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Iqaluit Emergency Services Master Plan Council Workshop

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Emergency Management Group
June 2022



Goal of Workshop

- [illegible]

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1. What is a Master Plan and what are the benefits
 2. Legislation and industry trends affecting the IES
 3. Fire protection model
 4. Fire Station Review
 5. Overview of the Hazard Risk & Vulnerability Analysis (HRVA)
 6. Emergency Services Master Plan Recommendations

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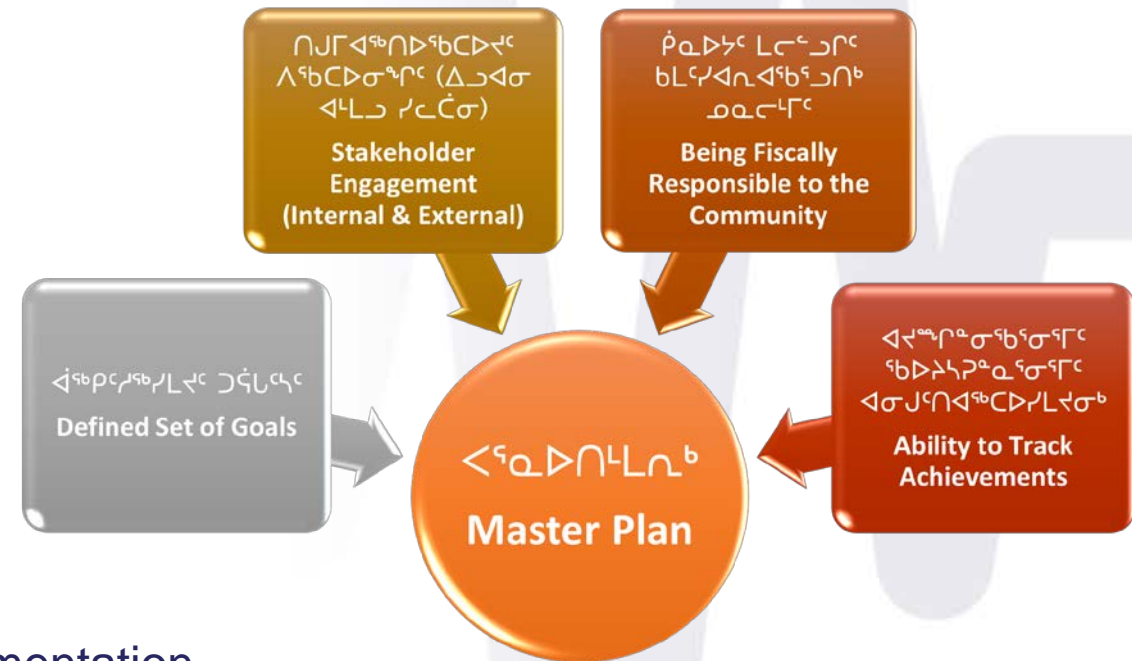
Benefits of Master Planning

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- ርዕሰ ስራዎችን ለማቅረብና ለማስፈጸም ለሚገባው ሰራተኛው ሰው ማዘጋጀት፣
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Key benefits of master planning are:

- Clearer vision of future needs,
- Provides options and budgetary estimates for implementation,
- Prioritization of each project, and
- Ability to communicate the future goals of the organization.



ለጽሑፍ ጽሑፍ ስራ ስፔስ General Scope of Work

<p>A. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ (IES)</p> <p>B. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ</p> <p>C. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ</p> <p>D. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ</p> <p>E. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ</p> <p>F. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ</p> <p>G. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ</p> <p>H. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ</p> <p>I. ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ ለጽሑፍ ጽሑፍ ስራ ስፔስ</p>	<p>A. Governance of the IES</p> <p>B. Staffing needs</p> <p>C. Facilities – conditions</p> <p>D. Apparatus assessment and needs</p> <p>E. Service level standards and evaluation of response data</p> <p>F. Training & Fire Prevention/Pub Ed</p> <p>G. Updating of the existing Master and/or Strategic Fire Plan</p> <p>H. Emergency Planning</p> <p>I. Recommended action plans for strategic priorities</p>
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ለጥራት Process

