LAWYERS CREEK STUDY

Lewis County

Data Collected 1979

Final Summary October 1980

Department of Health and Welfare
Division of Environment
Statehouse
Boise, Idaho 83720

Water Quality Summary
No. 4

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SUMMARY OF LAWYERS CREEK STUDY

In Water Year 1979 a water quality study was conducted on Lawyers Creek in Lewis County to obtain data for development of effluent limitations for the City of Craigmont. The study provided approximately bi-monthly monitoring on one Lawyers Creek station, four Craigmont Creek stations, and the Craigmont sewage lagoon outfall. The parameter categories in the study included the following:

Temperature	Solids
Dissolved Oxygen	Select Ions
pH	Nutrients
Bacteria	Trace Inorganic Toxins
Oxygen Demand	

The major water quality problems on Lawyers Creek and Craigmont Creek were bacteria violations, excessive turbidity, and trophic nutrient concentrations. One violation of the 6.0 mg/l dissolved oxygen standard was recorded on Craigmont Creek and a few sporadic high ammonia concentrations were observed on Craigmont Creek and on Lawyers Creek. Residual chlorine concentrations were also measurable in Craigmont Creek below Craigmont's discharge.

The study found that the Craigmont discharge can depress Craigmont Creek dissolved oxygen concentrations and increase the total phosphorus, total inorganic nitrogen, and ammonia concentrations in the stream. However, since Craigmont Creek will only physically support the uses of agricultural

water supply, secondary contact recreation, and aesthetics, the provision of secondary treatment for Craigmont should be adequate to maintain beneficial uses.

DATA INVENTORY

STORET RETRIEVAL DATE 80/09/18 - INVENT - VERSION OF AUG. 1980

2020018
46 14 10.0 116 27 20.0 5
LAWYER CR SUR-CRAIGMONT CR B LAG
16061 IDAHO
PACIFIC NORTHWEST
LOWER SNAKE RIVER BASIN
21IDSURV 760630
0000 CLASS 00

/TYPA/AMBNT/STREAM

INDEX 1310001 002740 01350 1280 0120
MILES 0324.30 0139.30 067.60 024.00 004.10

PARAMETER				NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
00010	WATER	TEMP	CENT	7	11.5286	61.7824	7.86018	.681800	2.97087	21.0000	.000000	75/10/22	79/08/13
00070	TURB	JKSN	JTU	1	45.0000					45.0000	45.0000	75/10/22	75/10/22
00076	TURB	TRBIDMTR	HACH FTU	6	13.7000	145.196	12.0497	.879543	4.91928	36.0000	2.80000	78/10/23	79/08/13
00095	CNDUCTVY	AT 25C	MICROMHO	7	494.000	24822.0	157.550	.318927	59.5483	724.000	283.000	75/10/22	79/08/13
00116	INTNSVE	SURVEY	IDENT	6	781605	-.629E+06	.000000		.000000	781605	781605	78/10/23	79/08/13
00300	DO		MG/L	7	9.32856	2.55245	1.59764	.171263	.603851	11.9000	7.40000	75/10/22	79/08/13
00335	COD	LOWLEVEL	MG/L	1	62.0000					62.0000	62.0000	78/10/23	78/10/23
00400	PH		SU	7	8.17142	.832479	.912403	.111658	.344856	9.40000	7.00000	75/10/22	79/08/13
00403	LAB	PH	SU	4	8.02500	.369222	.607636	.075718	.303818	8.60000	7.50000	75/10/22	79/08/13
00410	T ALK	CACO3	MG/L	1	146.000					146.000	146.000	75/10/22	75/10/22
00500	RESIDUE	TOTAL	MG/L	7	388.428	5325.16	72.9737	.187869	27.5815	488.000	275.000	75/10/22	79/08/13
00520	RESIDUE	VOL FLT	MG/L	1	24.0000					24.0000	24.0000	75/10/22	75/10/22
00530	RESIDUE	TOT NFLT	MG/L	6	40.0167	544.122	23.3264	.582918	9.52297	68.0000	14.0000	78/10/23	79/08/13
00610	NH3+NH4-	N TOTAL	MG/L	7	2.06536	5.22408	2.28562	1.10665	.863885	5.70652	.097000	75/10/22	79/08/13
00615	NO2-N	TOTAL	MG/L	7	.063933	.000980	.031307	.489679	.011833	.104000	.020000	75/10/22	79/08/13
00620	NO3-N	TOTAL	MG/L	7	2.19604	4.53140	2.12871	.969342	.804577	6.58000	.002257	75/10/22	79/08/13
00625	TOT KJEL	N	MG/L	7	6.39285	6.69210	2.58691	.404656	.977760	9.20000	2.85000	75/10/22	79/08/13
00630	NO2&NO3	N-TOTAL	MG/L	6	2.62683	4.27129	2.06671	.786769	.843731	6.61200	.949000	78/10/23	79/08/13
00650	T PO4	PO4	MG/L	1	5.10000					5.10000	5.10000	75/10/22	75/10/22
00665	PHOS-TOT		MG/L P	7	1.67286	.833590	.913012	.545780	.345086	2.90000	.540000	75/10/22	79/08/13
00929	SODIUM	NA,TOT	MG/L	1	16.8000					16.8000	16.8000	75/10/22	75/10/22
00937	POTSSIUM	K,TOT	MG/L	1	3.30000					3.30000	3.30000	75/10/22	75/10/22
00940	CHLORIDE	CL	MG/L	7	29.9428	374.086	19.3413	.645941	7.31033	57.7000	7.00000	75/10/22	79/08/13
01045	IRON	FE,TOT	UG/L	1	2480.00					2480.00	2480.00	75/10/22	75/10/22
01055	MANGNESE	MN	UG/L	1	320.000					320.000	320.000	75/10/22	75/10/22
31501	TOT COLI	MFIMENDO	/100ML	1	55000.0					55000.0	55000.0	75/10/22	75/10/22
31616	FEC COLI	MFM-FCBR	/100ML	7	298.714	73248.3	270.644	.906031	102.294	600.000	1.00000	75/10/22	79/08/13
31679	FECSTREP	MF M-ENT	/100ML	6	612.666	1001913	1000.96	1.63377	408.638	2500.00	1.00000	78/10/23	79/08/13
50060	CHLORINE	TOT RESD	MG/L	4	.900000	1.88667	1.37356	1.52618	.686779	2.90000	.000000	79/01/22	79/08/13
70507	PHOS-T	ORTHO	MG/L P	7	1.20660	.754227	.868462	.719762	.328248	2.58000	.403000	75/10/22	79/08/13

STORET RETRIEVAL DATE 80/09/18 - INVENT - VERSION OF AUG. 1980

2020019
46 14 10.0 116 27 19.0 5
LAWYER CR SUR-CRAIGMONT CR A LAG
16061 IDAHO
PACIFIC NORTHWEST
LOWER SNAKE RIVER BASIN
211DSURV 760630
0000 CLASS 00

/TYPA/AMBNT/STREAM

INDEX 1310001 002740 01350 1280 0120
MILES 0324.30 0139.30 067.60 024.00 004.00

PARAMETER				NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
00010	WATER	TEMP	CENT	7	11.0000	64.2500	8.01561	.728692	3.02962	22.0000	.000000	75/10/22	79/08/13
00061	STREAM	FLOW,	INST-CFS	4	1.45125	2.56450	1.60140	1.10347	.800703	3.47000	.065000	78/10/23	79/08/13
00070	TURB	JKSN	JTU	1	23.0000					23.0000	23.0000	75/10/22	75/10/22
00076	TURB	TRBIDMTR	HACH FTU	7	10.0857	152.848	12.3632	1.22581	4.67284	37.0000	1.10000	78/08/13	79/08/13
00095	CNDUCTVY	AT 25C	MICROMHO	8	422.125	11245.3	106.044	.251214	37.4921	545.000	251.000	75/10/22	79/08/13
00116	INTNSVE	SURVEY	IDENT	7	781605-	.699E+06	.000000		.000000	781605	781605	78/08/13	79/08/13
00300	DO		MG/L	7	10.4714	8.28243	2.87792	.274836	1.08775	16.0000	7.40000	75/10/22	79/08/13
00335	COD	LOWLEVEL	MG/L	1	19.1000					19.1000	19.1000	78/10/23	78/10/23
00400	PH		SU	7	7.77142	.359090	.599241	.077108	.226492	8.60000	7.10000	75/10/22	79/08/13
00403	LAB	PH	SU	5	7.64000	.033081	.181862	.023807	.081340	7.90000	7.40000	75/10/22	79/08/13
00410	T ALK	CACO3	MG/L	1	120.000					120.000	120.000	75/10/22	75/10/22
00500	RESIDUE	TOTAL	MG/L	8	310.287	1234.01	35.1285	.113213	12.4198	350.300	243.000	75/10/22	79/08/13
00530	RESIDUE	TOT NFLT	MG/L	7	16.8143	629.307	25.0860	1.49195	9.48162	73.0000	2.00000	78/08/13	79/08/13
00535	RESIDUE	VOL NFLT	MG/L	1	17.0000					17.0000	17.0000	75/10/22	75/10/22
00610	NH3+NH4-	N TOTAL	MG/L	8	.671955	2.26348	1.50449	2.23897	.531916	4.38664	.049000	75/10/22	79/08/13
00615	NO2-N	TOTAL	MG/L	1	.063222					.063222	.063222	75/10/22	75/10/22
00620	NO3-N	TOTAL	MG/L	1	5.03386					5.03386	5.03386	75/10/22	75/10/22
00625	TOT KJEL	N	MG/L	8	2.09250	3.52902	1.87857	.897764	.664175	6.60000	.900000	75/10/22	79/08/13
00630	NO2&NO3	N-TOTAL	MG/L	7	3.57285	3.29104	1.81412	.507752	.685674	6.94000	1.67000	78/08/13	79/08/13
00650	T PO4	PO4	MG/L	1	2.02000					2.02000	2.02000	75/10/22	75/10/22
00665	PHOS-TOT		MG/L P	8	.305000	.027286	.165184	.541588	.058401	.660000	.110000	75/10/22	79/08/13
00940	CHLORIDE	CL	MG/L	8	18.2500	212.298	14.5704	.798381	5.15143	38.0000	4.00000	75/10/22	79/08/13
31501	TOT COLI	MFIMENDO	/100ML	1	80000.0					80000.0	80000.0	75/10/22	75/10/22
31616	FEC COLI	MFM-FCBR	/100ML	7	291.000	244116	494.081	1.69787	186.745	1300.00	2.00000	75/10/22	79/08/13
31679	FECSTREP	MF M-ENT	/100ML	6	900.333	3859328	1964.52	2.18199	802.011	4900.00	7.00000	78/10/23	79/08/13
70507	PHOS-T	ORTHO	MG/L P	8	.241492	.033444	.182876	.757557	.064656	.642220	.069000	75/10/22	79/08/13

