



MUNICIPAL PUBLIC WORKS Department

ACTIVITY REPORT June to September 2025

The Municipal Public Works Department assists the Northern Villages (NVs) 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 NVs, 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 NVs 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	33 weeks
Kangihsualujuaq	95%	92%	82%	95%	100%
Kuujuaq	98%	98%	98%	100%	100%
Tasiujaq	81%	87%	88%	91%	97%
Aupaluk	79%	90%	92%	98%	94%
Kangirsuk	84%	96%	88%	81%	70%
Quaqtaq	65%	96%	82%	88%	45%
Kangihsujuaq	93%	88%	80%	93%	88%
Salluit	91%	71%	92%	95%	100%
Ivujivik	63%	98%	98%	77%	18%
Akulivik	49%	85%	74%	88%	73%
Puvirnituaq	77%	75%	66%	88%	73%
Inukjuak	86%	73%	90%	88%	94%
Umiujaq	79%	85%	60%	84%	45%
Kuujuarapik	98%	98%	96%	100%	97%
Average Nunavik	81%	89%	85%	91%	79%

Sampling results:

- Weekly Colilert report:
 - We are at 78%, 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 NVs;
 - 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 NVs and technical challenges, including frozen pipes. Efforts are currently underway to support the newly hired operators in these NVs through ongoing on-the-job training.
- Monthly treated water microbiology:
 - The drinking quality assurance portion of the Ministry's program (CEAEQ) for the Nunavik region was previously handled by Kuujuaq Hospital. Since they are no longer able to provide this service, the analysis is now being carried out by Bureau Veritas in Montreal;
 - At this time, sampling kits are sent monthly to each water plant, and operators are responsible for sending the samples back to Montreal.
- Physical and chemical testing of raw and treated water:
 - The third sampling campaign for the year, Q3, is almost completed. Samples have been received by eight communities (Kuujuaq, Tasiujaq, Aupaluk, Kangirsuk, Salluit, Ivujivik, Akulivik, and Kuujuarapik).

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 user experiences in communicating water and sewage service needs. The integrated system will provide KRG and NVs with valuable data to identify focus areas required for improvement. It can also help with 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.
- **Kangiqsualujuaq**
 - Investigation – Leaks in the pipeline; leak detection device delivered (ongoing);
- **Kangirsuk**
 - Replacement of chlorine skid (process ongoing);
 - Repair heating in the pumping station and water plant;
- **Quaqtac**
 - Successfully assisting NV to manage frozen pipeline and hydraulic spill in the lake;
 - Purchased a floating raft pump for alternative raw water extraction in emergencies;
- **Kangiqsujuaq**
 - Troubleshooting the pipeline and leak detection in progress;
- **Ivujivik**
 - Repairing the split pipe joint and re-establishing the raw water supply;
 - Assisting NV with the temporary operation of the plant and training the new operator;
 - Troubleshooting UV power supply, internet connection, and control systems;

- Puvirnitug

- The temporary raw water pipeline was fine-tuned and has been in operation since;
- Design works for a permanent fix to the pipeline are completed, and materials are ordered. Works planned to be completed in September;
- MPW, in collaboration with Puvirnitug, is participating in an audit conducted by the government of Quebec to review the recent water issues experienced this spring in the Village. MPW is coordinating with the Village, the DGO, and the Government to identify strategies for future prevention of similar incidents through collective effort.

- Umiujaq

- Replacement of chlorine skid – production completed; expected to deliver and install in Fall 2025;

- Rolling Stock – vehicles and heavy equipment

- This year's heavy equipment acquisition processes are completed, and sealift deliveries have been made to the relevant NVs. Additional deliveries are expected with the last boats;
- Ten (10) NVs were visited by mechanic-instructors, assisting with repairs and follow-up of preventative maintenance.

NVs are reminded to improve communication with MPW 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 \$153.8 million to KRG to invest in NV infrastructure projects and studies, and to manage the program.

To date, 135 projects and budgets worth \$152M have been voted on and are in progress, representing 99.2% of the total envelope. \$1.25M remains, split between roads (\$142.5K) and rolling stock (\$88.5K), leaving \$19K available for all other infrastructure. Please see Appendix 1 for more details.

