



MUNICIPAL PUBLIC WORKS Department

ACTIVITY REPORT MARCH TO MAY 2025

The Municipal Public Works Department assists the Northern Villages in securing the infrastructure and equipment necessary for their development. All of the department's activities in this respect are performed in close cooperation with the Northern Villages, whose participation is essential to the success of these activities. The department also provides technical assistance and training to municipal staff to increase knowledge in fields relevant to municipal activities and to make the Northern Villages more autonomous. Moreover, the department is also responsible for maintaining all KRG infrastructure.

PROGRAMS

TECHNICAL ASSISTANCE PROGRAM (SIVUNIRMUT AGREEMENT, PART ONE, MANDATE B.10)

- **Drinking water and wastewater**
 - Day-to-day assistance was provided by phone to NV operators (including troubleshooting, repairs, adjustments of systems, purchase of parts, and follow-up on sampling/tests).

Bacteriological Analysis – Colilert Sampling Results

	2021	2022	2023	2024	2025
	50 weeks	52 weeks	50 weeks	43 weeks	19 weeks
Kangihsualujuaq	95%	92%	82%	95%	100%
Kuujuaq	98%	98%	98%	100%	100%
Tasiujaq	81%	87%	88%	91%	95%
Aupaluk	79%	90%	92%	98%	89%
Kangirsuk	84%	96%	88%	81%	63%
Quaqtaq	65%	96%	82%	88%	47%
Kangihsujuaq	93%	88%	80%	93%	95%
Salluit	91%	71%	92%	95%	100%
Ivujivik	63%	98%	98%	77%	26%
Akulivik	49%	85%	74%	88%	74%
Puvirnituk	77%	75%	66%	88%	68%
Inukjuak	86%	73%	90%	88%	95%
Umiujaq	79%	85%	60%	84%	53%
Kuujuarapik	98%	98%	96%	100%	95%
Average Nunavik	81%	89%	85%	91%	79%

Sampling results:

- We are currently at 79%, and the regional objective is 85%. The regional average is below target, and there's a need to improve testing performance regionally for all 14 NV (below 85%).
- The operators' performance from Kangirsuk, Quaqtac, Ivujivik, Puvirnituc, and Umiujaq is **deficient**. The performance has been affected by both the absence and shortage of operators in certain NV and technical challenges, including frozen pipes. Efforts are currently underway to support the newly hired operators in these NV through ongoing on-the-job training.
- Physical and chemical testing of raw and treated water:
 - o The second sampling campaign for the year, Q2, is underway. Sampling kits have been dispatched to the communities for testing and analysis.

This test is crucial since it tracks potential changes to the quality of source water (lakes and rivers), and confirms whether the treatment process continues to produce safe drinking water.

Interventions made in collaboration with operators and communities on water infrastructure:

- Development continues of a new software application with a centralized and automated phone system to improve the user experience in communicating water and sewage service needs. The integrated system will provide KRG and the NV with valuable data to identify focus areas required for improvement. It can also help truck route planning to increase efficiency and reduce vehicle wear and fuel consumption. NV Kuujuaq received a demo version of the app, and pilot testing is underway.
- **Kangiqualujuaq**
 - o Investigation – Leaks in the pipeline; leak detection device delivered (ongoing)
- **Kangirsuk**
 - o Replacement of chlorine skid
 - o Repair heating in pumping station and water plant
 - o Assisting NV to overcome frozen pipeline and put in place temporary measures
- **Quaqtac**
 - o Assisting NV to manage frozen pipeline and minimize consequential damages
 - o Promptly responding by sending a water pump to NV mechanics intended for use in drawing water from water source without going on frozen lake
 - o Assisting NV with solutions to draw water from water source continuously
- **Kangiujuaq**
 - o Assisting NV to manage frozen pipeline and minimize consequential damages
- **Ivujivik**
 - o Assisting NV with temporary operation of plant and training new operator
 - o Troubleshooting defects in heating system and glycol circulation (ongoing)
- **Puvirnituc**
 - o Assisting NV to manage frozen pipeline and minimize consequential damages
 - o Mobilizing contractor and purchasing materials to assist NV in implementing short-term solutions (ongoing)
 - o Mobilizing seven technicians, instructors and coordinator to assist NV in responding to the emergency situation

