at the base.

The gravel extraction operation is projected to remove approx 130,000 tonnes per year. Aggregate processing will include screening and crushing, and the aggregate will be transported by front end loader to the current location within the existing pit.

No aggregate washing will be carried out and no dewatering of regional groundwater will be undertaken. No soil backfill will be transported to the site for reclamation.

3. Summary of Statutory Authorizations and Review Process

The MDRC has a mandate to review NoW applications and to coordinate and resolve issues relating to this application. Through the MDRC, technical review of the application for Sand and Gravel/Quarry Operation Notice of Work and Reclamation Program dated August 4, 2010 has been completed. Issues have been discussed and resolved. A list of representatives invited to participate in the MDRC is provided in Table 1.

The committee composition includes designated representatives from various provincial and federal agencies and those with a policy mandate that is applicable to the project. First Nations and local government staff are also invited to be members of the committee. The MDRC is designated to discuss technical aspects of the application. Meetings to discuss non-technical aspects of the proposed development and to conduct First Nations consultation activities are held outside of the MDRC.

Table 1 Persons/Agencies Invited to MDRC

Name	Organization
Jennie Aikman	Regional Planner, MoE
Chief Joanne Armstrong	Soowahlie Indian Band
Gerry Barcelona	Manager, Exploration and Mining, Health & Safety
•	(EMNG)
Julia Berardinucci, Chair	Director – FLNR South Coast
Denis Collins	Director – FLNR West Coast
Chief Robert Combes	Skwah First Nation
Jon Crump	Area Development & Operations Technician (MOTI)
Chief Dalton Silver	Sumas First Nation
Timothy Bennett	Regional Hydrologist (FLNR)

Manager – First Nation Consultation (FLNR)
District Manager (FLNR)
Water Stewardship Officer (FLNR)
Referrals Co-ordinator - Sto:lo Tribal Council
Manager of Development Approval (FVRD)
Geomorphologist (FLNR)
Environment Canada
Sr. Reclamation Specialist (EMNG)
Jr. Inspector of Mines (EMNG)
Administration (FLNR)
President – Scowlitz c/o Stolo Tribal Council
Seabird Island Band
Sr. Inspector of Mines (EMNG)
Habitat Biologist (DFO)
Ecosystems Biologist (MoE)
Skawahlook First Nation

Further to receipt of the invitation to join the MDRC, the Chair was informed by various agencies, First Nations and other parties of organizational and mandate changes resulting in a revised list of MDRC key members. The following lists the resultant active MDRC committee members. Non-participating government agencies indicated either that they did not have further comment or that the proposal was outside of their scope of work based on either mandate focus or issue prioritization.

Table 1 Continued

Organization	Name	Comments
Government Agencies		
Ministry of Forests,	Julia Berardinucci	MDRC Chair
Lands and Natural	Denis Collins	Advisor to MDRC Chair
Resource Operations	Kevin Haberl and Sam	First Nations consultation coordinators
0.0000	Hall	
	Celeste Levesque	Water Stewardship Officer
	Tom Millard	Geomorphologist
	Francesca Paladino	Administrative services to the MDRC
Ministry of Energy,	Gerry Barcelona	Exploration and Mining, Health and Safety
Mines and Natural Gas	Anne Moody	Sr. Reclamation Specialist
	Ed Taje	Sr. Inspector of Mines. Advisor on process
		to the MDRC Chair.
	Michael Olsen	Jr. Inspector of Mines
Federal Department of	Suzanne Thorpe	Habitat Biologist
Fisheries and Oceans	2820	370
Ministry of	Jon Crump	Area Development & Operations
Transportation and		Technician
Infrastructure		
Fraser Valley Regional	Rick McDermid	Rick McDermid, Manager of

District	Wendy Bales	Development Approval attended the MDRC meeting along with Wendy Bales Director.
		s.22
Environment Canada	John Miller	
* First Nations		
Sumas First Nation	Sandra Silver	
Sto:lo Tribal Council	Matthew Louie	
Scowlitz First Nation	Colin Pennier	
Seabird Island Band	Chief Clem Seymour	
Skawahlook First Nation	Sharon Young	
Sumas First Nation	Dalton Silver	
Shxwowhame	Siya:m Council	
People of The River Referrals Office	Mike Goold	

^{*} Please note that the above list of First Nations contacts is limited to those who were in attendance at the MDRC meeting held May 23, 2012 or received MDRC correspondence because they indicated interest in being involved. Further First Nations consultation was conducted outside of the MDRC process and discussed further in the First Nations Consultation report.

