



2024 November 06

Ms. M. Beattie
Nunavut Impact Review Board
PO Box 1360
Cambridge Bay, NU
X0B 0C0

Dear Ms. Beattie:

RE: Nanisivik Naval Facility (NNF) Construction 2023 Annual Report

References:

- A. *Water Use Licence 8BC-NNF2124*
- B. *NIRB File No. 09DN018*

In association with NIRB file No. 09DN018 Defence Construction Canada (DCC) on behalf of the Department of National Defence (DND) is providing the following annual report that summarizes activities in 2023 and outlines the activities for 2024.

Of note, and with reference to correspondence forwarded by DCC to the NIRB Impact Assessment Office the annual report for 2023 has been delayed from the 31 March 2024 deadline due to a compliance situation between DCC and the third-party firm contractual responsible to supply the data set pertaining to the file. In, short the responsible firm has gone into receivership and failed to forward the required data pursuant to the Monitoring and Reporting Requirements condition 1 of the Screening Decision Report, dated October 07, 2013.

In the past months DCC has been working with a Receiver firm put in place by the Government of Quebec, the contract's bonding agency, and a replacement contractor to help complete the project including the outstanding data. Ultimately a complete data set for 2023 was not obtained to provide a report with the typical detail in past submissions for the project. The available data was included in this report with commentary provided by DCC pertaining to relevance and gaps in the data. A summary of which is as follows:

1. A 2023/24 employment report was received (see Annex B) but considered incomplete with several review comments not being addressed. The data in the report pertaining to 2023 employment summary of local Inuit workers (Table 4) is generally consistent with DCC's records and past performance on the contract. It should be noted that the scope of work completed in the 2023 season was largely mechanical and electrical in nature reducing the opportunities for local employment.
2. Water use data: DCC was able to obtain the total volume of water used by the project through contacts with the Hamlet of Arctic Bay (see Annex C). Typically, the volume is broken down into construction use and domestic use represented in daily logs. DCC can confirm that the total volume utilized (411 cubic metres) was entirely for domestic purposes as construction in 2023

did not include elements (concrete production / dust control) requiring water. Camp blackwater was disposed of by the contractor within the Hamlet of Arctic Bay Sewage lagoon under an existing agreement between the two parties however the total volume deposited was not reported.

3. The 2023 wildlife register were not provided for the 2023 season. DCC can confirm that no preventative measures (polar bear deterrents / interaction with nesting birds) occurred throughout the season.
4. Reports on waste management were not provided. DCC can confirm that the waste management process remained identical as with previous construction seasons with the following notes:
 - a. the amount of waste produced and processed in 2023 including incineration of combustibles, recovery of recyclable materials, disposal of hazardous materials and sewage deposition were similar to volumes in 2022. In general terms, camp operations in 2023 determined by manhours at site (20,036 hrs) were within 5% of the manhours at site in 2022 (19,223 hrs). It is reasonable that the parallel in site operations over the 2022 and 2023 seasons would result in similar outputs of waste. For context the 2022 waste treatment report is included with this report (See Annex D).
 - b. Demobilization of the camp and contractor's equipment at the conclusion of the 2023 season included all hazardous wastes, recyclable materials and most construction waste (wood blocking used to support the camp and several concrete bags remain at site).

DCC, on behalf of DND, would like to thank you for granting generous extensions and consideration to accommodate the current situation of the NNF project. We would also like to apologize for providing a NIRB report for 2023 that lacks the typical detail in past reports.

Summary of 2023 Activities:

- Construction camp operation and maintenance activities
- Addressing deficiency items (mechanical, electrical, structural, coatings)
- Spanwire System infrastructure
- Installation of recirculation piping and coalescing filter
- Installation of flex pipe and thrust bracket pipe modifications
- Valve cleaning and replacements as required on pipelines
- Dive inspection of Wharf (condition)
- Commissioning
- Demobilization of construction camp, equipment and surplus materials
- Site monitoring:
 - During the dormant period for the site (September – May) when the NNF was accessible the construction contractor performed monitoring of the site on a weekly basis.
 - Accessibility in the fall and spring is limited due to the highway from Arctic Bay being closed and conditions not supporting travel to site over the sea ice.
 - The contractor had a local contact in Arctic Bay performing the site visits.

- Weekly monitoring of the site infrastructure, camp and equipment condition is the focus of the visit. The fuel tanks and equipment at site are visually inspected for evidence of leaks.
- The site is also inspected for evidence of any visitors having stopped by (foot traffic / snowmobile tracks / truck tracks / wildlife tracks).
- Local Hires – 7 individuals for a total of 3,552 hours

The proposed work plan for the 2024 season includes:

- Addressing remaining deficiency items (mechanical, electrical and coatings)
- Geotechnical survey of site
- Site monitoring
- Final demobilization of remaining equipment and materials

Compliance with NIRB Terms and Conditions:

The NNF project has endeavored to comply with all terms and conditions required by authorizing bodies and applicable Acts, Regulations and Guidelines.

- All camp/equipment fuel and other hazardous material was stored within secondary containment located more than 30 metres from any waterbody high water mark. Storage areas were inaccessible to wildlife.
- The site including fuel tanks are inspected on a weekly basis per “site monitoring” noted above.
- Appropriate spill response equipment was readily available and fuel tanks were inspected during site monitoring activities.
- All spills (4) in 2023 were reported to the Government of Nunavut. There was no impact to water for the noted spills. All impacted soil was removed for disposal at a southern facility or on-site treatment in the remediation area.
- Hydrocarbon contaminated soils were treated at site in a containment area. Annual testing was completed to verify concentration levels. The treatment facility was closed at the conclusion of the 2023 construction season.
- No damage to wildlife habitat or harassment of wildlife occurred.
- All aircraft flight restrictions have been adhered to.
- There was no aggregate production in 2023. All activities associated with Land Use Permit N2014N0020 and any accompanying Quarry Permits were completed in 2016. Details of the activities were documented in the *NNF – INAC 2016 Annual Report Submission (24 April 2017)*. In 2017 a due diligence assessment of the quarry site reclamation was completed and issued as part of the *NNF – INAC 2017 Annual Report Submission (24 March 2018)*. The report concluded that the site reclamation meets with the “Territorial Quarrying Regulations” and related conditions outlined in the associated land use permit.
- The construction camp was erected on a prepared gravel pad, and there is no camp, equipment or material stored on the surface of lakes or streams. The camp and equipment were demobilized in the fall of 2023. One maritime container with equipment and tools remains at site to support 2024 activities.
- All combustible waste (cardboard/wood/food) was incinerated. Ash was collected and packaged for off-site disposal. Ash and non-combustible waste was removed from site during demobilization in 2023.
- Waste oil / grease was containerized and removed from site during demobilization in 2023.

