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ᓂᓂᓐᓂᓐ 3 ᓐᓂᓐᓂᓐ 4, 2024

2AM-MRY-1325 Type A Water Licence Renewal

NWB Technical Meeting

December 3-4, 2024





MISSION

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Our mission is to become the lowest cost producer of high-grade iron ore in the world.

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VISION

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Our vision is to safely and efficiently identify and develop resources within Baffin island, unlocking their wealth-generating potential for the benefit of all stakeholders.

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VALUES

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Health & Safety
Safety as a value.

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Integrity
Do what is right, not what is easy.

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Engage and Develop our People

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Respect for all

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Environmental Stewardship

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Pursue Performance Excellence

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**MARY RIVER WATER LICENCE
RENEWAL OVERVIEW**

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Mary River Water Licence History

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- **ᓂᓗ 10, 2013:** ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ 2AM-MRY1325
- **ᓂᓗ 21, 2015:** ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ 1. ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ 2AM-MRY1325 (ᓂᓗᓂᓐ ᓂᓗᓂᓐ)
- **ᓂᓗ 26, 2024:** ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ ᓂᓗᓂᓐ

Key Dates

- **June 10, 2013:** Issuance of Type 'A' Water Licence 2AM-MRY1325
- **July 21, 2015:** Issuance of Amendment No. 1 to Type 'A' Water Licence 2AM-MRY1325 (Early Revenue Phase)
- **June 26, 2024:** Renewal Application Submission



NUNAVUT WATER BOARD

WATER LICENCE NO: 2AM-MRY1325

ΔΛΓΪϚ ϚΔΗΨ ϞϚΨϚϚϚϚϚϚϚ ϞΔϚϚϚϚϚϚ ϚϚϚϚϚϚ

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Water Licence Renewal Overview

- Requesting a 15-year term
- No substantive changes to current licence terms and conditions requested as part of the water licence renewal
 - Minor improvements to improve functionality
- Management Plans for current operations provided for reference, already subject to annual review
- Current licence issued based on Project Certificate (PC) 005, everything in scope of PC is included in the current water licence



ΔΛΓΨ ΓΔΗΨΔΨ ΨΒΔΨΔΨΔΨΔΨΔΨ ΔΓΔΨΒΓΔΨ Water Licence Monitoring Team

• ΔΔΓΔΓΔΨΔΨ ΔΓΔΨΒΓΔΨ

- 7 ΔΔΔΨ ΨΒΔΨΔΨΔΨΔΨ ΔΔΔΨ ΨΒΔΨΔΨΔΨ
- 4 ΨΨΨΔΔ ΔΔΔΨ ΒΔΨΨΒΓΔΨΔΨΔΨ
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• Site Environment Team

- 7 Inuit technician and specialists
- 4 QIA environmental monitors



ΔΛΓΠΔΔΔΔΔ ΔΔΔΔΔΔΔΔΔΔΔ ΔΔΔΔΔΔΔ Freshwater Monitoring Programs

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- Aquatic Effects Monitoring Program (AEMP)
 - Surveillance Network Program (SNP)
 - Environmental Effects Monitoring (EEM)
 - Core Receiving Environment Monitoring Program (CREMP)
 - Lake Sedimentation Monitoring Program
 - Dustfall Monitoring Program
- Hydrometric Monitoring
- Groundwater Monitoring
- Tote Road Monitoring Program (TRMP)

ΔΛΨϯ ΔΰΔΔσΨΔ ΨΔΔΰΨΨ<ϯΔΨΨΔΨΨΔΨΨ ΔΔΔΔΨ Aquatic Effects Monitoring Program (AEMP)

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- ΔΨΔΔΔΔΔΔ: ΔΔΨϯ ΨΔΔΰΨΨ, ΔΔΔΔ ΔΨΔΔΔΔΔ, ΔΔΔΔΔ, ΔΨΨΨΔ ΔΔΔΔΔΔ
- Monitoring freshwater lakes and streams in the receiving environment
 - Water samples
 - Studies on sediment, benthic invertebrates and fish
- Data is compared geographically, temporally, and against benchmarks
- Methods: water sampling, electrofishing, gill nets, sediment traps



