



### Legend

**Black Brant**

- Bird Observed
- Bird Observed, 2003
- Brood Observed, 2003

**Nesting Colonies - Number of Nests**

- ⊠ 1 - 10
- ⊠ 11 - 30

Generalized Ground Nest Search Areas  
 Generalized Aerial Survey Area  
 Plan Area  
 Northeast NPR-A Planning Area  
 Existing Infrastructure  
 Existing Alpine Pipeline

**Notes:**

- 1) Horizontal Datum NAD 83, Coordinate System Alaska State Plane Zone 4, Feet
- 2) Aerial photography provided by ABR
- 3) Point locations are from ground-based and aerial surveys during nesting, brood rearing, and fall staging; and point locations may represent an individual bird, a pair, a family group, or a flock of up to 700 birds
- 4) Nest Location Data at NPR-A sites for years 2001-2003
- 5) Brood Rearing Data at NPR-A sites for years 2002-2003
- 6) Aerial Survey Data in NPR-A 2003
- 7) Aerial survey data for brood rearing and fall staging birds, 1992-2002
- 8) Nesting colony data are from aerial and ground nest surveys in the Colville Delta; aerial surveys conducted in 1992, 1993, 1995-1998, and 2000; ground nest searches conducted at Alpine in 1996-2001, CD-3 in 2000-3004 and CD-4 in 2000-2002
- 9) Black Brant Point Locations: ABR, 2003

**Figure 3.3.3.2-5  
Plan Area Black Brant Locations  
at NPR-A Sites**