
QUARTERLY GROUNDWATER MONITORING
Third Quarter Sampling Results
Fort Dix, New Jersey

Prepared for:

U.S. Army Toxic and Hazardous Materials Agency
Aberdeen Proving Ground, Maryland 21010
Contract No. DAAA15-88-D-0008

 **DAMES & MOORE**

7101 Wisconsin Avenue, Suite 700, Bethesda, Maryland 20814

February 1, 1991

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February 1, 1991

Mr. Jim McKenna
Alternate Contracting Officer's
Representative
Department of the Army, USATHAMA
Aberdeen Proving Ground, Maryland 21010

Re: Quarterly Groundwater Monitoring,
Third Quarter Sampling Results,
Fort Dix, New Jersey
Contract No. DAAA15-88-D0008

Dear Mr. McKenna:

In fulfillment of the reporting requirements of the above-referenced contract, we are presenting the third quarter results of the Quarterly Groundwater Monitoring Program for the Fort Dix Sanitary Landfill (Site 7).

As you know, ten wells were selected for continued monitoring based on the first quarter sampling results. These ten wells and some related data are listed in Table 1; their locations are shown in Figure 1.

The wells were purged and sampled between September 19 and September 21, 1990, in accordance with procedures specified in the Draft Sampling and Analysis Plan (SAP), Fort Dix Follow-on Remedial Investigation/Feasibility Study, prepared by Dames & Moore. The sample containers were labeled, packed on ice in coolers, and shipped overnight with completed chain-of-custody forms to ESE for chemical analysis.

The samples were analyzed for VOCs and for total priority pollutant metals and iron. The analytical results are presented in Tables 2 and 3. Table 2 shows only the results for analyte concentrations above detection limits while Table 3 presents all analytical data.

While an evaluation of the analytical results is outside the scope of this letter report, it is noted that the concentration (0.87 ug/L) of trichloroethylene (TRCLE) in well CDM-6 is lower than the second quarter (2.48 ug/L), first quarter (2.10 ug/L), and the 1988 Phase I RI (1.52 ug/L) results. Also as in the first and second quarters, and in 1988, TRCLE concentrations in the other wells (CDM-11, -12, and -13), screened in the Vincentown Formation, were below the detection limit of 0.500 ug/L.



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Mr. Jim McKenna
February 1, 1991
Page 2

The fourth, and final, quarter sampling was completed in December 1990. We expect ESE to forward the results to PRI later in February.

If you have any questions regarding this letter report, please contact me.