- The construction contractor had regular communication with the Hamlet, but no official community consultation was undertaken in 2023.
- A passive cathodic protection system utilizing sacrificial anodes to control corrosion was installed on the wharf in 2015/16 with supplemental anodes being installed in 2017. The passive cathodic protection is common method of corrosion protection that does not apply electric current. A “sacrificial anode” is installed as a more attractive source to corrosive bacteria found in the environment thus reducing impact on the wharf. Similar protection systems are used elsewhere in Canada (Vancouver) and North America. Several monitoring events have been completed since installation of the anodes including 2023.

We trust the information provided is sufficient for your records. Please feel free to contact the undersigned if you have any questions or comments.

Sincerely,

Eric Andert

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Services
Defence Construction Canada
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ANNEX A: 2023 Season Photos

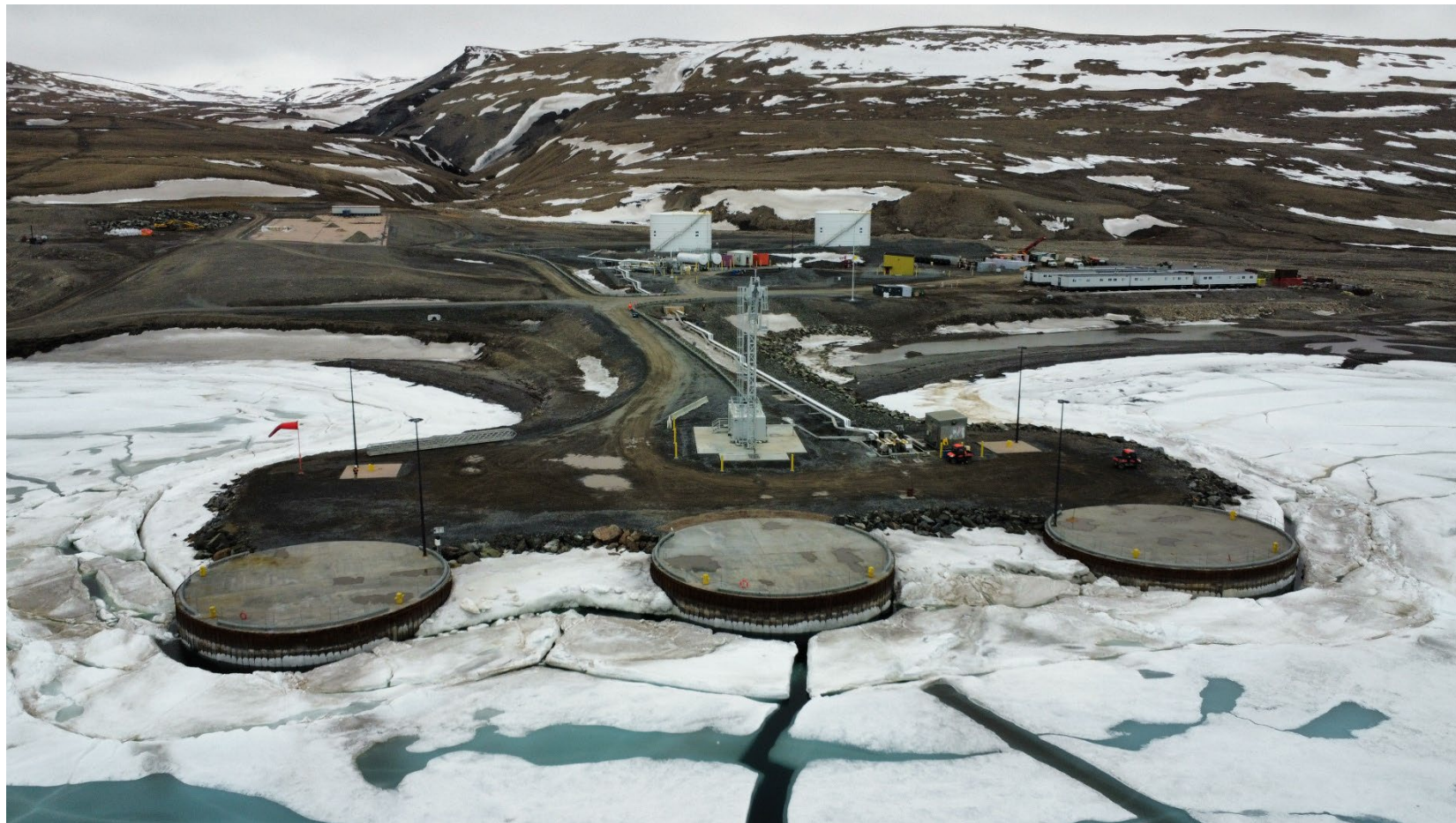


Figure 1. Drone shot of the NNF site – Not all camp (upper left and equipment was removed from site in fall 2023)



