

Attachment 2
Concordance Table

PART VII - Guidelines for Filing Requirements

Section	Information Required	Application
2	<p><i>Evidence to show that:</i></p> <ul style="list-style-type: none"> ➤ all environmental, routing and lands issues are addressed ➤ <i>the applicant is committed to resolving outstanding issues</i> ➤ the applicant is committed to the consideration and protection of the environment and landowner's rights 	
2(a)	Identification of environmental issues	
2(b)	Any related knowledge gaps	
2(c)	Steps to address knowledge gaps	
2(d)	Proposed mitigation measures (where appropriate) or performance criteria to address environmental issues as per 2(a)	
3	<p><i>Evidence to show that the applicant:</i></p> <ul style="list-style-type: none"> ➤ is fully aware of significant socio-economic impacts of the project ➤ has measures in place to mitigate significant adverse impacts and promote positive outcomes ➤ <i>is committed to carrying out those measures to ensure that the project benefits people directly affected with minimal disturbance to the desirable aspects of their way of life</i> 	
5	<p>Brief project description including:</p> <ul style="list-style-type: none"> ➤ summary of aspects that could reasonably be expected to affect the biophysical environment ➤ land use and natural resource use ➤ definition of the socio-economic impact area and a rationale for the definition 	
7	<p>Information on <i>new</i> lands and land rights including:</p> <ul style="list-style-type: none"> ➤ location for line pipe and associated facilities <ul style="list-style-type: none"> ➤ project location and termini ➤ authorities and organizations contacted to determine route feasibility ➤ constraints or conditions imposed ➤ location for facilities other than line pipe <ul style="list-style-type: none"> ➤ location and purpose of facilities ➤ site plan ➤ present zoning and designation of preferred site and zoning, designation and current land use of surrounding properties ➤ summary of the comments of responsible agencies or regulatory authorities: <ul style="list-style-type: none"> ➤ facility location ➤ site plan, including access road 	
8	<p>Description of environment and relevant socio-economic conditions prior to construction, which may be affected by the project including:</p> <ul style="list-style-type: none"> ➤ maps ➤ narrative description of existing environment <i>in sufficient detail to allow identification of potentially adverse environmental effects</i> ➤ description of socio-economic conditions for the impact area 	
*9(1)	<p>An <i>assessment</i> of :</p> <ul style="list-style-type: none"> ➤ short and long term potentially adverse effects of the project on the environment ➤ present land use ➤ natural resource use ➤ environmental issues requiring individual identification and attention ➤ likely socio-economic trends in the impact area (without the project) ➤ known information about other planned major projects, social or institutional changes in the impact area in the same time frame as the project 	

Section	Information Required	Application
*9(2)(a)	<p>A consideration of:</p> <ul style="list-style-type: none"> ➤ the environmental effects (<i>same definition as CEEA - i.e. includes consequential effects on health, socio-economic conditions, physical and cultural heritage, current use for traditional purposes by First Nations or on structures, sites or things that are of historical, archaeological, paleontological or architectural significance</i>) ➤ environmental effects of malfunctions or accidents that may occur ➤ <i>cumulative environmental effects</i> that are likely to result from the project in combination with other projects or activities that have been or will be carried out ➤ <i>the significance of</i> these effects ➤ comments received from the public 	
*9(2)(c)	<p>Physical environment</p> <ul style="list-style-type: none"> ➤ bedrock, unconsolidated deposits and landforms ➤ permafrost conditions ➤ ground instability ➤ hydrological features ➤ water quality (surface and ground water) ➤ wetlands ➤ ambient air quality ➤ ambient noise levels ➤ areas of high fire potential 	
*9(2)(d)	<p>Organic and Mineral Soils</p> <ul style="list-style-type: none"> ➤ soil classification ➤ soil profile descriptions ➤ Canada Land Inventory capability classification for agricultural lands ➤ official land status ➤ areas susceptible to wind and water erosion ➤ areas susceptible to compaction ➤ areas susceptible to loss of structure and tilth ➤ areas with either sub-surface or surface drainage systems or irrigation systems for agricultural purposes ➤ areas of organic soils used for specialty agricultural crops 	
9(2)(e)	<p>Biotic Environment - Fish</p> <ul style="list-style-type: none"> ➤ description of fish species of ecological, economic or human importance ➤ description of habitat areas for those fish species ➤ description of management or other protected areas ➤ habitat of rare or endangered species 	
*9(2)(e)	<p>Biotic Environment - Terrestrial Wildlife</p> <ul style="list-style-type: none"> ➤ regional abundance of wildlife of human, economic or ecological importance ➤ seasonal range or habitat use, movements and population status ➤ significant habitats ➤ wildlife management areas, sanctuaries or other wildlife areas ➤ habitats of rare or endangered species <p>Biotic Environment - Plant & Forest Communities</p> <ul style="list-style-type: none"> ➤ description of plant and forest communities of ecological, economic or human importance and the nature of that importance ➤ amount, merchantability and location of merchantable timber to be removed during construction ➤ rare, unique or endangered species 	

