Crown-Indigenous Relations and Northern Affairs Canada
Relations Couronne-Autochtones et Affaires du Nord Canada

Nunavut Regional Office (NRO)
P.O. Box 2200
Iqaluit, NU, X0A 0H0

August 30, 2018

Mr. Thomas Kabloona
The Chair,
Nunavut Water Board
P.O. Box 119, Gjoa Haven,
NU X0B 1J0

Dear Mr. Kabloona:

RE: CAM-E (Keith Bay) Remediation Project: 2017 Annual Report for Water Licence No: 1BR-KEI1722

Please find attached the 2017 annual report for the Water licence No: 1BR-KEI1722 issued for the remediation of the CAM-E (Keith Bay) site.

If you have any questions or comments, please contact the undersigned or the Project Manager, Dele Morakinyo at dele.morakinyo@canada.ca, or by telephone at (819) 934 - 9224

Sincerely,

Charlotte Lamontagne
Director,
Contaminated Sites Program (NRO)
Tel: (867) 975-4730
Fax: (867) 975-4736
Email: charlotte.lamontagne@canada.ca

CC: Nunavut Impact Review Board (NIRB), Cambridge Bay, Nunavut

Canada

NWB Annual Report **Year being reported:** 2017

License No: 1BR-KEI1722 **Issued Date:** January 17, 2017
Expiry Date: January 16, 2022

Project Name: CAM-E (Keith Bay) Site Remediation

Licensee: Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC)

Mailing Address:
PO Box 2200
Iqaluit NU
X0A 0H0

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

N/A

General Background Information on the Project (*optional):

The Government of Canada has implemented the Federal Contaminated Sites Action Plan (FCSAP) to clean up federally owned contaminated sites, most of which the Department of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) (formerly INAC) is the custodian, and which pose risks to human health and/or the environment. One of such sites is the abandoned CAM-E Intermediate Distant Early Warning (DEW) Line Site, located about 75km to the east of Kugaaruk, Nunavut. CIRNAC applied for, and received funding approval under FSCAP, for the investigation and cleanup of this former DEW line site.

CAM-E was constructed in 1957 as an Intermediate DEW Line site. The station was taken out of service in 1963 and in 1965, responsibility for the site was assumed by INAC. The site consists of two (2) distinct areas – Area 1 - the main site area (which housed the station's module train, garage, warehouse, and so on) and Area 2 - the beach area. There are two (2) airstrips (one in each of the two (2) areas). The airstrips are in good conditions and they are currently being used for flight landing and taking off to move people and site supplies / resupplies, as the remediation works progress.

Facilities constructed at the main station - Area 1 - included a module train, warehouse, garage, Petroleum, Oil and Lubricant (POL) tanks, Quonset huts, storage pads and a radar tower. A small airstrip (460 m long), located north of the main station, was also part of the site infrastructure. Area 2 - the beach plateau area has a larger airstrip (915 m long); a bunker for cold storage and some Quonset huts. Area 2 is located approximately 5.6 km away from Area 1. Currently, all structures at both locations have been demolished and the site now consists of scattered debris of the felled structures (including the remains of the module train, radar tower, warehouse, garage, POL tanks and the huts). The site also contains large stockpiles of drums at the main site and several locations of scattered drums all over the site including the beach area; soils contaminated with petroleum products (e.g. gasoline and diesel); soils contaminated with metals (such as lead) and PCBs, asbestos containing materials,

Licence Requirements: the licensee must provide the following information in accodance with

Part B Item 1

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	Freshwater Lake (within the site)	
Water Quantity:	14/day	Quantity Allowable Domestic (cu.m)
	8.5/day max	Actual Quantity Used Domestic (cu.m)
	N/A	Quantity Allowable Drilling (cu.m)
	N/A	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- ☑ Solid Waste Disposal
- ☑ Sewage
- ☐ Drill Waste
- ☑ Greywater
- ☑ Hazardous
- ☐ Other:

Additional Details:

None

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: none (as reported to the Spill Hot-line)
Date of Spill: none
Date of Notification to an Inspector: N/A
Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

No major spills were recorded in 2017.

Spill No.: None
Date of Spill: None
Date of Notification to an Inspector: N/A
Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

None

Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed

Additional Details:

None

Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed

Additional Details:

None

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

WORK COMPLETED:

The 2017 construction season marked the beginning of remedial activities at the CAM-E site. During March and April 2017, equipment and personnel were mobilized to site using a winter road from Kugaaruk, NU, to set up camp facilities. Personnel were mobilized to site using aircraft access to begin remedial work in mid-June.
Remedial works began in June 2017 and were concluded in September 2017. Major works completed in 2017 include:

- Construction of Non-Hazardous Waste Landfill, Landfarm Facility and Tier II Soil Landfill.
- Surface debris removal and sorting from areas of soil excavation.
- Borrow source area development.
- Granular material production.
- Barrel sorting and crushing.
- Testpit investigation.
- Road and Airstrip upgrades and maintenance.
- Structure demolition and disposal.
- Hazardous material collection, sorting, and disposal and storage.
- Burning of non-painted wood debris.
- Excavation of 4120 m3 of Type B PHC soils and 1031 m3 of Type A PHC soils.
- Excavation of 212 m3 of Tier I soil, and 495 m3 of Tier II soil.
- Backfilling of completed excavations.
- Processing buried debris material.

FUTURE WORKS PROPOSED UNDER THIS LICENCE FOR COMPLETION IN 2018:

- Construction and closure of Waste Facilities.
- Decommissioning of Landfarm Facility.
- Decommissioning of borrow source areas.
- Demolition of site bunker.
- Surface debris removal and disposal.
- Barrel processing and crushing.
- Excavation of remaining impacted soils.
- Backfilling of excavated areas.
- Road and Airstrip upgrades and maintenance.
- Processing buried debris material.
- Re-grading Buried Debris Areas (BDAs).
- Decommission camp facilities.