- Facilitating travel for six relief operators from NV Inukjuak to assist with snow removal and service truck operation
- **Inukjuak**
 - Troubleshooting issues at raw water pumping station
- **Umiujaq**
 - Assisting NV with recommissioning frozen raw water pump
- **Rolling Stock – vehicles and heavy equipment**
 - Seven NV were visited by mechanic-instructors, assisting with repairs and follow-up of preventative maintenance

NVs are reminded to improve communication with us regarding their fleet status for effective overhaul planning when needed. Given the ongoing supply chain disruptions and lengthy lead times for acquiring new service trucks, the municipalities' role in ensuring proper maintenance and management of the existing fleet is even more critical.

**ISURRUUTIIT PROGRAM 5 (2023-2026)
– Quebec Ministry of Municipal Affairs and Housing (MAMH)**

The Program, also known as the Northern Villages' Municipal Infrastructure Agreement, was signed between KRG and MAMH in April 2024 to build and improve municipal infrastructure. It provides an envelope grant of \$153.8M to KRG to invest in NV infrastructure projects and studies and to manage the program.

To date, 115 projects and purchases worth \$136M have been voted on and are in progress, representing 89% of the envelope. \$16.7M remains, split between roads (\$3.2M) and rolling stock (\$7.2M), leaving \$6.3M available for all other infrastructure. Please see Appendix 1 for more details.

Component 1 – Drinking water infrastructure

- **Aupaluk**
 - Blasting works continued until end of 2024 and will resume in May, with expected completion in summer of 2025
 - Reservoir purchased and will be in the first sealift, expected to arrive in July 2025
 - Reservoir installation expected to start this summer and completed this year; contract award to be finalized soon
- **Quaqtaq**
 - CFT for purchase and installation of heat trace cable to be launched this month
 - Level sensors in water plant changed
- **Kangirsuk**
 - Heat trace cable installation contract awarded, and work to commence this summer
 - Loading arm for water plant purchased; will be replaced this summer
 - HVAC maintenance for water plant is 85% completed; completion expected as soon as requested parts received
- **Salluit**
 - Intake upgrades: engineering works are in progress to design; expected to be completed before end of the year

- **Ivujivik**
 - Call for tenders for water plant and pumping station entrance covers has been launched
- **Akulivik**
 - Public CFT was launched for civil works associated with expanding treated water reservoir; bids are currently being analyzed
- **Kuujjuaraapik**
 - Project to upgrade control and automation system: work has been rescheduled to start at beginning of June due to excavation work needed to replace underground communication cable
- **Ivujivik, Puvirnitug, and Inukjuak process, heating, and pipeline improvements:**
 - Intake upgrades: engineering works in progress to design; expected to be completed before end of the year

Component 2 – Wastewater and stormwater infrastructure

- **Kangirsuk**
 - Concept design report received from consultants; works will be planned in next phase of program
 - Studies on wastewater pumping station ongoing
- **Kangijsujuaq**
 - Construction resumed and expected to be completed by October 2025
 - Preliminary work for construction of 2nd lagoon to resume this summer
- **Salluit**
 - Concept and feasibility study by consultants to find optimal solution for pipeline and pumping station or treatment system, and options were presented to NV; design and construction will be planned in next phase of program
 - Repair of freeze protection system partially completed; remainder will require redesign, ongoing by the engineering consultants
- **Umiujaq**
 - Production of CFT document completed and all materials; construction works are expected to be completed this year
- **Inukjuak**
 - Project involves repair to lagoon system: investigations and surveying in progress to design optimum solution