Sincerely,

DAMES & MOORE

Mensa Nunyuie, P.E.
Senior Engineer

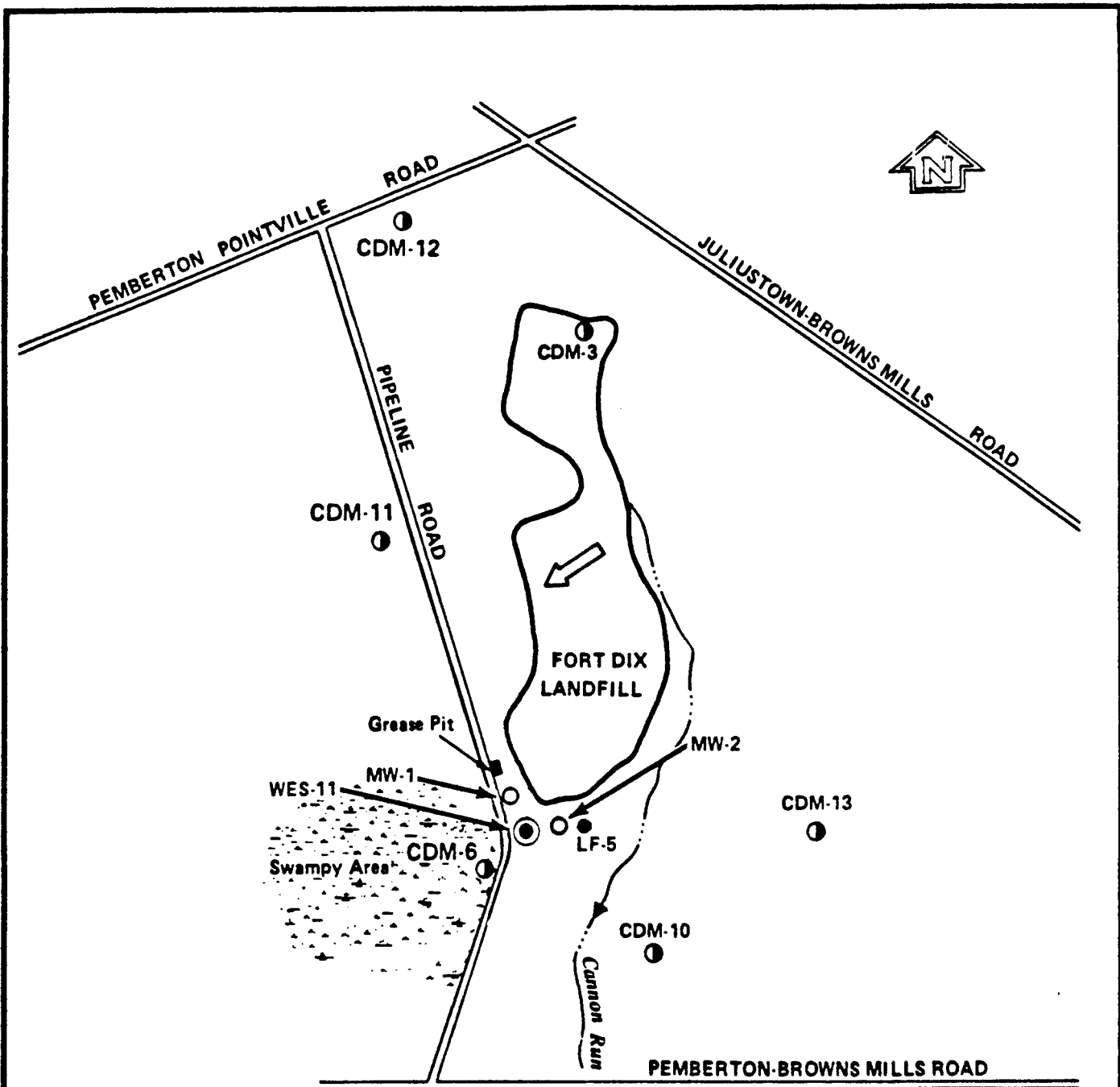
Attachment

MN:tjv

TABLE 1
Wells Sampled During Third Quarter Sampling
Fort Dix Sanitary Landfill
Fort Dix, New Jersey

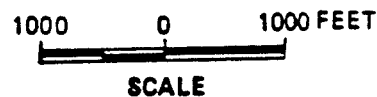
<u>Well ID</u>	<u>Well Depth (feet) (a)</u>	<u>Depth to Groundwater (feet) (a)</u>	<u>Groundwater Elevation (feet MSL)</u>	<u>Date of Water Level Measurement</u>
MW-1	35.04	16.46	84.81	9/20/90
MW-2	38.23	22.26	82.69	9/20/90
LF-5	44.59	26.73	82.16	9/20/90
WES-11	23.30	13.11	81.58	9/20/90
CDM-3	65.57	39.50	117.99	9/20/90
CDM-6	95.54	6.49	69.28	9/21/90
CDM-10	70.63	18.36	74.07	9/21/90
CDM-11	100.29	27.70	78.10	9/19/90
CDM-12	123.32	47.11	91.93	9/19/90
CDM-13	107.09	21.70	80.93	9/20/90

(a) Measured from the top of the well casing.



