

## XII. Permits, Species Killed, Captured

*The following chart provides information on Antarctic Conservation Act (P.L. 95-541) Permits issued during 1 July 2005 to 30 June 2006.*

Permit #	Active Dates	Permit Activity	Location	Purpose
006-001	01 Jan 06 – 31 Dec 2011	Taking; Entry into ASPA	ASPA 102 Rookery Islands; ASPA 103 Ardery & Odbert Islands; ASPA 104 Sabrina Island; ASPA 105 Beaufort Island; ASPA 106 Cape Hallett; ASPA 107 Dion Islands; ASPA 108 Green Island; ASPA 109 Moa Island; ASPA 110 Lynch Island; ASPA 111 So. Powell Island; ASPA 112 Coppermine Penin.; ASPA 113 Litchfield Island; ASPA 114 N. Coronation Island; ASPA 115 Lagotellerie Island; ASPA 116 New College Valley; ASPA 117 Avian Island; ASPA 121 Cape Royds;	Collection, on an opportunistic basis, of organic remains (bones, tissue, feathers, eggshell fragments, otoliths, squid beaks and other prey remains) from sediments obtained from abandoned rookeries for identification and analysis to investigate patterns in population fluctuations of penguins in relation to climate change in the past. Salvage of seabird specimens for identification and analysis.

Permit #	Active Dates	Permit Activity	Location	Purpose
			ASPA 124 Cape Crozier; ASPA 125 Fildes Penin.; ASPA 126 Byers Penin.; ASPA 127 Haswell Island; ASPA 128 W. Shore Admiralty Bay; ASPA 128 Rothera Point; ASPA 132 Potter Penin. ; ASPA 133 Harmony Point; SPA 134 Cierva Point; ASPA 135 Bailey Penin.; ASPA 136 Clark Penin.; ASPA 139 Biscoe Point; ASPA 143 Marine Plain; ASPA 149 Cape Shirreff; ASPA 150 Ardley Island; ASPA 151 Lions Rump; ASPA 154 Cape Evans; ASPA 158 Cape Adare; and ASPA 160 Botany Bay	
2006-002	01 May 05 – 31 Aug 2010	Entry into ASPA	ASPA 113 Litchfield Island	To remove (for inspection and resupply) the survival cache as required for boating safety. Assessment of the condition of the notification signs indicating Litchfield is a specially protected area.
2006-003	17 May 05 – 31 Aug 2010	Entry into ASPA	ASPA 128 Western Shore of Admiralty Bay	To open station; movement of personnel and supplies, maintenance and servicing of station facilities and equipment, and station closing
2006-004	01 May 05 – 31 Aug 2010	Taking	Palmer Station area	To coax or remove animals from station areas for their own safety and that of station personnel.

Permit #	Active Dates	Permit Activity	Location	Purpose
2006-005	01 Oct 05 – 30 Sep 2010	Taking	Antarctic Peninsula area	Salvage skeletons of pennipeds, cetaceans and seabirds for educational purpose.
2006-006	17 May 05 – 31 Aug 2010	Taking	McMurdo Station and surrounding airfields	Coax or remove animals from station areas and/or airstrips for their own safety and that of Program personnel.
2006-007	17 May 05 – 31 Aug 2010	Entry into ASPA	ASPA 137 Norwest White Island	Surface access through site to reach Black Island Telecommunications Facility (BITF) for routine and emergency equipment repair. This route is the only safe surface route to reach BITF.
2006-008	17 May 05 – 31 Aug 2010	Entry into ASPA	ASPA 106 Cape Hallett	Access to the site for remediation efforts.
2006-009	01 Oct 05 – 31 Dec 2006	Import into U.S.A.	McMurdo Station	Use of newly hatched brine shrimp as food to determine the phylogenetic extent of metazoan carnivory by basal foraminiferan protists.
2006-010	01 Nov 05 – 28 Feb 2010	Taking; Entry into ASPA	ASPA 105 Beaufort Island; ASPA 121 Cape Royds; and, ASPA 124 Cape Crozier	Census, weigh, measure and attach TDRs, SPOT satellite and GLS tags to Adelie penguins to study founding of new colonies and long-terms changes occurring as a result of climate change.
2006-011	01 Oct 05 – 30 Sep 2010	Entry into ASPA	ASPA 124 Cape Crozier	A remediation team will enter the site to remove debris before the arrival of the penguins.
2006-012	01 Oct 05 – 30 Sep 2010	Entry into ASPA	ASPA 121 Cape Royds	An environmental audit will be conducted at the site and debris found will be removed.
2006-013	15 Oct 05 – 01 May 2007	Entry into ASPA	ASPA 104 Beaufort Island	May need to enter the site to recover a webcam if it falls from a cliff on iceberg B15K which overlooks the Beaufort Emperor rookery.