Figure 2. SSF Commissioning of the SSF



Figure 4. Wharf Dive Inspection



Figure 3. Valves Replacement

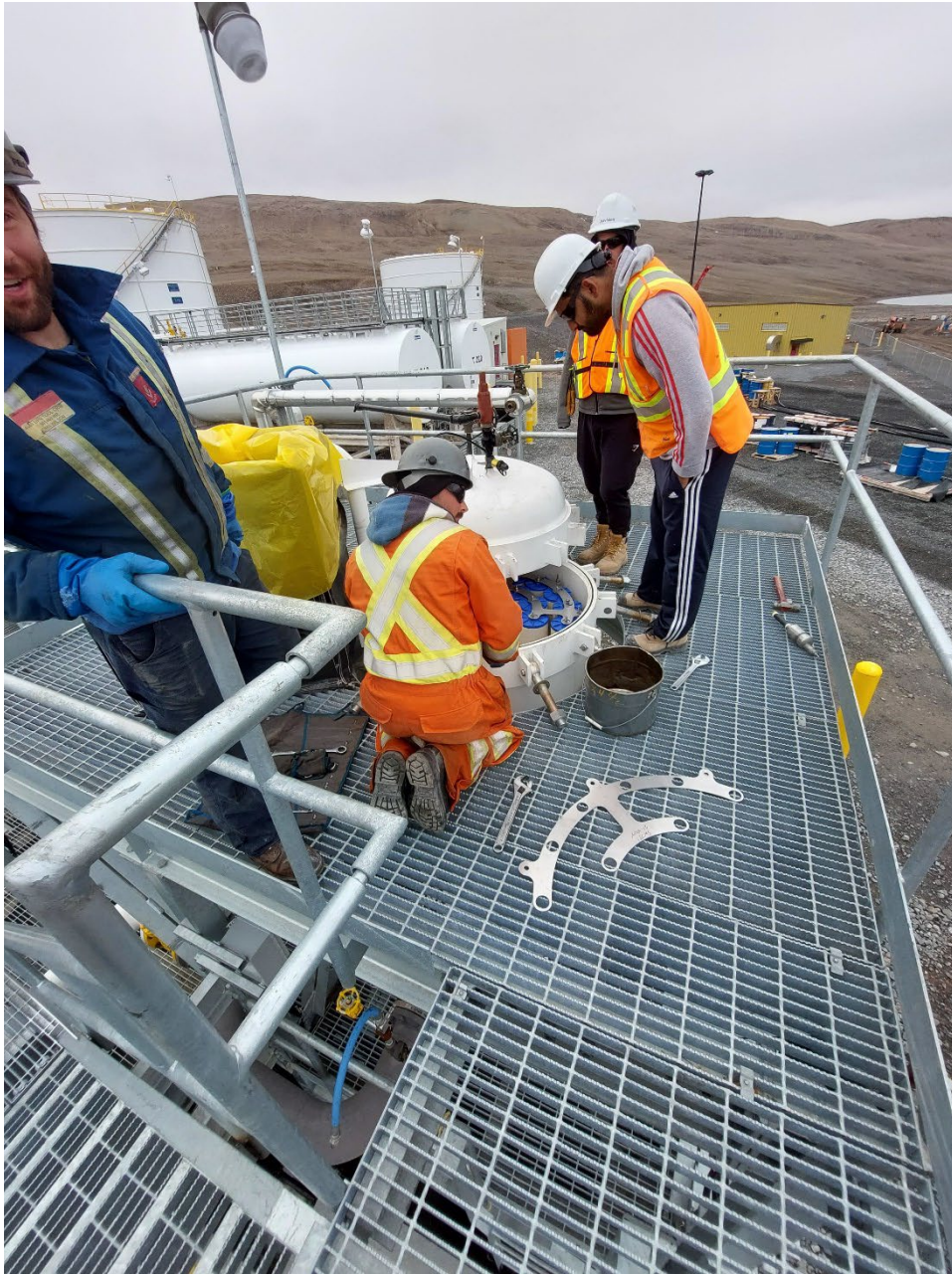


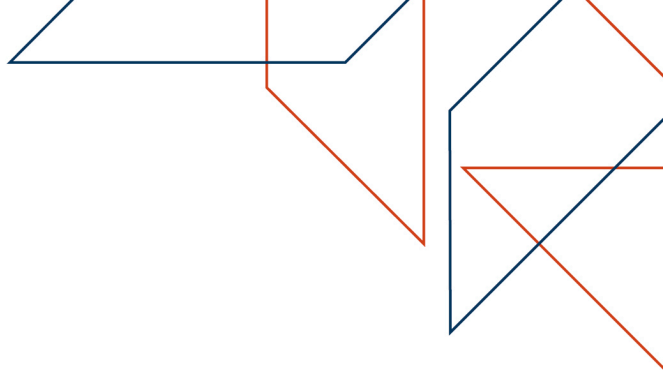
Figure 5. Coalescer filter installation





Figure 6. Site Demobilization



Figure 7. Flex pipe modifications



ANNEX B: Employment Report

  ALMIQ CONTRACTING LTD.	SHOP DRAWING / SAMPLE / PRODUCT DATA IDENTIFICATION FORM	T : 418-668-3321 F : 418-668-0652
		1340, Ulu Lane, P.O. Box 2140, Iqaluit, NU X0A 0H0

PROJECT : CONSTRUCTION OF NANISIVIK NAVAL FACILITY, NU			Submittal NO. SUB-ALM-DCC-180	
OWNER : DEFENCE CONSTRUCTION CANADA			Revision NO. 7	Date: 2023-10-25
PROJECT NO. : CONTRACT NO. : OUR FILE NO. :			Revision NO. 4	Date: 2018-12-13
NPO1301	55668 CN	148926	Revision NO. 5	Date: 2021-02-10
			Revision NO. 6	Date: 2022-09-27

DISCIPLINE :	
CONTRACTOR /SUB-CONTRACTOR : Almiq Contracting LTD 1340, Ulu Lane, PO Box 2140 Iqaluit (NU) X0A 0H0	
Person in Charge : David Beaulieu Phone : 418-668-3321.216 Fax :	
MANUFACTURER :	SUPPLIER :
Person in Charge : Phone : Fax :	
SHOP DRAWINGS, PRODUCT DESCRIPTION OR SAMPLE SUBMITTED FOR APPROVAL: Annual Report Employment Report 2023 season	SPECS REFERENCE : <div style="border: 1px solid red; padding: 5px;"> REVIEWED [<u> </u>] REVIEWED AS MODIFIED [<u> </u>] REVISE AND RE-SUBMIT [<u> X </u>] NOT REVIEWED [<u> </u>] <small>Reviewed only as to general conformity with the design concept. The engineer does not warrant or represent that the information contained on this drawing is either accurate or complete. Sole responsibility for correct design, details and dimensions shall remain with the party submitting the drawings.</small> Worley Canada Services Ltd. By: <u>D. Pinto</u> Date: <u>21 December 2023</u> </div>
NOTES : Refer to comments package at the back. Revise employment report as required. If Inuit employment is expected for deficiency correction sin 2024, re-submit accordingly.	

We declare that we have verified the attached documents and/or sample, that they are in compliance with the contract documents and are approved for the construction of the project.	
David Beaulieu, Project Manager <hr/> Contractor's Representative	
David Beaulieu, Ing/Eng	Signature numérique de David Beaulieu, Ing/Eng Date : 2023.10.25 10:33:31 -04'00'
<hr/> Signature	<hr/> 2023-10-25 Date

Employment Report 2023

CONTRACT: NPO1301 – Construction of Nanisivik Naval Facility

Location: Nanisivik, Nunavut, Canada

Client: Defence Construction Canada

Contractor: Almiq Contracting Ltd.

Prepared by: David Beaulieu

Title/Function: Project Manager

Date: 2023-10-25

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Summary

For the 2023 season, 5 different positions were available to the Inuit local people. We needed Wildlife monitors, truck drivers, housekeeper, cook assistants and labourers. Overall, Almiq Contracting Ltd has employed 6 different people to fill these positions.