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Details attached

Additional Details:

See GPS Co-ordinates below

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited:

Details attached

Additional Details:

See GPS Co-ordinates attached

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board

Additional Details: (date of request, analysis of results, data attached, etc)

None

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board

Additional Details: (Attached or provided below)

None

Any responses or follow-up actions on inspection/compliance reports

No inspection and/or compliance report issued by INAC

Additional Details: (Dates of Report, Follow-up by the Licensee)

Any additional comments or information for the Board to consider

None

Date Submitted:	August 30, 2018	
Submitted/Prepared by:	Dele Morakinyo	
Contact Information:	**Tel:**	(819) 934-9224
	Fax:	(819) 934-9229
	email:	dele.morakinyo@canada.ca

GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	Deg °	Min '	Sec "	Deg °	Min '	Sec "
Freshwater Lake	68	17	32.20	88	06.00	06.50

GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	Deg °	Min '	Sec "	Deg °	Min '	Sec "
Sewage Treatment Facility	68	17	42.70	88	07	00.96
Non-Hazardous Waste Landfill	68	15	08.05	88	09	07.21
Landfarm Facility	68	15	12.24	88	09	07.94
Tier II Soil Disposal Facility	68	15	04.00	88	09	09.95

Appendix A:

CAM-E (KEITH BAY) REMEDIATION PROJECT

EXECUTIVE SUMMARY

CAM-E (KEITH BAY) FORMER DEW LINE SITE REMEDIATION PROJECT

NON-TECHNICAL EXECUTIVE SUMMARY

1. BACKGROUND

The Government of Canada has implemented the Federal Contaminated Sites Action Plan (FCSAP) to clean up federally owned contaminated sites (most of which the department of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) (formerly INAC)) is the custodian and which pose risks to human health and/or the environment. CAM-E (Keith Bay) is one of those. CIRNAC applied for, and received funding approval under FSCAP, for the investigation and cleanup of CAM-E (Keith Bay) site in Nunavut.

CAM-E (Keith Bay) station was constructed in 1957 as an Intermediate Distant Early Warning (DEW) Line Station. The station (which is located 75 Km to the east of Kugaaruk) was operated for about 6 years and was taken out of service in 1963. In 1965, the responsibility for the site was assumed by CIRNAC.

CAM-E site consists of two (2) distinct areas – Area 1 - the main site area, and Area 2 - the beach plateau area. Area 1, initially, consisted of a module train, warehouse, garage, petroleum, oil and lubricant (POL) tanks, quonset huts, storage pads, a radar tower and an airstrip (460m long) while Are 2 - the beach plateau area, initially, consisted of a bunker for cold storage, some Quonset huts, and a longer (915 m long) airstrip. Area 2 (the beach area) is located approximately 5.6 km away from Area 1. All the structures on the site (both Area 1 and Area2) have, now, been demolished and the site now consists of scattered debris and remains of the felled structures. The site also contains large stockpiles of drums at the main site (Area 1) and several locations of scattered drums at the beach area, soils contaminated with petroleum products (e.g. gasoline and diesel), soils contaminated with metals (e.g. lead) and PCBs, asbestos containing materials, batteries, gas cylinders and so on.

2. SITE LOCATION/ACCESS

CAM-E (Keith Bay) site is located at approximate latitude, 68° 17’ 16” N; and Longitude, 88° 7’ 10” W and at about 75 km east of Kugaaruk (the nearest Nunavut community to the site). The

site is accessible by ATV, snowmobile, airplanes, helicopter, CAT train and boat. Heavy equipment and materials can be moved to and out of the site by sealift or a combination of sealift and CAT train while personnel movement and supplies/resupplies can be done by helicopter, airplanes, ATV or boat.

Historically, it has been difficult to land barges at CAM-E or any other closer location (Kugaaruk inclusive) because of large ice build-ups in the area. So, a feasible approach is to sealift the heavy equipment to either Taloyoak or Repulse Bay (where the cargo ships reach) and then CAT train to site. Cargo ships do not go to Kugaaruk unless it is accompanied by an ice breaker. The contractor for this project (Kudlik) adopted the cargo ship with ice breaker approach and mobilized his equipment and supplies with shipment via sealift from Sainte-Catherine, QC to Kugaaruk, NU, in the summer of 2016 and then CAT trained to the CAM-E from Kugaaruk in winter, March/April, 2017.

3. PROJECT ACTIVITIES & SCHEDULE

Environmental site assessment (ESA) activities were carried out to identify and estimate the quantities and extents of contaminants of concerns on CAM-E (Keith Bay) site. Reports of these assessment studies were produced by Environmental Science group (ESG) (1995); WESA (February, 2012); and by Stantec (2013). The investigation reports are as follows: Based on these site assessment studies, a site clean plan was developed for the cleanup of the CAM-E (Keith Bay) site. Following the development of the draft of the plan, a community consultation, in the form of public meeting, was held in Kugaaruk on January 8, 2014. The meeting was well attended by members of the communities and feedbacks from the meetings were considered when the plan was finalized.

The cleanup of the CAM-E site planned for the years 2016 to 2020 commenced in 2016. Summary of tasks being completed at the site include: mobilization to site; improvement of site access routes, site internal roads and airstrips; Camp set-up and operation; and the actual remediation of the site. Full details of works completed and yet to be completed are contained in the Annual Report Spread sheet attached. Additional details are available in the cleanup plan document previously submitted to the regulatory bodies via Nunavut Planning Commission (NPC). The project is scheduled for final completion on March 31 2020.

Prior to the start of the remedial works, authorizations were obtained from the following regulatory bodies: Nunavut Planning Commission for conformity check; Nunavut Impact Review Board (NIRB) for Screening; Indigenous and Northern Affairs Canada (INAC) for Land Use Permit; and Nunavut Water Board (NWB) for Water Use Licence.

Following the completion of site remediation (by 2020) at CAM-E, INAC will embark on up to 25 years of long term monitoring of the site to ensure the stability of the non-hazardous landfill facility as well as the Tier II (metals and PCB) landfill at the site. Any problems discovered during the post-remediation monitoring shall be fixed. This monitoring procedure is in accordance to INAC's Abandoned Military Sites Remediation Protocol (AMSRP).

4. SOCIAL IMPACT OF THE PROJECT

As much as possible, the project has adopted and will continue to adopt solutions tailored to the northern environment and its inhabitants, by using local knowledge and including the unique needs of northerners and their environments in the remediation work plan.

Apart from the public community meeting held to present the draft clean up plan to the community in 2014, other community consultation meetings are being held in Kugaaruk as the site cleanup activities progresses to discuss employment and sub-contracting opportunities and work progress.

The contracting/procurement procedure being adopted for this project aims at maximizing the benefits of the project to the closest northern community (Kugaaruk) by employing local and northern employees and engaging the services of local and northern sub-contractors.