Component 1 – Drinking water infrastructure

- **Aupaluk**
 - Blasting works completed;
 - Reservoir material delivered to the site;
 - Foundation and other civil works started with an expected completion date in Fall 2026;

- **Quaqtaq**
 - CFT for purchase of heat trace cable completed, and cable in production, with shipping date expected in October;
 - Engineering works in progress for installation work;

- **Kangirsuk**
 - Heat trace cable installation contract awarded, and work to commence this summer
 - Loading arm for water plant installed;
 - HVAC maintenance for water plant is 100% completed;

- **Salluit**
 - Intake upgrades: engineering works in progress to design; expected to be completed before the end of the year;

- **Ivujivik**
 - Contract awarded for the addition of an enclosed porch at the entrance of the water plant and pumping station. Construction is planned upon the arrival of the last sealift;

- **Akulivik**
 - Construction commenced for the expansion of the treated water reservoir, with an expected completion date in March 2027;

- **Kuujjuaraapik**
 - Project to upgrade control and automation system substantially completed, and defect remediation is in progress;

- **Ivujivik, Puvirnitug, and Inukjuak process, heating, and pipeline improvements:**
 - Intake upgrades: engineering works in progress to design; expected to be completed before the end of the year.

Component 2 – Wastewater and stormwater infrastructure

- **Kangirsuk**
 - Studies on wastewater pumping station ongoing; if proven feasible, construction will be planned in the next phase of the program;
- **Kangiqsujuaq**
 - Construction resumed and is expected to be completed by November 2026;
- **Salluit**
 - Repair of freeze protection system partially completed; remainder will require redesign, ongoing by engineering consultants;
- **Inukjuak**
 - Project involves repair to lagoon system: investigations and surveying in progress to design optimum solution;
- **Umiujaq**
 - CFT for the installation of membranes launched for the third time, awaiting results; construction works are expected to be completed this year.

Component 3 – Municipal service infrastructure

Project requests received, and evaluations are ongoing to prioritize and select projects per the approved selection criteria

- **Quaqtaq**
 - Municipal office emergency renovations: construction started and expected to be completed by the end of November 2025.

Component 4 – Waste management

- **Inukjuak**
 - Design for Phase 2 of the new landfill is ongoing, to be completed in September 2025; construction to be done in Phase 6.

Component 5 – Local road infrastructure

- **Kuujjuaq**
 - Design activities in progress for grade and drainage improvement of Area A and new road construction in Area B of the latest development areas per the approved Master Plan;
- **Aupaluk**
 - Widening of the road adjacent to CLC for better access to new housing units was completed;
- **Kangirsuk**
 - For the crossing over Tasialup Creek to access a new solid waste site, a biological study was completed to reapply for permits; Certificate of Authorization is still pending from MELCCFP; however, CFT is launched for construction works in 2026;

- **Akulivik**
 - Access road to the 2024 new housing development area under construction and expected to be completed in Fall 2025;
- **Puvirnitug**
 - The new burrow pit road:
 - Staking out by a land surveyor completed
 - Call for tenders launched for the purchase of granular material to start construction;
- **Kuujjuarapik**
 - Widening and improvements of road to new solid waste site: Construction in progress, with 75% of works expected to be completed in 2025 and final completion in 2026
 - Paving of three interior streets: Engineering works completed, and call for tenders launched; awaiting bids;
- Planning activities for new housing development projects in all NVs are ongoing in collaboration with the Land Use Planning Section of the 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 agreed criteria. Accordingly, several calls for tenders have concluded, and orders have been placed based on approved eligibility criteria;
- A total of 81 new equipment purchases and overhauls with a budget of \$33.75 million have been initiated, and deliveries are in progress, expected to be completed by Summer 2026;

Note: The equipment purchased under this program are solely for the purpose of municipal projects and services within the municipal boundaries, and are not meant for renting to contractors and other organizations for non-municipal projects.

PIVALLIUTIIT 5

– First Nations and Inuit Relations Secretariat, 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, establishing or expanding 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.

- **Kangiqualujuaq Arena**
 - See PAFIRS section below;
- **Tasiujaq New Playground**
 - Call for tenders concluded; contract awarded for construction completion in Fall 2026;
- **Tasiujaq Arena**
 - Immediate fire damage remediation work completed;
 - Renovation works in progress, to be completed by the end of Fall 2025;
- **Kuujuaapik, rehabilitation of St. Edmund Church**
 - Construction contract awarded after successful call for tenders (4th iteration) and works started, expected to be completed by the end of Fall 2025;
- **Kangiqualujuaq Community Center Renovation**
 - Renovation works commenced, and planned completion is late summer 2026.

FUEL EXCISE TAX PROGRAM (TECQ) PROGRAM – Phase 5

Phase 5 of the program spans from March 2024 to March 2028 with a total envelope of \$11.1M covering infrastructure projects. This program does not provide any revenues for KRG, and 100% of the envelope is invested in NV projects.

- **Puvirnituk Municipal Garage (Depot) Construction**
 - Site selection in progress;
- **Inukjuak Arena Renovation (Collaboration with Makivik)**
 - CFT concluded with over-budget bids. Professionals are reducing the scope of work, while the NV is applying for long-term financing.

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.