Section	Information Required	Application
*9(2)(f)	<p>Existing and Proposed Land & Resource Use - R/O/W</p> <ul style="list-style-type: none"> ➤ rural and urban residential areas ➤ Indian reserves ➤ agricultural areas ➤ recreation areas ➤ provincial and national parks ➤ industrial and commercial areas ➤ conservation areas ➤ international Biological Program Sites or other ecological reserves or preserves ➤ paleontological, archaeological and historical sites or areas ➤ controlled or managed forest areas ➤ hunting, trapping or guiding areas ➤ commercial, native and sport fishing areas ➤ recognized scenic areas ➤ water reserves and licences ➤ water supply sources ➤ transportation infrastructure ➤ navigable waters 	
*9(2)(h)	<p>Socio-Economic Conditions</p> <ul style="list-style-type: none"> ➤ local and special group employment opportunities and interactions with other industrial and resource development activities ➤ demographic effects <ul style="list-style-type: none"> ➤ project induced changes in population ➤ project induced changes in distribution ➤ fiscal effects of government programs <ul style="list-style-type: none"> ➤ expenses for infra-structure ➤ health effects ➤ cumulative effects <ul style="list-style-type: none"> ➤ triggering of interactive, long term area wide development forces that could alter the basic economy or traditional culture 	
*9(3)	<p>Indicate</p> <ul style="list-style-type: none"> ➤ significance of potentially adverse environmental effects ➤ relevance of any factor listed in 9(2) + reasons 	
*10	<p>Description of <i>specific</i> measures that are technically and economically feasible to be used to "mitigate" adverse environmental effects to render them insignificant, including:</p> <ul style="list-style-type: none"> ➤ general environmental protection procedures ➤ specific environmental and socio-economic protection measures 	
	<ul style="list-style-type: none"> ➤ condition to which applicant intends to restore and maintain right of way 	
11	<p>Statement by applicant of intention to accept and adhere to recommendations and information provided by a consultant.</p>	
12	<p>Description of environmental education program for project personnel</p>	
14	<p>Information about waste management including:</p> <ul style="list-style-type: none"> ➤ general description of wastes ➤ general assessment of probable effects upon humans, animals and the environment of any accidental release of toxic substances ➤ general process for handling, storing, using or disposing of toxic substances ➤ procedure for cleaning up any accidental release of toxic substances 	
15(1)	<p>Environmental protection measures as part of contingency plans, including:</p> <ul style="list-style-type: none"> ➤ measures to be taken in the event of adverse climatic and stream flow conditions ➤ measures to be taken in the event of construction delay resulting in conflict with any 	