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Along with assistance and input from staff, we have been able to complete a full review of the department and the services offered through the following steps



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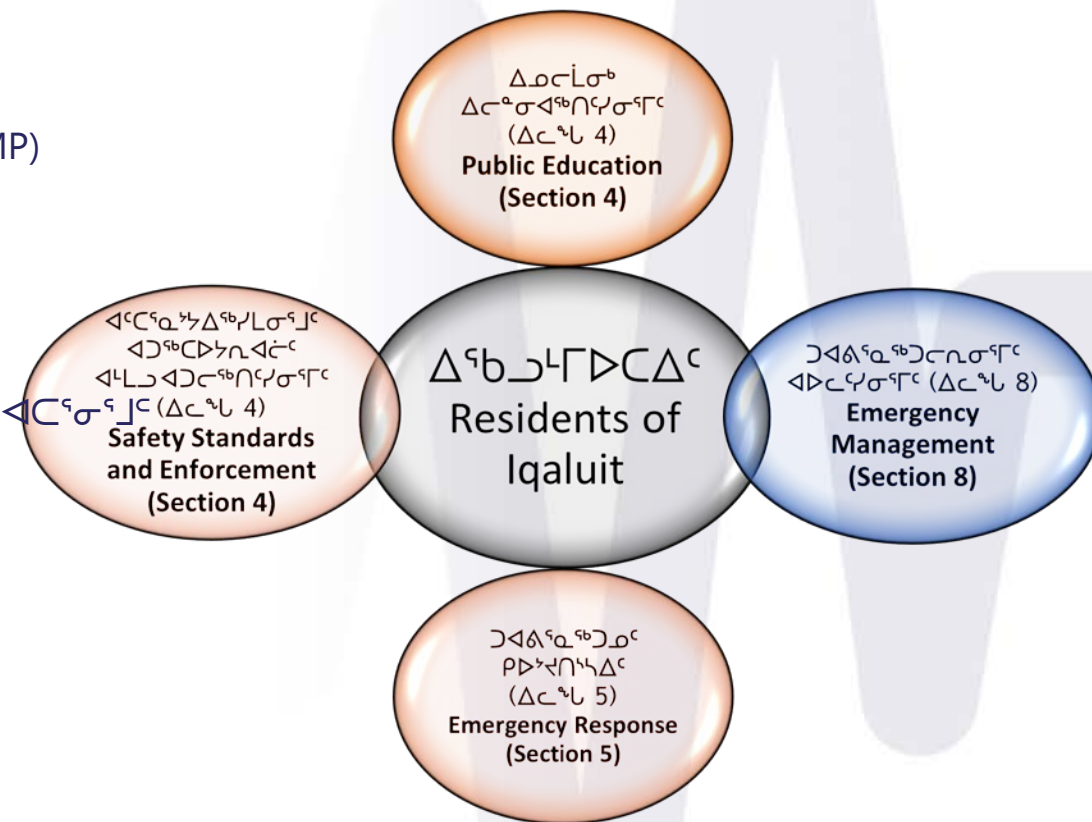
- The OFMEM guidelines,
- National Fire Protection Association Standards – 1201, 1710, 1720, etc.,
- Fire Underwriter's Survey
- Occupational Health and Safety Act
- Municipal standards and regulations
- Council approved policies
- Commission on Fire Accreditation International
- Arbitration Awards