Appendix B:

CAM-E (KEITH BAY) REMEDIATION PROJECT

EXECUTIVE SUMMARY (INUKTITUT)

CAM-E (ᑮᑦ ᐃᒪᖓ) ᐅᓇᓕᕐᓄᑦ ᖃᐅᔨᓴᕐᕕᒥᓂᖅ ᓴᓗᒻᒪᖅᓴᐃᓂᕐᒧᑦ ᐱᓕᕆᐊᖅ

ᓇᓗᓇᐃᔭᖅᓯᒪᓂᖏᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ

1. ᒫᓐᓇᐅᔪᖅ ᖃᓄᐃᓕᖓᓂᖏᑦ

ᑲᓇᑕᐅᑉ ᒐᕙᒪᒃᑯᖏᑦ ᐊᑐᓕᖅᑎᑦᑎᓯᒪᔪᑦ ᒐᕙᒪᑐᖃᒃᑯᑦ ᓱᕈᖅᓯᒪᔪᓂᑦ ᖃᓄᐃᓕᓯᒋᐊᓂᕐᒧᑦ ᐸᒃᓇᐅᑦ (FCSAP) ᓴᓗᒻᒪᖅᓴᐃᓗᑎ ᒐᕙᒪᑐᖃᒃᑯᓐᓄᑦ ᓇᒻᒥᓂᕆᔭᐅᔪᑦ ᓱᕈᖅᓯᒪᔪᑦ (ᐊᒥᓲᓂᖅᓴᐃᑦ ᐱᓕᕆᕝᕕᖓ ᒐᕙᒪᑐᖃᒃᑯᑦ–ᓄᓇᖃᖅᑳᒻᓯᒪᔪᑦ ᐱᓕᕆᖅᑎᒌᓐᓂᖏᓐᓄᑦ ᐊᒻᒪ ᐅᑭᐅᑕᖅᑐᒥᐊᑕᓕᕆᓂᕐᒥᑦ ᑲᓇᑕᒥ (CIRNAC) (ᐅᓇᐅᓚᐅᖅᑑᒐᓗᐊᖅ INAC)) ᐱᓯᒪᑦᑎᔪᖅ ᐊᒻᒪ ᓴᖅᑮᔭᖅᑎᑦᑎᔪᓂᑦ ᐊᑦᑕᓇᕈᓐᓇᖅᑐᓂᑦ ᐃᓄᓐᓄᑦ ᖃᓄᐃᖏᑎᐊᕐᓂᖏᓐᓄᑦ ᐊᒻᒪ/ᐅᕝᕙᓘᓐᓃᑦ ᐊᕙᑎᖓᓂᑦ. CAM-E (ᑮᑦ ᐃᒪᖓ) ᐃᓚᒋᔭᐅᖃᑕᐅᔪᖅ. ᒐᕙᒪᑐᖃᒃᑯᑦ–ᓄᓇᖃᖅᑳᒻᓯᒪᔪᑦ ᐱᓕᕆᖅᑎᒌᓐᓂᖏᓐᓄᑦ ᐊᒻᒪ ᐅᑭᐅᑕᖅᑐᒥᐊᑕᓕᕆᓂᕐᒥᑦ ᑲᓇᑕᒥ ᐱᓇᓱᐊᓚᐅᖅᑐᑦ, ᐊᒻᒪ ᐱᓚᐅᖅᑐᑦ ᑮᓇᐅᔭᖃᖅᑎᑕᐅᓂᕐᒧᑦ ᐊᖏᖅᑕᐅᓂᕐᒧᑦ ᐊᑖᓂ ᑲᓇᑕᐅᑉ ᒐᕙᒪᒃᑯᖏᑦ ᐊᑐᓕᖅᑎᑦᑎᓯᒪᔪᑦ ᒐᕙᒪᑐᖃᒃᑯᑦ ᓱᕈᖅᓯᒪᔪᓂᑦ ᖃᓄᐃᓕᓯᒋᐊᓂᕐᒧᑦ ᐸᒃᓇᐅᑦ, ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓄᑦ ᐊᒻᒪ ᓴᓗᒻᒪᓴᖅᑕᐅᓂᖓᓄᑦ CAM-E (ᑮᑦ ᐃᒪᖓ) ᓄᓇᕗᒻᒥ.

CAM-E (ᑮᑦ ᐃᒪᖓ) ᓴᓇᔭᐅᓚᐅᖅᓯᒪᔪᖅ 1957 ᕿᑎᕋᖅᑐᖅ ᐅᓇᓕᕐᓄᑦ ᖃᐅᔨᓴᕐᕕᒃ (DEW) ᐃᓚᒋᔭᖓ ᖃᐅᔨᓴᕐᕕᓂᑦ. ᖃᐅᔨᓴᕐᕕᐅᔪᖅ (75 ᑭᓚᒦᑕᖓᓂ ᑲᓇᓐᓇᖓᓂ ᑰᒑᕐᔪᒃ) ᐊᐅᓚᓂᖃᓚᐅᖅᓯᒪᔪᖅ 6–ᓂᑦ ᐊᕐᕌᒍᓂᑦ ᐊᒻᒪ ᐊᑐᖅᑕᐅᔪᓐᓃᓚᐅᖅᑐᓂ 1963. 1965–ᒥᑦ, ᑲᒪᒋᔭᐅᓕᓚᐅᖅᑐᖅ ᓄᓇᖓ ᐅᑯᓄᖓ ᐱᓕᕆᕝᕕᖓ ᒐᕙᒪᑐᖃᒃᑯᑦ–ᓄᓇᖃᖅᑳᒻᓯᒪᔪᑦ ᐱᓕᕆᖅᑎᒌᓐᓂᖏᓐᓄᑦ ᐊᒻᒪ ᐅᑭᐅᑕᖅᑐᒥᐊᑕᓕᕆᓂᕐᒥᑦ ᑲᓇᑕᒥ.

