



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

Environment and Climate Change Canada's Presentation to the Nunavut Impact Review Board Respecting the Mary River Phase 2 Proposal

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08MN053 - Public Hearing
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08MN053 - የጀጀጀ ምጀጀ ቢጀጀ
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Overview

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- Mandate
 - Relevant Acts and Regulations
 - Status of Environment and Climate Change Canada's Technical Comments
 - Outstanding Comments and Recommendations
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Relevant Acts and Regulations

एवं उचित संग्रहालयों की विज्ञान

- *Department of the Environment Act*
- *Canadian Environmental Protection Act*
- *Fisheries Act* – Pollution Prevention Provisions
- *Migratory Birds Convention Act*
- *Species at Risk Act*
- अमेरिकी विभाग की विभिन्न विधेयकों की विज्ञान
- बैरिटन की विभिन्न विधेयकों की विज्ञान
- अमेरिकी विभाग की विभिन्न विधेयकों की विज्ञान
- बैरिटन की विभिन्न विधेयकों की विज्ञान
- दूसरी विभिन्न विधेयकों की विज्ञान

Current Status of Technical Comments L^أQ ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ

ECCC 3.1	Open-Water and Shoulder Season Δل&ع ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ	Resolved ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ
ECCC 3.2	Sea Ice Trends and Projected Changes ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ	Resolved ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ
ECCC 3.3	Migratory Birds and Avian Species at Risk Effect Assessment and Mitigation Measures ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ	Resolved ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ
ECCC 3.4 to 3.7	Calculation of Total Greenhouse Gas Emissions ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ	Resolved ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ
ECCC 3.8	Black Carbon Emissions ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ	Resolved ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ
ECCC 3.9	Criteria Air Contaminants from Marine Shipping ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ	Resolved ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ
ECCC 3.10	Comparison of Modelled NO ₂ , SO ₂ and Dustfall to Measured Concentrations ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ	Resolved ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ
ECCC 3.11	Nitrogen Dioxide Concentrations (predictions) ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ	Resolved ٍبٌوΔسٌٍلٌٍسٌٍرٌٍ لٌٍسٌٍرٌٍ



Current Status of Technical Comments Liaison à l'Agence de l'environnement et du changement climatique

ECCC 3.12	Mitigation of Criteria Air Contaminants Граничные вещества в воздухе	Resolved Решено
ECCC 3.13	Continuous Particulate Monitoring Безперебойный мониторинг	Resolved Решено
ECCC 3.14	Wind Turbines Ветряные турбины	Resolved Решено
ECCC 3.15	Changes in Extreme Precipitation Events Изменение экстремальных осадков	Resolved Решено
ECCC 3.16	Sedimentation to Water Bodies along the Transportation Corridor Седиментация в водные объекты вдоль транспортного коридора	Resolved Решено
ECCC 3.17	Milne Port Effluent Discharge Выделение сточных вод из порта Милн	Resolved Решено
ECCC 3.18	Marine Water Quality Monitoring Мониторинг качества воды в море	Resolved Решено

Current Status of Technical Comments Liaison à la Direction des commentaires techniques

ECCC 3.19	Acid Rock Drainage and Metal Leaching at the Waste Rock Facility Résolution de l'écoulement acide et de la leaching métallique dans les déchets rocheux	Resolved Défini et traité
ECCC 3.20	Acid Rock Drainage and Metal Leaching at Rail Line Rock Cuts and Quarries Résolution de l'écoulement acide et de la leaching métallique dans les coupes et les carrières de voies ferrées	Resolved Défini et traité
ECCC 3.21	Site Specific Tactical Response Plans for Bridges Plan tactique de réponse spécifique au site pour les ponts	Resolved Défini et traité
ECCC 3.22	Arctic Diesel Fuel Spill Modelling Modélisation des déversements de carburant diesel dans l'Arctique	Resolved Défini et traité
ECCC NEW	Shipping in the Northwest Passage Navigation dans le Passage du Nord-Ouest	Resolved Défini et traité

ECCC-FC1

(Resolved ບ່ລັນອາວັດ ຈົດ)

Canadian Ambient Air Quality Standards and Reporting of Monitoring Data

ບຸກຄົງ ນົບສົມາລະກາງ ດຳເນີນ ຕົວຢ່າງ ລົດລັດ ນົບໄປຕະຫຼອດ ທີ່ ນົບໄປຕະຫຼອດ ສົກສົງ

ECCC recommends that the Proponent

- Submit all air quality and meteorological monitoring data as part of the annual reports and compare the monitoring data to the Canadian Ambient Air Quality Standards, where applicable.
- Include any photos taken of dust on snow in the annual reports
- Present the predicted concentrations in the annual reports as a range of absolute concentrations

ECCC ດຳເນີນ ລົດລັດ ລົດ

- ຈົດລັດ ອຸນຫະການ ດຳເນີນ ຕົວຢ່າງ ພົມ ແລ້ວ ນົບສົມາລະກາງ ຕົວຢ່າງ ຮັດ ຖໍ່ ລົດລັດ ສົກສົງ ໂດຍ ທີ່ ນົບໄປຕະຫຼອດ ສົກສົງ ຢູ່ມັກ ເພື່ອ ດິນ ດຳເນີນ ວົງທີ່ ປົມ ແລ້ວ ໄດ້ ດຳເນີນ ຕົວຢ່າງ ວົງທີ່ ປົມ ແລ້ວ ຕົວຢ່າງ ພົມ ພົມ ທີ່ ລົດລັດ ຢູ່ມັກ ຕົວຢ່າງ ພົມ ພົມ ມີ ໄດ້ ຕົວຢ່າງ ວົງທີ່ ປົມ ແລ້ວ ຕົວຢ່າງ ພົມ ພົມ
- ເພີ້ມ ໃຊ້ ວົງທີ່ ປົມ ແລ້ວ ດຳເນີນ ວົງທີ່ ປົມ ແລ້ວ ຕົວຢ່າງ ວົງທີ່ ປົມ
- ຖໍ່ ພົມ ວົງທີ່ ປົມ ແລ້ວ ຕົວຢ່າງ ວົງທີ່ ປົມ ແລ້ວ ດຳເນີນ ວົງທີ່ ປົມ