STORET RETRIEVAL DATE 80/09/18 - INVENT - VERSION OF AUG. 1980

2020020
46 12 10.0 116 25 30.0 5
LAWYER CR SUR-CRAIGMONT CR MOUTH
16061 IDAHO
PACIFIC NORTHWEST
LOWER SNAKE RIVER BASIN
21IDSURV 760630
0000 CLASS 00

/TYPA/AMBNT/STREAM

INDEX 1310001 002740 01350 1280 0120
MILES 0324.30 0139.30 067.60 024.00 000.10

PARAMETER				NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
00010	WATER	TEMP	CENT	7	9.81429	58.6081	7.65559	.780046	2.89354	19.2000	.000000	75/10/22	79/08/13
00061	STREAM	FLOW,	INST-CFS	4	3.28500	27.6449	5.25784	1.60056	2.62892	11.1400	.000000	78/10/23	79/08/13
00070	TURB	JKSN	JTU	1	27.0000					27.0000	27.0000	75/10/22	75/10/22
00076	TURB	TRBIDMTR	HACH FTU	6	6.69999	30.3440	5.50854	.822171	2.24885	17.0000	.900000	78/10/23	79/08/13
00095	CNDUCTVY	AT 25C	MICROMHO	7	410.857	10523.2	102.582	.249679	38.7725	552.000	283.000	75/10/22	79/08/13
00116	INTNSVE	SURVEY	IDENT	6	781605	-.629E+06	.000000		.000000	781605	781605	78/10/23	79/08/13
00300	DO		MG/L	7	10.6857	7.12821	2.66987	.249854	1.00912	15.8000	8.40000	75/10/22	79/08/13
00335	COD	LOWLEVEL	MG/L	1	20.6000					20.6000	20.6000	78/10/23	78/10/23
00400	PH		SU	7	7.84285	.302897	.550361	.070174	.208017	8.60000	7.20000	75/10/22	79/08/13
00403	LAB	PH	SU	4	7.95000	.150050	.387363	.048725	.193681	8.50000	7.60000	75/10/22	79/08/13
00410	T ALK	CACO3	MG/L	1	122.000					122.000	122.000	75/10/22	75/10/22
00500	RESIDUE	TOTAL	MG/L	7	302.357	1569.21	39.6132	.131015	14.9724	349.500	249.000	75/10/22	79/08/13
00520	RESIDUE	VOL FLT	MG/L	1	21.0000					21.0000	21.0000	75/10/22	75/10/22
00530	RESIDUE	TOT NFLT	MG/L	6	11.7667	50.4067	7.09977	.603380	2.89847	24.0000	2.00000	78/10/23	79/08/13
00610	NH3+NH4-	N TOTAL	MG/L	7	1.03255	2.29914	1.51629	1.46849	.573105	3.68789	.043000	75/10/22	79/08/13
00615	NO2-N	TOTAL	MG/L	1	.039210					.039210	.039210	75/10/22	75/10/22
00620	NO3-N	TOTAL	MG/L	1	7.06547					7.06547	7.06547	75/10/22	75/10/22
00625	TOT KJEL	N	MG/L	7	2.65000	5.64918	2.37680	.896907	.898346	7.70000	1.00000	75/10/22	79/08/13
00630	NO2&NO3	N-TOTAL	MG/L	6	1.93000	4.08808	2.02190	1.04762	.825437	5.88000	.070000	78/10/23	79/08/13
00650	T PO4	PO4	MG/L	1	3.12000					3.12000	3.12000	75/10/22	75/10/22
00665	PHOS-TOT		MG/L P	7	.671428	.091514	.302513	.450552	.114339	1.13000	.310000	75/10/22	79/08/13
00940	CHLORIDE	CL	MG/L	7	17.7857	172.128	13.1198	.737658	4.95880	42.3000	5.00000	75/10/22	79/08/13
31501	TOT COLI	MFIMENDO	/100ML	1	80000.0					80000.0	80000.0	75/10/22	75/10/22
31616	FEC COLI	MFM-FCBR	/100ML	7	143.286	45687.6	213.747	1.49175	80.7886	600.000	6.00000	75/10/22	79/08/13
31679	FECSTREP	MF M-ENT	/100ML	6	88.6667	30007.5	173.227	1.95368	70.7195	440.000	2.00000	78/10/23	79/08/13
50060	CHLORINE	TOT RESD	MG/L	1	.020000					.020000	.020000	79/03/19	79/03/19
70507	PHOS-T	ORTHO	MG/L P	7	.522474	.068241	.261229	.499985	.098735	.910000	.260000	75/10/22	79/08/13

STORET RETRIEVAL DATE 80/09/18 - INVENT - VERSION OF AUG. 1980

2020150
46 12 05.0 116 25 10.0 2
LAWYERS CR UPSTREAM CONF CRAIGMONT
16061 IDAHO LEWIS
PACIFIC NORTHWEST 130800
LOWER SNAKE
211DSURV 790901
0000 CLASS 00

/TYPA/AMBNT/STREAM

INDEX 1310001 002740 01350 1260
MILES 0324.30 0139.30 067.60 024.60

PARAMETER				NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
00010	WATER	TEMP	CENT	6	9.83333	58.1667	7.62671	.775598	3.11359	19.0000	.000000	78/10/23	79/08/13
00061	STREAM	FLOW,	INST-CFS	4	32.8150	2563.83	50.6342	1.54302	25.3171	107.860	1.60000	78/10/23	79/08/13
00076	TURB	TRBIDMTR	HACH FTU	6	14.8000	252.996	15.9059	1.07472	6.49354	37.0000	.700000	78/10/23	79/08/13
00095	CNDUCTVY	AT 25C	MICROMHO	6	199.333	8330.69	91.2726	.457889	37.2619	307.000	81.0000	78/10/23	79/08/13
00116	INTNSVE	SURVEY	IDENT	6	781605	-.629E+06	.000000		.000000	781605	781605	78/10/23	79/08/13
00300	DO		MG/L	6	10.4333	2.12676	1.45834	.139777	.595365	12.5000	8.90000	78/10/23	79/08/13
00335	COD	LOWLEVEL	MG/L	1	12.1000					12.1000	12.1000	78/10/23	78/10/23
00400	PH		SU	6	7.70000	.548047	.740302	.096143	.302227	8.90000	7.00000	78/10/23	79/08/13
00403	LAB	PH	SU	3	7.23333	.003410	.058398	.008073	.033716	7.30000	7.20000	79/03/19	79/08/13
00500	RESIDUE	TOTAL	MG/L	6	175.817	668.725	25.8597	.147083	10.5572	214.000	142.000	78/10/23	79/08/13
00530	RESIDUE	TOT NFLT	MG/L	6	12.8667	128.567	11.3387	.881248	4.62902	30.0000	2.00000	78/10/23	79/08/13
00610	NH3+NH4-	N TOTAL	MG/L	6	.645000	1.57764	1.25604	1.94735	.512777	3.18000	.030000	78/10/23	79/08/13
00625	TOT KJEL	N	MG/L	6	2.49000	19.0766	4.36768	1.75409	1.78310	11.4000	.500000	78/10/23	79/08/13
00630	NO2&NO3	N-TOTAL	MG/L	6	.712999	.401595	.633715	.888802	.258713	1.80000	.100000	78/10/23	79/08/13
00665	PHOS-TOT		MG/L P	6	.161667	.003057	.055287	.341982	.022571	.230000	.070000	78/10/23	79/08/13
00940	CHLORIDE	CL	MG/L	6	5.76666	12.8547	3.58534	.621736	1.46371	12.0000	2.20000	78/10/23	79/08/13
31616	FEC COLI	MFM-FCBR	/100ML	6	62.8333	4362.57	66.0498	1.05119	26.9647	170.000	6.00000	78/10/23	79/08/13
31679	FECSTREP	MF M-ENT	/100ML	6	79.1667	8978.57	94.7553	1.19691	38.6837	250.000	6.00000	78/10/23	79/08/13
70507	PHOS-T	ORTHO	MG/L P	6	.100000	.001569	.039613	.396131	.016172	.170000	.068000	78/10/23	79/08/13

STORET RETRIEVAL DATE 80/09/18 - INVENT - VERSION OF AUG. 1980

2020151
46 13 15.0 116 25 55.0 2
CRAIGMONT CR AT HWY 95 CROSSING
16061 IDAHO LEWIS
PACIFIC NORTHWEST 130800
LOWER SNAKE
21IDSURV 790901
0000 CLASS 00

