MAP NOTES

This map was prepared by the Northwest Arctic Borough in cooperation with the Alaska Department of Commerce, Community, and Economic Development, Division of Community and Regional Affairs using funding from the Northwest Inupiat Housing Authority, NANA Regional Corporation, and Maniilaq Association. This map was produced in part with CDBG funds made available through the Department of Commerce, Community, and Economic Development and the US Department of Housing and Urban Development. The Northwest Arctic Borough contracted with Global Positioning Services, Inc. in April of 2013 to prepare the map.

This map should not be construed as a survey. On-site surveys should be conducted prior to engineering or construction. This map was compiled to meet horizontal and vertical accuracy in accordance with national map accuracy standards.

Property and utility information has been generated from readily available sources with limited accuracy checks. Property information is not intended to represent a title search of the Recorders Office record. Utility location is approximate and shows only the main lines. Generally, the information is current as of September 2013. ANTHC provided sanitation facility records.

This map is based on photography acquired on June 12, 2013, at a nominal scale, of 1 in = 800 ft. Quantum Spatial prepared the orthophoto and topographic mapping. The topographic contours were prepared at two (2) foot intervals with index contours every ten (10) feet.

HORIZONTAL AND VERTICAL CONTROL

The horizontal and vertical control station for this digital map and orthophoto was an NGS OPUS solution for GPS Inc. TBM "BASE 1". The horizontal datum NAD 1983 coordinates for this TBM are North 65° 58' 48.52079" and West 161° 08' 25.27984" and the elevation is 26.48 ft.

The mapping of the community of Buckland has been adjusted to this control using high-precision GPS methods and the adjusted coordinates and elevation for Monument "Alum. Cap, Buckland Airport", were calculated to establish a local control reference. The NAD 1983 coordinates for this monument are North 65° 58' 50.7324" and West 161° 08' 15.1370" and the elevation is 16.32 feet.

This map projection is based upon NAD 83, ASP Zone 7 as expressed in US Survey Feet.

Community Map
BUCKLAND

65° 58' 51" N 161° 08' 15" W (NAD 83)
Approximate Elevation: 20'
Township 7 North, Range 12 West, Kateel River Meridian, AK
U.S.G.S. Quadrangle "CANDLE (D-5)", Alaska
KOTZEBUE RECORDING DISTRICT

LEGEND

- Residential Building
- Commercial Building
- Public Building
- Basis of Coordinates Buckland Airport Monument
- Boat Storage Area
- Erosion & Flood Area
- Proposed ANCSA 14(c) Boundary
- 17b Trail Easement
- Water Line
- Sewer Line
- Sewer Force Main
- Electric & Telephone
- Electric
- Telephone
- Underground Telephone
- Fuel Line
- Edge of Water
- 1987 Flood Line

0 100 200
SCALE IN FEET

SCALE: 1"=100'
Date of Photography: June 12, 2013
Magnetic Declination computed by U.S.G.S. Geomag Program using IGRF11.COF model as of August 1, 2013

SHEET 1 of 5

BUILDING KEY

1. Clinic Storage
2. Buckland Health Clinic
3. SCS, Inc. – Material Site
4. SCS, Inc. – Bunkhouse
5. Old City Tank Farm (Abandoned)
6. IRA Fuel Pumps
7. IRA Fuel Office
8. VSW Equipment Garage
9. City of Buckland Office
10. City Work & Storage Garage
11. Buckland Native Store
12. Boys & Girls Club
13. New Water & Sewer Plant
14. New Water & Sewer Plant – Water Tank
15. Water Treatment Plant
16. Water Treatment Plant – Water Tank
17. Power Plant
18. Buckland School
19. Buckland School – Faculty Housing
20. Native Village of Buckland Office
21. OTZ Telephone Cooperative
22. Snow Machine Shop
23. Downtown Lift Station
24. Buckland Friends Church
25. U.S. Army National Guard Armory
26. City, IRA & School Tank Farm
27. Airport Shop

U.S. SURVEY No. 4482, TRACT C
Utility Easements granted to OTZ Telephone Co-op, Inc.
Recorded in Book 325, Cape Nome Recording District

Lot (s)	Block	Pages	Date
1 & 4	5	646–649	9/25/1989
3	5	658–659	
2	6	654–657	
9	7	319–320	8/15/1989
15 & 14	7	642–645	9/25/1989
2 & 11	7	650–653	
3	7	660–661	

PLAT No. 86-9, Lots 1–10
Easement Agreements to the City of Buckland Utility,
Recorded on 1/31/2005, Cape Nome Recording District
Document Record Numbers:
2005–000220–0 through 2005–000229–0

U.S. SURVEY No. 4482, TRACT C
Grants of Easement for Right-Of-Ways
granted to the City of Buckland, Cape Nome Recording District

Lot(s)	Block	Record No.	Date
3	5	2005–001657–0	12/30/2005
12	7	2005–001688–0	10/27/2006
2S & 3	6	2011–000013–0 through 2011–000025–0	1/7/2011
2–4, 6, 8, 10, 12, 13, & 15	7		
5	5	2011–000026–0	1/10/2011
7	7	2011–000040–0	1/12/2011
10	7	2011–000114–0	1/28/2011
11	7	2011–000367–0	3/10/2011
3	5	2011–000384–0	3/14/2011
2 & 4	5	2011–000400–0 through 2011–000403–0	3/21/2011
2	6		
12	7		
1	6	2011–000430–0	3/25/2011
11	7	2011–000447–0	4/4/2011
3	6	2011–000685–0	5/26/2011
7	7	2011–000686–0	5/26/2011

FLOOD NOTES

The U.S. Army Corps of Engineers (USACE) report "Alaska Communities Flood Hazard Data 2011," has a published flood of record which occured in 1987 with an approximated flood elevation of 93 feet (21.558 feet based upon this map's vertical control).

Flood elevations were based on anecdotal information obtained during the 2013 control survey from a resident eye-witness of the 1987 flood event. The flood elevations that were surveyed represent ground elevation at the threshold of the old church steps (no longer existing due to recent renovations), which is an approximate location based on the witness statement. As of today, there are no official records or exact locations of high water marks.

BUCKLAND COMMUNITY MAP SHEET 1 (1 of 5) 1"=100' (2013 PHOTOGRAPHY)