4. Summary of Key Issues and Recommendations

4.1 Application History

An application for development work adjacent to an existing mine facility in Lake Errock project area was received by EMNG as a NoW dated August 4, 2010.

The applicant advised that the NoW was submitted with a Soil Removal Application to the local government for consideration.

An MDRC meeting was held May 23, 2012 in Mission, BC, the minutes of which were drawn up and made available to MDRC members. EMNG received Ekset's revised Mine Plan on May 29, 2012 which addressed many issues.

The following lists the written information referenced in writing this report.

Table 2 Information considered in this report

Document Name	Date
Ekset Contracting Ltd.: MEM Sand and Gravel/Quarry Operation	Dated August 4, 2010,
Notice of Work and Reclamation Program form	Dated Received August
720	12, 2010
GeoPacific Consultants Ltd. [Geotechnical] Re: Geotechnical	July 15, 2010
Hazard Evaluation for Proposed Sand and Gravel Pit at No. 7	200

Highway and Beaudry Road, Lake Errock	
Brown Strachan Associated [Acoustics] Re: Lake Errock Gravel Pit	October 27, 2010
Envirowest, Environmental Resource Professionals: Proposed	January 4, 2011
Gravel Extraction, 43873 Lougheed Highway, Deroche,	3270 - 15
Environmental Assessment.	
Active Earth Engineering Ltd.: technical memorandum	January 5, 2011
"Hydrogeological Investigation for Aggregate Extraction Plan"	€ 0 g
Madrone Environmental Services Ltd.: technical memorandum	February 17, 2011
"Debris Flow and Flood Hazard Estimation for Proposed Gravel Pit	,
Extension, Lake Errock, BC"	
Site Plans (Revised) 02-120528-0001 to 5	0001: May 2012
	0002: May 2012
	0003: May 2012
	0004: Nov 3 2010
	0005: Nov 3 2010
Active Earth Engineering Ltd.: technical memorandum	August 17, 2012
"Groundwater Seeps - 43873 Lougheed Highway, Lake Errock,	
BC"	
Berardinucci, J. And Paladino, F.: Errock MDRC Final Minutes	May 23, 2012
May 23, 2013 Errock MDRC Final Issue Tracking Table May 23,	*S007 P4
2013	
Kuppers, Haley: Memo entitled "Evaluation of the Lake Errock	July 22, 2012
Decibel Readings Videos and Photos"	
Reportex Agencies Ltd: Transcription of Audio Recording of	July 25, 2012
Town Hall Meeting Re Lake Errock Gravel Pit Expansion	
Application on July 25, 2012, in Mission, BC	
Caroline Nakatsuka, EMNG: E-mail letter of response to T. Rees	October 23, 2012

4.2 Mines Act Matters to be considered

4.2.1 Mine Plan and Best Management Practices

The mine site plans for the Lake Errock Expansion were updated and submitted May of 2012. The following are recommendations which are broadly applicable to the mine in its entirety and its management. Recommendations dealing with more specific aspects of technical concern follow in this report.

It is recommended that the following items be incorporated into permit conditions:

- a. The mine plan will be described as outlined in Site Plans (Revised) 02-120528-0001 through 5.
- Operations shall be governed by the current Handbook for British Columbia, Aggregate Operators Best Management Practices (currently v. 2002).
- c. Operations shall be governed by the current Health, Safety and Reclamation Code for Mines in British Columbia (current V. 2008)

- d. No fuel storage facilities shall be allowed on-site. Equipment maintenance and fuelling shall take place in a dedicated area containing a liner.
- e. All equipment shall contain spill kits and operators will be trained in their use.
- f. Any spills over 20 L will be reported to the site Engineer and remediation will be directed accordingly.
- g. As this development is adjacent to an existing mine, a landform plan addressing adjacency landscape issues (such as contouring) will be developed to the satisfaction of the CIM.

