



Title 9 Minor Use Permit No.: 104-03-22
Date of Issue: September 13, 2021
Permit Expires: December 31, 2022

Permit Issued By:

Northwest Arctic Borough
Planning Department
c/o John Chase
PO Box 1110
Kotzebue, AK 99752
Tel 907.442.8212 / 800.478.1110 extension 112
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APPROVED

Permittee:

GCI Communication Corp
2550 Denali St., Ste 1001
Anchorage, AK 99503
Tel 800.800.4800
www.gci.com

Permittee Contact Information:

Amy Mayfield
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Project Description:

The GCI Communication Corp (GCI) plans to construct a gravel pad and erect a satellite near the clinic in the community of Deering ('Placement of fill in a wetland, less than once acre' and 'Placement of communication equipment' are Minor Uses in the Village Zone). The three main components of this project are the property, the pad, and the satellite and mount. The antenna is being installed to bring better internet service to the clinic.

The project is expected to start September 2021 and be completed by September 2021. Specific details of the project are contained in the permit application (22-02-104) submitted by GCI to the Borough Planning Department. The application and supporting documents are incorporated into the Borough's administrative record. Project Activities are summarized below.

Project Location:

The lot for this proposed project is located at Township 8 North, Range 19 West, Section 20, Kateel River Meridian within the community of Deering, near the Maniilaq Clinic. The project is located in the Village District. The project location is east of the clinic's shop. The proposed pad location is on NANA Regional Corporation land.

'Placement of fill in a wetland, less than one acre':

An estimated 350 cubic yards of gravel will be brought in by barge. The 30 foot by 30 foot (30' x 30') pad will be constructed to the same grade as the clinic's pad. A ground ring will be placed inside of the gravel pad for grounding the satellite and the fence. A ground lead and flexible conduit will be placed from the center of the pad to the exterior of the clinic. These will both be buried to a minimum depth of 18" (eighteen inches). The pad will have a satellite mount, satellite, and a five foot fence kit placed on top of it. See **Figure 1** below for the pad and satellite location.



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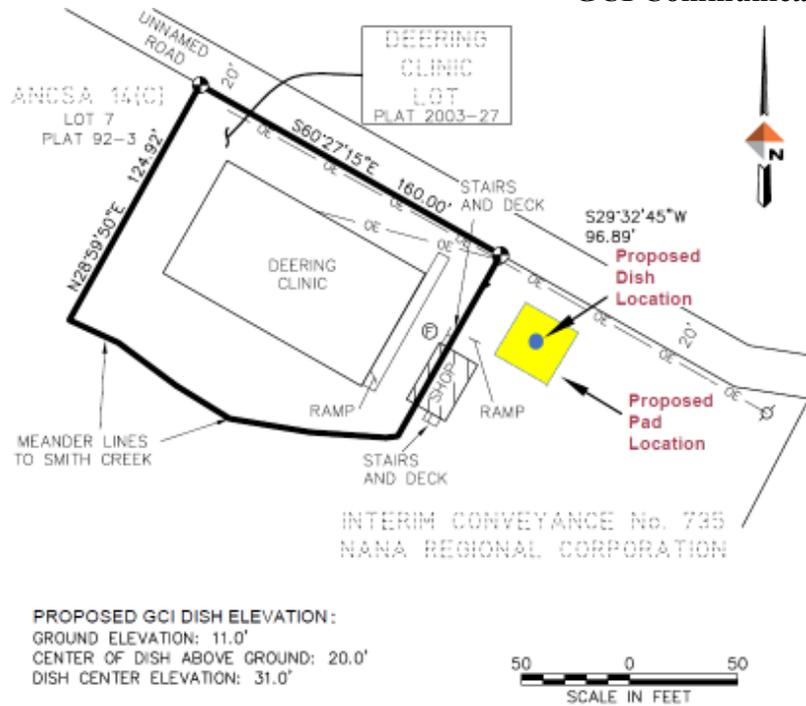


Figure 1. Deering Pad and Satellite location

‘Placement of communication equipment’:

The satellite is a 3.8m c-band satellite antenna that will be placed on top of a Baird non-penetrating mount with a 24 foot by 24 foot (24’ x 24’) footprint. The overall height of the structure, including the mount and the antenna, will be roughly sixteen feet (16’). All the cabling coming off the antenna will run underground through the flexible conduit over to a penetration on the clinic. See **Figure 2** below for a figure of a similar satellite dish.



Figure 2. Satellite dish (similar to proposed)



Permit Authorization and Documentation:

GCI submitted a Title 9 Zoning Permit Application (22-02-104) to construct a gravel pad and erect a satellite near the clinic in a Village Zone on August 23, 2021. On August 30, the Borough Planning Department deemed the application was complete. The Planning Director has the authority to permit ‘Placement of fill in a wetland, less than once acre’ and ‘Placement of communication equipment’ in the Village Zone by Minor Use Permit, pursuant to NABC 9.12.020.

PERMIT FEES:

Placement of fill in a wetland, less than once acre	\$100.00
Placement of communication equipment	\$100.00
TOTAL	\$200.00

Permit Terms and Conditions:

Administrative approval is hereby **GRANTED** to permit ‘Placement of fill in a wetland, less than once acre’ and ‘Placement of communication equipment’ as described, subject to the permit terms and conditions stated herein.