CAM-E ᒪᕐᕉᓕᖅᑲᑕᖓᔪᖅ (2) ᓇᓗᓇᐃᖅᓯᒪᓂᖏᑦ ᐃᓂᖏᑦ – ᐃᓂᖓ 1 – ᓇᔪᖅᑕᓪᓗᐊᑕᐅᔪᖅ, ᐊᒻᒪ ᐃᓂᖓ 2 – ᐃᒪᐅᑉ ᑭᓪᓕᖓᓂ. ᐃᓂᖓ 1, ᓯᕗᓪᓕᖅᐹᒥᓕ, ᓄᓇᓯᐅᑎᑯᑖᖃᓚᐅᖅᑐᑦ, ᓯᕐᓗᐊᑦ, ᐅᖅᓱᐊᓗᔅᓴᐃᑦ, ᐅᖅᓱᐊᓗᐃᑦ ᐊᒻᒪ ᐅᖅᓱᖅᑎᕈᑏᑦ (POL) ᐅᖅᓱᐊᓗᖃᕐᕖᑦ, ᐊᒻᒪᓗᑭᑕᐅᔨᖓᔪᑦ ᓴᕕᕋᔭᐃᑦ ᐃᓪᓗᐃᑦ, ᑐᖅᑯᐃᕖᑦ, ᖃᐅᔨᓴᐅᑎᓄᑦ ᓇᐸᕈᑕᐃᑦ ᐊᒻᒪ ᒥᕝᕕᒃ (460 ᒦᑕᓂᑦ ᑕᑭᓂᖓ) ᐃᓂᖓ 2 –ᐃᒪᐅᑉ ᑭᓪᓕᖓᓂ, ᓯᕗᓪᓕᖅᐹᖓᓂ, ᓂᓪᓕᓇᖅᑐᒥᑦ ᓯᒃᑯᐊᖑᓚᐅᖅᑐᑦ, ᐃᓚᖏᑦ ᐊᒻᒪᓗᑭᑕᐅᔨᖓᔪᑦ ᓴᕕᕋᔭᐃᑦ ᐃᓪᓗᐃᑦ, ᐊᒻᒪ ᑕᑭᓂᖅᓴᖅ (915 ᑕᑭᓂᖓ) ᒥᓵᕝᕕᒃ. ᐃᓂᖓ 2 (ᐃᒪᐅᑉ ᑭᓪᓕᖓᓂ) ᓇᒦᓐᓂᖓ 5.6 ᑭᓚᒦᑕᐃᑦ ᐅᖓᓯᒋᓂᖃᐸᓗᑦᑐᖅ ᐃᓚᖓ 1. ᓴᓇᔭᐅᓯᒪᔪᓕᒫᑦ (ᑕᒪᒃᑭ ᐃᓂᖓ 1 ᐊᒻᒪ ᐃᓂᖓ 2) ᐃᒪᐃᔅᓯᒪᔪᑦ, ᒫᓐᓇᐅᔪᒥᑦ, ᓱᕋᖅᑎᖅᑕᐅᓯᒪᔪᑦ ᐊᒻᒪ ᓯᖁᓪᓗᖅᓯᒪᔪᓂᑦ ᓴᓃᓐᓇᐅᓕᖅᑐᑦ ᐊᒻᒪ ᐅᕐᕈᑎᑕᐅᓯᒪᔪᑦ ᓴᓇᔭᐅᓯᒪᔪᑦ. ᓇᒦᓐᓂᖓ ᐃᓗᓕᖃᕐᒥᔪᖅ ᐊᒥᓲᓂᑦ ᖃᑦᑕᐅᔭᒥᓂᕐᓂᑦ ᓇᔪᖅᑕᓪᓗᐊᑕᐅᔪᒥᑦ (ᐃᓂᖓ 1) ᐊᒻᒪ ᐊᒥᓱᒐᓚᓐᓂᑦ ᓇᒥᑐᐃᓐᓈᖅᑐᑦ ᖃᑦᑕᐅᔭᒥᓃᑦ ᐃᒪᐅᑉ ᑭᓪᓕᖓᓂ, ᓄᓇᖓ ᓱᕈᖅᓯᒪᔪᖅ ᐅᖅᓱᐊᓗᔅᓴᓄᑦ (ᓲᕐᓗ ᒫᓯ ᐊᒻᒪ ᐅᖅᓱᐊᓗᒃ), ᓄᓇᐃᑦ ᓱᕈᖅᓯᒪᔪᑦ ᓴᕋᕋᔭᔅᓴᓄᑦ (ᓲᕐᓗ ᐋᖅᑭᔅᓴᐃᑦ) ᐊᒻᒪ ᐆᓐᓇᖅᑐᑦ, ᐃᑭᔪᐃᑦᑐᑦ ᐋᓂᐊᑖᓇᖅᑐᑦ, ᐹᑕᓖᑦ, ᐳᓪᓚᖅᑲᐅᑏᑦ ᐊᒻᒪ ᐊᓯᖏᓪᓗ.

2. ᓄᓇᐃᑦ ᓇᒦᓐᓂᖏ/ᐅᐸᒐᔅᓴᐅᓂᖏᑦ

CAM-E (ᑮᑦ ᐃᒪᖓ) ᐅᕙᓂ ᖃᓂᒋᔭᐸᓗᐊᓃᑦᑐᖅ ᑐᑭᒧᑦ, 68° 17’ 16” ᐅᐊᓐᓇᖅ; ᐊᒻᒪ ᓴᓂᒧᑦ, 88° 7’ 10” ᐱᖓᓐᓇᖅ ᐊᒻᒪ ᖃᓂᒋᔭᐸᓗᐊᓂ 75 ᑭᓚᒦᑕᐃᑦ ᑲᓇᓐᓇᖓᓂ ᑰᒑᕐᔪᒃ (ᖃᓂᓛᖑᔪᖅ ᓄᓇᓕᐅᔪᖅ ᓄᓇᕗᒻᒥ). ᓄᓇᖓ ᐅᒐᔅᓴᐅᔪᖅ ᐱᓲᑎᒃᑯᑦ, ᖃᒧᑕᐅᔭᒃᑯᑦ, ᖃᖓᑕᓲᒃᑯᑦ, ᖁᓛᒎᓕᒃᑯᑦ, ᓄᓇᓯᐅᑎᑯᑖᒃᑯᑦ ᐊᒻᒪ ᐅᒥᐊᒃᑯᑦ. ᐅᖁᒪᐃᑦᑐᓄᑦ ᐃᖅᑲᓇᐃᔭᐅᑏᑦ ᐊᒻᒪ ᓱᓇᒃᑯᑖᑦ ᓄᑦᑲᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᒻᒪ ᓄᓇᖓᓃᒍᓐᓃᖅᑎᑕᐅᓗᑎ ᐅᒥᐊᕐᔪᐊᒃᑯᑦ ᐅᕝᕙᓘᓐᓃᑦ ᑲᑎᓐᖓᔪᓂᑦ ᓄᓇᓯᐅᑎᑯᑖᒃᑯᑦ ᐃᖅᑲᓇᐃᔭᖅᑏᑦ ᐃᖏᕋᑎᑕᐅᓂᖏᓐᓄᑦ ᐊᒻᒪ ᓱᓇᒃᑯᑖᑦ/ᓱᓇᒃᑯᑖᖃᒃᑲᓂᕐᓂᖅ ᑲᒪᒋᔭᐅᔪᓐᓇᖅᑐᑦ ᖁᒎᓕᒃᑯᑦ, ᖃᖓᑕᓲᒃᑯᑦ, ᐱᓲᑎᒃᑯᑦ ᐊᒻᒪ ᐅᒥᐊᒃᑯᑦ.