4.2.2 Water Management

During MDRC discussions, concerns were raised by local government, DFO and First Nations regarding alleged observations of possible siltation of a watercourse draining away from the currently existing adjacent mine. While the current mine adjacent to this proposed mine development is outside of the scope of this report, the proponent was asked to be sensitive to the possibilities of this occurring at the proposed mine site and to fully address the issue of how all impacts to streams running through and leaving the proposed mine site would be mitigated. Consequently, further to the consideration of the submissions from Active Earth, dated January 5, 2011 and August 17, 2012 and entitled technical memorandums:

It is recommended that the following items be incorporated into permit conditions:

- h. Pit elevations should be maintained at a minimum of 2 m above the seasonal high watertable.
- i. There will be no dewatering for excavation purposes.
- i. There will be no diversion of natural watercourses.
- k. All drainage shall be directed away from buffer zones.
- A water monitoring plan and annual report shall be provided to the satisfaction of the CIM.
- m. A reclamation plan satisfactory to the CIM to stabilize side slopes and re-establish vegetation shall be submitted when the pit is complete.

4.2.3 Ground Water Management

Associated with concerns for the quality of surface water in and around the proposed mine site were questions regarding potential impacts to groundwater quality and quantity. In the Active Earth, January 5, 2011 and August 17, 2012, technical memorandums, based on water well data, the depth to the regional water table is reported to be below the base of the existing pit, which is approximately located at the elevation of 35 m. Permanent seeps to the north of the proposed extraction area occur below the elevation of 37 m. A higher seep at approximate elevation of 55 m was site investigated and determined to be a perched layer. Consequently, the MDRC considers that the proponent has provided information supporting the anticipation of minimal to impacts to groundwater.

It is recommended that the following items be incorporated into permit conditions:

n. Upon final reclamation, a surface swale should be constructed below the seeps on a bench to allow the water the infiltrate the ground to prevent slope instability.

4.2.4 Wildlife Act matters to be considered

Wildlife and Species at Risk issues were described in Envirowest's January 4, 2011 report. Species and ecological communities at risk were queried through standard mapping systems (BC Data Conservation Centre) and reconnaissance surveys conducted. No at-risk species or ecological communities were found to be located in the proposed project area. Logging events through the history of the proposed project area has impacted the assemblage of plant species typically found in undisturbed forests in the area.

Holachten Creek has been found to provide aquatic and riparian habitat which may support coastal giant salamander to the western portion of the property.

It is recommended that the following items be incorporated into permit conditions:

- o. Environmental protection zones will be established for watercourses referred to as A, B, C and D on the site plans referenced in ECL-Envirowest's report, January 4, 2011 entitled "Proposed Gravel Extraction, 43873 Lougheed Highway, Deroche, Environmental Assessment".
- p. Hotalchten Creek should be protected by a minimum 30 m environmental protection zone.
- q. Haul roads shall not be permitted within 10 m of buffer zones.

4.2.5 Air Quality matters to be considered

Concerns were raised by the local residents and some First Nations regarding the potential for negative impacts to air quality in the form of particulates and dust as a result of the proposed mining activity. The following points summarize and highlight the key messages provided in a more detailed discussion of the issue authored by Caroline Nakatsuka, Manager, Occupational Health, Ministry of Energy, Mines and Natural Gas, dated October 23, 2012, in response to a letter of concern from a local resident.

- In order to assess health risks posed by particulate matter from aggregate operations, airborne
 particulate monitoring has to be conducted when active mining is underway, during dryer
 times of the year and unannounced (sometimes resulting in sampling professionals arriving at
 times when the mine is not operating).
- Data collected during the summer of 2012 from other BC aggregate operations, mainly from
 the west coast and Vancouver Island and including another pit in the Lake Errock area,
 demonstrated that particulate matter exposures of the public from these operations are below

the BC Air Quality Standard for particulate matter 10 microns or less (PM10) which is 50 ug/m3. Air Quality Objectives are defined as limits on the acceptable presence of contaminants in the atmosphere, established by government agencies to protect human health and the environment.