1. $\Delta_{\sigma} \dot{L}_{\sigma} \Delta P^{\sigma} \dot{D}_{\sigma} \dot{\Delta} C^{\sigma} \dot{a}^{\sigma} \dot{\Delta}^{\sigma} \dot{r}_{L\sigma} \dot{J}^{\sigma} \Delta c^{\sigma} \dot{\sigma} \dot{\Delta}^{\sigma} \dot{n}^{\sigma} \dot{r}_{\sigma} \dot{\Gamma}^{\sigma}$
2. $L_{L\sigma} \dot{\sigma}^{\sigma} L_{L\sigma} \dot{r}_{\sigma} \dot{\Delta} \dot{n}^{\sigma} \dot{r}_{\sigma} \dot{\Gamma}^{\sigma} \dot{\sigma}^{\sigma} \dot{\Delta} \dot{\lambda}^{\sigma} \dot{\sigma}^{\sigma} \dot{\sigma}^{\sigma}$
3. $\dot{D} \dot{\Delta} \dot{a}^{\sigma} \dot{\sigma}^{\sigma} \dot{D} \dot{c}_{L\sigma} \dot{J}^{\sigma} \dot{D} \dot{C} \dot{J} \dot{n}^{\sigma} \dot{C}^{\sigma} \dot{\sigma}^{\sigma} \dot{J}^{\sigma} \dot{\Delta} \dot{r}^{\sigma} \dot{\sigma}^{\sigma} \dot{\sigma}^{\sigma} \dot{r}^{\sigma}$

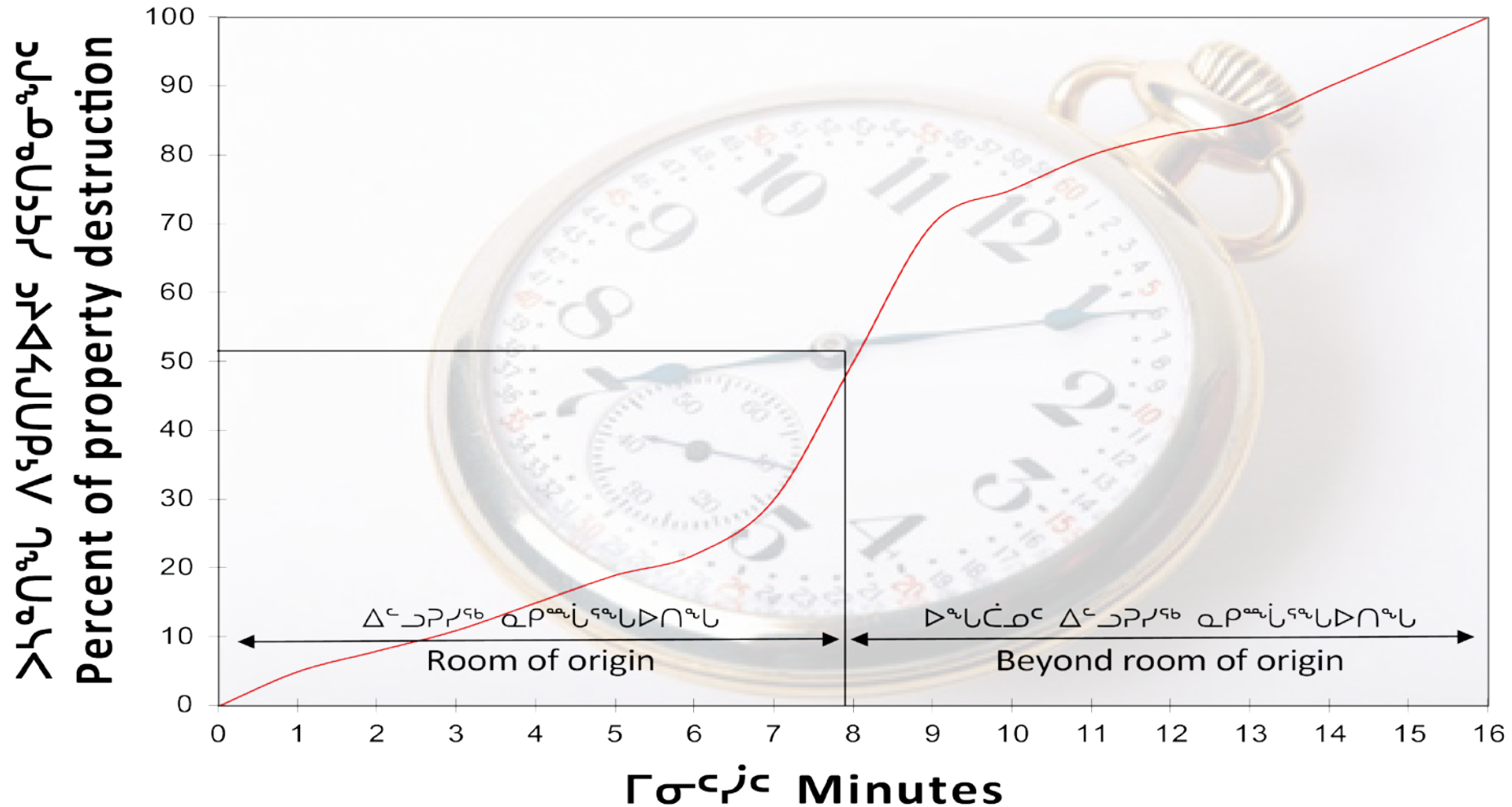
4. $\supset \Delta^a \mathbf{a}^b \supset \neg \mathbf{a}^c \supset \Delta \supset \mathbf{c}^c \supset \mathbf{c}^c$