ᐊᑐᖅᑕᐅᖃᑦᑕᖅᓯᒪᔪᑐᖃᕐᒥᓪᓚ, ᐱᒡᒐᓇᖅᓯᒪᔪᖅ ᑐᓚᑦᑎᒐᓱᐊᖅᑐᒋᑦ ᑲᓖᑦ ᐅᕙᓂ CAM-E ᐅᕝᕙᓘᓐᓃᑦ ᖃᓂᓐᓂᖅᓴᐅᔪᓄᑦ (ᑰᒑᕐᔪᒃ ᐱᓗᐊᖅᑐᓂ) ᐊᖏᔪᒥᑦ ᓯᑯᖃᑦᑕᕐᓂᖓᓄᑦ. ᑕᐃᒪᐃᓐᓂᖓᓄᑦ, ᓇᒻᒪᑦᑐᒥᑦ ᐊᑐᕋᔅᓴᐅᒐᔭᖅᑐᖅ ᐅᒥᐊᕐᔪᐊᑰᑎᑦᑐᒋᑦ ᐅᖁᒪᐃᑦᑐᓄᑦ ᐃᖅᑲᓇᐃᔭᐅᑏᑦ ᓇᓪᓕᐊᓄᑐᐃᓐᓇᖅ ᐊᓗᕐᔪᐊᖅ ᐅᕝᕙᓘᓐᓃᑦ ᓇᐅᔮᑦ (ᐅᒥᐊᕐᔪᐊᓄᑦ ᑎᑭᑕᐅᓲᓄᑦ) ᐊᒻᒪ ᓄᓇᓯᐅᑎᑯᑖᒃᑯᑦ. ᐅᒥᐊᕐᔪᐊᑦ ᐅᓯᔪᑦ ᑰᒑᕐᔪᒻᒨᕈᓐᓇᖏᑦᑐᑦ ᑭᓯᐊᓂ ᐊᐃᑉᐸᖃᕐᓗᓂ ᓯᑯᓯᐅᑎᓂᑦ. ᑳᓐᑐᕌᖅᑎ ᐱᓕᕆᐊᒧᑦ (ᖁᓪᓕᖅ) ᐊᖏᓚᐅᖅᑐᑦ ᐅᒥᐊᕐᔪᐊᑰᖅᑎᑕᐅᓗᑎᑦ ᓯᑯᓯᐅᑎᖃᕐᓗᒍ ᐊᒻᒪ ᐃᖏᕋᑎᑕᐅᒋᐊᕐᓗᑎᑦ ᓱᓇᒃᑯᑖᑦ ᐊᒻᒪ ᑭᓯᒪᐃᓐᓇᐃᑦ ᐅᒥᐊᕐᔪᐊᑰᖅᑎᑕᐅᓗᑎᑦ ᐱᒋᐊᕐᓗᓂ ᓴᐃᓐᑦ–ᑳᑐᕆᓐ, ᑯᐸᐃᒃ ᑎᑭᓪᓗᒍ ᑰᒑᕐᔪᒃ, ᓄᓇᕗᑦ, ᐊᐅᔭᖓᓂ 2016 ᓄᓇᓯᐅᑎᑯᑖᒃᑯᑦ ᐅᕗᖓ CAM-E ᑰᒑᕐᔪᒻᒥᑦ ᐅᑭᐅᒃᑯᑦ, ᒫᑦᓯ/ᐃᐳᕈ, 2017.

3. ᐱᓕᕆᐊᒧᑦ ᐱᓕᕆᐊᖑᓂᐊᖅᑐᑦ ᐊᒻᒪ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑦ

ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᕐᓂᖅ (ESA) ᐱᓕᐊᖑᓚᐅᖅᑐᑦ ᓇᓄᓇᐃᖅᓯᓗᑎ ᐊᒻᒪ ᒥᔅᐅᓴᓪᓗᑎ ᐊᒥᓲᓂᖏᑦ ᐊᒻᒪ ᐊᖏᓂᖓ ᓱᕈᖅᓯᒪᔪᑦ ᐃᓱᒫᓗᑕᐅᔪᑦ CAM-E (ᑮᑦ ᐃᒪᖓ) ᓄᓇᖓᓂ. ᐅᓂᒃᑳᑦ ᑖᒃᑯᓂᖓ ᖃᐅᔨᓴᕐᓂᐅᓯᒪᔪᓂᑦ ᓴᖅᑭᖅᑎᑕᐅᓚᐅᖅᑐᑦ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᓂᕐᒧᑦ ᐱᓕᕆᔪᑦ (ESG) (1995); WESA (ᕗᕝᕗᐊᕆ, 2012); ᐊᒻᒪ ᐅᑯᓄᖓ ᓯᑖᓐᑎᐊᒃ (2013). ᖃᐅᔨᓴᓂᕐᒧᑦ ᐅᓂᒃᑳᓕᐊᖑᔪᑦ ᐃᒪᐃᓕᖓᓚᐅᖅᑐᑦ: ᑐᓐᖓᕕᒋᓪᓗᒋᑦ ᑖᒃᑯᐊ ᓄᓇᖓᓄᑦ ᖃᐅᔨᓴᕐᓂᐅᓯᒪᔪᑦ, ᓴᓗᒻᒪᓴᖅᑕᐅᓂᐊᕐᓂᖓᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᓚᐅᖅᑐᑦ ᓴᓗᒻᒪᓴᖅᑕᐅᓂᖓᓄᑦ CAM-E (ᑮᑦ ᐃᒪᖓ) ᓄᓇᖓᓂ. ᐱᕙᓪᓕᐊᑎᑕᐅᓚᐅᖅᑎᓪᓗᒍ ᑎᑎᕋᖅᑕᐅᒋᐊᓐᖓᓚᐅᖅᑐᖅ ᐸᕐᓇᐅᑦ, ᓄᓇᓕᒻᒥᑦ ᑐᓴᖅᑎᑦᑎᓂᖅ, ᐃᓄᓐᓂᑦ ᑲᑎᒪᑎᑦᑎᓪᓗᑕ, ᑲᑎᒪᓂᖃᓚᐅᖅᑐᑦ ᑰᒑᕐᔪᒃ ᐅᓇᐅᑎᓪᓗᒍ ᔮᓐᓄᐊᕆ 8, 2014. ᑲᑎᒪᓂᐅᔪᖅ ᐅᐸᑦᑕᐅᑦᑎᐊᓚᐅᖅᑐᖅ ᓄᓇᓕᓐᓄᑦ ᐊᒻᒪ ᑐᓴᖅᑎᑎᓪᓗᑎᑦ ᑲᑎᒪᓂᐅᔪᓂᑦ ᐃᓱᒪᒋᔭᐅᓚᐅᖅᑐᑦ ᐸᕐᓇᐅᑦ ᑭᖑᓪᓕᖅᐹᒥᑦ ᐋᖅᑭᑦᑕᐅᓕᖅᒐᑦ.