1. Training and Education Summary

Training on the project was mostly on-the-job training. For each activity, the Inuit workers would be paired with an experienced worker and closely supervised by him. As regularly done in the construction industry, a new worker “apprentice” must be accompanied by a journeyman for a period of time. This is what was done also with Inuit workers. The co-worker would teach the work procedures, proper and safe tool usage, as well as PPE use. Most of the workers were hired by Almiq Contracting Ltd in the past and so, were quickly apt to fulfill their job during 2023 season independently.

Here are the main activities done as on-the-job training:

Table 1 Worker’s Education

On-the-job Training (Work)	
Camp maintenance, repairs and cleaning	
Cooking	
Labour (see definition on page 8)	
Civil Works Labour	
Site Cleaning	
Mechanic work	
Operator	
	▪ Trucking

2. Worker Trainings

Worker training consists in specific site procedures. These trainings have been given through tool box meetings, FLHA (pre-shift meetings) on site.

Each year and anytime new workers come to site they receive an orientation (Welcome to site) in which is explained the Safety program. Many points such as procedures in case of accidents, Environment procedures, waste management procedures, etc. (see Table 2 below) are presented during this orientation.

The trainings done on site were not formal and none of the employees received certificates for these trainings. Almiq is not a facility that can give out certificates.

In the past, some of the semi-skilled workers in Arctic Bay demonstrated an interest in acquiring more formal training. Almiq contacted the Arctic College to ask if it was possible for a teacher to come to site to provide training sessions, however they refused, saying the student must attend a 32 week comprehensive program to obtain the level 1 apprenticeship certification, in the trade of their chose. For 2023 the request was not done as we already knew that it wasn't possible.

Table 2 : Worker trainings

Content
Workers OHS Induction
Procedure in case of accident
Procedure in case of fire & Simulations exercises
Evacuation procedures
Wildlife Mitigation and monitoring plan
Environmental procedures
Waste management procedures
Procedures in case of accidental spills
Road safety regulations
WHMIS
Personal Protective Equipment (PPE)
Hazardous conditions
Fire Extinguisher / Fire Protection

For the 2023 season, 6 different Inuits have been employed; summing up the total hours worked to 4 489 hours. The group was mostly coming back workers from previous years. 2 workers had their truck driving license.

Dedicated peoples with driver licence were in charge of driving the local workers to, and from, the site.

Furthermore, 11 people were employed, the majority from Province of Quebec, worked on the Nanisivik Naval Facility project in 2022 for a total of 8 503,50 hours. (See Table 5 for details)

	Almiq External Workers	Subcontractor Workers	Local Workers	Total
Number of Employees	31	35	7	73
Percentage	42%	48%	10%	100.0%
Number of Hours Worked	9 844.5	6 640	3 552	20 036.50
Percentage	49%	33%	18%	100.0%

Employee Name	City	Trade	Gender	Total hours
Jennifer Issigaitok	Arctic Bay (Nunavut)	Cook assistant	F	673.50
Shawn Oyukuluk	Arctic Bay (Nunavut)	Bear monitor	M	745.25
Benjamin Issuqangituq	Arctic Bay (Nunavut)	Truck driver	M	914.50
Clara Itturiligaq	Arctic Bay (Nunavut)	Housekeeper	F	529.50
Steven Hughes	Arctic Bay (Nunavut)	Labor	M	41.50
Rhona Alooooloo	Arctic Bay (Nunavut)	Housekeeper	F	622.25
Peter Tatatuapik	Arctic Bay (Nunavut)	Labor	M	25.50
			TOTAL	3 552

Table 5: Employment for the 2022 Season (External Workers)

The table below doesn't include workers that came 1 or 2 days for maintenance or various testing

Employee Name	Province	Compagny	Trade	Gender	Total hrs
Côme Paradis	Quebec	Almiq	Operator	M	751.50
Michel Roussel	Quebec	Almiq	Mechanic	M	155
Michael Gagnon	Quebec	Almiq	Mechanic	M	390.50
Claude Pageau	Quebec	Almiq	Painter	M	211.50
Yvon Pelosse	Quebec	Almiq	Carpenter	M	657
Yvan Pelosse	Quebec	Almiq	Carpenter	M	586.50
Gabriel Lafrance	Quebec	Almiq	Mechanic	M	148
Richard Paré	Quebec	Almiq	Carpenter	M	295.75
Nicol Gagné	Quebec	Almiq	Carpenter	M	226
Pascal Dupuis	Quebec	Almiq	Operator	M	73.50
Jérémy Cournoyer	Quebec	Almiq	Operator	M	153.50
Nathalie Emond	Quebec	Almiq	Cook	F	259
Louis Ménard	Quebec	Almiq	HSE	M	850
Lucie Caouette	Quebec	Almiq	Housekeeper	F	70
Michel Paquet	Quebec	Almiq	Superintendent	M	70
Patrick Houde	Quebec	Almiq	Cook	M	585.50
Benoît Leblanc	Quebec	Almiq	Cook	M	242.50
Matthew Brassard	Quebec	Almiq	PM assistant	M	356.25
Stéphane Veilleux	Quebec	Almiq	Carpenter	M	458
Jessica Goulet	Quebec	Almiq	Cook	F	473
Marylène Paul	Quebec	Almiq	HSE	F	142
Luc Harvey	Quebec	Almiq	Labor	M	380.50
Dany Lehouillier	Quebec	Almiq	Superintendent	M	680.50
Jocelyn Hébert	Quebec	Almiq	Labor	M	86
David Beaulieu	Quebec	Almiq	Project Manager	M	1077.50
Marc-Antoine Robert	Quebec	Almiq	Carpenter	M	86
Denis Morin	Quebec	Almiq	Locksmith	M	38.50
Alexandre Lavoie	Quebec	Almiq	PM assistant	M	117.50
David Bergeron	Quebec	Almiq	Foreman/Superintendent	M	223
TOTAL (Almiq external Workers)					9 844.50
Dominique Ballet	Quebec	SiriusMedX	Medic	M	638
Mirsad Ousmanbasique	Quebec	SiriusMedX	Medic	M	242
Julien Marleau	Quebec	SiriusMedX	Medic	M	231

Employment Report 2023



ALMIQ CONTRACTING LTD.