/TYPA/AMBNT/STREAM

INDEX 1310001 002740 01350 1280 0120
MILES 0324.30 0139.30 067.60 024.50 001.70

PARAMETER				NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
00010	WATER	TEMP	CENT	6	12.0000	62.8000	7.92464	.660387	3.23522	21.5000	.000000	78/10/23	79/08/13
00076	TURB	TRBIDMTR	HACH FTU	6	8.35000	32.8910	5.73507	.686835	2.34133	19.0000	1.80000	78/10/23	79/08/13
00095	CNDUCTVY	AT 25C	MICROMHO	6	452.166	17209.6	131.185	.290126	53.5562	617.000	269.000	78/10/23	79/08/13
00116	INTNSVE	SURVEY	IDENT	6	781605-	.629E+06	.000000		.000000	781605	781605	78/10/23	79/08/13
00300	DO		MG/L	6	8.21666	4.55371	2.13394	.259709	.871178	10.9000	5.40000	78/10/23	79/08/13
00335	COD	LOWLEVEL	MG/L	1	47.0000					47.0000	47.0000	78/10/23	78/10/23
00400	PH		SU	6	7.65000	.323047	.568372	.074297	.232037	8.60000	7.10000	78/10/23	79/08/13
00403	LAB	PH	SU	3	7.60000	.040131	.200326	.026359	.115658	7.80000	7.40000	79/03/19	79/08/13
00500	RESIDUE	TOTAL	MG/L	6	338.233	5045.98	71.0351	.210018	29.0000	413.000	238.000	78/10/23	79/08/13
00530	RESIDUE	TOT NFLT	MG/L	6	30.1500	953.455	30.8781	1.02415	12.6059	90.0000	5.40000	78/10/23	79/08/13
00610	NH3+NH4-	N TOTAL	MG/L	6	.761166	1.61917	1.27247	1.67173	.519483	3.35000	.108000	78/10/23	79/08/13
00615	NO2-N	TOTAL	MG/L	6	.071667	.000892	.029864	.416711	.012192	.100000	.028000	78/10/23	79/08/13
00620	NO3-N	TOTAL	MG/L	6	2.12500	1.19179	1.09169	.513737	.445681	3.65000	.600000	78/10/23	79/08/13
00625	TOT KJEL	N	MG/L	6	3.30333	2.03288	1.42579	.431622	.582077	5.60000	1.90000	78/10/23	79/08/13
00630	NO2&NO3	N-TOTAL	MG/L	6	2.19667	1.18527	1.08870	.495615	.444460	3.71500	.693000	78/10/23	79/08/13
00665	PHOS-TOT		MG/L P	6	1.07000	.254962	.504937	.471904	.206140	1.89000	.490000	78/10/23	79/08/13
00940	CHLORIDE	CL	MG/L	6	26.9000	427.740	20.7302	.770639	8.46306	60.0000	3.00000	78/10/23	79/08/13
31616	FEC COLI	MFM-FCBR	/100ML	6	391.666	42736.8	206.729	.527819	84.3967	650.000	180.000	78/10/23	79/08/13
31679	FECSTREP	MF M-ENT	/100ML	6	266.500	104463	323.208	1.21279	131.949	740.000	35.0000	78/10/23	79/08/13
50060	CHLORINE	TOT RESD	MG/L	6	.120000	.032800	.181108	1.50923	.073937	.400000	.000000	78/10/23	79/08/13
70507	PHOS-T	ORTHO	MG/L P	6	.731999	.291989	.540360	.738198	.220601	1.73000	.279000	78/10/23	79/08/13

STORET RETRIEVAL DATE 80/09/18 - INVENT - VERSION OF AUG. 1980

2020152
46 13 50.0 116 27 25.0 2
CRAIGMONT OUTFALL
16061 IDAHO LEWIS
PACIFIC NORTHWEST 130800
LOWER SNAKE
21IDSURV 790901
0000 CLASS 00

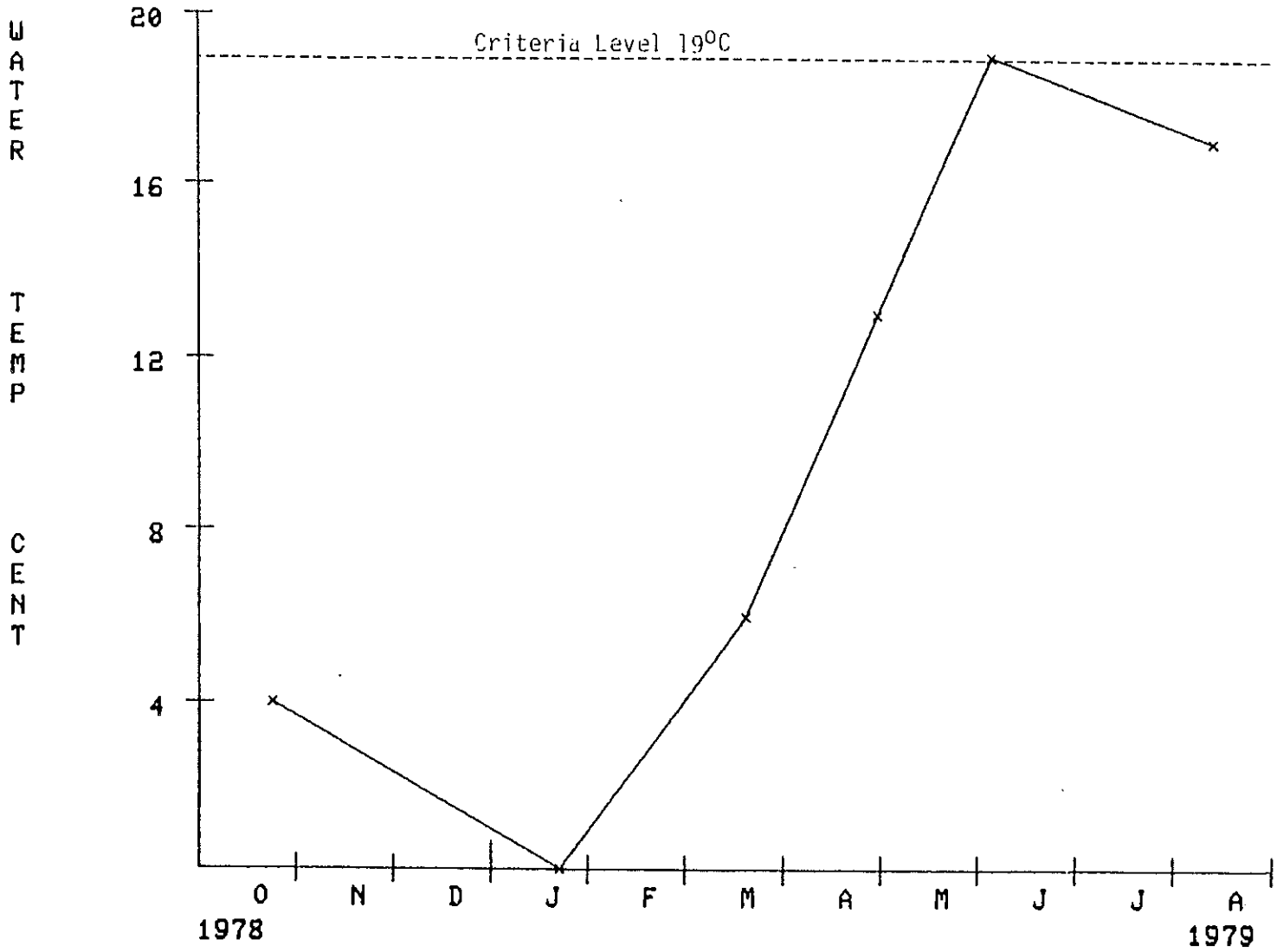
/TYPA/AMBNT/STREAM

INDEX 1310001 002740 01350 1280 0120
MILES 0324.30 0139.30 067.60 024.50 003.50

PARAMETER				NUMBER	MEAN	VARIANCE	STAN DEV	COEF VAR	STAND ER	MAXIMUM	MINIMUM	BEG DATE	END DATE
00010	WATER	TEMP	CENT	6	12.2167	66.6537	8.16417	.668282	3.33301	20.2000	.000000	78/10/23	79/08/13
00061	STREAM	FLOW,	INST-CFS	5	.081800	.001732	.041620	.508800	.018613	.130000	.026000	78/10/23	79/08/13
00076	TURB	TRBIDMTR	HACH FTU	6	21.7667	536.773	23.1684	1.06440	9.45845	68.0000	6.40000	78/10/23	79/08/13
00095	CNDUCTVY	AT 25C	MICROMHO	6	710.166	30548.6	174.782	.246113	71.3543	907.000	444.000	78/10/23	79/08/13
00116	INTNSVE	SURVEY	IDENT	6	781605	-.629E+06	.000000		.000000	781605	781605	78/10/23	79/08/13
00300	DO		MG/L	6	10.2500	30.4630	5.51933	.538472	2.25326	15.2000	3.20000	78/10/23	79/08/13
00310	BOD	5 DAY	MG/L	1	60.0000					60.0000	60.0000	79/08/13	79/08/13
00335	COD	LOWLEVEL	MG/L	1	142.000					142.000	142.000	78/10/23	78/10/23
00400	PH		SU	6	8.63333	.950781	.975080	.112944	.398075	9.60000	7.00000	78/10/23	79/08/13
00403	LAB	PH	SU	3	8.53332	.693512	.832774	.097591	.480802	9.20000	7.60000	79/03/19	79/08/13
00500	RESIDUE	TOTAL	MG/L	6	522.833	5159.20	71.8276	.137381	29.3235	596.000	404.000	78/10/23	79/08/13
00530	RESIDUE	TOT NFLT	MG/L	6	50.7500	1272.37	35.6704	.702864	14.5624	105.000	8.00000	78/10/23	79/08/13
00610	NH3+NH4-	N TOTAL	MG/L	5	3.36740	34.6971	5.88958	1.74900	2.63390	13.8000	.030000	78/10/23	79/06/04
00615	NO2-N	TOTAL	MG/L	6	.102000	.011548	.107926	1.05810	.044061	.296000	.006000	78/10/23	79/08/13
00620	NO3-N	TOTAL	MG/L	6	1.05083	2.19316	1.48093	1.40929	.604588	3.65000	.055000	78/10/23	79/08/13
00625	TOT KJEL	N	MG/L	5	10.8600	51.8830	7.20298	.663259	3.22127	22.4000	3.10000	78/10/23	79/06/04
00665	PHOS-TOT		MG/L P	6	3.74666	3.36998	1.83575	.489969	.749442	7.27000	2.25000	78/10/23	79/08/13
00940	CHLORIDE	CL	MG/L	6	67.4833	423.769	20.5856	.305048	8.40405	98.0000	41.0000	78/10/23	79/08/13
31616	FEC COLI	MFM-FCBR	/100ML	6	305.166	81468.2	285.427	.935314	116.525	600.000	1.00000	78/10/23	79/08/13
31679	FECSTREP	MF M-ENT	/100ML	6	250.167	162300	402.865	1.61039	164.469	1000.00	1.00000	78/10/23	79/08/13
50060	CHLORINE	TOT RESD	MG/L	5	.860000	1.54800	1.24419	1.44673	.556417	3.00000	.000000	79/01/22	79/08/13
70507	PHOS-T	ORTHO	MG/L P	6	2.58667	5.56538	2.35911	.912026	.963101	7.27000	1.05000	78/10/23	79/08/13