1. Public Fire Safety Education
2. Code Enforcement Through Inspections
3. Emergency Response Capabilities

4. Emergency Management



ΔΡ^εΩ^ε Δ^ερ^εδ^ερ^ε/Λ^ερ^εΩ^εΔ^ερ^εσ^ε CALAN^ερ^εΔ^ερ^εσ^ε Fire Behavior/Propagation Curve

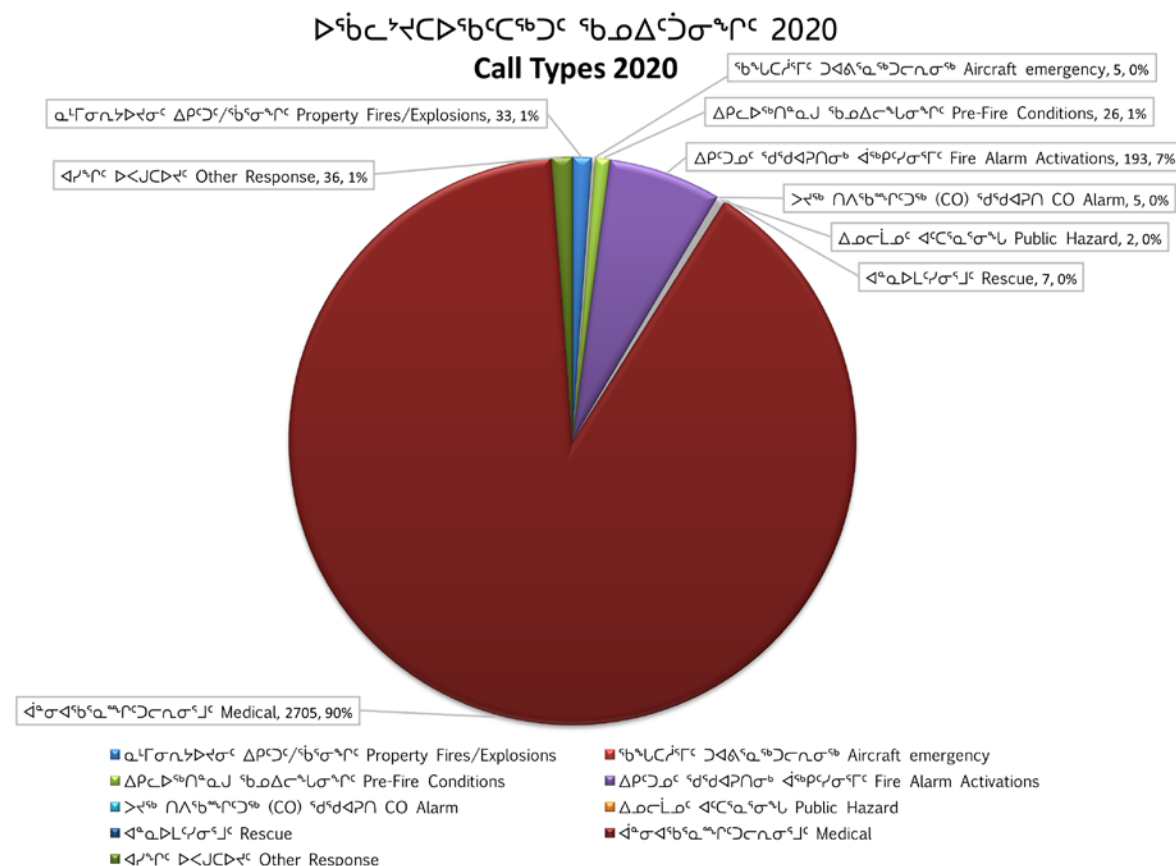




Response Data



Responses with and without EMS Calls





