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G-000-106.68

RE: 1996 SPLIT SAMPLE RESULTS

10/08/96

**OEPA
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LETTER**

DOE-FN



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State of Ohio Environmental Protection Agency

Southwest District Office

401 East Fifth Street
Dayton, Ohio 45402-2911
(513) 285-6357
FAX (513) 285-6249

FERNALD
K-0057
OCT 9 9 08 AM '96

George V. Voinovich
Governor

FILE
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October 8, 1996

Re: 1996 SPLIT SAMPLE RESULTS

Ms. Kathleen A. Nickel
U.S. DOE FEMP
P.O. Box 538705
Cincinnati OH 45253-8705

Dear Ms. Nickel:

Attached are the Ohio EPA/OFFO split sample results for 1996, which were requested by Pat Kraps in a telephone conversation with Donna Bohannon. These results will be used in our development of an annual report consistent with Ohio EPA's commitments under the Agreement In Principal. The Ohio EPA/FERMCO split sampling program includes: groundwater, surface water, sediment, grass & soil, fish, and produce & soil. The soil samples corresponding with the grass samples have not yet been received from our lab. Also, results from our latest sampling events have not been received. These results will be provided as they become available.

If you have any questions, feel free to call me at (513) 285-6057, or Donna Bohannon at 285-6453.

Sincerely,

Rex Brown
Data Manager

cc: Patricia Kraps, Fluor Daniel - Fernald

1996 OEPA RADIOLOGICAL SPLIT SAMPLE RESULTS FOR GRASS

COLLECT DATE	SAMPLE ID	LOCATION ID (OLD)	LOCATION DESCRIPTION	OEPA RESULT	UNIT	LOCATION ID (NEW)
19960725	1996072501	AMG09	Air Monitor Station 09	0.33	ug/g	AMG09 B
19960725	1996072502	AMG08	Air Monitor Station 08	0.088	ug/g	AMG08 A
19960725	1996072503	AMG02	Air Monitor Station 02	1.5	ug/g	AMG02
19960725	1996072504	GRS-18	Chapel Rd. S. of Rt. 126	3.1	ug/g	GRS-18

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1996 OEPA RADIOLOGICAL SPLIT SAMPLE RESULTS FOR PRODUCE AND SOIL

COLLECT DATE	SAMPLE ID	LOCATION ID (OLD)	LOCATION_DESC DESCRIPTION	MATRIX	UNIT	OEPA RESULT	LOCATION ID (NEW)
19960821	1996082101	BURWK-51	Burwinkle's Produce Stand	CORN	ug/g	0.029	BURWK-51
19960821	1996082103	BRN-52	Brown's Produce Stand	PUMPKIN	ug/g	0.004	BRN-52
19960821	1996082102	BURWK-51	Burwinkle's Produce Stand	SOIL	ug/g	3.4	BURWK-51
19960821	1996082104	BRN-52	Brown's Produce Stand	SOIL	ug/g	3.9	BRN-52

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1996 OEPA RADIOLOGICAL SPLIT SAMPLE RESULTS FOR GROUNDWATER

COLLECT DATE	SAMPLE ID	LOCATION ID (OLD)	LOCATION DESCRIPTION	OEPA RESULT	UNIT	LOCATION ID (NEW)
19960124	1996012402	MKM13	Melvin Knollman	34	ug/l	MKM13
19960124	1996012405	DS15	Delta Steel	160	ug/l	DS15
19960124	1996012404	BOK14	Knollman Farm	2.6	ug/l	BOK14
19960124	1996012403	NKM12	Norman Knollman	130	ug/l	NKM12
19960124	1996012401	RS39	Ruth Sullet	5.9	ug/l	RS39
19960424	1996042402	DS15	Delta Steel	160	ug/l	DS15
19960424	1996042401	MKM13	Melvin Knollman	98	ug/l	MKM13
19960424	1996042405	BOK14	Knollman Farm	2.8	ug/l	BOK14
19960424	1996042404	RS39	Ruth Sullet	5.4	ug/l	RS39
19960424	1996042403	NKM12	Norman Knollman	46	ug/l	NKM12
19960724	1996072401	BOK14	Knollman Farm	2.8	ug/l	BOK14
19960724	1996072404	MKM13	William Knollman	80	ug/l	WKM13
19960724	1996072403	NKM12	Norman Knollman	110	ug/l	NKM12

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1996 OEPA RADIOLOGICAL SPLIT SAMPLE RESULTS FOR SURFACE WATER

COLLECT DATE	SAMPLE ID	LOCATION ID (OLD)	LOCATION DESCRIPTION	TOTAL URANIUM		UNIT RA 226	UNIT RA 228	UNIT	LOCATION ID (NEW)		
				ug/l	pCi/l						
19960221	1996022107	BBW03	New Baltimore Bridge	1.8		ug/l	0.28	pCi/l	2.7	pCi/l	GM21.4
19960221	1996022104	PWB07	Paddys Run/Willey Brdg	4.9		ug/l	0.17	pCi/l	2.1	pCi/l	PR1.8
19960221	1996022103	PDS10	Paddys Run/Dwn Stream	20		ug/l	0.20	pCi/l	0.68	pCi/l	PR2.8
19960221	1996022101	PSF11	Paddys Run/South Fld	4.9		ug/l	-0.005	pCi/l	1.2	pCi/l	PR2.0
19960221	1996022102	PRB09	Paddys Run/RR Bridge	2.3		ug/l	0.13	pCi/l	1.5	pCi/l	PR3.3
19960522	1996052203	PSF11	Paddys Run/South Fld	2.4		ug/l	0.12	pCi/l	2.4	pCi/l	PR2.0
19960522	1996052201	BBW03	New Baltimore Bridge	1.9		ug/l	0.18	pCi/l	2.5	pCi/l	GM21.4
19960522	1996052206	PRB09	Paddys Run/RR Bridge	1.9		ug/l	0.17	pCi/l	2.2	pCi/l	PR3.3
19960522	1996052204	PDS10	Paddys Run/Dwn Stream	5.2		ug/l	0.25	pCi/l	1.1	pCi/l	PR2.8
19960522	1996052205	PWB07	Paddys Run/Willey Brdg	2.4		ug/l	0.14	pCi/l	2.3	pCi/l	PR1.8

NS = not sampled or sample not analyzed for parameter.
 NA = not applicable

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