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Λ^c⌊^cΔ^ε⌊^c - ⌊^cσ

Aquatic Effects Monitoring Program - Streams

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- Engagement carried out by Inuit-led team
- Communication about Mary River Project in Inuktitut and English, following and respecting Inuit oral traditions
- Ongoing engagement regarding on the Mary River Project
- Inuit knowledge



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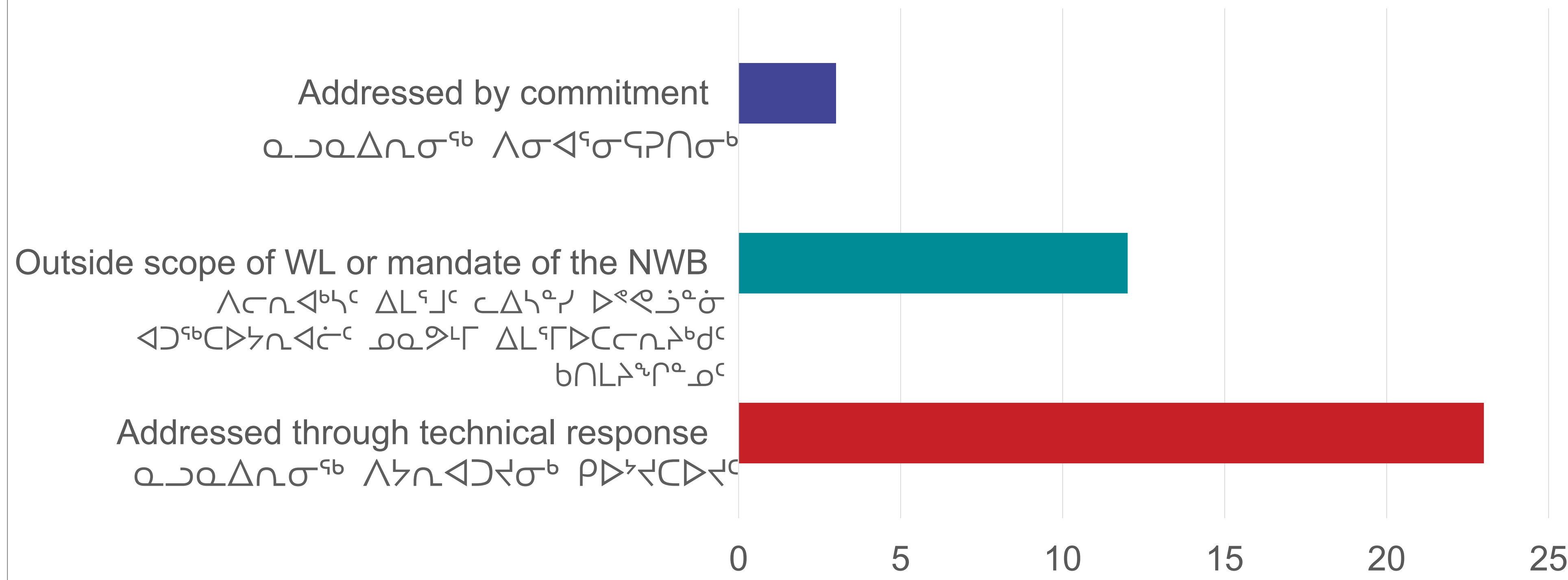
Qikiqtani Inuit Association

