



R M Nelson, Jr.

90-RF-4169  
JUL 31 1990

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If you have any questions or require further information please contact Mike Arndt of my staff at x4294.



J. M. Kersh, Associate General Manager  
Environmental Restoration & Waste Management

PFF.la

Ong and 1 cc - R. M. Nelson, Jr.

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cc:

S.R Grace - DOE, RFO

T.T.Olsen - DOE, RFO

P.Singh - DOE, RFO

SW-61

Anal

RFEDS

1-17 .1

LOCATION ID	PROJ_SAMPLE_NO	CHEMICAL	RESULT	UNIT	SUBSTR	(ERR	QUAL.	D	LMT	VA	GROUP	SMPL DATE
SW061	TRG SW-61-07-22-87	METHYLENE CHLORIDE	NR	UG/L							RFVO	22-JUL-87
	TRG SW-61-07-22-87	VINYL CHLORIDE	NR	UG/L							RFVO	22-JUL-87
	TRG SW-61-07-22-87	ACETONE	NR	UG/L							RFVO	22-JUL-87
	TRG SW-61-11-11-87	METHYLENE CHLORIDE	20.00	UG/L							RFVO	11-NOV-87
	TRG SW-61-11-11-87	VINYL CHLORIDE	10	UG/L			U		10		RFVO	11-NOV-87
	TRG SW-61-11-11-87	ACETONE	10	UG/L			U		10		RFVO	11-NOV-87
	TRG SW88A05	METHYLENE CHLORIDE	5.0	UG/L			U		5.0		RFVO	01-JUL-88
	TRG SW88A05	VINYL CHLORIDE	10	UG/L			U		10		RFVO	01-JUL-88
	TRG SW88A05	VINYL CHLORIDE	10	UG/L			U		10		RFVO	01-JUL-88
	TRG SW88A05	VINYL CHLORIDE	10	UG/L			U		10		RFVO	01-JUL-88
	TRG SW88A05	ACETONE	10	UG/L			U		10		RFVO	01-JUL-88
	TRG SW88A05	ACETONE	10	UG/L			U		10		RFVO	01-JUL-88
	TRG SW88A05	METHYLENE CHLORIDE	5.0	UG/L			U		5.0		RFVO	01-JUL-88
	TRG SW88A05	METHYLENE CHLORIDE	5.0	UG/L			U		5.0		RFVO	01-JUL-88
	TRG SW88A05	ACETONE	10	UG/L			U		10		RFVO	01-JUL-88
	TRG SW06100	METHYLENE CHLORIDE	5	UG/L			U	V	5	A	RFVO	20-MAR-89
	TRG SW06100	ACETONE	10	UG/L			U	V	10	A	RFVO	20-MAR-89
	TRG SW06100	VINYL CHLORIDE	2	UG/L			J	A	10	A	RFVO	20-MAR-89
	TRG SW06100	VINYL CHLORIDE	2	UG/L			J	A	10	A	RFVO	20-MAR-89
	TRG SW06100	ACETONE	3	UG/L			JB	A	10	A	RFVO	20-MAR-89
	TRG SW06100	METHYLENE CHLORIDE	5	UG/L			U	V	5	A	RFVO	20-MAR-89
	TRG SW06100	METHYLENE CHLORIDE	5	UG/L			U	V	5	A	RFVO	15-MAY-89
	TRG SW06100	ACETONE	10	UG/L			U	V	10	A	RFVO	15-MAY-89
	TRG SW06100	VINYL CHLORIDE	2	UG/L			J	A	10	A	RFVO	15-MAY-89
	TRG SW06100	VINYL CHLORIDE	2	UG/L			J	A	10	A	RFVO	15-MAY-89
	TRG SW06100	ACETONE	3	UG/L			JB	A	10	A	RFVO	15-MAY-89
	TRG SW06100	METHYLENE CHLORIDE	5	UG/L			U	V	5	A	RFVO	15-MAY-89
	TRG SW06100	METHYLENE CHLORIDE	5	UG/L			U	V	5	A	RFVO	09-JUN-89
	TRG SW06100	METHYLENE CHLORIDE	5	UG/L			U	V	5	A	RFVO	09-JUN-89
	TRG SW06100	ACETONE	10	UG/L			U	V	10	A	RFVO	09-JUN-89
	TRG SW06100	VINYL CHLORIDE	2	UG/L			J	A	10	A	RFVO	09-JUN-89
	TRG SW06100	VINYL CHLORIDE	2	UG/L			J	A	10	A	RFVO	09-JUN-89
	TRG SW06100	ACETONE	3	UG/L			JB	A	10	A	RFVO	09-JUN-89
	TRG SW061004	METHYLENE CHLORIDE	2	UG/L			J		5		RFVO	06-JUL-89
	TRG SW061004	ACETONE	10	UG/L			U		10		RFVO	06-JUL-89
	TRG SW061004	VINYL CHLORIDE	4	UG/L			J		10		RFVO	06-JUL-89
	TRG SW061005	METHYLENE CHLORIDE	14	UG/L			B		5		RFVO	03-AUG-89
	TRG SW061005	VINYL CHLORIDE	6	UG/L			J		10		RFVO	03-AUG-89
	TRG SW061005	ACETONE	2	UG/L			JB		10		RFVO	03-AUG-89
	TRG SW061007	METHYLENE CHLORIDE	9	UG/L			B		5		RFVO	03-OCT-89
