



BUILDING KEY

1. School (not in use)
2. Gym
3. GCI Earth Station
4. Washeteria
5. Water Storage Tank
6. Power Plant
7. Tribal Council Office
8. UUI Earth Station
9. Water Pump House
10. St. James Church
11. DOT Equipment Storage
12. Airport Warmup Shack
13. DOT Light Control
14. Village Fuel Tanks
15. DOT Fuel Tanks

MAP NOTES
 This map was prepared by the Alaska Department of Commerce, Community, and Economic Development, Division of Community and Regional Affairs (Commerce) using funding from the Initiative for Accelerated Infrastructure Development (IAID). The IAID is supported by grants from the Denali Commission, USDA Rural Development, Alaska Department of Transportation and Public Facilities and Commerce. Commerce contracted with Global Positioning Services, Inc. in May of 2010 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 Records Office record. Utility location is approximate and shows only the main lines. Generally, the information is current as of December 2010. ANVIC provided sanitation facility records.

This map is based on photography acquired on June 4, 2010, at a nominal scale, of 1 in = 800 ft. Aero-Metric Anchorage 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 control monument 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 66° 16' 10.3652" and West 145° 49' 08.4835". The vertical control monument was GPS Inc. TBM "BASE 1". The Geoid 06 elevation for this station is 438.16 feet.

The mapping of the village of Birch Creek has been adjusted to this control using high-precision GPS methods and the adjusted coordinates and elevation for the Alcap "Birch Creek Airport C1" were calculated to establish a local control reference. The NAD 1983 coordinates for this monument are North 66° 16' 04.2457" and West 145° 49' 07.0390" and the elevation is 428.37 feet.

This map projection is based upon NAD 83, ASP Zone 3 as expressed in US Survey Feet.

Community Map BIRCH CREEK

66° 16' 04" N 145° 49' 07" W (NAD 83)
 Approximate Elevation: 428' at Airport Alcap C1
 Township 17 North, Range 9 East, F.M., AK
 U.S.G.S. Quadrangle "Fort Yukon B-4", Alaska
 FAIRBANKS RECORDING DISTRICT

LEGEND

Residential Building	Basis of Coordinates Alcap Birch Creek Airport C1
Public Building	High Water Mark TBM Top of Sill, N. Entrance Airport Maintenance Bld. (1992) Flood Elev. 434.89' (Based on this Map)
Edge of Water	(1992) Flood Elev. 434.89' (Based on this Map)
Electric & Telephone	
Fuel Line	
Sewer Line	
Water Line	



SCALE: 1"=100'
 Date of Photography: June 4, 2010
 Magnetic Declination computed by U.S.G.S. Geomag
 Program using WMM-2005.COF model as of September 1, 2010
 SHEET 1 of 3

FLOOD NOTES
 The US Army Corps of Engineers (USACE) report "Alaska Communities Flood Hazard Data 2007", has a published flood of record which occurred in 1992 with a flood elevation of 100' (434.89 feet based upon this map's vertical control).

BIRCH CREEK COMMUNITY MAP SHEET 1 1"=100' (2010 PHOTOGRAPHY)