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38 technical
comments

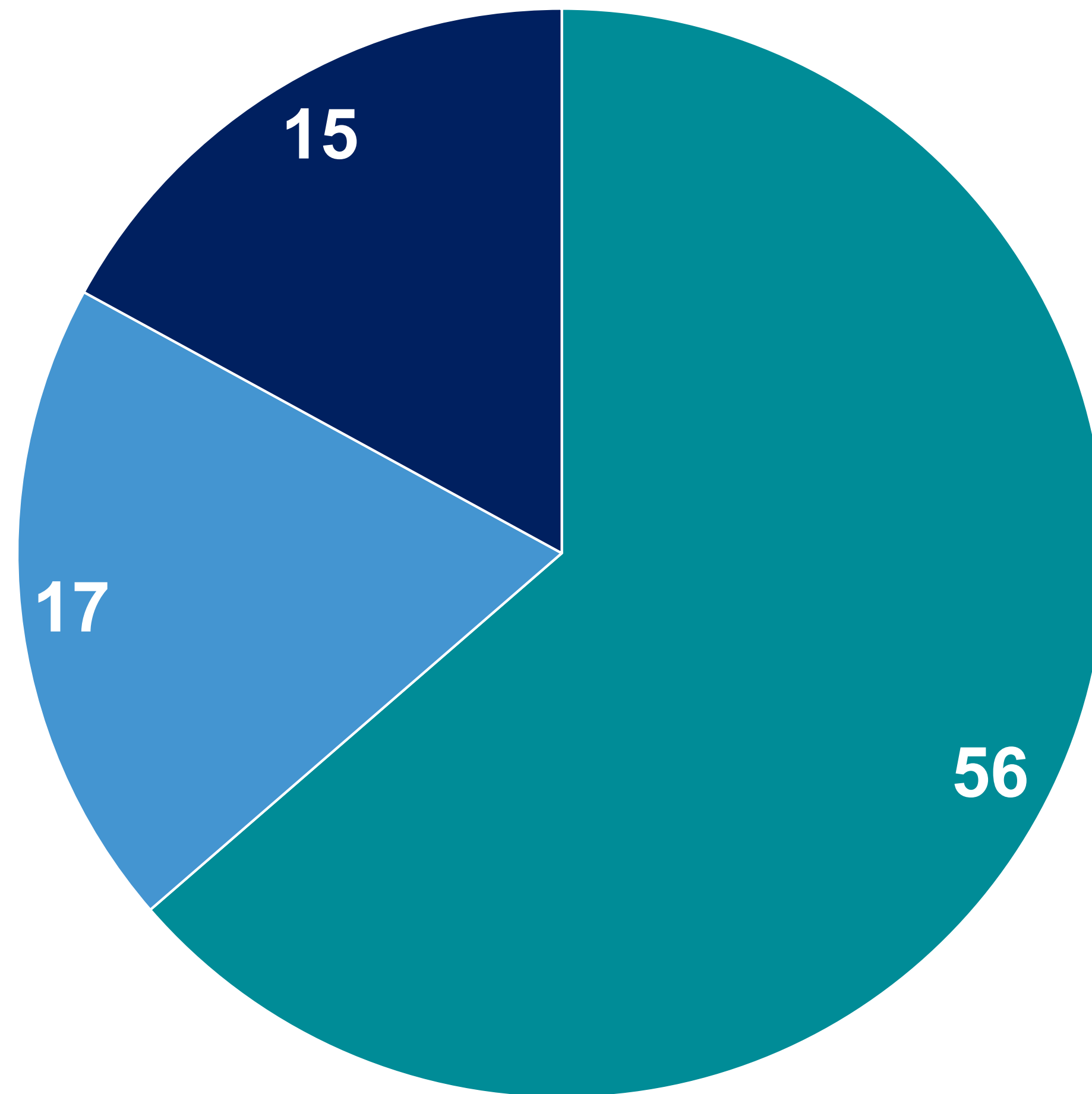


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Technical Comment Summary



- Addressed through technical response
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- Outside scope of WL or mandate of the NWB
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- Addressed by commitment
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CONCLUSION



THANK YOU

NORTHERN HEAD OFFICE

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