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Fire Station

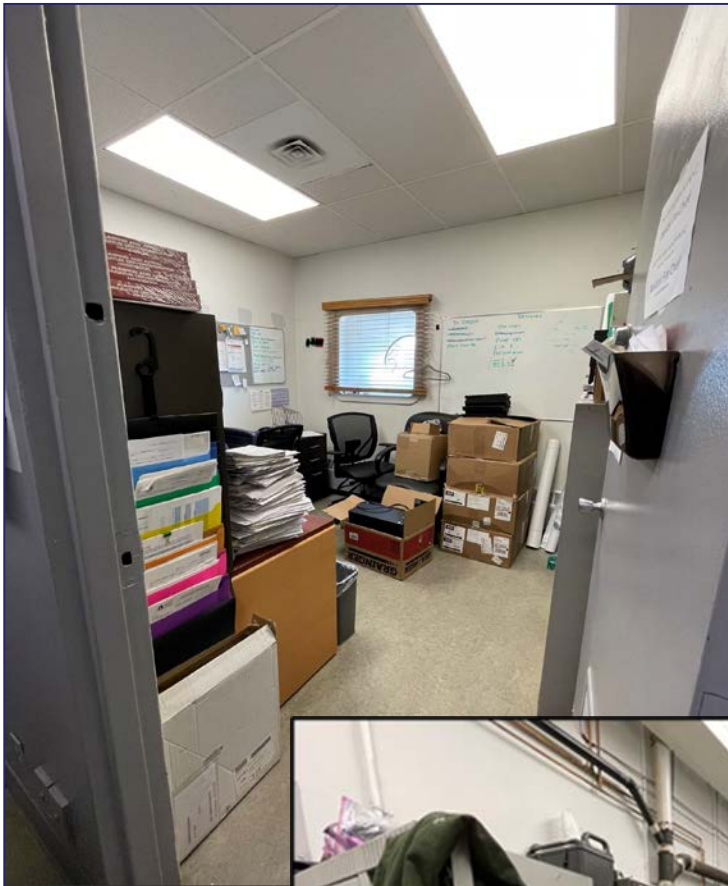


Emergency Management Group⁺

Space for Vehicles and Staff is at a premium



ՖԵՈՒՔԱՓԸ ԴԼՆՈՐ Fire Station Concerns



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Iqaluit Emergency Services Fleet