Component 3 – Municipal service infrastructure

- Project requests received, and evaluations ongoing to prioritize and select projects per approved selection criteria
- **Quaqtaq**
 - Municipal office emergency renovations: bids closed, and contract to be awarded in May

Component 4 – Waste management

- Inukjuak
 - Design for Phase 2 of new landfill to be completed in summer 2025

Component 5 – Local road infrastructure

- **Kuujjuaq**
 - o Design activities commenced for grade and drainage improvement of Area A and new road construction in Area B of new development areas per approved Master Plan
- **Kangirsuk**
 - o Bridge near water treatment plant inspected, and structural integrity confirmed; surface improvement is under design for summer 2025
 - o For crossing over Tasiakup Creek to access new solid waste site, a biological study was completed to reapply for permits from Ministère de l'Environnement, de la Lutte contre les changements climatiques, de la Faune et des Parcs; all permits except one were obtained, and CFT launch is expected in summer 2025
- **Puvirnituq**
 - o For new burrow pit road, bids are much higher than budget, and we are working on an alternate solution
- **Kuujjuarapik (access to new solid waste site)**
 - o Contract awarded to CCDC; construction of 5.2km road in summer 2025
- Planning activities for new housing development projects in all NVs are ongoing in collaboration with Land Use Planning Section of Renewable Resources Department and Makivvik.

Component 6 – Rolling stock

- MAMH has approved allocation of additional funds for rolling stock, and tender preparations are underway for purchases based on approved criteria. Accordingly, several calls for tenders have concluded, and orders have been placed based on approved eligibility criteria.

PIVALLIUTIIT 5

–Secrétariat aux relations avec les Premières Nations et les Inuit, SRPNI (formerly SAA)

MPW is responsible for the Community Infrastructure Project Funding Framework of The Indigenous Initiatives Fund IV in Nunavik, also known as PIVALLIUTIIT 5. This Agreement establishes the parties' general commitments to promoting economic development, creating or consolidating jobs, start-up or developing businesses, and renewing and improving infrastructure to increase the population's well-being and living conditions in the Kativik region.

Through IIF IV, Québec is making available to the KRG, until March 31, 2027, a budget of \$21 million to finance community infrastructure projects, according to priorities and needs expressed by the KRG. The MPW selects community infrastructure projects for AIF IV financial aid. These projects must meet specific program criteria; financial assistance per NV cannot exceed \$4 million.

Planning, budgeting, and design work for all projects in this program will be completed this year, and all selected projects will be completed in 2025 and 2026.

Collaboration with SRPNI is ongoing to verify and reconcile the exact residual amounts from previous phases that will be added to the current phase.

Other programs, such as TECQ, PAFIRS, and Makivvik's ICIF, will jointly fund some projects.

- **Kangiqsualujjuaq Arena**
 - See PAFIRS section below
- **Tasiujaq New Playground**
 - Call for tenders will be launched by the 1st week of May.
- **Tasiujaq Arena**
 - New technical solution to address foundation of ice rink was developed, and work will resume in construction season
- **Kuujjuaraapik, rehabilitation of St. Edmund Church**
 - Construction contract awarded after successful call for tenders (4th iteration); works already started and expected to be completed by end of construction season.
- **Kangiqsualujjuaq Community Center Renovation**
 - Construction contract will be awarded in May 2025 for works to start in late summer

FUEL EXCISE TAX PROGRAM (TECQ) PROGRAM – Phase 5

MAMH has confirmed phase 5, with total envelope of \$11.1M. The NV have received first round of project requests, which are being initiated.

RECREATIONAL AND SPORTS INFRASTRUCTURE FINANCIAL ASSISTANCE PROGRAM (PAFIRS)

Negotiations have been undertaken with Makivvik to collaborate on financial and project management since they provide a portion of the funds for these projects.

