

XII. Permits, Species Killed, Captured

The following chart provides information on Antarctic Conservation Act (P.L. 95-541) Permits issued during 1 July 2003 to 30 June 2004.

Permit #	Active Dates	Permit Activity	Location	Purpose
2004-002	22 Aug 03 – 28 Feb 2004	Entry into ASPA	Barwick Valley (ASPAs #123); Cape Evans (ASPAs #154); Cape Royds (ASPAs #156); and, Discovery Hut, Hut Point (ASPAs #157)	Photography of sites and geographic features to illustrate a geographically arranged gazetteer or “field guide”.
2004-003	01 Oct 03 – 14 Feb 2006	Entry into ASPA	Beaufort Island (ASPAs #105); New College Valley, Cape Bird (ASPAs #116); Cape Royds (ASPAs #121); and Cape Crozier (ASPAs #124)	To photograph affects on penguin colonies due to large icebergs, C-19 and B-15A and interview scientists in the field for NSF directed news and public outreach projects and releases.
2004-004	01 Nov 03 – 31 Jan 2004	Taking; Import into the USA	Taylor Valley	Collect small samples of bone and tissue from decayed remains of penguins and seals on the snow surface of Lake Bonney to establish the age of the animals and subsequent age of the lake ice cover.
2004-005	30 Dec 03 – 31 Jan 2004	Taking; Import into the USA	Antarctic Peninsula	Salvage dead seabirds and import to the US for use as educational materials at Cornell University.

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2004-006	01 Oct 03 – 30 Sep 2008	Entry into ASPA	Historic Huts at Cape Evans (ASPAs #154); Cape Royds (ASPAs #156); Discovery Hut (ASPAs #157); and Cape Adare (ASPAs #158)	Visit to historic huts by U.S. Antarctic Program personnel for educational purposes.
2004-007	10 Nov 03 – 28 Feb 2004	Taking; Import into the USA	Igloo Spur, near Cape Crozier	Collect 10 samples of lichens suspected to be <i>Umbilicaria nylanderia</i> for proper identification by a lichen expert.
2004-008	01 Dec 03 – 31 Dec 2003	Entry into ASPA	Barwick Valley (ASPAs #123)	Removal of seismic equipment, solar panels and all associated equipment which are currently within the ASPA boundaries after the boundaries were modified.
2004-009	15 Jan 04 – 31 Mar 2005	Take and Import into the U.S.	Antarctic waters	Collect biopsy samples of skin from Antarctic killer whales to determine taxonomic status of the three different morphotypes in Antarctic waters.
2004-010	16 Sep 03 – 28 Feb 2006	Taking; Entry into ASPA; and Import into the USA	McMurdo Sound region; Cape Crozier (ASPAs #124); and Beaufort Island (ASPAs #105)	Capture Emperor penguins to collect blood samples, attach microprocessor recorders to study their diving physiology. Census penguins at Cape Crozier and Beaufort Island.
2004-011	15 Dec 2003 – 28 Feb 2007	Entry to ASPA	Cape Crozier (ASPAs #124)	To remove old camp debris and to periodically conduct environmental field camp audit to ensure research activities comply with environmental impact assessment requirements.
2004-012	20 Oct 03 – 31 Dec 2003	Taking; Introduce into Antarctica	Antarctic waters	Cultures of marine phytoplankton from stateside laboratory will be used in experiments onboard ship to study the feeding rates of Antarctic protistan grazers.

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2004-013	01 Nov 03 – 01 Apr 2005	Take; Import into the U.S.	East Antarctica and Davis Station	Capture diseased seabirds and collect blood samples to confirm presence of bacterial, viral, and parasitic agents in Antarctic populations.
2004-014	24 Dec 03 – 30 Sep 2004	Entry into ASPA	Arrival Heights (ASPA #122)	To conduct monitoring studies of the earth's magnetic field and ionosphere, high latitude neutral mesospheric and thermospheric dynamics, UV monitoring, aerosol investigations, and pollution surveys.
2004-016	06 Nov 03 – 31 Jan 2007	Entry into ASPA	Beaufort Island (ASPA #105); Cape Crozier (ASPA #124)	To deploy and retrieve GPS receivers used to take repeat measurements of established monuments in order to detect motion of the bedrock due to tectonism or post-glacial rebound.
2004-017	05 Apr 03 – 30 Aug 2005	Entry into ASPA	Barwick Valley (ASPA #123)	To collect rock samples as an essential part of an on-going project constraining the terrestrial production rate of the Cosmogenic nuclide ³⁸ Ar.
2004-018	15 Dec 03 – 31 Aug 2006	Taking; Entry into ASPA	Biscoe Point (ASPA #139)	To collect plants and seeds of Antarctic hairgrass and Antarctic pearlwort to study the effects of climate change on Antarctic plants and productivity of terrestrial ecosystems.
2004-019	05 Jan 04 – 31 Dec 2007	Entry into ASPA	Historic huts at Cape Evans (ASPA #154); Cape Royds (ASPA #156); Discovery Hut (ASPA #157); and Cape Adare (ASPA #158)	To investigate the biological and non-biological deterioration processes and develop long-term conservation plans for the future preservation of the historic huts.

Permit #	Active Dates	Permit Activity	Location	Purpose
2005-001	13 Oct 04 – 31 Jan 2005	Entry into ASPA	Cape Royds (ASPA #121)	To conduct diving operations offshore to study benthic invertebrates affected by the significant organic enrichment from runoff of guano from the Adelie rookery.

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