	TRG SW061007	VINYL CHLORIDE	10	UG/L			U		10		RFVO	03-OCT-89
	TRG SW061007	ACETONE	10	UG/L			U		10		RFVO	03-OCT-89
	TRG SW061008	METHYLENE CHLORIDE	5	UG/L			U		5		RFVO	06-NOV-89
	TRG SW061008	VINYL CHLORIDE	7	UG/L			J		10		RFVO	06-NOV-89
	TRG SW061008	ACETONE	10	UG/L			U		10		RFVO	06-NOV-89
	TRG SW061009	METHYLENE CHLORIDE	5	UG/L			U		5		RFVO	06-DEC-89
	TRG SW061009	ACETONE	10	UG/L			U		10		RFVO	06-DEC-89
	TRG SW061009	VINYL CHLORIDE	10	UG/L			U		10		RFVO	06-DEC-89
	TRG SW00077WC/061W06	ACETONE	10	UG/L			U		10		VOCCL	18-JUN-90
	TRG SW00078WC/061D06	ACETONE	10	UG/L			U		10		VOCCL	18-JUN-90
	TRG SW00078WC/061D06	VINYL CHLORIDE	3	UG/L			J		10		VOCCL	18-JUN-90
	TRG SW00078WC/061D06	METHYLENE CHLORIDE	3	UG/L			JB		5		VOCCL	18-JUN-90
	TRG SW00077WC/061W06	METHYLENE CHLORIDE	2	UG/L			JB		5		VOCCL	18-JUN-90
	TRG SW00077WC/061W06	VINYL CHLORIDE	3	UG/L			J		10		VOCCL	18-JUN-90
	TRG SW00189WC	VINYL CHLORIDE	5	UG/L			J		10		VOCCL	23-JUL-90
	TRG SW00189WC	ACETONE	10	UG/L			U		10		VOCCL	23-JUL-90
	TRG SW00189WC	METHYLENE CHLORIDE	5	UG/L			U		5		VOCCL	23-JUL-90
	TRG SW00268WC	METHYLENE CHLORIDE	5	UG/L			U		5		VOCCL	22-AUG-90
	TRG SW90070WC	ACETONE	10	UG/L			U		10		VOCCL	22-AUG-90
	TRG SW90070WC	VINYL CHLORIDE	10	UG/L			U		10		VOCCL	22-AUG-90
	TRG SW00268WC	VINYL CHLORIDE	3	UG/L			J		10		VOCCL	22-AUG-90
	TRG SW90070WC	METHYLENE CHLORIDE	3	UG/L			BJ		5		VOCCL	22-AUG-90
	TRG SW00268WC	ACETONE	10	UG/L			U		10		VOCCL	22-AUG-90

SW133

A discrepancy concerning the location of surface water sampling station 61 has been identified. The current location of station 61 is not the same as when originally positioned. This discrepancy leads to interpretation problems due to their different sources. The exact time in which the sampling location changed has been identified in order to eliminate this problem.

Surface water sampling station 61 was marked and identified on July 20, 1987 in conjunction with the Phase II Remedial Investigations of Operable Unit 2. Its original location was at the mouth of the concrete reinforced pipe. According to sampling records samples were collected at this location on 7-22-87 and 11-11-87. Contract arrangements were made in April 1988 to have permanent signs installed for all surface water sampling stations. Subsequent sampling episodes occurred in July 1988 during which the purple stake used in 1987 was found down stream from its original position. Consequently, this is where the permanent sign was installed and subsequent samples collected. Two possibilities exist for how the sign was moved 1) it was washed down stream 2) it was run over by the routine grass mowing in the area.

The original location of station 61 will be renumbered. In addition all surface water stations are currently being assessed for their technical merit and to confirm the presence of a sign and the correct identification number. This assessment will be completed by August 31, 1990.

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