Legend:

- LF Wells - 1979-1982
- MW Wells - Dec, 1983 by AEHA
- ⊙ WES Cluster - May 1984 by USA CERL & WES
- ⊙ CDM Wells



← ESTIMATED GROUNDWATER FLOW DIRECTION

FIGURE 1
FORT DIX SANITARY LANDFILL, SITE 7
QUARTERLY SAMPLING LOCATIONS

TABLE 2

**Analytical Results - Third Quarter Sampling
Quarterly Groundwater Monitoring
Fort Dix, New Jersey
(Analytes Present Above Detection Limits)**

CHEMICAL REPORT
 Installation: Fort Dix (DX)
 Media File Code: CGW Sampling Date Range: 01-sep-90 to 12-31-90
 * Non-detected Compounds NOT Included *

Site Type	Site ID	Method		Sample Date	Meas.	
		Code	Test Name		Bool.	Value
WELL	CDM-10	SD20	PB	21-sep-1990		5.530 UGL
WELL	CDM-11	SD20	PB	20-sep-1990		2.390 UGL
WELL	CDM-12	UM20	MEC6H5	19-sep-1990		12.700 UGL
WELL	CDM-13	SD20	PB	20-sep-1990		2.600 UGL
WELL	CDM-6	UM20	TRCLE	21-sep-1990		0.867 UGL
WELL	LF-5	UM20	11DCLE	20-sep-1990		6.100 UGL
		UM20	UNK014	20-sep-1990		60.000 UGL
WELL	MW-1	UM20	11DCLE	20-sep-1990		1.220 UGL
		UM20	12DCLE	20-sep-1990		1.710 UGL
		UM20	C2H5CL	20-sep-1990		4.490 UGL
		UM20	C6H6	20-sep-1990		5.640 UGL
		UM20	C6H6	20-sep-1990		9.900 UGL
		UM20	ETC6H5	20-sep-1990		3.900 UGL
		UM20	ETC6H5	20-sep-1990		4.760 UGL
		UM20	UNK014	20-sep-1990		10.000 UGL
		UM20	UNK014	20-sep-1990		20.000 UGL
		UM20	UNK133	20-sep-1990		6.000 UGL
WELL	MW-2	SD22	AS	20-sep-1990		6.930 UGL
		UM20	ETC6H5	20-sep-1990		19.000 UGL
		UM20	UNK014	20-sep-1990		200.000 UGL

** End of Report - 20 Records Found **

TABLE 3

**Analytical Results - Third Quarter Sampling
Quarterly Groundwater Monitoring
Fort Dix, New Jersey
(All Analytical Data)**

CHEMICAL REPORT

Installation: Fort Dix (DX)

Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

* Non-detected Compounds Included *

Site Type	Site ID	Method		Sample Date	Meas.		
		Code	Test Name		Bool.	Value	Unit Meas.
WELL	CDM-10	SB01	HG	21-sep-1990	LT	0.243	UGL
		SD09	TL	21-sep-1990	LT	6.990	UGL
		SD20	PB	21-sep-1990		5.530	UGL
		SD21	SE	21-sep-1990	LT	3.020	UGL
		SD22	AS	21-sep-1990	LT	2.540	UGL
		UM20	111TCE	21-sep-1990	LT	0.500	UGL
		UM20	112TCE	21-sep-1990	LT	1.200	UGL
		UM20	11DCE	21-sep-1990	LT	0.500	UGL
		UM20	11DCLE	21-sep-1990	LT	0.680	UGL
		UM20	12DCE	21-sep-1990	LT	0.500	UGL
		UM20	12DCLE	21-sep-1990	LT	0.500	UGL
		UM20	12DCLP	21-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	21-sep-1990	LT	0.710	UGL
		UM20	ACET	21-sep-1990	LT	13.000	UGL
		UM20	ACROLN	21-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	21-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	21-sep-1990	LT	0.590	UGL
		UM20	C13DCP	21-sep-1990	LT	0.580	UGL
		UM20	C2AVE	21-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	21-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	21-sep-1990	LT	1.900	UGL
		UM20	C6H6	21-sep-1990	LT	0.500	UGL
		UM20	CCL3F	21-sep-1990	LT	1.400	UGL
		UM20	CCL4	21-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	21-sep-1990	LT	2.300	UGL
		UM20	CH3BR	21-sep-1990	LT	5.800	UGL
		UM20	CH3CL	21-sep-1990	LT	3.200	UGL
		UM20	CHBR3	21-sep-1990	LT	2.600	UGL
		UM20	CHCL3	21-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	21-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	21-sep-1990	LT	0.500	UGL
		UM20	CS2	21-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	21-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	21-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	21-sep-1990	LT	0.500	UGL
		UM20	MEK	21-sep-1990	LT	6.400	UGL
		UM20	MIBK	21-sep-1990	LT	3.000	UGL
		UM20	MNBK	21-sep-1990	LT	3.600	UGL
		UM20	STYR	21-sep-1990	LT	0.500	UGL
		UM20	T13DCP	21-sep-1990	LT	0.700	UGL
		UM20	TCLEA	21-sep-1990	LT	0.510	UGL
		UM20	TCLEE	21-sep-1990	LT	1.600	UGL
UM20	TRCLE	21-sep-1990	LT	0.500	UGL		
UM20	XYLEN	21-sep-1990	LT	0.840	UGL		