ᓴᓗᒻᒪᓴᖅᑕᐅᓂᖓ CAM-E ᓄᓇᖓᓄᑦ ᐸᕐᓇᑕᐅᓯᒪᔪᑦ ᐊᕐᕋᒍᖏᓐᓄᑦ 2016 ᑎᑭᑦᑐᒍ 2020 ᐱᒋᐊᓚᐅᖅᑐᖅ ᐅᓇᐅᑎᓪᓗᒍ 2016. ᓇᓗᓇᐃᔭᖅᓯᒪᓂᖏᑦ ᐱᓕᕆᐊᖑᔪᑦ ᐱᔭᕇᖅᑕᑲᐅᓂᐊᖅᑐᑦ: ᐃᖏᕋᓯᑎᑕᐅᓂᖓ ᓄᓇᖓᑐᓄᑦ;

ᐱᐅᓯᑎᑭᖅᑕᐅᓂᖅ ᐅᐸᓴᓴᐅᓂᖅᓱᓕᑦ ᐊᖅᑯᑎᖅᑎᑦ, ᐊᑐᕆᐊᖅᑎᓂᑦ ᐊᒻᒪ ᒥᕐᕿᓪᑦ; ᓇᐸᖃᕕᐅᓂᐊᖅᑐᖅ ᐋᑦᕿᑦᑕᐅᓂᖅ ᐊᒻᒪ ᐊᐅᓪᓂᖅ; ᐊᒻᒪ ᓴᑐᒪᓴᖅᑕᐅᓂᖅ ᓄᓇᖅᓱᓕᑦ. ᓇᑐᓇᐃᔨᖅᓯᒪᔪᑦ ᐃᖅᑲᓇᐃᔨᖅᓯᒪᔪᑦ ᐱᔨᓴᖅᑕᐅᓯᒪᔪᑦ ᐃᑐᐊᑯᑦᑐᑦ ᐊᖅᑲᒍᑕᒫᑦ ᐅᑎᕐᑲᖅᑎᑦ ᐅᓂᐲᑲᓂ ᑎᑎᖅᓯᒪᔪᑦ ᐱᖅᓯᐅᑎᓯᒪᔪᖅ. ᓇᑐᓇᐃᔨᖅᓯᒪᓴᑲᓂᖅᑐᑦ ᐊᑐᐃᓇᐅᔪᑦ ᓴᑐᒪᖅᓴᐃᓂᖓᓕᑦ <ᖅᓇᐅᑦ ᑎᑎᖅᓯᒪᔪᑦ ᑐᓂᔨᐅᖅᑕᕆᐊᓇᐅᖅᑐᑦ ᒪᓕᖅᑕᐅᔨᓴᕆᐊᓕᕆᓇᐅᖅᑎᓄᑦ ᑎᒥᐅᔪᓄᑦ ᐅᑯᑎᒍᓇ ᓄᓇᕗᒻᒥ <ᖅᓇᐃᓐᓂᑦ (NPC). ᐱᓕᕆᐊᖅ ᐱᔨᓴᖅᓴᓴᖅᑲᖅᑐᖅ ᐃᓕᓴ 31 2020.

ᐱᒋᐊᖅᑎᑕᐅᓕᐅᖅᑎᖅᓇᓕᒍ ᓴᑐᒪᖅᓴᐃᓂᖅᓱᑦ ᐃᖅᑲᓇᐃᔨᖅᓯᒪᔪᖅ, ᐱᔪᓇᓇᐅᑎᑦ ᐱᔨᐅᓕᐅᖅᑐᑦ ᐅᑯᓂᖓᓕ ᒪᓕᖅᑕᐅᔨᓴᕆᐊᓕᕆᓇᐅᖅᑎᓂᖅ ᑎᑎᐅᔪᓂᑦ: ᓄᓇᕗᒻᒥ <ᑦᓇᐃᓐᓂᑦ ᒪᓕᓇᓂᖅᓱᑦ ᖃᐅᔨᓴᓂᖅᓱᑦ; ᓄᓇᕗᒻᒥ ᐊᖏᑎᓕᓚᓴᑯᑦ ᑲᑎᒪᔨᖅᑎᑦ (NIRB) ᖃᐅᔨᓴᖅᑕᐅᓂᖅᓇᓂᑦ; ᓄᓇᖅᑲᖅᑲᖅᓯᒪᔪᓕᓚᓴᑯᑦ ᑲᓇᑕᒥ (INAC) ᓄᓇᒧᑦ ᐊᑐᓂᓱᑦ ᐱᔪᓇᐅᑎᓄᑦ; ᐊᒻᒪ ᓄᓇᕗᒻᒥ ᐃᒥᓕᓚᓴᑯᑦ ᑲᑎᒪᓕᓴᖅᑎᑦ (NWB) ᐃᒥᓱᑦ ᐊᑐᕈᓇᓂᓱᑦ ᓪᐃᓴᖅᓯ.