- **Kangiqsualujjuaq Arena Renovation**
 - Call for tenders launched in April 2025 and construction contract awarded. Construction is scheduled to commence in summer 2025 and end in 2026
- **Kangirsuk Community Center Renovation and Expansion**
 - Plans and specifications ongoing. Call for tenders for construction works is expected to be launched in summer 2025 for construction to take place in 2026 and 2027
- **Quaqtaq Arena Renovation**
 - Contract will be awarded to consultants to start design works by May 2025
- **Umiujaq Community Center Renovation**
 - Call for tenders to award professional services contract to be launched in May 2025

PROJECT MANAGEMENT FOR OTHER KRG DEPARTMENTS

Fire Halls (Civil Security Department)

- **Tasiujaq, Kangirsuk, Quaqtac, and Akulivik:** Works are substantially completed
- **Salluit:** Construction is planned for Summer 2025

Nunavik Police Services

- **Puvirnituc and Inukjuak (New Police Stations)**
 - o Service contract awarded to architectural firm to develop a new functional program and cost estimates
- **Akulivik (Emergency Power Generation)**
 - o Contract has been awarded and kick-off is expected in early September

KRG HOUSING PROJECTS

- Major renovation to houses #638 delayed until next year due to structural issues
- Major renovation to house #1249 delivered at end of 2024
- Major Renovation to houses #1081 & 1265 delivered in March
- Call for tenders successfully concluded for major renovations and structural remediations in #2163, and engineering design is ongoing in #2161.
- Major renovations of quadruplexes 1480 and 1482: work completed in seven of eight units that are occupied or ready for occupancy; remaining unit will be ready by October 2025
- New staff housing projects:
 - o Construction of two multiplex buildings with a total of 32 apartments
 - o Design works at 80% progress
 - o Call for tenders is expected to launch by end of May 2025

KRG BUILDING MAINTENANCE

- MPW Maintenance Section maintains KRG's 164 buildings in 14 NV. Despite reduced staff, we manage to keep up with emergencies and day-to-day requests and are gradually completing preventive maintenance.
- **Kuujuaq**
 - o Working on various apartment renovation projects
 - o Replacing furnaces in the 7 Bo-plex houses
- Operational Services are improving their performance under a new coordinator. For the last months, they have also been handling the messenger duties for the Administration department.
- **KRG Office Kuujuaq**
 - o Quick planning and work were done to renovate five offices of the DGO. The other offices will be handled in the coming months. It has not yet been determined, but the renovation of the reception area of the DGO may be given out to a contractor.

- **Construction Section (CCQ)**

- CCQ has prepared tenders for materials, tools, and containers required for various projects this summer and fall.
- These projects include:
 - **Kuujjuaraapik** – renovation of staff units #1162 & 1198
 - **Inukjuak** – replacement of windows and installation of protective screens
 - **Puvirnitug** – renovation of staff units #715-717
 - **Salluit** – renovation to NPS station and staff units #351, 353, 584 & 586
 - **Kangijsujuaq** – renovation to staff unit #45
 - **Quaqtaq** – renovation to NPS station and staff unit #743

APPENDIX 1 – BRIEF FINANCIAL STATUS OF ISURRUUTIIT PROGRAM 5 as of May 2025

Summary all IP-5 components		
Component	Count of Approved Projects	Sum of Approved Budget
1-Drinking water infrastructure	13	\$50,345,000
1.1	6	\$25,130,000
1.2	6	\$19,995,000
1.3	1	\$5,220,000
2-Wastewater and stormwater infrastructure	4	\$3,080,000
2.1	2	\$1,050,000
2.2	2	\$2,030,000
3-Municipal service infrastructure	2	\$856,000
3.1	1	\$200,000
3.2	1	\$656,000
4-Waste management infrastructure	1	\$8,050,000
4.1	1	\$8,050,000
5-Local road infrastructure	24	\$45,952,470
5.1	23	\$40,652,470
5.2	1	\$5,300,000
6-Rolling stock	75	\$29,417,116
6.1	24	\$10,375,000
6.2	19	\$7,800,000
6.3	9	\$2,707,116
6.4	23	\$8,535,000
7-Studies	4	\$2,010,000
7.1	3	\$1,010,000
7.2	1	\$1,000,000
Grand Total	123	\$139,710,586