Section	Information Required	Application
	environmentally sensitive periods > measures to be taken in the event of accidents or equipment malfunctions > measures to be taken in the event of a hydrocarbon spill	
15(2)	Criteria to be considered in order to implement the contingency plans Notification process in the event contingency plans are engaged	
16	Preliminary environmental issues list summarizing potentially adverse environmental effects of particular concern including: > location > processes to mitigate > regulatory approvals that must be obtained	
17	Procedures to monitor potentially adverse environmental effects through all project phases, including: > general procedures to monitor potentially adverse environmental effects, effectiveness of mitigative measures, recovery and restoration, new environmental issues that arise after construction begins and the status of environmental issues pre and post construction > specific procedures to address environmental issues specific to the project	
18	Description of: > proposed control structure including authorities responsible for assessing enhancement and mitigative measures > policy and procedures for environmental inspection > on-site inspection procedures > training requirements for applicant's staff having environmental responsibilities > rationale for training and experience standards with respect to the qualifications of the environmental inspector	
19	References used in support of the environmental impact assessment	
20	Information about additional environmental and siting studies including: > purpose > scheduling > methodology > qualifications of persons responsible > range of potentially adverse environmental effects which may be identified by the studies and associated mitigative measures	
21	List of agencies & organizations contacted to discuss environmental matters related to project development and brief description of topics discussed	

CEAA Information Requirements - Screening

Section	Information Required	Application
16(1)(a)	Environmental effects of the project including: > Environmental effects of malfunctions or accidents > <i>Cumulative environmental effects</i> that are likely to result from the project <i>in combination with other projects or activities that have been or will be carried out</i>	
16(1)(b)	Significance of the effects identified above	
16(1)(c)	Comments from the public that are received in accordance with the Act or Regs.	
16(1)(d)	Measures that are technically and economically feasible that would mitigate any significant adverse environmental effects of the project	
16(1)(e)	Any other matter that the Minister or responsible authority may require	

Attachment 3
Proposed Table of Contents

PROPOSED TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
EXECUTIVE SUMMARY	
1. INTRODUCTION	
1.1 Project Scope	
1.2 Purpose	
1.3 Regulatory Approvals and Process	
2. ROUTE AND SITE SELECTION	
2.1 Development Corridor Selection	
2.2 Routing	
2.3 Central Facility	
3. PROJECT DESCRIPTION	
3.1 Gathering System	
3.2 Pipeline	
3.3 Central Facility	
3.4 Construction Staging Areas, Camps and Access	
3.5 Proposed Construction Techniques	
3.5.1 Central Facility	
3.5.2 Gathering System and Pipeline	
3.6 Operations and Maintenance	
3.7 Decommissioning and Abandonment	
4. PROJECT SCHEDULE	
5. PUBLIC CONSULTATION	
5.1 Overview	
5.2 Summary	
6. EXISTING ENVIRONMENT	
6.1 Regional Setting	
6.2 Climate and Meteorology	
6.3 Physical and Surficial Geography	
6.3.1 Terrain	
6.3.2 Permafrost	
6.3.3 Seismic Activity	
6.4 Hydrology	
6.5 Vegetation and Soils	
6.5.1 Vegetation	
6.5.2 Rare Plants	
6.5.3 Soils	

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
6.6 Wildlife	
6.6.1 Wildlife With Special Conservation Status	
6.6.2 General Wildlife Capability	
6.6.3 Avifauna	
6.6.4 Mammals	
6.6.5 Identified Wildlife Use Areas	
6.7 Fish and Fish Habitat	
6.8 Land Use	
6.9 Cultural and Heritage Resources	
6.10 Traditional Knowledge	
6.11 Socio-Economic Overview	
6.11.1 Regional Overview	
6.11.2 Direct Impact Area	
6.11.3 Political Structure	
6.11.4 Local Economy	
6.11.5 Population	
6.11.6 Education	
6.11.7 Labour Force	
6.11.8 Community Profile	
6.11.9 Housing and Accommodation	
6.11.10 Socio-Economic Trends in the Absence of the Proposed Project	
7. IMPACT ASSESSMENT AND MITIGATION	
7.1 Potential Environmental Implications	
7.2 Pipeline and Gathering System Construction	
7.2.1 Air Quality and Noise Pollution	
7.2.2 Geotechnical Aspects	
7.2.3 Hydrology	
7.2.4 Soils and Vegetation	
7.2.5 Wildlife and Wildlife Habitat	
7.2.6 Fish	
7.2.7 Cultural and Heritage Resources	
7.2.8 Traditional Land Use	
7.3 Facility Construction	
7.3.1 Air Quality and Noise Pollution	
7.3.2 Geotechnical Aspects	
7.3.3 Hydrology	
7.3.4 Soils and Vegetation	
7.3.5 Wildlife	
7.3.6 Fish	
7.3.7 Cultural and Heritage Resources	