GRAPHICS

STORET STATION 2020150
LAWYERS CR UPSTREAM CONF CRAIGMONT



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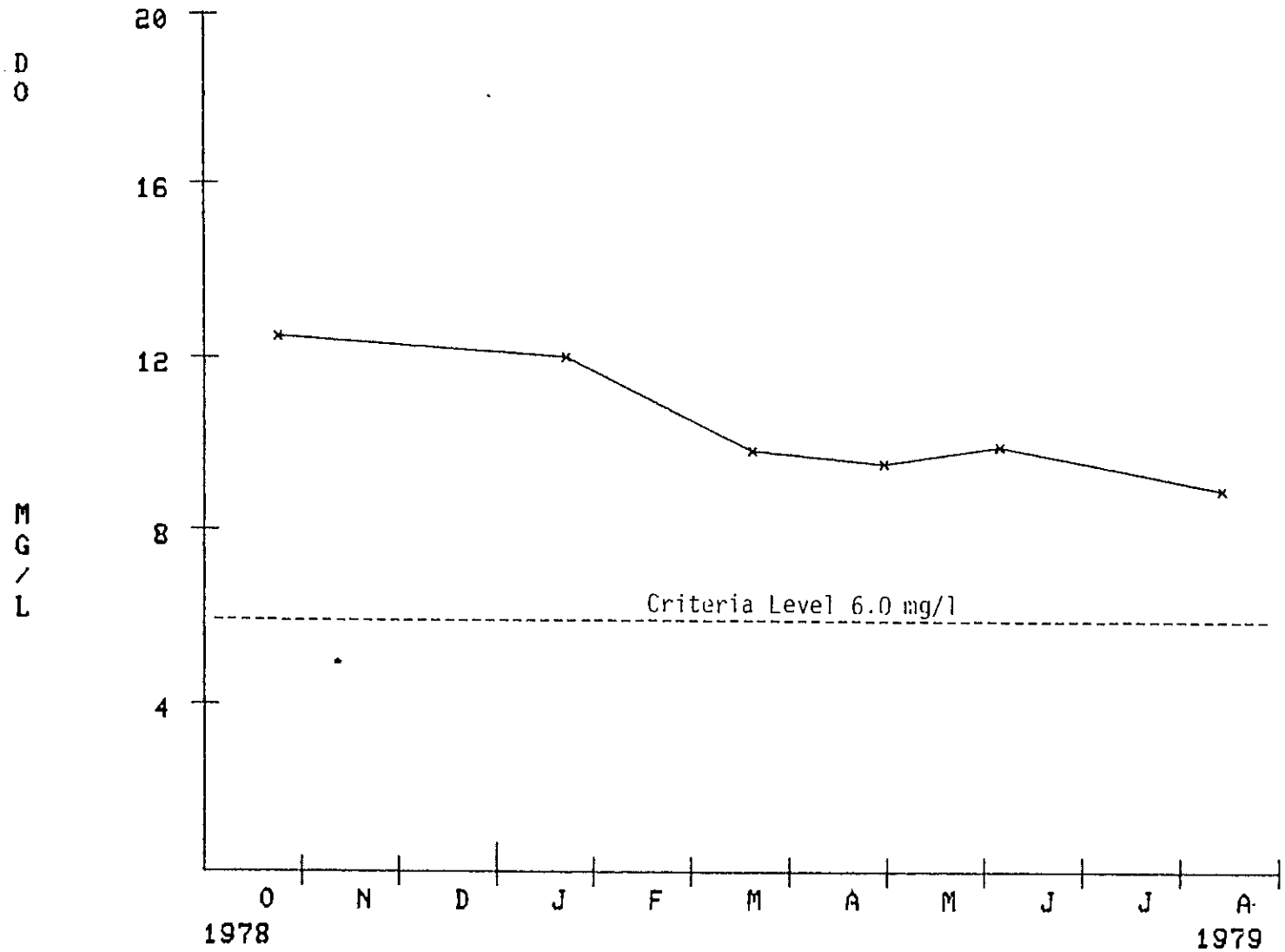

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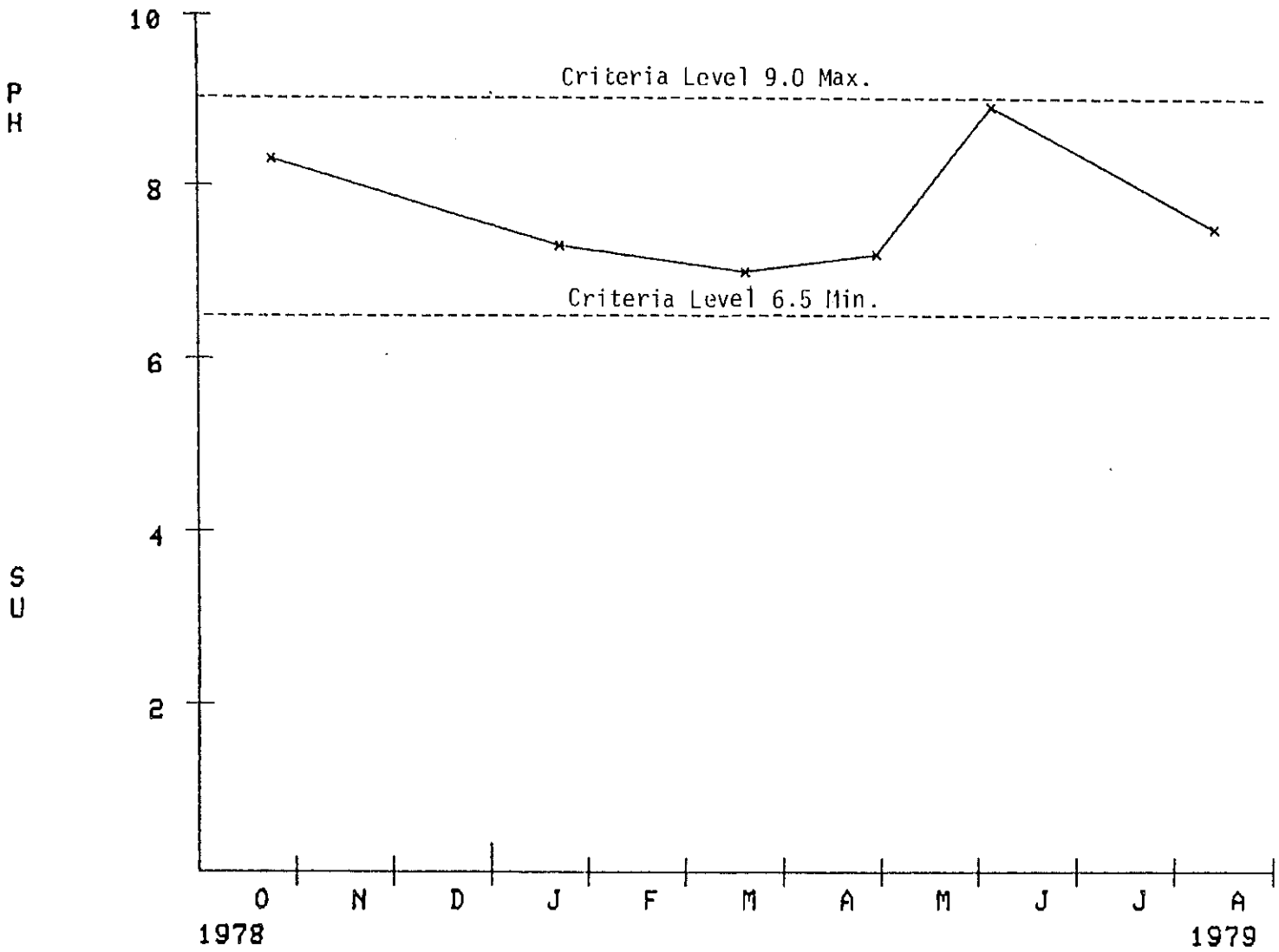