Table 1 Summary of all IP-5 components as of May 2025

Row Labels	Count of Approved Projects	Sum of Approved Budget
Hudson	64	\$80,995,972
Akulivik	5	\$7,420,000
Inukjuak	11	\$14,805,000
Ivujvik	3	\$3,362,594
Kuujjuaraapik	5	\$21,930,000
Puvirnituq	16	\$10,691,000
Salluit	15	\$19,330,000
Umiujaq	9	\$3,457,378
N/A	3	\$1,710,000
Kativik Region	3	\$1,710,000
Ungava	56	\$57,004,614
Aupaluk	8	\$17,887,144
Kangiqualujuaq	9	\$4,670,000
Kangisujuaq	9	\$7,850,000
Kangirsuk	7	\$11,305,000
Kuujuaq	14	\$7,497,470
Quaqtaq	6	\$5,825,000
Tasiujaq	3	\$1,970,000
Grand Total	123	\$139,710,586

Table 2 Distribution of approved projects and budgets by NV as of May 2025

APPENDIX 2 – STAFF LIST AND CONTACT INFORMATION

MUNICIPAL PUBLIC WORKS DEPARTMENT EMPLOYEES

Phone: 1-877-964-2961 · Fax: (819) 964-0306

Hossein Shafeghati	hshafeghati@krg.ca extension 2322	Director - Administration and management of the Department
Cindy Koneak	extension 2355	Administrative Technician
INFRASTRUCTURE DIVISION		
Alain Tourigny	atourigny@krg.ca extension 2362	Assistant Director – Infrastructure Division - Administration and management of the Infrastructure Division and Technical Assistance Program
Project Managers		
Constance Obiuto Nwankwo	Conwankwo@krg.ca extension 2354	Water and wastewater infrastructure- Ungava Coast <ul style="list-style-type: none"> • Water Plant and sewage lagoon maintenance, construction & renovation • Drinking water quality management
Amar Djedid	adjedid@krg.ca extension 2430	Civil projects (roads, bridges, drainage, paving)
Iheoma Nkwoji	inkwoji@krg.ca extension 2380	Water and wastewater infrastructure- Hudson Coast <ul style="list-style-type: none"> • Water Plant and sewage lagoon maintenance, construction & renovation • Drinking water quality management
Christian Dostie	cdostie@krg.ca extension 2430	Road/paving projects and Rolling Stock
Ahmed ElMallah	aemallah@krg.ca extension 2358	Building Infrastructure Projects
Chiagozie Victor Oraeki	VOChiagozie@krg.ca extension 2419	Project Manager Infrastructures
Vacant, four (4) positions		Project Managers
Project and Program Controls		
Eduardo Olguin Diaz	eolguind@krg.ca extension 2259	Project and Program Controller
Vacant, one (1) position		Controllers
Technical Assistance Program		
Alfred Nikiema	anikiema@krg.ca Extension 2260	Technical Assistant Program (TAP) Coordinator
Boris Evans Ouedraogo**	beouedraogo@krg.ca	Assistant Coordinator (TAP)
Heavy Equipment Mechanic Instructors		
Eric Ouellette	eouellette@krg.ca	Mechanics Instructors (Nunavik rotation)
Matthew Murray	mmurray@krg.ca	Assistance/on-the-job training to municipal mechanics
Walid Hazzit**	whazzit@krg.ca	Assistance and on-the-job training to municipal operators
Water Plant Maintenance Instructors		
Ernest Baas	ebaas@krg.ca Extension 2377	Water Plant Instructor / Team Leader - Kuujuaq
Frank Stevens	fstevens@krg.ca	Rotation – Ungava Coast
Patrick Desteredjian	pdesteredjian@krg.ca	Rotation – Hudson Coast
Vacant	1 position	