- All measurements except two were between 18.6 ug/m3 and 35.84 ug/m3 which are below the BC Standard of 50 ug/m3 established to protect human health. The two measurements which exceeded were recorded from devices placed beside a roadway and were located on Vancouver Island.
- In order to ensure that particulate matter levels are maintained below the regulatory requirements of the Health, Safety and Reclamation Code for BC Mines (HSR Code) and BC Air Quality Standards aggregate operators are required to employ control measures such as water sprays or enclosures.
- In order to determine that requirements of the HSR Code are being met, EMNG is committed
 to conducting inspections and will be conducting airborne particulate monitoring at Ekset's
 aggregate operation in Lake Errock.

Since Ms. Nakatsuka's reply, Eddy Taje, Senior Inspector, EMNG, has advised the MDRC Chair that a sampling program for particulate matter of two adjacent mines in the area has been undertaken. As the geology is similar in this area, the results should be comparable and applicable to the proposed mine development. Given the results of these adjacent samples have not been reviewed by the MDRC, it is recommended that the CIM take those sampling results into further consideration prior to final decision.

In order to ensure that particulate matter levels are maintained below the regulatory requirements of the Health, Safety and Reclamation Code for BC Mines (HSR Code) and BC Air Quality Standards, aggregate operators are required to employ control measures such as water sprays or enclosures.

In light of sub-threshold air quality results from other locations, the existence of control measures for dust abatement enforceable by HSR code and the availability of more recent and adjacent air quality sampling results for the CIM's consideration, the MDRC Chair considers it a reasonable expectation that particulate matter levels can be maintained below the regulatory requirements of the HSR Code. The matter is deferred to the CIM for further consideration.

It is recommended that the following items be incorporated into permit conditions:

r. Particulate matter levels are maintained below the regulatory requirements of the Health, Safety and Reclamation Code for BC Mines (HSR Code) and BC Air Quality Standards.

4.2.6 Noise matters to be considered

The MDRC considered information provided by Brown Strachan Associated, Consulting Engineers in Acoustics in a letter dated October 27, 2010, Re: Lake Errock Gravel Pit. Aaron

Peterson, of Brown Strachan Associates, took noise measurements from end of Loch Road, while mine was fully operating. Results were 49 to 46 dB. Background noise is slightly above 52 dB with the addition of traffic and the noise of train factored in at 70 dB.

Wendy Bales, Electoral Area Representative, FVRD, indicated that the Fraser Valley Regional District received complaints from residents concerning noise levels from highway activity related to the existing plant as well as the plant operations. Local residents also expressed concerns with extended mine operation hours having a negative impact on their quiet enjoyment of their community. A member of the Lake Errock community submitted a video and audio recording to EMNG, showing a sound meter that read the noise level as between 50 and 62 dB. Haley Kuppers, Intern with EMNG, reviewed the submission and found the meter to have registered 50 to 62 dB. It was found that the sound level meter did not meet the standards of the Canadian Standards Association standard Z107.56-94 Procedures for the Measurement of Occupational Noise Exposure.

The Code indicates the maximum permissible noise exposure for unprotected ears on a daily basis to be LEX=85 dBA average for 8 hours, or equivalent and provides further detail regarding maximums for steady state noise and impulse noise.

As the acoustic monitoring results indicate a high likelihood of the proposed mine development being able to meet the Code requirements for noise abatement, the issue of acoustic impacts is considered addressed from a technical scope of consideration. While social impacts are outside of the scope of the MDRC review, it is recommended by the MDRC Chair that the CIM consider the restriction of business hours and additional noise abatement structures to help address local community concerns regarding the potential for ongoing acoustic impacts to community health and wellness.

It is recommended that the following items be incorporated into permit conditions:

- s. Operations shall reduce noise levels to within permissible levels described in Table 2-2, in the current Health, Safety and Reclamation Code for Mines in British Columbia (current v. 2008).
- t. Business operations, including the loading of haul trucks, should be limited to Monday through Friday, 8:30 am to 4:30 pm to allow residents quiet enjoyment of their community evenings, weekends and statutory holidays.
- u. It is recommended that construction of noise abatement wall/containment structures to the pit-side of the tree buffer area in order to further minimize the impact of activities on the adjacent community.

4.2.7 Monitoring matters to be considered

The MDRC considered recommendations for appropriate monitoring submitted by the applicant's consultant and considered the proposal to be reasonable. It is thus recommended that baseline monitoring be established further to monitoring recommendations described in Section 7.2 page 10 – 11 of Active Earth Engineering Ltd. January 5, 2011 technical memorandum reference "Hydrogeological Investigation of Aggregate Extraction Plan 43873 Lougheed Highway, Lake Errock, BC."