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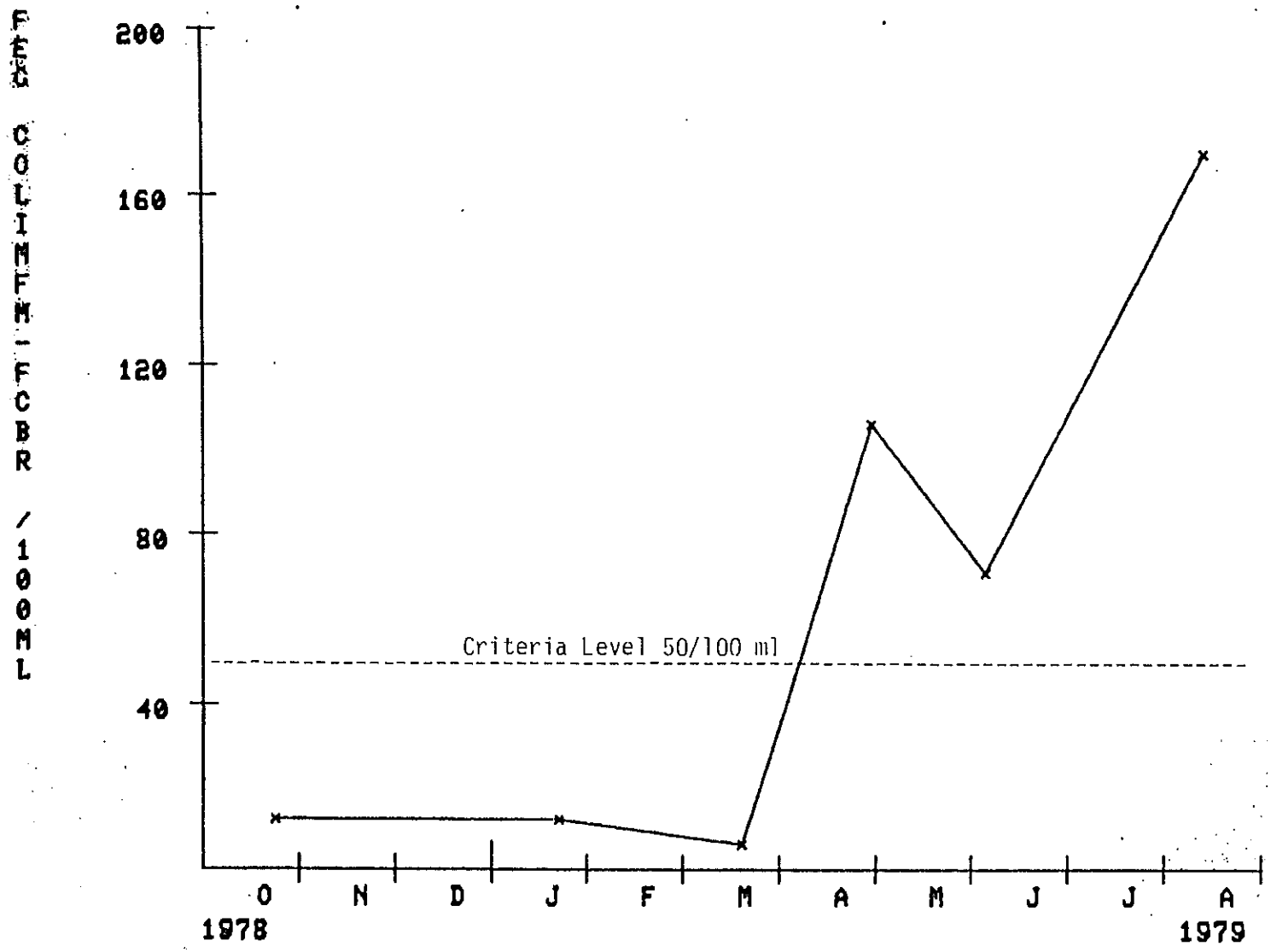

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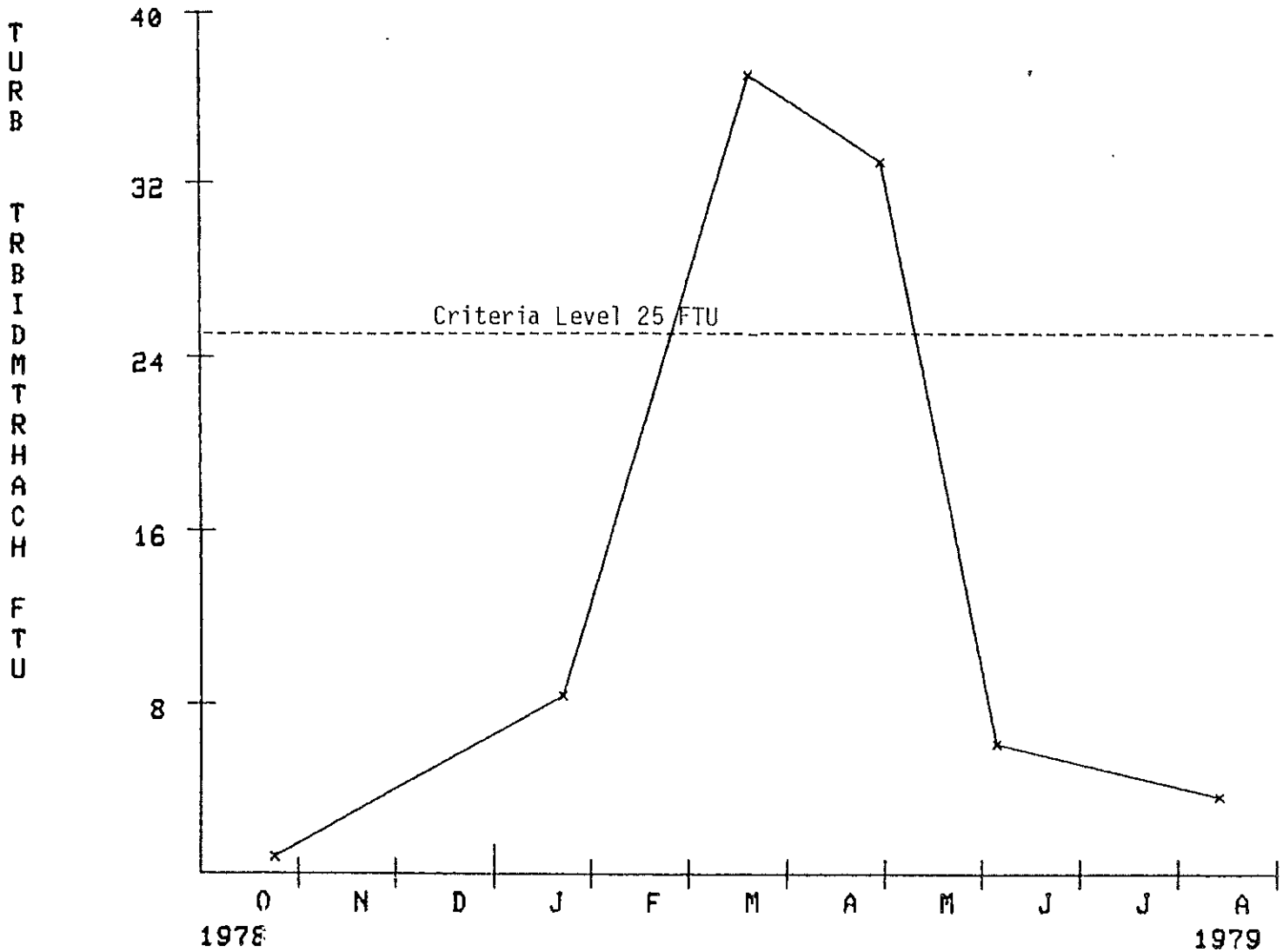

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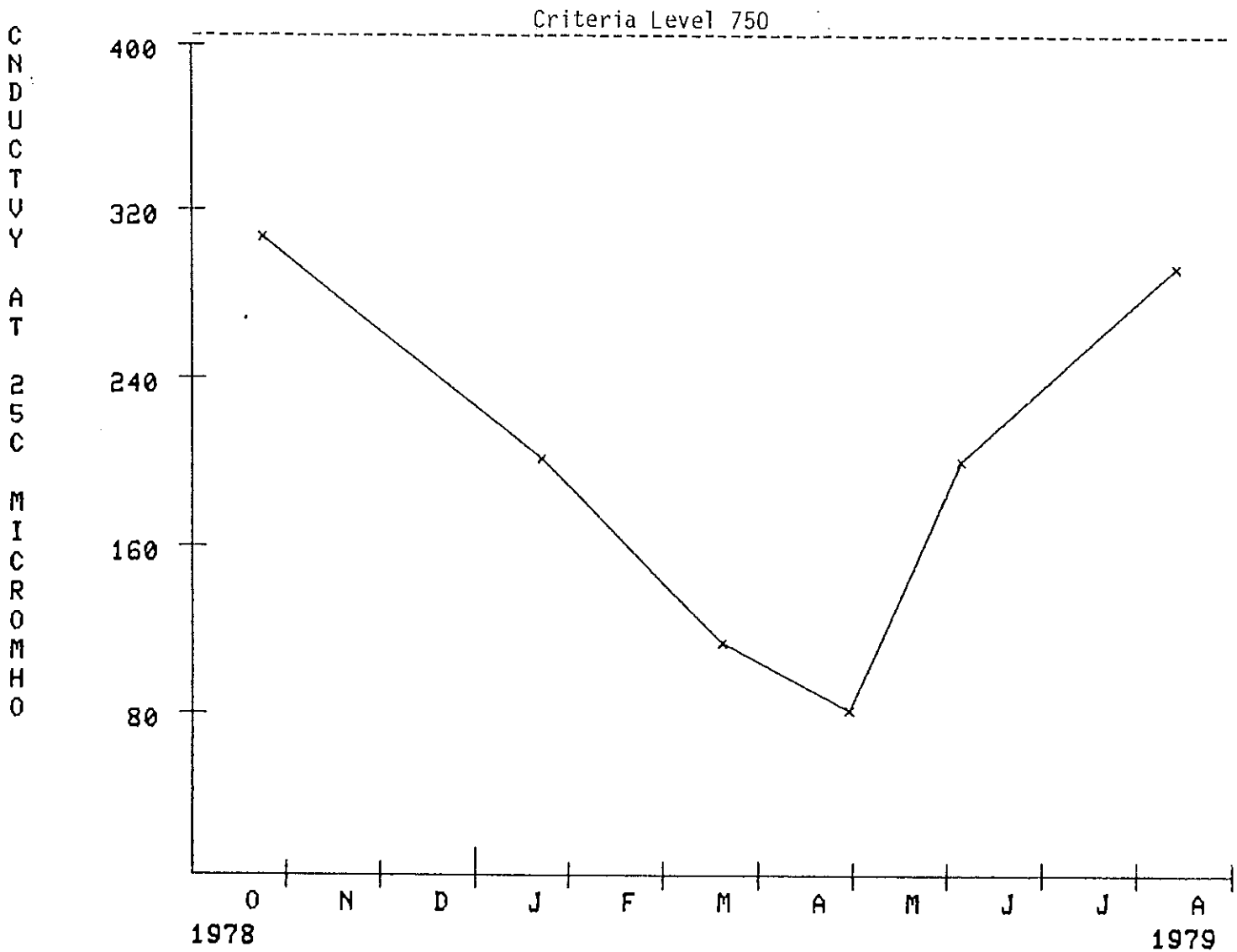