CHEMICAL REPORT
 Installation: Fort Dix (DX)
 Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

Site Type	Site ID	Method		Sample Date	Meas.		Unit Meas.
		Code	Test Name		Bool.	Value	
WELL	CDM-11	SB01	HG	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL
		SD20	PB	20-sep-1990		2.390	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCLE	20-sep-1990	LT	0.680	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	20-sep-1990	LT	1.900	UGL
		UM20	C6H6	20-sep-1990	LT	0.500	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CHBR3	20-sep-1990	LT	2.600	UGL
		UM20	CHCL3	20-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	20-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CS2	20-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
		UM20	TCLEE	20-sep-1990	LT	1.600	UGL
		UM20	TRCLE	20-sep-1990	LT	0.500	UGL
		UM20	XYLEN	20-sep-1990	LT	0.840	UGL

CHEMICAL REPORT

Installation: Fort Dix (DX)

Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

Site Type	Site ID	Method		Sample Date	Meas.		
		Code	Test Name		Bool.	Value	Unit Meas.
WELL	CDM-12	SB01	HG	19-sep-1990	LT	0.243	UGL
		SD09	TL	19-sep-1990	LT	6.990	UGL
		SD20	PB	19-sep-1990	LT	1.260	UGL
		SD21	SE	19-sep-1990	LT	3.020	UGL
		SD22	AS	19-sep-1990	LT	2.540	UGL
4(h)	CDM-12	UM20	111TCE	19-sep-1990	LT	0.500	UGL
		UM20	112TCE	19-sep-1990	LT	1.200	UGL
		UM20	11DCE	19-sep-1990	LT	0.500	UGL
		UM20	11DCLE	19-sep-1990	LT	0.680	UGL
		UM20	12DCE	19-sep-1990	LT	0.500	UGL
		UM20	12DCLE	19-sep-1990	LT	0.500	UGL
		UM20	12DCLP	19-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	19-sep-1990	LT	0.710	UGL
		UM20	ACET	19-sep-1990	LT	13.000	UGL
		UM20	ACROLN	19-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	19-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	19-sep-1990	LT	0.590	UGL
		UM20	C13DCP	19-sep-1990	LT	0.580	UGL
		UM20	C2AVE	19-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	19-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	19-sep-1990	LT	1.900	UGL
		UM20	C6H6	19-sep-1990	LT	0.500	UGL
		UM20	CCL3F	19-sep-1990	LT	1.400	UGL
		UM20	CCL4	19-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	19-sep-1990	LT	2.300	UGL
		UM20	CH3BR	19-sep-1990	LT	5.800	UGL
		UM20	CH3CL	19-sep-1990	LT	3.200	UGL
		UM20	CHBR3	19-sep-1990	LT	2.600	UGL
		UM20	CHCL3	19-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	19-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	19-sep-1990	LT	0.500	UGL
		UM20	CS2	19-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	19-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	19-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	19-sep-1990		12.700	UGL
		UM20	MEK	19-sep-1990	LT	6.400	UGL
		UM20	MIBK	19-sep-1990	LT	3.000	UGL
		UM20	MNBK	19-sep-1990	LT	3.600	UGL
		UM20	STYR	19-sep-1990	LT	0.500	UGL
		UM20	T13DCP	19-sep-1990	LT	0.700	UGL
UM20	TCLEA	19-sep-1990	LT	0.510	UGL		
UM20	TCLEE	19-sep-1990	LT	1.600	UGL		
UM20	TRCLE	19-sep-1990	LT	0.500	UGL		
UM20	XYLEN	19-sep-1990	LT	0.840	UGL		
WELL	CDM-13	SB01	HG	20-sep-1990	LT	0.243	UGL