- **Kangiqualujuaq Arena Renovation**
 - o Construction is ongoing and planned to be completed by the end of 2026;
- **Kangirsuk Community Center Renovation and Expansion**
 - o Call for tender in progress and construction expected to take place in 2026 and 2027, subject to compliance of received bids;
- **Quaqtaq Arena Renovation**
 - o Professional services are ongoing, with construction taking place in 2026 and 2027, subject to compliance of received bids;
- **Umiujaq Community Center Renovation**
 - o Professional services ongoing, with construction to take place in 2026 and 2027, subject to compliance of received bids.

PROJECT MANAGEMENT FOR OTHER KRG DEPARTMENTS

Fire Halls (Civil Security Department)

- **Tasiujaq, Kangirsuk, Quaqtac, and Akulivik:** Works fully completed;
- **Salluit:** Construction is scheduled to be substantially completed in December 2025.

Nunavik Police Services

- **Puvirnituc and Inukjuak (New Police Stations)**
 - o Revised cost estimates provided to NPS for budget negotiation with the Government of Québec;
- **Akulivik (Emergency Power Generation)**
 - o Contract awarded, expected delivery and installation in Summer 2026.

KRG HOUSING PROJECTS

- Major renovation to houses #638 delayed until next year due to asbestos contamination issues;
- Major renovations and structural remediations ongoing in #2163, and engineering design ongoing for #2161;
- New staff housing projects:
 - o Construction of two multiplex buildings with a total of 34 apartments
 - o Design works at 90% progress
 - o Call for tenders is expected to launch in September 2025.

KRG BUILDING MAINTENANCE

- MPW Maintenance Section maintains KRG's 164 buildings in 14 NVs. 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 Replaced furnaces in 7 Bo-plex houses; minor defect to correct in September ;
- Operational Services are improving their performance under a new coordinator.
- **KRG Office Kuujuaq**
 - o Planning and work were done to renovate the DGO offices. Administration is managing the renovation of the reception area of the DGO with technical assistance from MPW;
 - o KRG Office HVAC & BAS Upgrade Design is at 95% completion, CFT planned for September 2025 with construction in 2026.
- **KRG Warehouse Expansion Project**
 - o Design is 95% complete, CFT in September 2025, with construction in 2026 and 2027, subject to compliance of received bids.
- **Construction Section (CCQ)**
 - o CCQ has work crews in the NVs during the summer and fall, working on a range of projects, including:

- **Kuujjuaraapik** – renovation of staff units #1162 & 1198 will be completed in January 2026;
- **Inukjuak** – replacement of windows and installation of protective screens in completed;
- **Puvirnituk** – renovation of staff units #715-717 will be completed in October;
- **Salluit** – renovation to NPS station and staff units #351-353 will only be completed next year due to severe damage to the crawl spaces. Renovation to the staff unit #584-586 will be completed in October;
- **Kangiqsujuaq** – renovation to staff unit #45 will be completed in October;
- **Quaqtaq** – renovation to NPS station and staff unit #743 will be completed in October;
- **Kuujjuaq – plumbing renovations in #662-5** will be completed in September, and #662-6 in January 2026.

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

Summary of all IP-5 components		
Component	Count of Approved Projects	Sum of Approved Budget
1-Drinking water infrastructure	14	\$55,195,000
1.1	6	\$26,450,000
1.2	6	\$19,995,000
1.3	2	\$8,750,000
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	\$1,646,000
3.1	1	\$990,000
3.2	1	\$656,000
4-Waste management infrastructure	1	\$8,050,000
4.1	1	\$8,050,000
5-Local road infrastructure	26	\$48,857,470
5.1	25	\$43,557,470
5.2	1	\$5,300,000
6-Rolling stock	84	\$33,752,812
6.1	24	\$10,375,000
6.2	19	\$7,800,000
6.3	9	\$2,707,116
6.4	32	\$12,870,696
7-Studies	4	\$2,010,000
7.1	3	\$1,010,000
7.2	1	\$1,000,000
Grand Total	135	\$152,591,282

Table 1. Summary of all IP-5 components as of August 2025

Row Labels	Count of Approved Projects	Sum of Approved Budget
Hudson	68	\$85,032,972
Akulivik	6	\$11,152,000
Inukjuak	11	\$14,805,000
Ivujvik	3	\$3,362,594
Kuujuaraapik	6	\$22,340,000
Puvirnituq	18	\$10,521,000
Salluit	15	\$19,330,000
Umiujaq	9	\$3,522,378
N/A	3	\$1,710,000
Kativik Region	3	\$1,710,000
Ungava	64	\$65,848,310
Aupaluk	9	\$24,510,419
Kangiqualujuaq	9	\$4,670,000
Kangisujuaq	10	\$6,078,421
Kangirsuk	9	\$10,225,000
Kuujuaq	18	\$12,689,470
Quaqtaq	6	\$5,705,000
Tasiujaq	3	\$1,970,000
Grand Total	135	\$152,591,282