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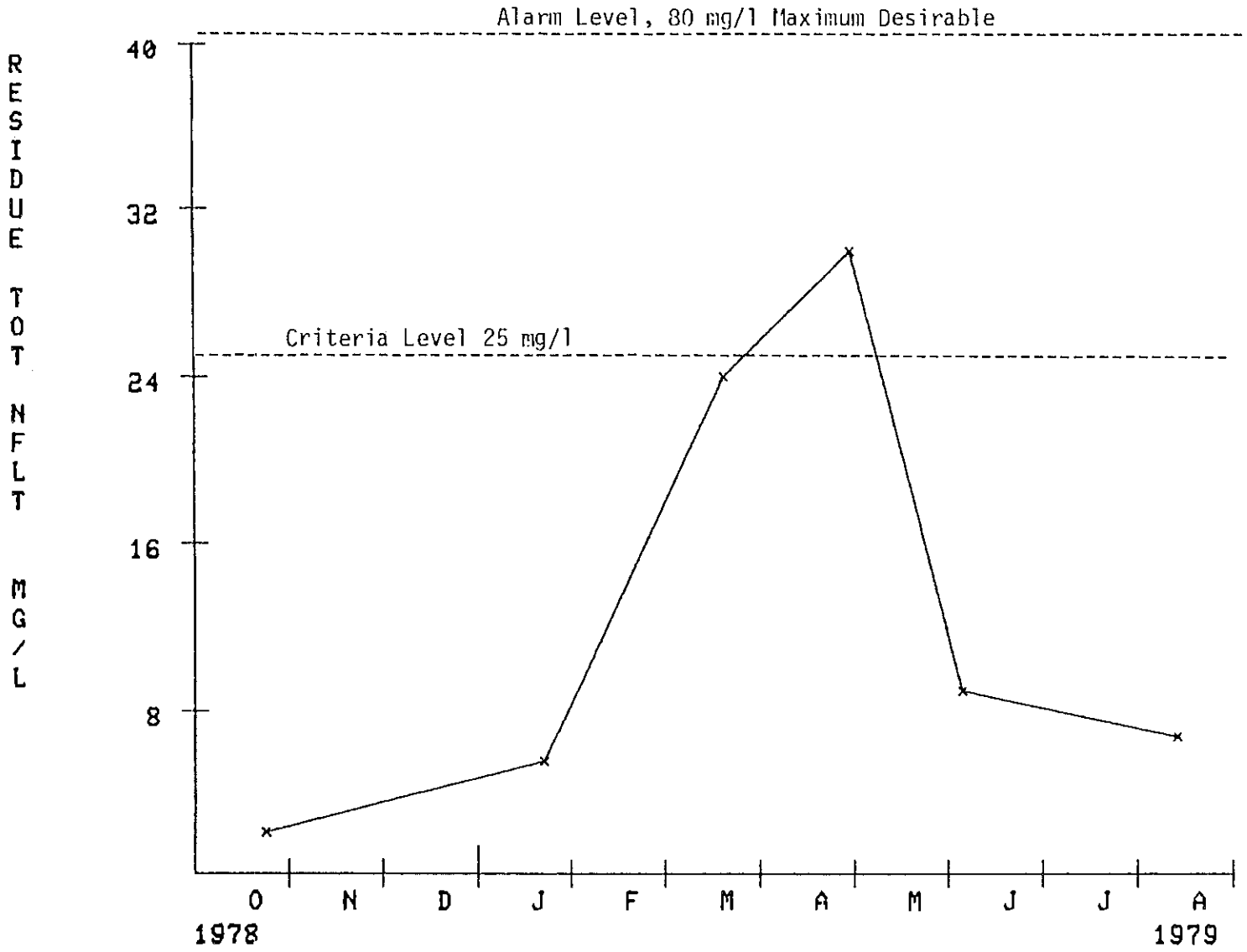

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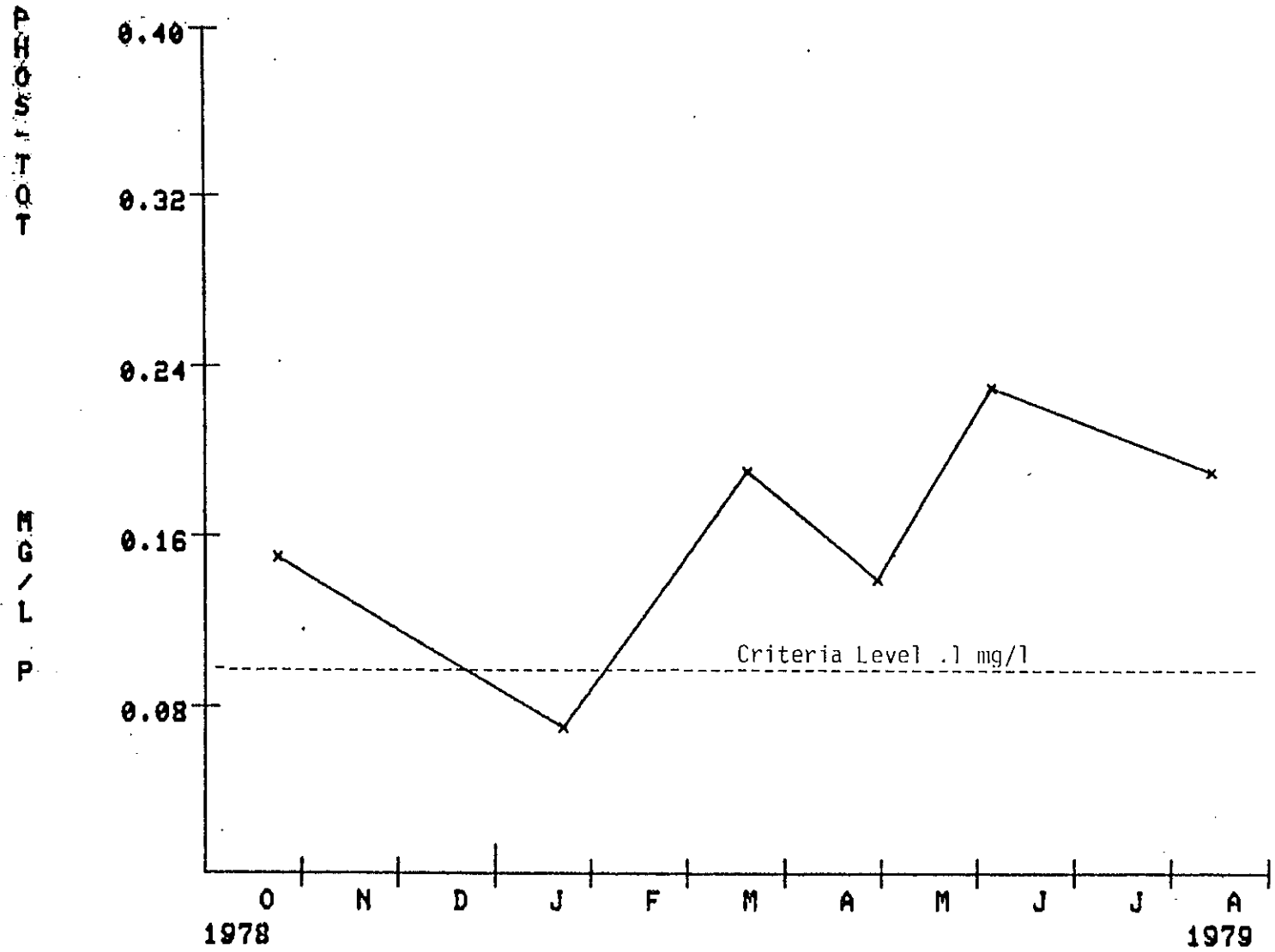