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Installation: Fort Dix (DX)

Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

Site Type	Site ID	Method		Sample Date	Meas.		Unit Meas.
		Code	Test Name		Bool.	Value	
WELL	CDM-13	SD09	TL	20-sep-1990	LT	6.990	UGL
		SD20	PB	20-sep-1990		2.600	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCLE	20-sep-1990	LT	0.680	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	20-sep-1990	LT	1.900	UGL
		UM20	C6H6	20-sep-1990	LT	0.500	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CHBR3	20-sep-1990	LT	2.600	UGL
		UM20	CHCL3	20-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	20-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CS2	20-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
UM20	TCLEE	20-sep-1990	LT	1.600	UGL		
UM20	TRCLE	20-sep-1990	LT	0.500	UGL		
UM20	XYLEN	20-sep-1990	LT	0.840	UGL		
WELL	CDM-3	SB01	HG	20-sep-1990	LT	0.243	UGL

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Site Type	Site ID	Method		Sample Date	Meas.		Unit Meas.
		Code	Test Name		Bool.	Value	
WELL	CDM-3	SD09	TL	20-sep-1990	LT	6.990	UGL
		SD20	PB	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCLE	20-sep-1990	LT	0.680	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	20-sep-1990	LT	1.900	UGL
		UM20	C6H6	20-sep-1990	LT	0.500	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CHBR3	20-sep-1990	LT	2.600	UGL
		UM20	CHCL3	20-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	20-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CS2	20-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
UM20	TCLEE	20-sep-1990	LT	1.600	UGL		
UM20	TRCLE	20-sep-1990	LT	0.500	UGL		
UM20	XYLEN	20-sep-1990	LT	0.840	UGL		
WELL	CDM-6	SB01	HG	21-sep-1990	LT	0.243	UGL
		SD09	TL	21-sep-1990	LT	6.990	UGL

CHEMICAL REPORT

Installation: Fort Dix (DX)

Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

Site Type	Site ID	Method		Sample Date	Meas.		
		Code	Test Name		Bool.	Value	Unit Meas.
WELL	CDM-6	SD20	PB	21-sep-1990	LT	1.260	UGL
		SD21	SE	21-sep-1990	LT	3.020	UGL
		SD22	AS	21-sep-1990	LT	2.540	UGL
		UM20	111TCE	21-sep-1990	LT	0.500	UGL
		UM20	112TCE	21-sep-1990	LT	1.200	UGL
		UM20	11DCE	21-sep-1990	LT	0.500	UGL
		UM20	11DCLE	21-sep-1990	LT	0.680	UGL
		UM20	12DCE	21-sep-1990	LT	0.500	UGL
		UM20	12DCLE	21-sep-1990	LT	0.500	UGL
		UM20	12DCLP	21-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	21-sep-1990	LT	0.710	UGL
		UM20	ACET	21-sep-1990	LT	13.000	UGL
		UM20	ACROLN	21-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	21-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	21-sep-1990	LT	0.590	UGL
		UM20	C13DCP	21-sep-1990	LT	0.580	UGL
		UM20	C2AVE	21-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	21-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	21-sep-1990	LT	1.900	UGL
		UM20	C6H6	21-sep-1990	LT	0.500	UGL
		UM20	CCL3F	21-sep-1990	LT	1.400	UGL
		UM20	CCL4	21-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	21-sep-1990	LT	2.300	UGL
		UM20	CH3BR	21-sep-1990	LT	5.800	UGL
		UM20	CH3CL	21-sep-1990	LT	3.200	UGL
		UM20	CHBR3	21-sep-1990	LT	2.600	UGL
		UM20	CHCL3	21-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	21-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	21-sep-1990	LT	0.500	UGL
		UM20	CS2	21-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	21-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	21-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	21-sep-1990	LT	0.500	UGL
		UM20	MEK	21-sep-1990	LT	6.400	UGL
		UM20	MIBK	21-sep-1990	LT	3.000	UGL
		UM20	MNBK	21-sep-1990	LT	3.600	UGL
		UM20	STYR	21-sep-1990	LT	0.500	UGL
		UM20	T13DCP	21-sep-1990	LT	0.700	UGL
		UM20	TCLEA	21-sep-1990	LT	0.510	UGL
		UM20	TCLEE	21-sep-1990	LT	1.600	UGL
UM20	TRCLE	21-sep-1990	LT	0.867	UGL		
UM20	XYLEN	21-sep-1990	LT	0.840	UGL		
WELL	LF-5	SB01	HG	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL

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Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

Site Type	Site ID	Method		Sample Date	Meas.		Unit Meas.
		Code	Test Name		Bool.	Value	
WELL	LF-5	SD20	PB	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCLE	20-sep-1990		6.100	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	20-sep-1990	LT	1.900	UGL
		UM20	C6H6	20-sep-1990	LT	0.500	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CHBR3	20-sep-1990	LT	2.600	UGL
		UM20	CHCL3	20-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	20-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CS2	20-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
		UM20	TCLEE	20-sep-1990	LT	1.600	UGL
UM20	TRCLE	20-sep-1990		0.500	UGL		
UM20	UNK014	20-sep-1990		60.000	UGL		
UM20	XYLEN	20-sep-1990	LT	0.840	UGL		
WELL	MW-1	SB01	HG	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL

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Media File Code: CGW Sampling Date Range: 01-aug-90 to 31-dec-90

Site Type	Site ID	Method		Sample Date	Meas.		
		Code	Test Name		Bool.	Value	Unit Meas.
WELL	MW-1	SD20	PB	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	111TCE	20-sep-1990	LT	2.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	112TCE	20-sep-1990	LT	6.000	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCE	20-sep-1990	LT	2.500	UGL
		UM20	11DCL	20-sep-1990		1.220	UGL
		UM20	11DCL	20-sep-1990	LT	3.400	UGL
		UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCE	20-sep-1990	LT	2.500	UGL
		UM20	12DCL	20-sep-1990		1.710	UGL
		UM20	12DCL	20-sep-1990	LT	2.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	2.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	2CLEVE	20-sep-1990	LT	3.550	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACET	20-sep-1990	LT	65.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACROLN	20-sep-1990	ND	500.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	500.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	BRDCLM	20-sep-1990	LT	2.950	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C13DCP	20-sep-1990	LT	2.900	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2AVE	20-sep-1990	LT	41.500	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H3CL	20-sep-1990	LT	13.000	UGL
		UM20	C2H5CL	20-sep-1990		4.490	UGL
		UM20	C2H5CL	20-sep-1990	LT	9.500	UGL
		UM20	C6H6	20-sep-1990		5.640	UGL
		UM20	C6H6	20-sep-1990		9.900	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL3F	20-sep-1990	LT	7.000	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CCL4	20-sep-1990	LT	2.900	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH2CL2	20-sep-1990	LT	11.500	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3BR	20-sep-1990	LT	29.000	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CH3CL	20-sep-1990	LT	16.000	UGL
		UM20	CHBR3	20-sep-1990	LT	2.600	UGL