1. The GCI Communication Corp (GCI) shall comply with the terms of the permission, permits and/or agreements granted by the federal government, State of Alaska, NANA Regional Corporation, Northwest Arctic Borough and other applicable agencies.
2. GCI shall comply with any and all applicable local, Borough, state and federal laws. Failure to abide by any part of this permit, or violations of any pertinent Borough ordinances or state or federal law or regulation, will be considered grounds for revocation of the permit or denial of future permit requests and may result in issuance of fines or other penalties. This provision applies to all persons working under the authority of this permit.
3. The Permittee is responsible for ensuring that all employees, contractors, sub-contractors, and any other persons working for the permittee and conducting activities allowed by this permit are familiar with and adhere to the conditions of this permit.
4. GCI is subject to all penalties and civil actions pursuant to NABC 9.08.240 for violation of the permit conditions and stipulations prescribed herein.
5. Uses permitted shall cease upon the discovery of archaeological, prehistoric, historic or cultural resources during the construction activities, and GCI shall immediately contact both the Planning Director at the NAB Planning Department and Alaska State Historic Preservation Office to determine the conditions to continue.



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6. During and after project activities, the permittee must conduct activities in a manner to maintain natural drainage patterns, watershed protection, and permafrost stability, to prevent runoff and erosion into water supplies and to minimize alteration of vegetation.
7. The permittee shall ensure fire safety and emergency access necessary for fire and emergency apparatus and police protection.
8. All project activities shall utilize measures to minimize noise and nuisance affecting surrounding residential properties including excessive noise, fumes, odors, glare, smoke, vibration, dust, litter, interference in any telephone, radio or television receivers, and/or significant line voltage fluctuation.
9. Any development by the project in floodplains and shoreline areas are to be constructed to minimize loss of life or property due to riverine flooding, icing, and stream bank erosion.
10. The Borough recognizes that this area within Deering is periodically subject to flooding that may result in the loss of life and property, health and safety hazards, disruption of commerce and governmental services, and extraordinary public expenditures for flood protection and relief, all of which adversely affect the health, safety and general welfare of Deering residents. The Borough has adopted the necessary regulations of the Federal Emergency Management Agency (FEMA) to enable its communities and residents to participate in the National Flood Insurance Program (NFIP). See NABC 9.25.020.O.

To promote the public health, safety and general welfare by minimizing flood damage and loss and promoting access to disaster relief, the following conditions must be met:

- a. Encourage protection of land uses vulnerable to floods, including public facilities and utilities that serve such uses, against flood damage at the time of initial construction or substantial improvement.
Ensure that those persons who occupy areas of special flood hazards assume responsibility for occupying such flood hazard areas.
- b. All new construction and substantial improvements shall meet the following general standards, as applicable:
 1. Anchoring. All new construction and substantial improvements shall be designed, modified, constructed and adequately anchored to prevent flotation, collapse or lateral movement of the structure; all manufactured homes must likewise be anchored to prevent flotation, collapse or lateral movement.
 2. Construction Materials and Methods. All new construction and substantial improvements shall be constructed with materials and utilize equipment resistant to flood damage and use methods and practices that minimize



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- flood damage, including waterproofing, watertight construction, use of substantially impermeable materials and other construction techniques.
3. Mechanical and Electrical Utilities. Electrical, heating, ventilation, plumbing, and other service facilities shall be designed, constructed and/or otherwise elevated or located to prevent water from entering or accumulating within the components during flooding.
 4. Public Utilities. All new or replacement public utilities such as gas, electric and telephone systems shall be designed or constructed to eliminate disruptions due to flooding and associated hazards.
11. Project equipment/vehicle servicing and fueling operations are prohibited within 100 feet of any surface water body, including any rivers, drainage channels, sloughs and lakes. Equipment and vehicles are to be maintained to eliminate or minimize any fuel spills and fluid leaks. Equipment and vehicles must be monitored prior to use for hydraulic leaks. If equipment is in continuous use, it shall be inspected daily for hydraulic leaks. Project equipment shall not be abandoned.
 12. GCI shall immediately notify the Borough (at least within 24 hours) of any change in the project plans and seek modification of the permit. GCI shall suspend uses until approval is given by the Planning Director/Title 9 Administrator. If the proposed action(s) constitutes an emergency, GCI shall comply with NABC 9.16.040 for emergency actions and shall make reasonable efforts to conduct modified uses in a manner that avoids or minimizes significant harm to the environment, consistent with the need to protect property and human life.
 13. Access by Borough personnel and their agents. Authorized personnel and/or their agents of the Northwest Arctic Borough when on official business and displaying proper identification shall be allowed access to the sites without interference. Borough personnel and/or agents may conduct scheduled or unscheduled inspections or tests to determine compliance with this permit or respond to emergency situations. The Borough may inspect the properties up to 5-years after the permit expires for compliance checking and inspections.
 14. At the completion of the project, the permittee shall file a written report with the Borough Planning Department describing the following:
 - a. A complete report of any fuel or other hazardous substances discharges and clean-up activities completed,
 - b. Other matters as reasonably required by the Administrator/NAB Planning Director.
 15. This permit will expire December 31, 2022, unless revoked by the Title 9 Administrator and/or GCI.



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Permit Approval

NORTHWEST ARCTIC BOROUGH

A handwritten signature in black ink, appearing to read "Eva Harvey", is written over a horizontal line.

Eva Harvey,
Planning Director/Title 9 Administrator

Date: September 13, 2021

CC: City of Deering, Deering IRA Council, NANA Regional Corporation, Maniilaq Association, NIHA, AVEC

Posted at: www.nwabor.org