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
7.3.8 Traditional Land Use	
7.4 Pipeline and Facility Operation	
7.4.1 Environmental Monitoring	
7.4.2 Pipeline and Facility Repair	
7.5 Cumulative Effects Assessment and Residual Impacts	
7.6 Socio-Economic Impact Assessment	
7.6.1 Issues Scoping	
7.6.2 Employment and Training	
7.6.3 Environmental Concerns	
7.6.4 Traditional Land Use	
7.6.5 Project Related Impacts	
7.6.6 Health	
7.6.7 Social Services	
7.6.8 Municipal and Transportation Infrastructure	
7.6.9 Housing and Accommodation	
7.6.10 Traditional and Non-Traditional Land Use	
7.6.11 Indirect and Cumulative Impacts	
7.6.12 Summary	
8. FOLLOW-UP PROGRAMS	
9. EMERGENCY RESPONSE PLAN	
10. RECLAMATION, ABANDONMENT AND DECOMMISSIONING	
10.1 Construction Program	
10.2 Pipeline and Gathering System	
10.3 Facilities	
11. CLOSURE	
12. REFERENCES	
13. GLOSSARY	

3000 - A000 - 13



Suite 1200
700 - 2nd Street S.W.
Calgary, Alberta
Canada T2P 4V5
Telephone (403) 298-1000
Facsimile (403) 263-9193
www.gowlings.com

Alan S. Hollingworth, Q.C.
Direct (403) 298-1824
Direct Fax (403) 263-9193
alan.hollingworth@gowlings.com
Jackie Hagel, Assistant
Direct (403) 298-1808

File: 79705

August 10, 2000

National Energy Board
444 - 7th Avenue S.W.
Calgary, Alberta
T2P 0X8

ATTENTION: Mr. Michel L. Mantha, Secretary

Dear Mr. Mantha:

Re: Paramount Resources Ltd. ("Paramount") - Cameron Hills Project

On July 28, 2000, we forwarded twenty five copies of a draft environmental scoping document with respect to the above-captioned project.

Since that time, the document and the development have been subject to continued review and refinement. Accordingly, we wish to advise as follows:

1. The screening document does not state, as it should, that portions of the project are subject to environmental assessment under the *Mackenzie Valley Resource Management Act*.
2. On page 2 of the document, Section 1.1.3 is entitled "COGOA Gathering System and Central Battery". Item 2 should have an additional well added which is identified as A-46 Grid Area 60° 10', 117° 30'. The approximate length of the gathering system is now 41 km.
3. Also in Section 1.1.3 on page 2, item 3 should have a further well added which is identified as I-73 Grid Area 60° 10', 117° 15'. The approximate length of the gathering system is now 16 km.
4. At the top of page 5 of the document, there is a reference to a planned tie-in of existing wells in Alberta. This is not presently mentioned in the NEB Section 52 portion of the project described in Section 1.1.2 on page 2. We would advise that Paramount is applying to install

a tee, riser and a flange at the tie-in location for each of these Alberta wells to the transborder pipeline.

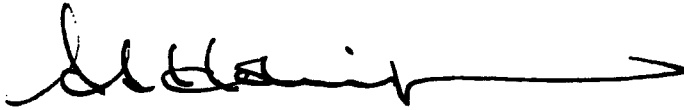
5. On page 3 of the document, item 14 refers to 8 km of lined water disposal pipeline. This length should read 12 km.

For your convenience, we are forwarding the original and twenty five copies of this letter since it forms a correction to the previously filed document.

We look forward to receiving your comments at an early date.

Yours very truly,

GOWLING LAFLEUR HENDERSON LLP



Alan S. Hollingworth

ASH/jeh

Encl.

DELIVERED

ASH_P/631700.3/DH4C011.WPD