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Site Type	Site ID	Method		Sample Date	Meas.		Unit Meas.
		Code	Test Name		Bool.	Value	
WELL	MW-1	UM20	CHBR3	20-sep-1990	LT	13.000	UGL
		UM20	CHCL3	20-sep-1990	LT	0.500	UGL
		UM20	CHCL3	20-sep-1990	LT	2.500	UGL
		UM20	CL2BZ	20-sep-1990	ND	10.000	UGL
		UM20	CL2BZ	20-sep-1990	ND	50.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CLC6H5	20-sep-1990	LT	2.500	UGL
		UM20	CS2	20-sep-1990	LT	0.500	UGL
		UM20	CS2	20-sep-1990	LT	2.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	DBRCLM	20-sep-1990	LT	3.350	UGL
		UM20	ETC6H5	20-sep-1990		3.900	UGL
		UM20	ETC6H5	20-sep-1990		4.760	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	2.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MEK	20-sep-1990	LT	32.000	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MIBK	20-sep-1990	LT	15.000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	MNBK	20-sep-1990	LT	18.000	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	STYR	20-sep-1990	LT	2.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	T13DCP	20-sep-1990	LT	3.500	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
		UM20	TCLEA	20-sep-1990	LT	2.550	UGL
		UM20	TCLEE	20-sep-1990	LT	1.600	UGL
		UM20	TCLEE	20-sep-1990	LT	8.000	UGL
		UM20	TRCLE	20-sep-1990	LT	0.500	UGL
		UM20	TRCLE	20-sep-1990	LT	2.500	UGL
		UM20	UNK014	20-sep-1990		10.000	UGL
		UM20	UNK014	20-sep-1990		20.000	UGL
		UM20	UNK133	20-sep-1990		6.000	UGL
UM20	XYLEN	20-sep-1990	LT	0.840	UGL		
UM20	XYLEN	20-sep-1990	LT	4.200	UGL		
WELL	MW-2	SB01	HG	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL
		SD20	PB	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990		6.930	UGL
		UM20	111TCE	20-sep-1990	LT	5.000	UGL
		UM20	112TCE	20-sep-1990	LT	12.000	UGL
		UM20	11DCE	20-sep-1990	LT	5.000	UGL
		UM20	11DCLE	20-sep-1990	LT	6.800	UGL

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Site Type	Site ID	Method			Meas.		
		Code	Test Name	Sample Date	Bool.	Value	Unit Meas.
WELL	MW-2	UM20	12DCE	20-sep-1990	LT	5.000	UGL
		UM20	12DCL	20-sep-1990	LT	5.000	UGL
		UM20	12DCLP	20-sep-1990	LT	5.000	UGL
		UM20	2CLEVE	20-sep-1990	LT	7.100	UGL
		UM20	ACET	20-sep-1990	LT	130.000	UGL
		UM20	ACROLN	20-sep-1990	ND	1000.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	1000.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	5.900	UGL
		UM20	C13DCP	20-sep-1990	LT	5.800	UGL
		UM20	C2AVE	20-sep-1990	LT	83.000	UGL
		UM20	C2H3CL	20-sep-1990	LT	26.000	UGL
		UM20	C2H5CL	20-sep-1990	LT	19.000	UGL
		UM20	C6H6	20-sep-1990	LT	5.000	UGL
		UM20	CCL3F	20-sep-1990	LT	14.000	UGL
		UM20	CCL4	20-sep-1990	LT	5.800	UGL
		UM20	CH2CL2	20-sep-1990	LT	23.000	UGL
		UM20	CH3BR	20-sep-1990	LT	58.000	UGL
		UM20	CH3CL	20-sep-1990	LT	32.000	UGL
		UM20	CHBR3	20-sep-1990	LT	26.000	UGL
		UM20	CHCL3	20-sep-1990	LT	5.000	UGL
		UM20	CL2BZ	20-sep-1990	ND	100.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	5.000	UGL
		UM20	CS2	20-sep-1990	LT	5.000	UGL
		UM20	DBRCLM	20-sep-1990	LT	6.700	UGL
		UM20	ETC6H5	20-sep-1990		19.000	UGL
		UM20	MEC6H5	20-sep-1990	LT	5.000	UGL
		UM20	MEK	20-sep-1990	LT	64.000	UGL
		UM20	MIBK	20-sep-1990	LT	30.000	UGL
		UM20	MNBK	20-sep-1990	LT	36.000	UGL
		UM20	STYR	20-sep-1990	LT	5.000	UGL
		UM20	T13DCP	20-sep-1990	LT	7.000	UGL
		UM20	TCLEA	20-sep-1990	LT	5.100	UGL
		UM20	TCLEE	20-sep-1990	LT	16.000	UGL
UM20	TRCLE	20-sep-1990	LT	5.000	UGL		
UM20	UNK014	20-sep-1990		200.000	UGL		
UM20	XYLEN	20-sep-1990	LT	8.400	UGL		
WELL	WES-11	SB01	HG	20-sep-1990	LT	0.243	UGL
		SD09	TL	20-sep-1990	LT	6.990	UGL
		SD20	PB	20-sep-1990	LT	1.260	UGL
		SD21	SE	20-sep-1990	LT	3.020	UGL
		SD22	AS	20-sep-1990	LT	2.540	UGL
		UM20	111TCE	20-sep-1990	LT	0.500	UGL
		UM20	112TCE	20-sep-1990	LT	1.200	UGL
		UM20	11DCE	20-sep-1990	LT	0.500	UGL
		UM20	11DCL	20-sep-1990	LT	0.680	UGL