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Steve Bolduc	Quebec	Extincteur Lac-St-Jean	Fire extinguisher tech	M	10
Khansu Surawat	Quebec	Chubb	Fire alarm tech	M	10
Normand Albert	Quebec	Insat Telecom	IT tech	M	40
Jean-Philippe Minier	Quebec	Mectal	Structural inspector	M	10
Yvon Hébert	Quebec	FCNQ	Crane Operator	M	80
Mitchell Johnkeere	Quebec	R.R.	Project manager	M	150
Anthony Carroll	Quebec	R.R.	Technician	M	150
Andy Hewitt	Quebec	R.R.	Technician	M	150
Michel Castilloux	Ontario	Progesys	Cx agent	M	290
Jean-Pierre Roussy	Quebec	Progesys	Cx agent	M	290
Yanis Dehak	Quebec	Progesys	Cx agent	M	290
François Bujold	Quebec	SM	Pipefitter	M	594
Jessy Denis	Quebec	SM	Pipefitter	M	517
Thomas Gingras	Quebec	SM	Pipefitter	M	407
Loic Dessureault	Quebec	SM	Pipefitter	M	407
Claude Dion	Quebec	SM	Pipefitter	M	88
Andrew Martin	Quebec	SM	Pipefitter	M	165
Maxime Breton	Quebec	SM	Pipefitter	M	165
Jeremy Gravel	Quebec	SM	Pipefitter	M	165
François Rondy	Quebec	SM	Isolator	M	88
Donald Deschamps	Quebec	Pagui	Electrician	M	176
Nicolas Isabelle	Quebec	Pagui	Electrician	M	484
Yannick Fournier	Quebec	Pagui	Electrician	M	165
Vincent Valois	Quebec	Pagui	Electrician	M	165
Drew Lamoureux	Ontario	nVent	Heat trace tech	M	88
Dominic Brie	Quebec	Isolation Air Plus	Isolator	M	88
William Lafrenière	Quebec	AIA	Technician	M	99
Yan Lacroix	Quebec	Cummins	Genset tech	M	99
Anthony Quinn	Ontario	Viking	Fire alarm tech	M	99
TOTAL (Subcontractors Worker)					6 640
TOTAL					16 484.50

* Definition of "Labour":

Labourers assist skilled workers and perform manoeuvres tasks such as;

- Loading and unloading building materials and placing them in work areas;
- Mount and dismantle concrete formwork, scaffolding, access ramps, footbridges, shoring and barriers on construction sites;



- Mixing, pouring and spreading materials, including concrete;
- assist skilled workers such as carpenters, bricklayers, cement-finishing contractors, roofers and glaziers in the performance of their respective work;
- assist in the alignment of pipes or related work during the construction of pipelines;
- assist in the drilling and mining of rocks on construction sites;
- Level the ground according to the specified slope using rakes and shovels;
- Removing rubble and other debris from construction sites using rakes, shovels, wheelbarrows and other equipment;
- powering machines or managing the equipment used on construction sites, including mixers, compressors and pumps, or monitoring their operation;
- Direct traffic on or near the construction site;
- perform other duties on construction sites, as directed.

Inuit Cultural Awareness Program Summary

In 2015, the program has been created and given to our superintendent, OHS advisor, foreman, HR advisor, and project manager (see complete program in Appendix 2). They transmitted to their team the policy of openness of the company, raising their cultural awareness in an informal manner on a daily basis. This awareness aimed the Qallunaat workers towards Inuit culture as well as the Inuit workers towards the Qallunaat. There was no distinction between them.

By their experience on some of our previous construction site, leaders among the workers paved the way with welcoming and inclusive behaviors that everyone followed. There was a lot of sharing and exchanges on the site and the camp. The work environment was truly positive, there was a lot of joking, and everybody would say hello to everybody, the atmosphere of the group was overall very good.

Despite the fact that we proceeded in a more informal way to develop relationships and awareness between our employees, we are proud of the results and some behaviours demonstrates how good was the work environment; such as little attention given by our cooks to Inuit employees, gift offered by Inuit employee to our mechanic and many others. Therefore, we believe that we have done well, the employees are happy and they come back to work for us every year, which leads us to believe they like working for Almiq Contractor and they enjoy the work dynamic.

For the 2023 season, All the members of the Managing team, majority of workers and some support workers were people with experience in the past with local communities and were informing workers from the south on the reality of the North in interrogation was happening for those without any past experience.

REVIEW OF ALMIQ CONTRACTING LTD's INUIT PARTICIPATION PLAN REV. 8 and EMPLOYMENT RECORD for 2023

Introduction

The following provides a review of Almiq Contracting Ltd.'s latest Inuit Participation Plan Rev. 8 (IPP) issued on October 19, 2023, and their Employment Record (ER) for 2023 issued on October 25, 2023 .

1. Inuit Participation in 2023

Section 1.3 Mission Statement

Suggest adding from the parent company's mission statement online: *We strive to achieve development objectives while encouraging local economic spin-offs by using local resources, suppliers, and labour.*

Section 3.1 Provide a Summary of the Contractor's Stakeholder Engagement Plan

- It is clear this section has not been updated in years, except for the last sentence indicating there was no open house in 2023. Given that the Project is nearing completion, this section should be written in the past tense as a summary of what was done and not what will be done. For example (among many), the following statements are no longer true and should either be deleted or rewritten to reflect what was actually conducted and not what will be done:
 - *"We will plan meetings with the Mayor and Council, local Hunters and Trappers Organization (HTO), Economic Development Officer (EDO), Arctic Bay College Manager, DCC Representative and other interested local stakeholders (Royal Canadian Mounted Police [RCMP], health services, etc.) as directed by the schedule of the works, in a timely manner."*
 - *"We will meet with the Arctic Bay College Manager and the EDO to discuss potential training plans, programs and apprenticeship opportunities. We will plan and lead a public open house for the community of Arctic Bay as soon as arrangements can be made, but before 2015 mobilization to site. We will invite the community at large, Mayor and Council, HTO, EDO, DND/DCC Representative, and any other local stakeholders."*

- According to the list provided the last meeting with Mayor and Council was in 2014 and the last open house was in 2018. Please update the list to reflect meetings with the Hamlet since 2014 and any open houses that have been conducted since 2017.
- Has Almiq ever met with the HTO? There seems to be no record of any meetings with the HTO. If meetings have been held with the HTO, please add them to this list.
- Almiq states that in 2023 there was no open house but doesn't provide a reason for not conducting one. Please provide an explanation for why an open house before the 2023 construction season was not necessary. An open house could've provided interested community members with an opportunity to meet with the construction team and be updated on the progress of the project (especially given that this year involved demobilization from the site) and learn about the upcoming construction season such as: the activities that are planned; any potential impacts to the community (road closures, trucking, community services required etc.); and job and business opportunities. An open house prior to each construction season is considered best practice.