ECCC-FC2

(Resolved አለበኑልኩር ስር)

Nitrogen Dioxide, Power Generation and Mobile Equipment Engine Tier

አሸናብበስና ፊርማ አበዳሪር ጥያቄዎችን ተረጋግጧል፡፡ አገልግሎት የተለመደው

አገልግሎት መቅረብ የሚከፍል ስር የሚፈጸም ነው፡፡

ECCC recommends that the Proponent

- Investigate NO₂ reduction measures that could be applied to power generation that would offset the use of a portion of the emissions from the generators. This information should be provided in a management plan along with a quantitative analysis of the potential emissions offset.
- Commit that all mobile equipment (new and existing) be Tier 4 or better.

ECCC የጋራ ማስረጃዎች ለማሳወቅ ይሰጣል፡፡

- ንብረቱ አገልግሎት NO₂ ጥያቄዎችን ተረጋግጧል፡፡ የሚቀርቡት የፖ.፲፭ አገልግሎት መቅረብ የሚከፍል ስር የሚፈጸም ነው፡፡ እንዲሁም አገልግሎት መቅረብ የሚከፍል ስር የሚፈጸም ነው፡፡ አገልግሎት መቅረብ የሚከፍል ስር የሚፈጸም ነው፡፡
- ለማሳወቅ የሚከፍል ስር የሚፈጸም ነው፡፡ እንዲሁም አገልግሎት መቅረብ የሚከፍል ስር የሚፈጸም ነው፡፡

ECCC-FC4

(Resolved ድጋፍ ምክንያት)

Black Carbon Emissions

የቀኑ ማረጋገጫ ቤት አንድ ማስተካከል

Given the sensitive nature of the Arctic, ECCC recommends the Proponent investigate additional mitigation measures to mitigate the black carbon associated with Project-related shipping.

- የሚከተሉ መሳሪያዎች የሚከፈልበት እና የመጀመሪያ ሰራተኞች ለመከተል ተዘግቷል፡ ምክንያቱም የገዢ እና የሀይል የቴክኖሎጂ እና የሚከተሉ ወጪ ይሁዳል፡ በመመርመጥ ይህንን ማረጋገጥ ነው፡ ምክንያቱም በፊት የገዢ እና የሀይል የቴክኖሎጂ እና የሚከተሉ ወጪ ይሁዳል፡ በመመርመጥ ይህንን ማረጋገጥ ነው፡

ECCC-FC5

(Resolved ബലുന്നാഡിക് രംഗ്)

Acid Rock Drainage and Metal Leaching at the Waste Rock Pile, Quarries and Rail Line Rock Cuts

ആരോഗ്യപരമായ പാലക്കാട് ദിവസം മുൻപുള്ള വിവരങ്ങൾ അനുസരിച്ച് ആലോചന ചെയ്യുന്നതാണ് ഇത്.

ECCC recommends that

- The Nunavut Impact Review Board include a new Term and Condition as part of Project Certificate No. 005 that requires the Proponent to Submit the Phase 1 Waste Rock Management Plan for review by interested parties
- The Proponent consider the results of the Phase 1 Waste Rock Management Plan in re-evaluating the 0.2 % Sulphur cut-off for quarries and rock cuts.

ECCC സൗജന്യം

- മുഖ്യ ഏകദശഭരണ വ്യവസ്ഥയിൽ ബന്ധപ്പെട്ട ഫീസുകൾ ലൈസൻസിലെ ലൈസൻസിലെ അനുഭൂതികൾ അനുഭൂതികൾ 005 അനുഭൂതി കോർപ്പറേഷൻ മുൻപുള്ള വിവരങ്ങൾ അനുഭൂതികൾ ദിവസം മുൻപുള്ള വിവരങ്ങൾ കോർപ്പറേഷൻ കുറയ്ക്കുന്നതാണ്.
- അനുഭൂതി ലൈസൻസിലെ മുൻപുള്ള വിവരങ്ങൾ അനുഭൂതികൾ ദിവസം മുൻപുള്ള വിവരങ്ങൾ അനുഭൂതികൾ 0.2 % Sulphur ദിവസം മുൻപുള്ള വിവരങ്ങൾ അനുഭൂതികൾ.

ECCC-FC6

(Resolved ബലുംനാട്ടിന് രണ്ട്)

Arctic Diesel Fuel Spill Modelling

▷ പരിപാലന വിവരങ്ങൾ നൽകുന്നതിനുള്ള അനുഭവം ആശയം

ECCC continues to recommend that the Proponent

- Conduct Arctic Diesel fuel spill modelling for all scenarios in order to account for the differences in the fate and behavior with Intermediate Fuel Oil and adequately determine the best response strategy for Arctic Diesel.

ECCC രണ്ട് അനുഭവം ആശയം

- നിർദ്ദേശിക്കുന്ന പരിപാലന വിവരങ്ങൾ നൽകുന്നതിനുള്ള അനുഭവം ആശയം നിലനിൽക്കുന്നതിനുള്ള അനുഭവം നിലനിൽക്കുന്നതിനുള്ള അനുഭവം നിലനിൽക്കുന്നതിനുള്ള അനുഭവം.

Thank you

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Canada