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Site Type	Site ID	Method		Sample Date	Meas.		Unit Meas.
		Code	Test Name		Bool.	Value	
WELL	WES-11	UM20	12DCE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLE	20-sep-1990	LT	0.500	UGL
		UM20	12DCLP	20-sep-1990	LT	0.500	UGL
		UM20	2CLEVE	20-sep-1990	LT	0.710	UGL
		UM20	ACET	20-sep-1990	LT	13.000	UGL
		UM20	ACROLN	20-sep-1990	ND	100.000	UGL
		UM20	ACRYLO	20-sep-1990	ND	100.000	UGL
		UM20	BRDCLM	20-sep-1990	LT	0.590	UGL
		UM20	C13DCP	20-sep-1990	LT	0.580	UGL
		UM20	C2AVE	20-sep-1990	LT	8.300	UGL
		UM20	C2H3CL	20-sep-1990	LT	2.600	UGL
		UM20	C2H5CL	20-sep-1990	LT	1.900	UGL
		UM20	C6H6	20-sep-1990	LT	0.500	UGL
		UM20	CCL3F	20-sep-1990	LT	1.400	UGL
		UM20	CCL4	20-sep-1990	LT	0.580	UGL
		UM20	CH2CL2	20-sep-1990	LT	2.300	UGL
		UM20	CH3BR	20-sep-1990	LT	5.800	UGL
		UM20	CH3CL	20-sep-1990	LT	3.200	UGL
		UM20	CHBR3	20-sep-1990	LT	2.600	UGL
		UM20	CHCL3	20-sep-1990	LT	0.500	UGL
		UM20	CL2BZ	20-sep-1990	ND	10.000	UGL
		UM20	CLC6H5	20-sep-1990	LT	0.500	UGL
		UM20	CS2	20-sep-1990	LT	0.500	UGL
		UM20	DBRCLM	20-sep-1990	LT	0.670	UGL
		UM20	ETC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEC6H5	20-sep-1990	LT	0.500	UGL
		UM20	MEK	20-sep-1990	LT	6.400	UGL
		UM20	MIBK	20-sep-1990	LT	3.000	UGL
		UM20	MNBK	20-sep-1990	LT	3.600	UGL
		UM20	STYR	20-sep-1990	LT	0.500	UGL
		UM20	T13DCP	20-sep-1990	LT	0.700	UGL
		UM20	TCLEA	20-sep-1990	LT	0.510	UGL
		UM20	TCLEE	20-sep-1990	LT	1.600	UGL
		UM20	TRCLE	20-sep-1990	LT	0.500	UGL
		UM20	XYLEN	20-sep-1990	LT	0.840	UGL

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