Section 4.2.2 Verify that the current and future capacity of local labour and businesses to deliver services and provide equipment to the NNF Project is still valid

- This section is outdated and does not state what was done prior to the 2023 construction season. Please update.

Section 4.3.1 Review the Regional Business List to create a Regional Resource Matrix. Determine which businesses are a potential match for the Project

- This section is outdated. The Iqaluit Airport Project was completed nearly 6 years ago. Please delete.

Section 5.1 Create a Resources and Action Plan (RAP)

- The needs for line item 2 seem wrong. Is it supposed to be 12-50 (flights) and not 1250?
- The timeline for line items 6, 7, and 8 are missing, please provide.
- Item 9, fuel – please provide how much fuel was consumed for 2023. At the moment the line item shows a total of 350,000L from 2014-2023. Is this supposed to be per year? How much of that fuel was used in 2023?
- Same comment for Item 13, marine transport. How much was spent on sealifts for 2023?
- Item 14, Room and Board – Please provide update for 2023, the current data is from 2014. If no money was spent at the inn in 2023, please make that clear with a line item for 2023 populated with \$0.
- Item 15, Translation and Interpreter – If no money was spent on local interpreters/translators in 2023, please make it clear by populating with a \$0.

Section 5.2 Identify available training

- It is encouraging to see that Almiq contacted the Nunavut Arctic College (NAC) to inquire about the possibility of hosting training sessions on site with a NAC teacher. However, this section should be updated with any other efforts Almiq has made since 2015 to provide training opportunities to local residents.

Section 5.4 Demonstrate awareness of cultural considerations for Inuit workers including potential problems and mitigation strategies

- Please state which of the strategies listed were applied to the Project in 2023.

Section 6 Execution Plan

- This table hasn't been updated in years. Please update to reflect all the IPP and Employment Record reports that have been submitted annually since Nov 2014 under Item 19 Monitoring and Reporting. Please also provide the RAP dates for construction seasons after season 4 under the same item.
- Item 16 – Pre-employment training including Inuit Cultural Awareness (ICA) Program – please confirm that the ICA was delivered as part of induction training in 2023.

Section 6.1 Hiring and Employment Strategies

- According to this section, Almiq has not posted job opportunities since 2016. Please provide job postings from 2017 on.
- Almiq states "In 2023, we didn't have to post job offers as we contacted the workers that we had in the previous years and they were prompted to recommend their friends or family for the few remaining spots available". Being able to retain the same local workers year after year is indicative of a positive work environment. However, any new opportunities to work on the Project should be provided to anyone in the community, not just the friends or family members of existing workers. Any new jobs should be posted publicly so that anyone interested in the community may have a chance at the opportunity.

Section 6.2 Procurement Strategies

- Please state if the table listing "local services used" is for the 2023 construction season. There are no dates provided in this section. If these services were used in the 2023 construction season, please make that clear in the title of the table.

Section 6.4 Community Coach / Mentor

- Please state whether a community coach/mentor was hired for the 2023 construction season. If not, please provide a reason why.

Section 6.5 Training Plan

- This section hasn't been updated for 2023. Please update. As last year, it is not clear whether new workers for 2023 were provided the full induction/on boarding training or just the "reminder" for previous workers along with the annual orientation. Please clarify.

Section 7.1 Provide an Inuit Cultural Awareness Program

- The text implies that because of experience with local communities, the on-site project manager, the Superintendent, and the "medic" were not given the Inuit Cultural Awareness Program. If this is the case, please state definitively that the Inuit Cultural Awareness Program was not provided to anyone working on site during the 2023 season. At the very least, new southern workers should be provided with material either by presentation slides or pamphlet during their induction or annual training that outlines the cultural context of the Project, the importance of traditional activities, and the behaviours expected at camp and when engaging in the community (code of conduct).

Section 8.1 Stakeholder Community Records

- Please update this section with any "main communications" held for the 2023 construction season. It is clear this section has also not been updated in years.
- Please confirm whether there were any meetings with the Hamlet or the HTO for the 2023 construction season. Please make it clear if no meetings were held with the Hamlet and HTO for 2023.

Section 8.3 Cost breakdown for local and regional economic benefits

- Please update relevant sections and tables in the IPP (Section 5.1. fuel, lodging etc.) with the data provided in Table "Local Benefits 2023" and to reflect what was actually procured in 2023. For example, Section 6.2 currently implies that local services listed were used in 2023 but some of these businesses are not found in the Table "Local Benefits 2023". Please update for the 2023 season and for consistency.

2. Employment Record 2023

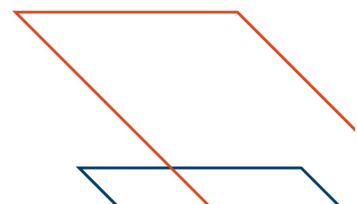
Section 2. Worker Trainings

- The worker training content seems to be missing code of conduct and Inuit cultural awareness training. Please confirm that material on code of conduct and Inuit cultural awareness is provided during worker induction training.
- According to the IPP for 2023, 3 training hours were provided for each of the 7 Inuit individuals hired. Suggest documented these training hours in this section of the Employment Record.

Section 3. Employment Summary

- The text in this section does not reflect the data provided in the tables.
 - It states that 6 Inuit were employed, but Tables 3 and 4 list 7 Inuit, not 6.
 - The text states 4,489 hours total for Inuit workers. This total does not match the values provided in Table 3 and 4 of 3,552 hours.
- Please confirm whether all the data provided in Table 3 is for 2023 and if so, please make it clear in the table title that the data is for 2023.
- Assuming that the data in Table 3 is for 2023, please also update the last paragraph in the text that is currently from 2022 to reflect the data for 2023 provided in Table 3. It currently states "*Furthermore, 11 people were employed, the majority from Province of Quebec, worked on the Nanisivik Naval Facility project in 2022 for a total of 8 503,50 hours. (See Table 5 for details)*"
- Which of the individuals listed in **Table 4 : Inuit Employment for the 2023 Season** also worked as the community coach/mentor mentioned in the IPP? The role isn't listed. Is this because there was no community coach/mentor hired for the 2023 season? Please clarify.
- **Please provide an update to Table 5 for the 2023 construction season: Employment for the 2023 Season (External Workers).** Data for the 2023 season is missing.

ANNEX C: Water Usage Data 2023



From: [Lands Administrator](#)
To: [Andert, Eric](#)
Subject: EXTERNAL: RE: NNF water usage 2023
Date: July 22, 2024 3:51:36 PM
Attachments: [image001.png](#)

CAUTION: This email originated from an External Sender. Please do not click links or open attachments unless you recognize the source.
ATTENTION : Ce courriel provient d'un expéditeur externe. Ne cliquez sur aucun lien et n'ouvrez pas de pièce jointe, excepté si vous connaissez l'expéditeur.