It is recommended that the following items be incorporated into permit conditions:

- v. Baseline monitoring should be established further to monitoring recommendations described in Section 7.2 page 10 – 11, points 1-5 and Table B, of Active Earth Engineering Ltd. January 5, 2011 technical memorandum reference "Hydrogeological Investigation of Aggregate Extraction Plan 43873 Lougheed Highway, Lake Errock, BC."
- w. Twice yearly groundwater level monitoring and sampling (fall or low-flow and winter or high-flow) shall take place in the down-gradient wells and Well Tag No. (WTN) 4162 located at 43945 Lougheed Highway during extraction and for a period of one year thereafter.
- x. Monitoring water levels should be reviewed by suitably qualified professional hydrogeologist annually.

5. First Nations Consultation

First Nations were invited to be members of the MDRC (see Table 1). Questions raised by First Nations regarding technical aspects of the proposed project are included in the discussion of key issues and recommendations (Section 4.2 and subsections). In addition to consideration of technical issues, government undertook to consult with First Nations in the context of their broader reaching interests regarding First Nations asserted rights and title. Deeper consultations with First Nations have been undertaken by Kevin Haberl and Sam Hall from the Ministry of Forests, Lands and Natural Resource Operations as well as by staff from EMNG and will be discussed further in the final First Nations Consultation report.

6. Recommendations of the MDRC

The MDRC has completed its review and all technical issues relevant to the Mines Act permit and have included recommendations for terms and condition of approval under related sections in this report.

Based on technical feasibility aspects alone, the MDRC recommends issuance of the permit subject to the recommendations of the committee.

7. Attachments

All documents listed in Table 2 (see Section 4.1) are attachments to this report.

Appendix 1

Public Concerns Regarding Proposed Mine

On July 25, 2012 a public meeting was held in Mission, chaired by Mr. Alf Randall, to allow those from the Lake Errock community to voice their concerns and ask questions. Further e-mail and letters of concern were sent to the Chair MDRC as well at directly to EMNG staff (Ed Taje). Concerns communicated by the local residents are summarized in the following.

Noise

Residents were concerned with the level of noise generated by the current operation, which were felt to be excessive, as well as being concerned with the risk of increased noise level due to the proposed additional operations. Residents also explained that due to local topographic effects, the impact of noise was significant closer to the centre of the lake and negatively impacted their quiet enjoyment of this natural feature. Please see Section 4.2.6 for further related MDRC discussion on the issue of noise.

Esthetics:

Residents were concerned with the negative impact of the proposed operations on the visual landscape of the community, from the lake and to passers-by travelling on the highway. It is suggested that the CIM:

 Consider expanding the tree buffer area currently proposed to be located to the eastern end of the proposed development area particularly where it narrows towards the South East.

Dust Pollution:

Residents complained of inadequate dust management of the current operation and concerns for possible negative health implications of unknown airborne suspended dust. See Section 4.2.5 for further discussion of technical aspects related to air quality.

Property Devaluation:

Residents were concerned with the negative impact on their property values from having mining operations expanded in the vicinity.

Water Quality of Lake Errock:

Residents were concerned with the negative impact of storm runoff from the property and interruption of local water flow interrupting the water quality and recharge of Lake Errock. See Sections 4.2.2 and 4.2.3 for further discussion of technical aspects related to water.

Hours of Operation and Traffic Volume:

Residents were concerned with the current operation's extended business hours disturbing their evening and weekend quiet enjoyment of their community as well as causing excessive high traffic and large truck volume along the highway and adjacent to their local community, particularly in relation to the required audio notification sounds of trucks backing up at all times of the day and reportedly into the evenings and weekends. See Section 4.2.6 for further discussion of technical aspects related to noise.

Transcripts of the discussions were made and provided to the MDRC Chair who was in attendance at the meeting and EMNG.

Compatibility of the proposed mine development with local government plans for settlement or Official Community Plans are outside of the scope of the MDRC, which is a technical review committee. However, it is noted that if permitted, the terms and conditions of the permit can attempt to serve to address local residents concerns.