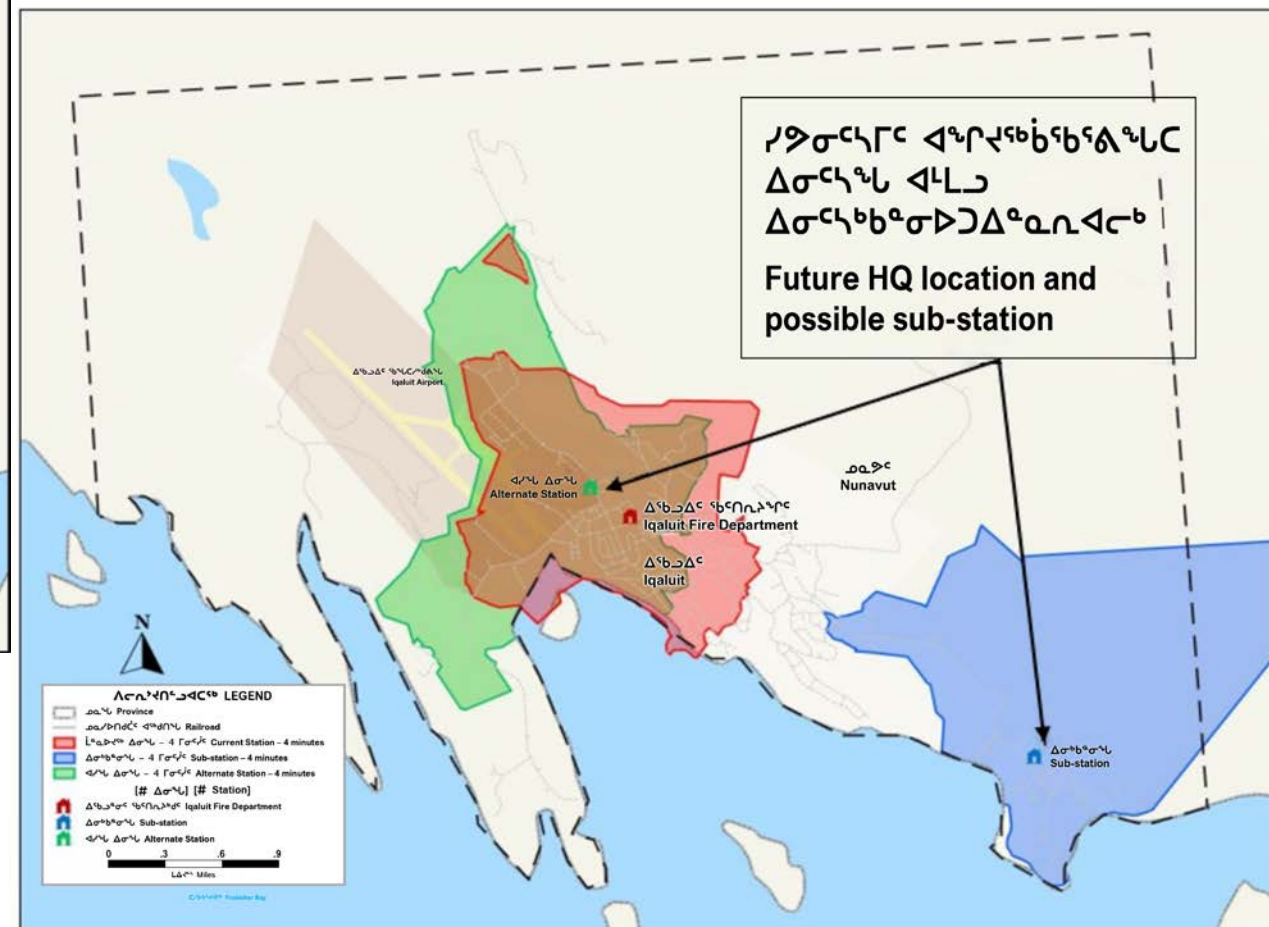
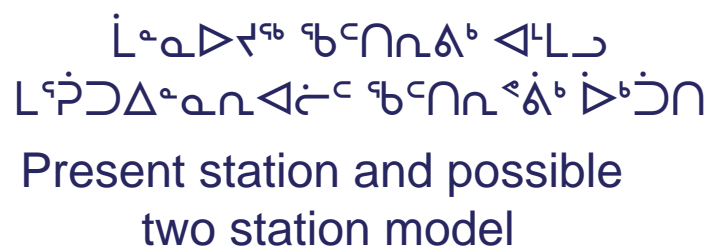


