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# CONFIDENTIAL REPORT

## LOCATIONS AND DATA FROM AVIAN BLOOD PLASMA SAMPLES

TO:

3M Corporation  
Minneapolis, Minnesota

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data on organochlorine pesticides from these birds is currently available, however, a separate split sample of each has been archived.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