ᐱᔨᓴᖅᑕᐅᓕᐅᖅᑎᓪᓗᒍ ᓄᓇᖅᓱ ᐱᐅᓯᑎᑭᖅᑕᐅᓂᖅᓱ (2020–ᖃᓪᓗᖅᑐᑦ) ᐅᐸᓂ CAM-E, ᓄᓇᖅᑲᖅᑲᖅᓯᒪᔪᓕᓚᓴᑯᑦ ᑲᑎᒪᒥ ᐃᓕᒥᓂᐊᖅᑕᖅᓱᑦ ᑎᑎᖅᑯᒍᓂᑦ 25 ᐊᖅᑲᒍᓇᓂᑦ ᖃᐅᔨᓴᓂᖅᓱᑦ ᓄᓇᖅᓱᓂᓂ ᒪᑭᑦᑎᐊᕈᓇᖅᑕᓇᖅᑐᓪᓗᒍ ᐊᑦᑕᓇᖅᑦᑐᒍᓂ ᐊᓯᔪᓇᖅ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᓪᓚᖅᓱᓂ II (ᓴᓇᕿᔨᐃᑦ ᐊᒻᒪ ᐅᕐᓇᖅᑐᑦ) ᐊᓯᔪᓇᖅᓱᓂ ᓄᓇᖅᓱᓂ. ᐊᐅᐅᖅᑦᑕᐅᕈᑎᑦ ᖃᐅᔨᓴᕐᐅᐅᕐᓯᑦ ᓯᕗᓂᐊᒍᑦ ᐱᐅᓯᑎᑭᖅᑕᐅᑎᓪᓗᒍ ᖃᐅᔨᓴᓴᓂᐅᕐᓯᖅ ᐊᑦᕿᑦᑕᐅᓯᒪᔪᓕᓚᓴᑯᑦ. Ċᓴᓇ ᖃᐅᔨᓴᓴᓂᐅᕐᓯᖅ ᒪᓕᓴᓂᖅᑲᖅᑐᖅ ᓄᓇᖅᑲᖅᑲᖅᓯᒪᔪᓕᓚᓴᑯᑦ ᑲᑎᒪᒥ ᕿᒪᑦᑕᐅᓯᒪᔪᓂᓂ ᐅᓇᓕᖅᑲᕐᓴᐳᓂᓂ ᐊᑐᖅᑕᐅᑭᐳᓂᓂ (AMSRP).

4. ᐃᓅᖅᑲᑎᑭᓴᑦ ᐊᑦᑐᖅᑕᐅᔪᑦ ᐱᓕᕆᐊᒪᑦ

ᐊᑐᖅᑕᐃᓴᓇᓇᓯᓪᓗᒍ, ᐱᓕᕆᐊᖅ ᐊᓐᕿᖅᓯᓯᒪᔪᖅ ᐊᒻᒪ ᐊᓐᕿᖅᓰᓇᕐᓂᐊᖅᑐᑎᑦ ᐋᖅᑭᒍᑎᓂᑦ ᓴᓇᓯᒪᔪᑦ ᐅᑭᐅᑕᖅᑐᒍᑦ ᐊᖏᑎᓐᓄᓇᓂᑦ ᐊᒻᒪ ᓇᔪᖅᓯᔪᓂᑦ, ᐊᑐᕐᓗᑎ ᓄᓇᕗᒻᒥᑦ ᖃᐅᔨᓴᒪᕐᓂᐊᖅᑐᓂᑦ ᐊᒻᒪ ᐱᖅᓯᐅᑎᓪᓗᑎᑦ ᐊᐅᔨᓴᖅᓴᐅᓂᖅ ᐱᔨᐅᑭᐅᑕᖅᑐᒍᑎᓄᑦ ᐃᓅᖅᑲᑎᑭᓴᑦ ᐊᖏᑎᓐᓄᓇᓂᑦ ᐱᔨᐅᑭᐅᑕᖅᑐᒍᑎᓄᑦ ᐊᑦᑐᖅᑕᐅᔪᑦ ᓴᑐᒪᖅᓴᐃᓂᖓᓕᑦ ᐊᑐᖅᑕᐅᑭᐳᓂᓂ ᐊᑦᑐᖅᑕᐅᔪᑦ <ᖅᓇᐅᑦ.

ᓴᓂᐊᓂ ᐃᓅᓂᑦ ᐅᑎᒪᑎᑎᓂᐅᔪᓂᑦ ᐅᓪᓗᒥᒍᑦ ᑎᑭᑐᒍ ᑎᑎᖅᑕᐅᑭᐅᑲᓂᖅᓱᓕᑦ ᓴᑐᒪᖅᓴᐃᓂᖓᓕᑦ <ᖅᓇᐅᑦ ᓄᓇᕗᒻᒥᑦ 2014–ᒥᑦ, ᐊᓯᖏᑦ ᓄᓇᕗᒻᒥᑦ ᐅᑎᒪᑎᑎᓂᓂᖅᑐᖅᑐᑦ ᑯᐃᓴᐋᖅ ᓴᑐᒪᖅᓴᐃᓂᐅᔪᓄᑦ ᐱᓚᑦᑐᖅᑕᐅᑭᐳᖅᑐᖅᓯᒪᔪᓕᓚᓴᑯᑦ ᐅᖅᑲᐅᓯᖅᑎᓪᓗᒍ ᐃᓅᖅᑲᑎᑭᓴᑦ ᐊᖏᑎᓐᓄᓇᓂᑦ ᐊᒻᒪ ᐊᑕᐃᓂ–ᑲᓇᑕᖅᑎᑎᓂᓂᒥᑦ ᐱᓴᓴᐅᔪᓇᖅᑕᖅᑐᑦ ᐊᒻᒪ ᐃᓅᖅᑲᑎᑭᓴᑦ ᐱᖅᓯᐅᑎᓪᓗᑎᑦ ᐱᐅᓯᑎᑭᖅᑕᐅᑭᐳᖅᑐᖅᓯᒪᔪᓕᓚᓴᑯᑦ.

ᑲᓇᑕᖅᑎᑎᓂᐅᖅ/ᓂᐅᕐᓴᖅᑕᒥᓂᓱᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑦ ᑕᓴᓯᒪᓕᑦ ᐱᓕᕆᐊᓱᑦ ᐃᑲᔪᖅᓯᓯᒪᔪᖅᑐᑎᑦ ᐊᖏᑕᒋᓂᑦ ᐱᐅᓯᑎᑭᓂᑦ ᐱᓕᕆᐊᒥᑦ ᖃᑲᓂᕈᔪᑦ ᐅᑭᐅᑕᖅᑐᒥ ᓄᓇᕗᒻᒥᑦ (ᑯᐃᓴᐋᖅ) ᐃᓅᖅᑲᑎᑭᖅᑎᑎᓂᐅᑐᒍ ᓄᓇᕗᒻᒥᑦ ᐊᒻᒪ ᐅᑭᐅᑕᖅᑐᒥ ᐃᓅᖅᑲᑎᑭᖅᑐᓂᑦ ᐊᒻᒪ ᐱᖅᑕᐅᑎᓪᓗᒍᑦ ᐅᑭᐅᑕᖅᑐᒥᑦ ᐊᑕᐃᓂ–ᑲᓇᑕᖅᑐᑦ.