* Temporarily out of office

** New team member

*** New Position

BUILDING MAINTENANCE DIVISIONmaintenance@krg.ca

Watson A. Fournier	wafournier@krg.ca Extension 2364	Assistant Director – Building Maintenance Division - Administration & Management of the Maintenance division
Rebecca Jones	rjones@krg.ca extension 2391	Administrative Technician
Kuujuaq Maintenance Crew		
Adamie Johannes	ajohannes@krg.ca Extension 2361	Assistant Coordinator (Maintenance)
David Paris	dparis@krg.ca	Maintenance Tech
Marco Couture	mcouture@krg.ca	Maintenance Tech
Maxime Dupont	mdupont@krg.ca	Electrician
Miguel Simard	msimard@krg.ca Extension 2378	Construction Coordinator (CCQ)
Mput-Ankas Mukubu	AMukubu@krg.ca Extension 2375	Coordinator (Maintenance)
Yvan Morin	YMorin@krg.ca	Building Tech - Plumber
Kuujuaq Operations Crew		
Alexandre Gagné	agagne@krg.ca Extension 2208	Shipper - Receiving clerk
Dave Parsons	dparsons@krg.ca Extension 2216	Vehicle Fleet technician
Johnny Kudluk	jkudluk@krg.ca	Labourer, Messenger
Joshua May	jmay@krg.ca	Labourer, Messenger
Musthafa Jeffeer	mjaffeer@krg.ca Extension 2378	Coordinator- Operational Services
Noah Angnatuk	nangnatuk@krg.ca	Labourer, Messenger
Robert Ekomiak	rekomiak@krg.ca Extension 2381	Warehouse Storekeeper
Sammy Munick	smunick@krg.ca	Labourer, Messenger
Nunavik Maintenance Crew		
André Cornellier	acornellier@krg.ca Extension 2373	Coordinator
Alain Turcotte	aturcotte@krg.ca	NV Building Technicians (Nunavik)
David Gauthier	davgauthier@krg.ca	Building Maintenance Tech (Plumber)
Dean McDavid	dmcdavid@krg.ca	Building Technician Instructor
Denis Lafreniere	dlafreniere@krg.ca	HAVAC (Rotation)
Eric Chamberland	echamberland@krg.ca	Maintenance of KRG buildings (police stations, airport terminals and garages, office buildings, staff housing) and Childcare centers
Fernand Lebreux	flebreux@krg.ca	CCQ Carpenter (Rotation)
Francois Bonhomme		Maintenance Tech (Rotation)
John Coady	jcoady@krg.ca	Electrician (Rotation)
John Chocholacek	Jchocholacek@krg.ca	Maintenance Tech (Rotation)

* Temporarily out of office

** New team member

*** New Position

Kevin LeBlanc	osimard@krg.ca	Civil Work Construction Foreman
Maxime Mirault	mmireault@krg.ca	CCQ Carpenter (Rotation)
Martin Beauvais	mbeauvais@krg.ca	CCQ Carpenter (Rotation)
Olivier Lavoie	olavoie@krg.ca	CCQ Carpenter (Rotation)
Olivier Simard	osimard@krg.ca	CCQ Carpenter (Rotation)
Reid Renouf	rrenouf@krg.ca	CCQ Carpenter (Rotation)
Rodney Vezina	rvezina@krg.ca	Maintenance Tech (Rotation)
Stephane Brusseau	sbrusseau@krg.ca	CCQ Plumber (Temporary Replacement)
Stephane Vezeau	svezeau@krg.ca	Civil Work Foreman
Tyler Welsh	twelsh@krg.ca	Maintenance Tech (Rotation)
Yves Lapointe	ylapointe@krg.ca	CCQ Carpenter (Rotation)
Vacant – 2 positions		Assistance/on-the-job training for NV buildings (water plants, arenas, community centers, swimming pools) to municipal building technicians, etc.