Good afternoon,

Finance confirmed 411,000 litres of water @ 0.095/litre was used for 2023.

Ashley Kalluk
Lands Administrator
Arctic Bay
867-439-9917

From: Andert, Eric <Eric.Andert@dcc-cdc.gc.ca>
Sent: July 22, 2024 3:43 PM
To: Lands Administrator <landsadmin@arcticbay.ca>
Subject: NNF water usage 2023

Good day Ashley,

Thankyou for taking my call this afternoon.

As noted I am trying to gather the water usage data by Almiq for the NNF project in 2023. Almiq has been uncooperative in providing the data as they have gone into receivership.

If you can confirm the 411,000 Litres you noted over the phone in responding to this email it would be appreciated.

Thankyou,

Eric Andert

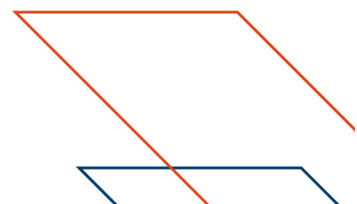
Coordinator, Construction Services
Defence Construction Canada
180 Kent Street, 14th floor,
Ottawa, ON K1A 0K3



Coordonateur, Service Construction
Construction de Défense Canada
180, rue Kent, 14e étage
Ottawa, ON K1A 0K3

Tel. | Tél. (613) 293-3975
Cell. 613-293-3975



ANNEX D: Waste Treatment report 2022



  ALMIQ CONTRACTING LTD.	SHOP DRAWING / SAMPLE / PRODUCT DATA IDENTIFICATION FORM	T : 418-668-3321 F : 418-668-0652
		1340, Ulu Lane, P.O. Box 2140, Iqaluit, NU X0A 0H0

PROJECT : CONSTRUCTION OF NANISIVIK NAVAL FACILITY, NU			Submittal NO. SUB-ALM-DCC-372	
OWNER : DEFENCE CONSTRUCTION CANADA			Revision NO. 0	Date: 2017-04-25
PROJECT NO. : CONTRACT NO. : OUR FILE NO. :			Revision NO. 1	Date: 2017-07-26
NPO1301	55668 CN	148926	Revision NO. 2	Date: 2019-01-28
			Revision NO. 3	Date: 2022-09-26

DISCIPLINE :	
CONTRACTOR /SUB-CONTRACTOR : Almiq Contracting LTD 1340, Ulu Lane, PO Box 2140 Iqaluit (NU) X0A 0H0	
Person in Charge : David Beaulieu Phone : 418-668-3321.216 Fax :	
MANUFACTURER :	SUPPLIER :
Person in Charge : Phone : Fax :	Person in Charge : Phone : Fax :
SHOP DRAWINGS, PRODUCT DESCRIPTION OR SAMPLE SUBMITTED FOR APPROVAL:	SPECS REFERENCE :
Annual Report – Waste treatment (2022 season)	<div style="border: 1px solid red; padding: 5px;"> REVIEWED [<u> X</u>] REVIEWED AS MODIFIED [] REVISE AND RE-SUBMIT [] NOT REVIEWED [] Reviewed only as to general conformity with the design concept. The engineer does not warrant or represent that the information contained on this drawing is either accurate or complete. Sole responsibility for correct design, details and dimensions shall remain with the party submitting the drawings. WORLEY CANADA SERVICES LTD. By: <u> A. Dratwa </u> Date: <u> 18 October 2022 </u> </div>
NOTES : In the future please include comments on any incomplete data or non-burn days.	

We declare that we have verified the attached documents and/or sample, that they are in compliance with the contract documents and are approved for the construction of the project.	
<div style="display: flex; justify-content: space-between;"> <div> David Beaulieu, Project Manager <hr/> Contractor's Representative </div> <div> 2022-09-26 <hr/> Date </div> </div>	
<hr/> Signature	<hr/> Date

Waste Treatment Report

Season 2022

CONTRACT: NPO1301 – 55468 Const. of Nanisivik Naval Facility

Location: Nanisivik, Nunavut

Client: Defence Construction Canada

Company: Almiq Contracting Ltd.

Prepared by: David Beaulieu

Title/Function: Project Manager

Date: 2022-09-26

1 Summary

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1.2	SOLID WASTE	3
1.2.1	Estimated Solid Waste Generated During Construction of the NNF	3
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1.1. DESCRIPTION OF WASTES AND HAZARDOUS MATERIALS

Waste at the Nanisivik Naval Facility will be grouped into three categories:

1. Wastewater,
2. Solid waste
3. Chemicals and hazardous materials.

The following provides a description of the sources and types of waste.

1.1 WASTEWATER

See submittal “SUB-ALM-DCC-370 – Quantity of Water used” for the annual report of the volumes of water used for each activity and the wastewater management.

1.2 SOLID WASTE

Solid waste generated during construction will be separated, compacted, stored and, where suitable, incinerated prior to transportation down South to an appropriate licensed facility. Recyclable or reusable material will be shipped for off-site recycling. The type and volumes of waste that are estimated to be generated during construction of the Nanisivik Naval Facility, based on a construction season of 4 months/year, is listed below. The estimated volume of food waste during construction, which will require incineration, is 1.2 kg/person/day.

1.2.1 Estimated Solid Waste Generated During Construction of the NNF

Waste Type	Raw Waste Vol. (m ³ /year)	Applied Procedure
Food waste	60-100	Incinerated
Paper and cardboard	40-48	Incinerated as combustible agent
Wood pallets	60-80	Donated, incinerated as combustible agent
Plastics	20-32	Sorted and recuperated (South)
Glass	8-16	Sorted and recuperated (South)
Metals	16-32	Sorted and recuperated (South)
Oily water separator sludge	88-140	Contained and processed (South)
Diesel generator waste oil	16-32	Contained and processed (South)
Waste Cooking Oil	4-8	Contained and processed (South)

1. **Solid kitchen waste and sanitary waste:** Collected and incinerated every day
2. **Construction waste, including but not limited to: demolition materials, packaging / pallets / crates:** Donated, reused or incinerated.
3. **Waste from equipment maintenance:** Generated waste (oil and used lubricants, filters, rags, etc.) will be thrown in duly identified tight 45-gallon barrel, which, when full, will be placed in the storage container to be transported to the South to a specialized firm for processing.
4. **Waste from spills:** Generated waste from spills and recovery will be thrown in duly identified tight 45-gallon barrel, which, when full, will be placed in the storage container to be transported to the South to a specialized and licensed firm for processing.
5. **Hazardous materials:** Hazardous materials will be thrown in duly identified tight 45-gallon barrel, which, when full, will be placed in the storage container to be transported to the South to a specialized and licensed firm for processing.
6. All scrap and wastes that can't be disposed of on site will be transported to the South for disposal (Back hauled). A report attesting to the elimination of this waste will be required by Almiq and transmitted to DCC.