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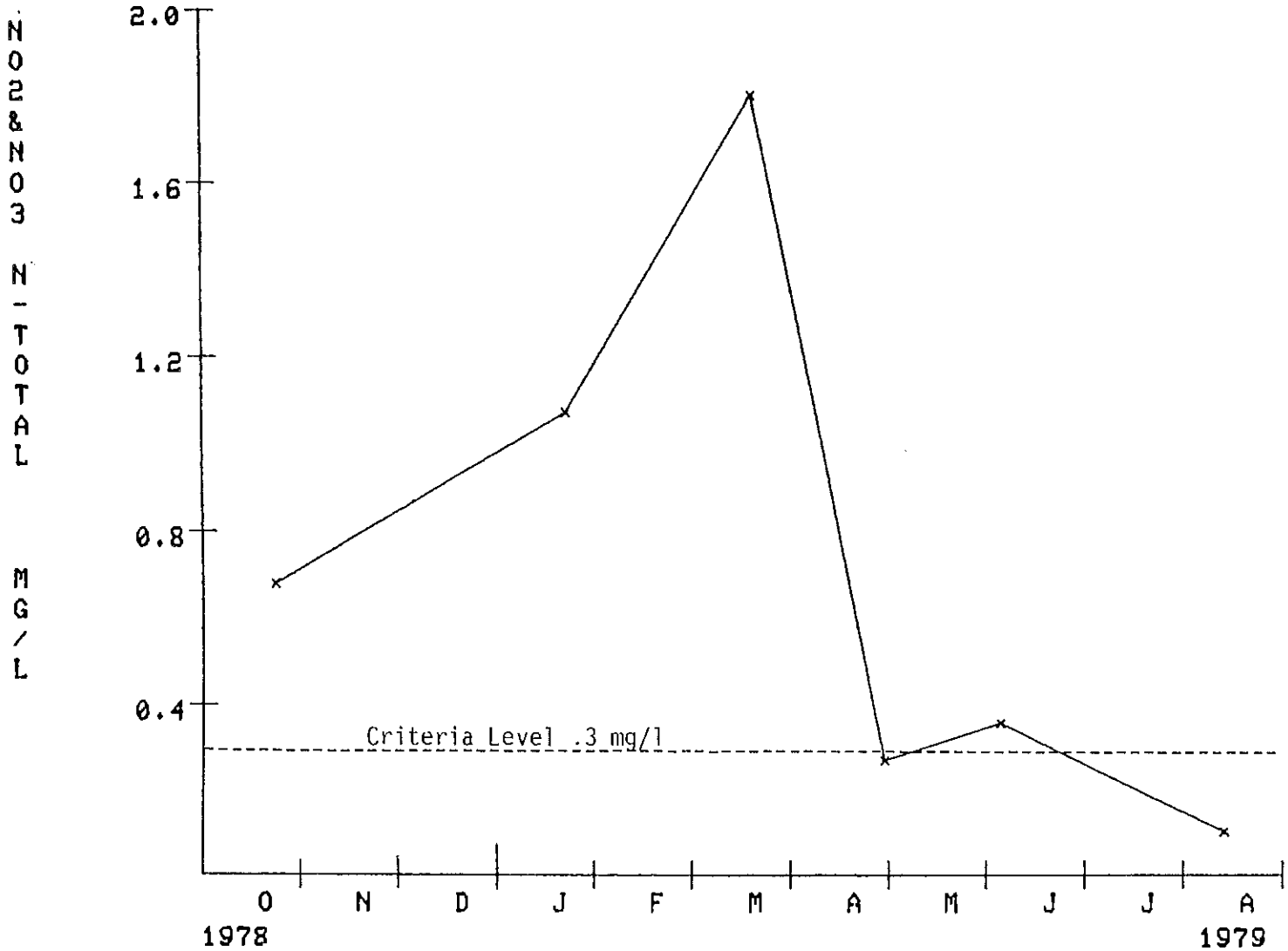

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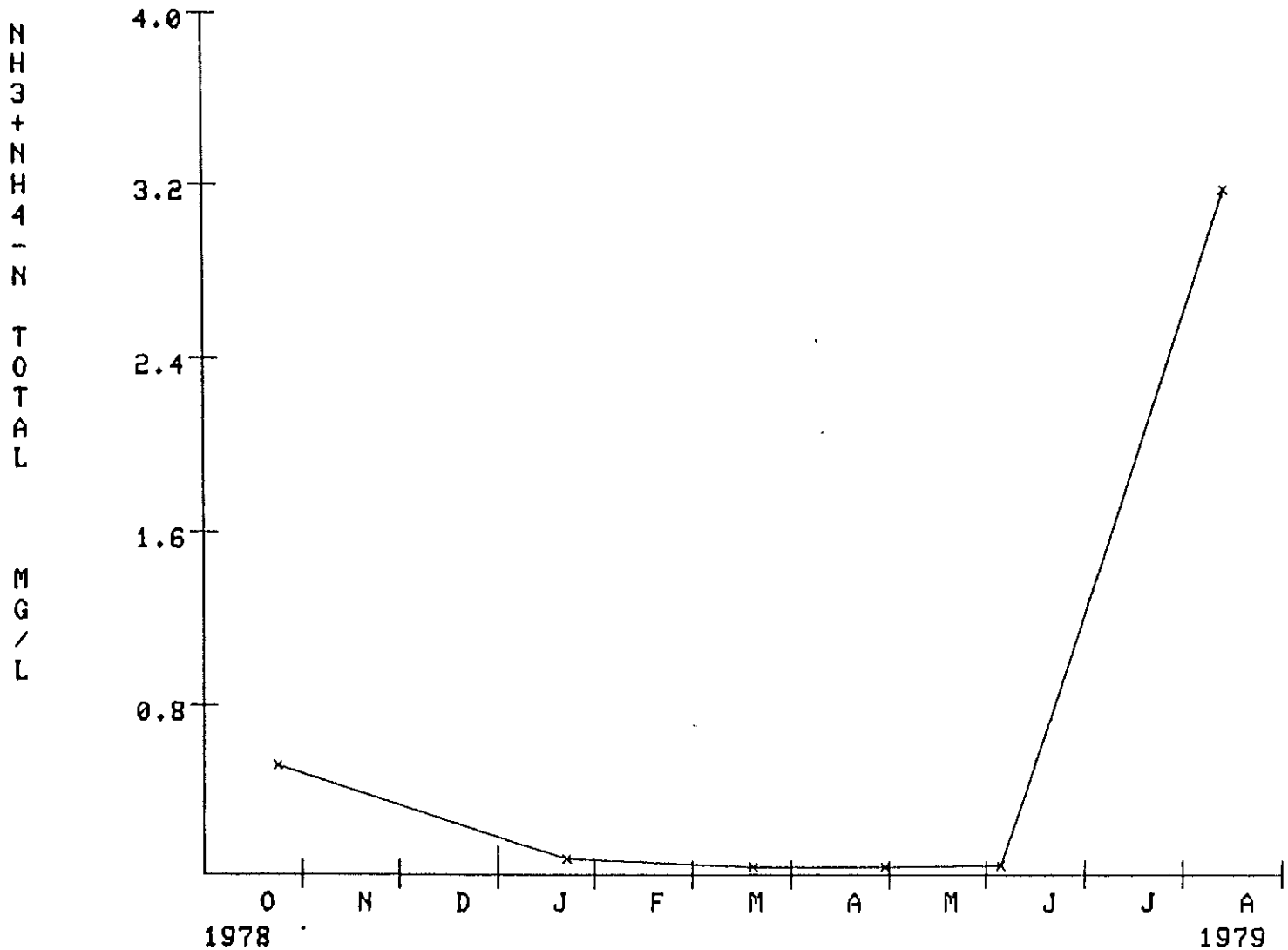
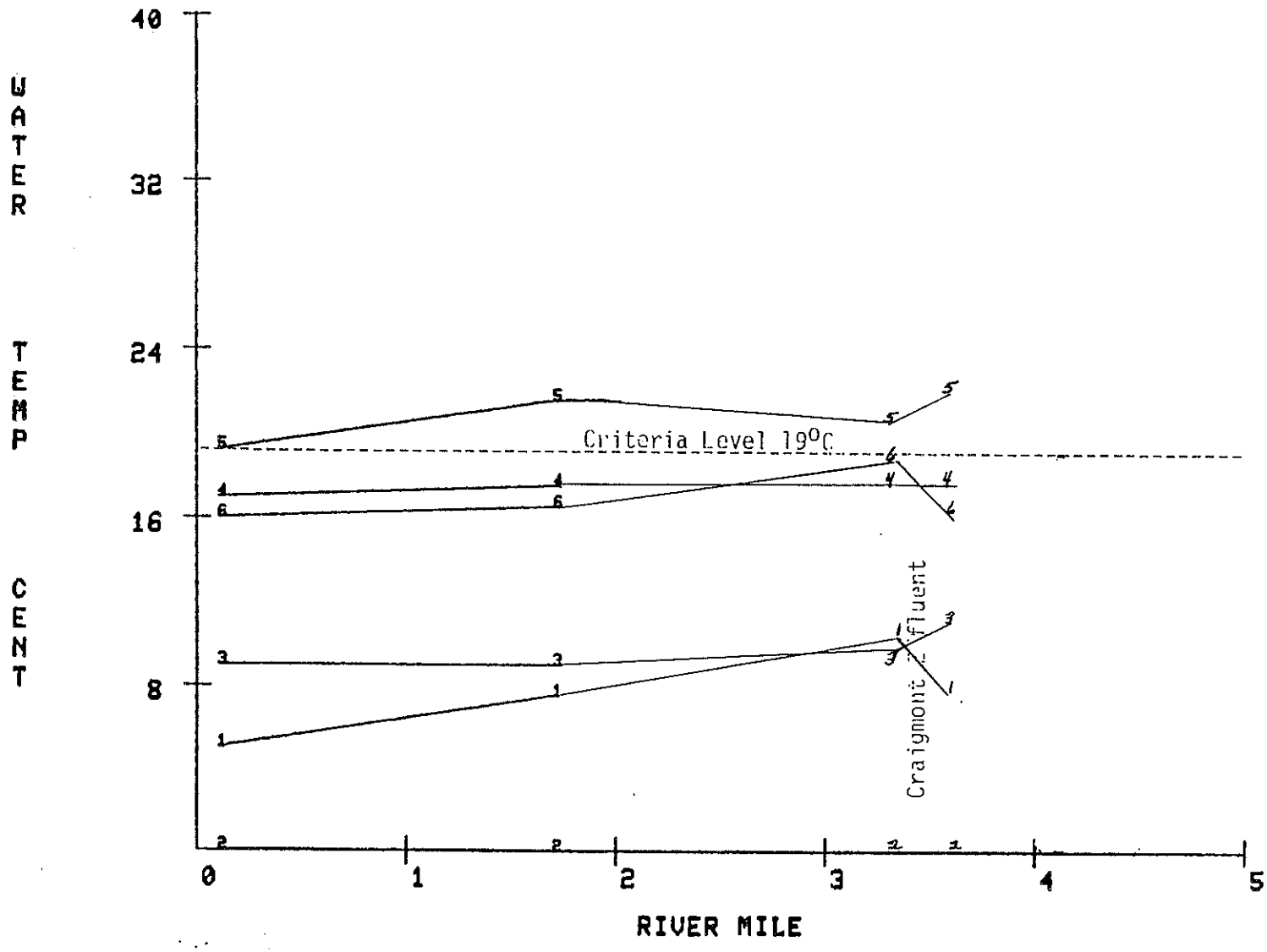


