WILSON-WRIGHT, INC. PETROLEUM LABORATORIES

BOX 2526 TULSA, OKLA. 74101 918 LU 4-6060 7 W. HASKELL

April 29, 1970
File 1179

John Zink Company
P. O. Box 7388
Tulsa, Oklahoma 74105

Attention: Mr. A. K. Reyburn

Gentlemen:

The following pages present the data measured during sampling from your Horizontal Thermo-Oxidizer on April 17 and April 28, 1970. The material oxidized was a Monsanto waste dichloroaniline.

Three runs were made at temperatures 1600, 2000 and 2400°F. Three furnace vapor samples and one particulate matter sample from the stack were taken for each run. These samples were taken according to directions by Mr. J. Waldbeser during the oxidation tests and following procedures outlined by Mr. Bob McKinley by telephone April 2, 1970.

The samples were shipped to St. Louis by Air Express, Ticket No. 40-61-61 April 29, 1970 to Mr. McKinley's attention.

We enjoy serving you.

Yours truly,

Clair C. Wilson

Copy: Mr. Bob McKinley
Monsanto Company
1700 So. 2nd St.
St. Louis, Mo. 63177

DSW 298860

STLCOPCB4068774

WILSON-WRIGHT, INC. PETROLEUM LABORATORIES

BOX 2526 TULSA, OKLA. 74101 918 LU 4-6060 7 W. HASKELL

April 29, 1970
File 1179
Monsanto

JOHN ZINK COMPANY

THERMO-OXIDIZER

TEST DATA

	1	2	3	4
Date	4-17-70	4-28-70	4-28-70	4-28-70
Time	7:45 A.M.	9:30 P.M.	10:00 P.M.	11:45 P.M.
Barometer in. Hg	29.26	28.98	28.98	28.98
Oxidizer Temp. °F.	1600	2000	2400	2400
Burner Port				
Flask Size (Liter)	1.	1.	1.	1.
Flask Temp. °F.	390	275	248	272
Line Temp. °F.	400+	400+	400+	375
Middle Port				
Flask Size (Liter)	3.	2.	2.	2.
Flask Temp. °F.	263	232	316	284
Line Temp. °F.	400+	400+	400+	390
Stack Port				
Flask Size (Liter)	2	3	3	3
Flask Temp. °F.	410	316	396	296
Line Temp. °F.	250	240	235	242
Particulate Matter				
Metered Volume Cu.Ft.	0.215	0.198	0.255	0.370
Meter Temp. °F.	75	82	85	84

DSW 298861

STLCOPCB4068775