Table 2. Distribution of approved projects and budgets by NV as of August 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	Ckoneak@krg.ca 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		
Amar Djedid	adjedid@krg.ca extension 2430	Civil projects (roads, bridges, drainage, paving)
Bilal Al-Muhtadi	balmuhtadi@krg.ca	
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	aelmallah@krg.ca extension 2358	Building Infrastructure Projects
Chiagozie Victor Oraeki	VOChiagozie@krg.ca extension 2419	Project Manager Infrastructures
Vacant, four (4) positions		Infrastructure Project Managers
Project and Program Controls		
Eduardo Olguin Diaz	eolguind@krg.ca extension 2259	Project and Program Controller
Nastaran Shirani TakAbi	NShiraniTakAbi@krg.ca	Project and Program Controls Specialist
Civil Works Instructors		
Dean McDavid	dmc david@krg.ca	
Kevin Leblanc	k leblanc@krg.ca	Civil Works Supervisor/Instructor
Stephane Vezeau	s vezeau@krg.ca	
Technical Assistance Program		
Alfred Nikiema	anikiema@krg.ca Extension 2260	Technical Assistant Program (TAP) Coordinator
Boris Evans Ouedraogo	beouedraogo@krg.ca extension 2423	Assistant Coordinator (TAP)
Vacant***		Public Engagement Project Manager
Vacant***		Diesel Generator Maintenance Instructor
Vacant***		Industrial Electricity, Instrumentation, and Controls Instructor
Vacant***		Road Network & Safety Planner

* Temporarily out of office

** New team member

*** New Position

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	

Water Plant Maintenance Instructors

Ernest Baas	ebaas@krg.ca Extension 2377	Assistance and on-the-job training to municipal operators Water Plant Instructor / Team Leader - Kuujuaq
Frank Stevens	fstevens@krg.ca	Water Plant Operations and Maintenance Instructor (Rotation – Ungava Coast)
Patrick Desteredjian	pdesteredjian@krg.ca	Water Plant Operations and Maintenance Instructor (Rotation – Hudson Coast)
Martin Gendron	mgendron@krg.ca	Water Plant Operations and Maintenance Instructor (Rotation temporary)
Vacant		Water Plant Operations and Maintenance Instructor (Rotation)

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

Miguel Simard	msimard@krg.ca Extension 2378	Construction Coordinator (CCQ)
Mput-Ankas Mukubu	AMukubu@krg.ca Extension 2375	Coordinator (Maintenance)
David Paris	dparis@krg.ca	Maintenance Tech
Marco Couture	mcouture@krg.ca	Maintenance Tech
John Chocholacek	jchocholacek@krg.ca	Maintenance Tech (Rotation)
Maxime Dupont	mdupont@krg.ca	Electrician
Vacant		Building Tech - Plumber

Kuujuaq Operations Crew

Musthafa Jaffeer	mjaffeer@krg.ca Extension 2378	Coordinator- Operational Services
Alexandre Gagné	agagne@krg.ca Extension 2208	Shipper - Receiving clerk
Anthony-Todd Ikey	atikey@krg.ca	Labourer, Messenger
Dave Parsons	dparsons@krg.ca Extension 2216	Vehicle Fleet technician
Johnny Kudluk	jkudluk@krg.ca	Labourer, Messenger
Joshua May	jmay@krg.ca	Labourer, Messenger
Nkemakonam (Junior) Ugwu**		Warehouse Storekeeper
Noah Angnatuk	nangnatuk@krg.ca	Labourer, Messenger
Robert Ekomiak	rekomiak@krg.ca Extension 2381	Warehouse Storekeeper
Sammy Munick	smunick@krg.ca	Labourer, Messenger

* Temporarily out of office

** New team member

*** New Position

Nunavik Maintenance Crew

André Cornellier	acomellier@krg.ca Extension 2373	Coordinator
Adamie Johannes	ajohannes@krg.ca Extension 2361	Assistant Coordinator
Alain Turcotte	aturcotte@krg.ca	Building Maintenance Technician (HVAC)
David Gauthier	davgauthier@krg.ca	Building Maintenance Tech (Plumber)
Denis Lafreniere	dlafreniere@krg.ca	Building Maintenance Technician (HVAC)
Eric Chamberland	echamberland@krg.ca	Maintenance of KRG buildings (police stations, airport terminals, garages, office buildings, staff housing) and Childcare centers
Fernand Lebreux	flebreux@krg.ca	CCQ Carpenter (Rotation)
John Coady	jcoady@krg.ca	Building Maintenance Technician (Electrician)
Kevin LeBlanc	osimard@krg.ca	Civil Work Construction Foreman
Maxime Mireault	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)
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.