Appendix C:

CAM-E (KEITH BAY) REMEDIATION PROJECT

MINUTES OF COMMUNITY MEETING OF OCT 25 2017

AECOM

17007 – 107th Avenue
Edmonton, AB, Canada T5S 1G3
www.aecom.com

780 486 7000 tel
780 486 7070 fax

Minutes of Meeting

Date of Meeting	October 25, 2017	Start Time	19:05 MST	Project Number	60515379
Project Name	CAM-E Environmental Site Remediation				
Location	Community Hall in Kugaaruk				
Regarding	Fall 2017 Community Meeting				
Attendees	Dele Morakinyo (INAC), Matthew McElwaine (PWGSC), Philippe Poulin (Kudlik), Thibault Baley (Kudlik), Ben Reich (AECOM), Members of the Kugaaruk Community (see attached attendance sheets) - Approximately 68 adults and 24 children in attendance (note that not everyone signed the attendance sheets).				
Distribution	INAC: Dele Morakinyo PSPC: Matthew McElwaine, Rebecca Studer-Halbach AECOM: Roland Merkosky, Greg Wright, Amber Zilinsky, Ben Reich Kudlik: François Bourassa				
Minutes Prepared By	Ben Reich				

PLEASE NOTE: If this report does not agree with your records of the meeting, or if there are any omissions, please advise, otherwise we will assume the contents to be correct.

Item	Discussion	Action

1.0	**Introductions**
	• Summary of project participants
	  o INAC
	  o PSPC
	  o Kudlik
	  o AECOM
		N/A

2.0	**Presentation by Kudlik**
	• Outline of Presentation
	• General site location (CAM-E, Keith Bay)
	• Mention of CAT Train trail used to mobilize to site
	• Overview of site, including:
	  o Plan of site
	  o Aerial view of site
	  o "Welcome to CAM-E" sign
	• Overview of work completed in 2017 construction season, including:
	  o CAT Train
	  o First mobilization to site via plane
	  o Camp situation
		N/A

Item	Discussion	Action
2.0	**Presentation by Kudlik (continued)** ○ Obtaining freshwater from nearby lake (not much treatment required to make it potable) ○ Installation of monitoring wells ○ Processing of granular materials (including screening of sand) ○ Berms for facilities constructed using granular materials ○ Installation of geotextile / geomembrane ○ Excavation of contaminated soil and transporting soil to the constructed facilities ○ Tilling of hydrocarbon impacted soils ○ Pictures of the facilities including: ▪ Aerial view ▪ Pictures showing debris within Non-Hazardous Waste Landfill ▪ Tier II Landfill ○ Surface debris cleanup ○ Overview of barrel processing methodology ○ Structure demolition including: ▪ Antenna ▪ Garage ○ Soil testing to help make sure all contaminated soil was excavated ○ Buried debris encountered including an excavated fuel pipe and other debris that was sorted and hauled to the landfill • Work planned for next season (2018) includes: ○ Excavation of contaminated soil ○ Treatment of hydrocarbon impacted soil ○ Surface debris cleanup ○ Barrel processing ○ Landfill facilities closure ○ Preparation of camp and equipment for demobilization from site	N/A
3.0	**Questions/Comments:** • Q: Are the sites all 50 miles apart? A: Yes. • Q: Where do we sign up for work? A: Next spring there will be representatives from Kudlik in Kugaaruk – you can sign up with them. • Q: When will mobilization to Keith Bay happen next year? A: June.	N/A
4.0	**Closing Comments / Draw Prizes**	N/A

Sign in Sheet for Kugaaruk Community Meeting - October 25, 2017

Name	
Stacey Niptayok	769-7037
Lisa Niptayok	"
Janelle Niptayok	"
Jeffrey Niptayok	"
Helen Niptayok	769-6789
Sheila Anautsiaq	
Mary. Ningark	
Damien. Ningark	
Mary Tinashlu	769-7600
Britney Ruben	769-6155
Rene Tavalok	769-6155
Theresa Benoit	769-6054
Alina. Tungilik	
Nancy Jean Inutuinak	769-6350
Elsa Inutuinak	769-6350
Bruce jr Tootiak	769-7057
Roger Jiggak	769-6021
Ryan Tegumiar	
John Qayuttuq	7691006

Sign in Sheet for Kugaaruk Community Meeting - October 25, 2017

Name
James Anguti 769-6770
Cedrik Anguti 769-6058
Jennifer Anguti 769 6058
Geraldine Illuitok 769 6155
Ann Niptayuk 769-6306
Kathy Anaittuq - 769-7946
Francis Anaittuq 769-7946
Ashley Tsudik 769-7946
Christine Inuksaq 769-6051
Cheryl Ekungq 769-7057
Stevenson Kayaitok 769-7057
Martha Inuksaq 769-6051
Leonie Nirlungayuk 769 6473
Jeannie Illuitok 6699
Maureen Subgut 6667
Solomon Subgut 6667
Jessica Inuksaq 6105
Alice Inuksaq ~~796~~ 769-6105
Lesley Marie Inuksaq 769-6105

Sign in Sheet for Kugaaruk Community Meeting - October 25, 2017

Name
Tom Kayaitok
Caitlin Tulurialik
L. Nalungiaq
Suzanne Krejcarek
Yanina Piyuardjok
Joanne Ruben
Ruth Ruben
Austin Uqqarluk
David Inuitok
Ludgarch Angutinguniric
Alice Qirngnuq
Rosemary Apsaktaun
Jacob Sikkuark
Kimberly Wingart
Kirby Niptayok
Chris Lutemy
Erik Bohlender
Adrian Bohlender
Debbie Oogaaq

Sign in Sheet for Kugaaruk Community Meeting - October 25, 2017

Name
Adele Siggyuk 769-6028
Joelino Siggyuk 769-6028
Rick Anguti 867-769 6058
RENE UASALIK 769-7363
Gordon Master 7363
Eli Qayutinnuaq 769-7721
Mary.m. Qayaqsaaq 769-7721
Christine Qirngnuq 769-6055
Travis Nelungiaq 769-7174
Glen Sutherland 769-7012
Roger Anguti 769 6058
Connie Krejcarek 769-6505
[illegible] 7696473

Sign in Sheet for Kugaaruk Community Meeting - October 25, 2017

Name	
RENÉ KUKKUAK	769-6052
Lionel Tigvareark	769-6022
Madelen Ihakkara	769-7274
Melissa Iharraq	769-6229
Madelaine Kakkianiun	769 6481
Adrian Bohlender	769 6481
Erik Bohlender	769 6481
Josephine SIKKUARK	769-6343