

Appendix
Page 1 of 3

CONFIDENTIAL REPORT

LOCATIONS AND DATA FROM AVIAN BLOOD PLASMA SAMPLES

TO:

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BY:

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**Exhibit
1420**

State of Minnesota v. 3M Co.,
Court File No. 27-CV-10-28862

Avian blood plasma samples collected from two species, the bald eagle (*Haliaeetus leucocephalus*) and the Laysan albatross (*Diomedea immutabilis*) were sent to 3M for analysis for $C_8F_{17}SO_2$ and $C_8F_{17}CO_2$. Additional data for these blood samples follows:

Laysan albatrosses

All samples of Laysan albatrosses were collected from the Officers Club plot on Sand Island within the Midway Atoll in the north-central Pacific Ocean. Table 1 provides additional data on the birds sampled:

Table 1. Band number, year bird was banded, age at collection of blood sample, blood sample number, and date blood was collected for 5 Laysan albatrosses from Midway Atoll, north-central Pacific Ocean.

Band Number	Year Banded	Collection Age	Sample Number	Date Collected
1247-60080	1993	0	LAC 08093	18 May 1993
1247-60095	1993	0	LAC 09593	18 May 1993
1367-32659	1985	8	LA 616	13 Dec 1992
1137-90880	1987	6	LA 607	13 Dec 1992
1067-19156	1978	15	LA 617	13 Dec 1992

No other data on organochlorine pesticides from these birds is currently available, however, a separate split sample of each has been archived.

Bald eagles

All samples of bald eagles were collected within the Midwest, with one from Minnesota, and two each from the upper and lower peninsulas of Michigan (Figure 1). Table 2 provides additional data on the birds sampled:

Table 2. Band number, location, county, region, date of blood sample collection, sex, weight, and age in days of 5 nestling bald eagles from Minnesota and Michigan.

Band No.	Location	County	Region	Date Collected	Sex	Weight	Age in Days
629-31740	Devil's Lake	Menominee	U. Peninsula, MI	1989	Unknown	Unknown	Unknown
629-31748	Slate River Falls	Baraga	U. Peninsula, MI	1989	Unknown	Unknown	Unknown
629-14593	Steve's Island	St. Louis	Voyageurs NP, MN	17 June 1992	Male	2.7 kg	82
629-39332	Caulkins Creek	Otsego	L. Peninsula, MI	3 June 1993	Female	4.85 kg	228
629-39339	Pickrel Channel	Emmet	L. Peninsula, MI	5 June 1993	Female	4.25 kg	163