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ᐱᐅᖃᑕᐅᑦᑕᑦ ᐱᐅᖃᑕᐅᑦᑕᑦ ᐱᐅᖃᑕᐅᑦᑕᑦ

Some of the fleet vehicles are aging and in need of replacement

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(HRVA)

Hazard Risk & Vulnerability Analy
(HRVA)

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- ልዩነቶችን ማረጋገጥ አስተማማኝ የሆኑ መረጃዎችን በመጠቀም ለአደጋ ምርመራና ለመቼት ስልጣን ማስጨበጥ
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- The HRVA made recommendations relating to:
- The bodies of water in the area for water safety education and rescue operations
 - Lack of fire protection equipment at the fuel tank farm
 - More public awareness relating to fire safety education
 - Fire safety education relating to campgrounds
 - IES should assume all fire prevention/public education responsibilities for the community

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የጥገና ማዘጋጀት (ESMP) ለጥገና
Emergency Services Master Plan (ESMP) (Recommendations)

- A new fire station is needed to meet the growing needs of the IES
 - All vehicles and equipment should be housed in one facility. To have trucks at outlying areas, only increases the response capabilities of the IES
- The possibility of a sub-station staffed by VFF's for response in the Apex area should be considered to better meet the needs of this area of the community
- More defined evaluation of response data and expectations is required
- More full-time or greater utilization of the volunteer firefighters is needed

- Recommended that more full time staff be hired to ensure a more viable response level.
 - With 5 on a shift – vacation/time off/illnesses; most of the time there are only 3 on duty with 2 having to respond to frequent ambulance calls
- Succession planning for the divisions be evaluated to ensure that trained/certified staff are in place to take over when a retirement occurs or a position becomes vacant for other reasons
- Promote recruitment and retention of the VFF's to ensure a healthy level of volunteer response within Iqaluit
 - Focus on increasing levels of Inuit employment wherever possible (Nunavut Agreement Article 23)

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Staff (continued)

- Review of staffing goals and expectations for all divisions to ensure that present staffing levels can meet the noted expectations
 - Fire Suppression/Ambulance
 - Communications/Dispatching
 - Training division
 - Fire Prevention division
 - Administration division
- Implement a stipend pay for the volunteers – may create a more dependable response and increase retention of volunteers

Recommendations

Recommendations

- The EOC is located at City Hall with no emergency power capability – this needs to be addressed.
- The present location for the secondary EOC is on the second floor of the fire station, this should be relocated to a new facility so that its design will better meet the needs of an EOC
- The plan needs to be exercised on an annual basis. It has been years since this was completed.

Emergency Operations

- The EOC is located at City Hall with no emergency power capability – this needs to be addressed.
- The present location for the secondary EOC is on the second floor of the fire station, this should be relocated to a new facility so that its design will better meet the needs of an EOC
- The plan needs to be exercised on an annual basis. It has been years since this was completed.

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Next Steps

- የጥንቃቄ ስራ ለማሳካት የሚያስፈልጉትን ስራዎች ለማድረግ
- በጥንቃቄ ስራው ላይ ለማሳካት የሚያስፈልጉትን ስራዎች ለማድረግ
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- Review the recommendations and create a plan for moving forward
- Document the implementation and completion of the recommendations
- Track level of improvement based on:
 - Response times
 - Staff training and retention
 - Reduction in fire occurrences due to a more focused fire prevention/public education plan

- [illegible]

It must be noted that during our assessment it was quite evident that:

- The Iqaluit Emergency Services is made up of a group of dedicated, professional personnel who are committed to improving their level of service provision to meet the needs of the community.
- We would like to thank everyone who assisted in the development of this and the ESMP.

HRVA

ደጋፊ – ለጥያቄዎቻችን? Thank You Questions?

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የጥገናና ምርመራ ልማት ኃላፊ

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