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2006-014	01 Oct 05 – 28 Feb 2011	Entry into ASPA	ASPA 131 Canada Glacier	Enter the site to continue operation and perform maintenance on a previously installed, continuously recording stream gauge.
2006-015	12 Oct 05 – 28 Feb 2008	Taking	McMurdo Sound sea ice	Collect muscle samples from Weddell seals to determine what molecular signals regulate the change in skeletal muscle physiology as a young Weddell develops into an elite diver.
2006-016	21 Oct 05 – 01 May 2008	Taking; Entry into ASPA	ASPA 128 Western Shore of Admiralty Bay	Census, banding, TDR attachment to various penguin and seabird species to study the behavioral ecology and population biology of Adelie, gentoo and chinstrap penguins and the interaction among these species and their principal avian predators.
2006-017	05 Oct 05 – 30 Nov 2005	Entry into ASPA	ASPA 121 Cape Royds; ASPA 122 Arrival Heights; ASPA 124 Cape Crozier; ASPA 155 Cape Evans; ASPA 156 Cape Royds; ASPA 157 Discovery Hut	Entry into the sites to photograph and paint subjects and structures under different lighting conditions. Project falls under the Artists and Writers Program.
2006-018	01 Nov 05 – 31 Dec 2005	Entry into ASPA	Historic Huts at ASPA 154 Cape Evans; ASPA 156 Cape Royds; and, ASPA 157 Discovery Hut	Visit to the historic huts to photograph and experience the ambience in preparation to writing a fictional novel. Project falls under the Artists and Writers Program.
2006-019	17 Oct 05 – 31 Mar 2006	Taking; Introduce into Antarctica	Ross Sea	Live cultures of marine phytoplankton from a state-side laboratory will be used in shipboard experiments to study the feeding rates of Antarctic protistan grazers.

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2006-020	08 Oct 05 – 31 Dec 2005	Entry into ASPA	ASPA 121 Cape Royds; ASPA 122 Arrival Heights; ASPA 124 Cape Crozier; ASPA 154 Cape Evans; ASPA 156 Cape Royds; ASPA Discovery Hut	Photograph scientists working with penguins and seals, as well as photographing the historic huts. Project falls under the Artists and Writers Program.
2006-021	21 Nov 05 – 31 Jan 2006	Taking; Entry into ASPA; Import into U.S.A.	ASPA 154 Cape Evans; ASPA 122 Arrival Heights	As part of a ongoing Environmental Monitoring Program, soil samples and permafrost measurements will be taken.
2006-022	24 Oct 05 – 28 Feb 2007	Entry into ASPA	Mt. Bastion area; ASPA 123 Barwick Valley	To look for <i>in situ</i> fossils and burrows of animals, collect samples to identify the environmental setting in which they occur.
2006-023	24 Oct 05 – 28 Feb 2007	Introduction into Antarctica	Crary Lab at McMurdo Station	Use of phytoplankton cultures to study the interactions between it and other planktonic organisms collected from McMurdo Sound.
2006-024	13 Dec 05 – 31 Mar 2006	Introduction into Antarctica	Ross Sea	Use of phytoplankton cultures to study the interactions between it and other planktonic organisms collected from McMurdo Sound.
2006-026	01 May 05 – 31 Aug 2006	Introduce into Antarctica	Antarctic Peninsula region	Algae will be used in rearing the larvae of indigenous invertebrates collected in Antarctic waters. Experiments will be conducted in the shipboard laboratory.
2006-027	06 Jun 06 – 28 Feb 2009	Import into U.S.A.	ASPA Western Shore of Admiralty Bay	Collect eggs and tissue samples from penguins and other seabirds for analysis in the study of the Environmental Management of Admiralty Bay.

ASPA = Antarctic Specially Protected Area (formerly SPA's and SSSI's)