1.3 WASTE INCINERATION

An incinerator has been built for the purpose of the project in compliance with the *guidelines for burning and incineration of solid waste*. Burning will not occur directly on ground to avoid vegetation and permafrost destruction. Temperature and smoke will be monitored and wind conditions will be taken into account. Waste incineration will be performed at every end of day. In case the weather conditions would not allow burning, waste, especially kitchen waste, will be locked in a container until next day. The ashes resulting from incineration will be collected regularly and kept in a barrel until it is transported south to an appropriate facility for processing.

Refer to the proposed method – Almiq-001. Workers will be trained as appropriate before using it.

As per the document GUIDELINE: BURNING AND INCINERATION OF SOLID WASTE, all the recommended information was recorded in a log (See Table Below) and appendix 1 for the Monthly Reports

1.3.1 Waste Incineration – Season 2022

Month (2022)	Waste Incineration (Food) (KG)
June	1071
July	1282
August	1293
September	430
Total	4076



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Nanisivik

Food Waste incineration Monthly Report

Month: June 2022

Prepared by: David Beaulieu

Date: 26-09-2022

Waste type (Food waste)/Date	Quantity (Kg)	Wind condition (km/h)	Incinerator temperature (°celsius) * After 15 minutes of burning	Smoke color (translucid/ white/ black) * After 15 minutes of burning
Food / 2022-06-07	80	30	800	White
Food / 2022-06-08	100	20	800	White
Food / 2022-06-11	100	20	800	White
Food / 2022-06-14	90	15	800	Gray / White
Food / 2022-06-15	50	10	800	White
Food / 2022-06-16	86	8	800	White
Food / 2022-06-19	110	0	800	Gray / White
Food / 2022-06-22	90	0	800	White
Food / 2022-06-24	115	10	800	White
Food / 2022-06-26	100	20	800	White
Food / 2022-06-27				White
Food / 2022-06-28				White
Food / 2022-06-29	80	30	800	Gray / White
Food / 2022-06-30	70	20	800	White
Total Quantity	1071			
Préparé par :	DISTRIBUTION :		ESPACE RÉSERVÉ Dernière révision : Date : Par	
Approuvé par :				



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148926 Construction of naval facility

Nanisivik

Food Waste incineration

Monthly Report

Month: July 2022

Prepared by: David Beaulieu

Date: 2022-09-26

Waste type (Food waste)/Date	Quantity	Wind condition (km/h)	Incinerator temperature (°celsius) *Atfer 15 minutes of burning	Smoke color (translucid/ white/ black) *Atfer 15 minutes of burning
Food / 2022-07-01	80	20	800	White
Food / 2022-07-02	60	20	800	White
Food / 2022-07-04	80	10	800	Gray
Food / 2022-07-05	40	10	800	White
Food / 2022-07-06	40	10	800	White
Food / 2022-07-07	80	20	800	Gray / White
Food / 2022-07-09	80	20	800	White
Food / 2022-07-11	100	10	800	White
Food / 2022-07-12	80	25	800	White
Food / 2022-07-14	50	20	800	Gray
Food / 2022-07-15	80	35	800	White
Food / 2022-07-17	80	10	800	White
Food / 2022-07-18	50	10	800	White
Food / 2022-07-20	65	5	800	White
Food / 2022-07-21	70	0	800	White
Food / 2022-07-22	80	10	800	Gray / White
Food / 2022-07-27	40	10	800	White
Food / 2022-07-28	45	5	800	White
Food / 2022-07-29	41	35	800	White
Food / 2022-07-30	41	40	800	White
Total Quantity	1282			
Préparé par :	DISTRIBUTION :		ESPACE RÉSERVÉ Dernière révision : Date : Par :	
Approuvé par :				



Nanisivik

Monthly Report

Prepared by: David Beaulieu

Date: 2022-09-26

Waste type (Food waste)/Date	Quantity	Wind condition (km/h)	Incinerator temperature (°celsius) *Atfer 15 minutes of burning	Smoke color (translucid/ white/ black) *Atfer 15 minutes of burning
Food / 2022-08-01	90	40	800	White
Food / 2022-08-02	43	25	800	White
Food / 2022-08-03	60	10	800	White
Food / 2022-08-04	30	20	800	White
Food / 2022-08-05	30	20	800	Gray / White
Food / 2022-08-06	30	10	800	White
Food / 2022-08-07	80	30	800	White
Food / 2022-08-08	40	20	800	White
Food / 2022-08-09	80	10	800	White
Food / 2022-08-10	50	20	800	White
Food / 2022-08-11	80	20	800	White
Food / 2022-08-12	40	30	800	White
Food / 2022-08-13	80	20	800	Gray / White
Food / 2022-08-15	50	25	800	White
Food / 2022-08-17	30	20	800	White
Food / 2022-08-18	80	30	800	White
Food / 2022-08-19	50	10	800	White
Food / 2022-08-21	30	0	800	Gray / White
Food / 2022-08-23	40	30	800	White
Food / 2022-08-25	80	15	800	White
Food / 2022-08-27	80	20	800	White
Food / 2022-08-28	40	25	800	White
Food / 2022-08-30	80	20	800	White
Total Quantity	1293			
Préparé par :			ESPACE RÉSERVÉ Dernière révision : Date : Par :	
Approuvé par :				



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148926 Construction of naval facility

Nanisivik

Food Waste incineration

Monthly Report

Month: September 2022

Prepared by: David Beaulieu

Date: 2022-09-26

Waste type (Food waste)/Date	Quantity	Wind condition (km/h)	Incinerator temperature (°celsius) * After 15 minutes of burning	Smoke color (translucid/ white/ black) * After 15 minutes of burning
Food / 2022-09-01	80	30	800	White
Food / 2022-09-02	30	20	800	White
Food / 2022-09-03	80	30	800	White
Food / 2022-09-06	80	10	800	White
Food / 2022-09-08	80	18	800	White
Food / 2022-09-09	80	10	800	White
Total Quantity	430			
Préparé par :	DISTRIBUTION :		ESPACE RÉSERVÉ Dernière révision : Date : Par :	
Approuvé par :				