CRAIGMONT CREEK
INTENSIVE SURVEY DATA FOR 6 DAYS OF MONITORING
1 : 10-23-78 2 : 01-22-79 3 : 03-19-79
4 : 04-30-79 5 : 06-04-79 6 : 08-13-79



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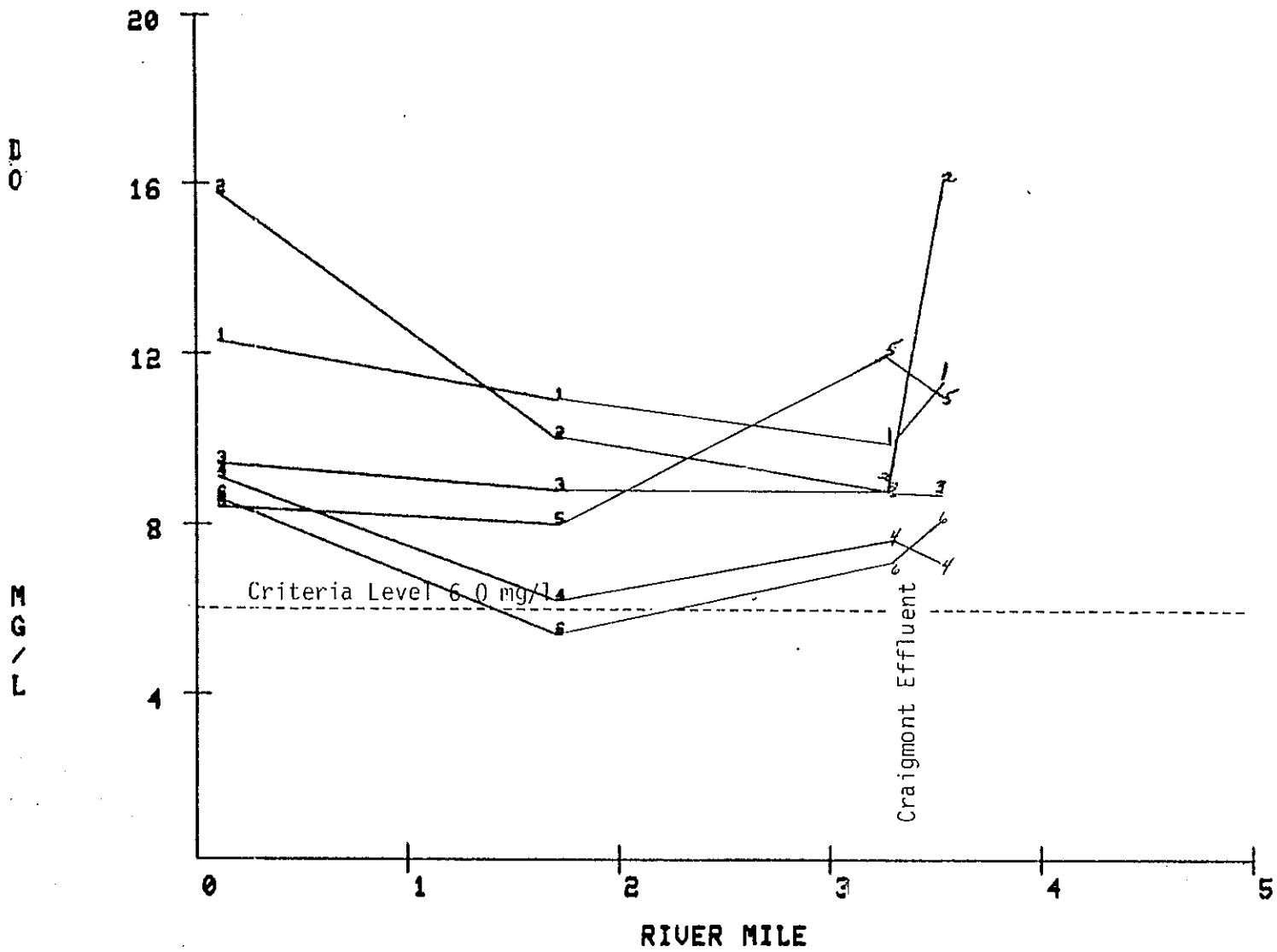

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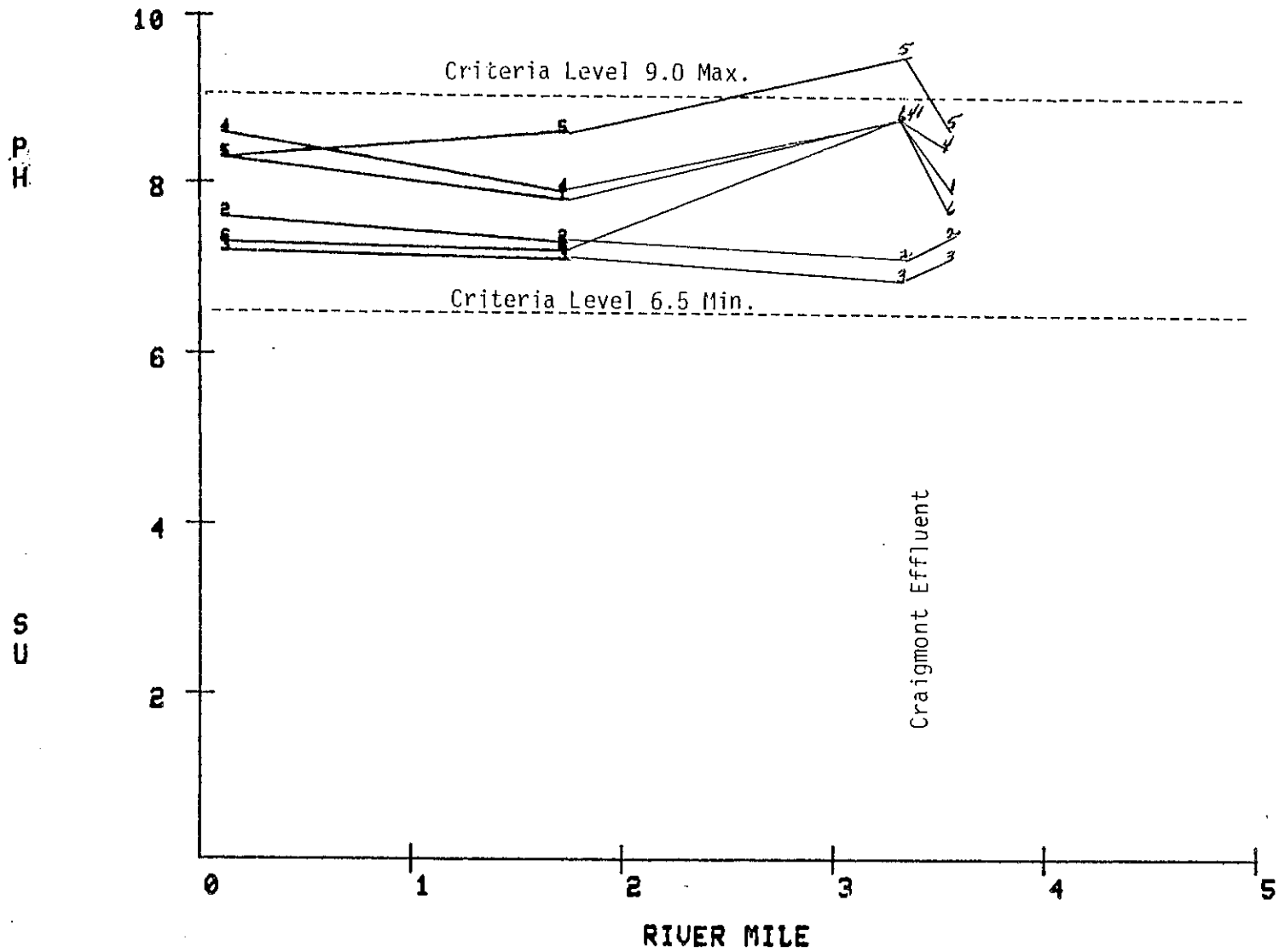

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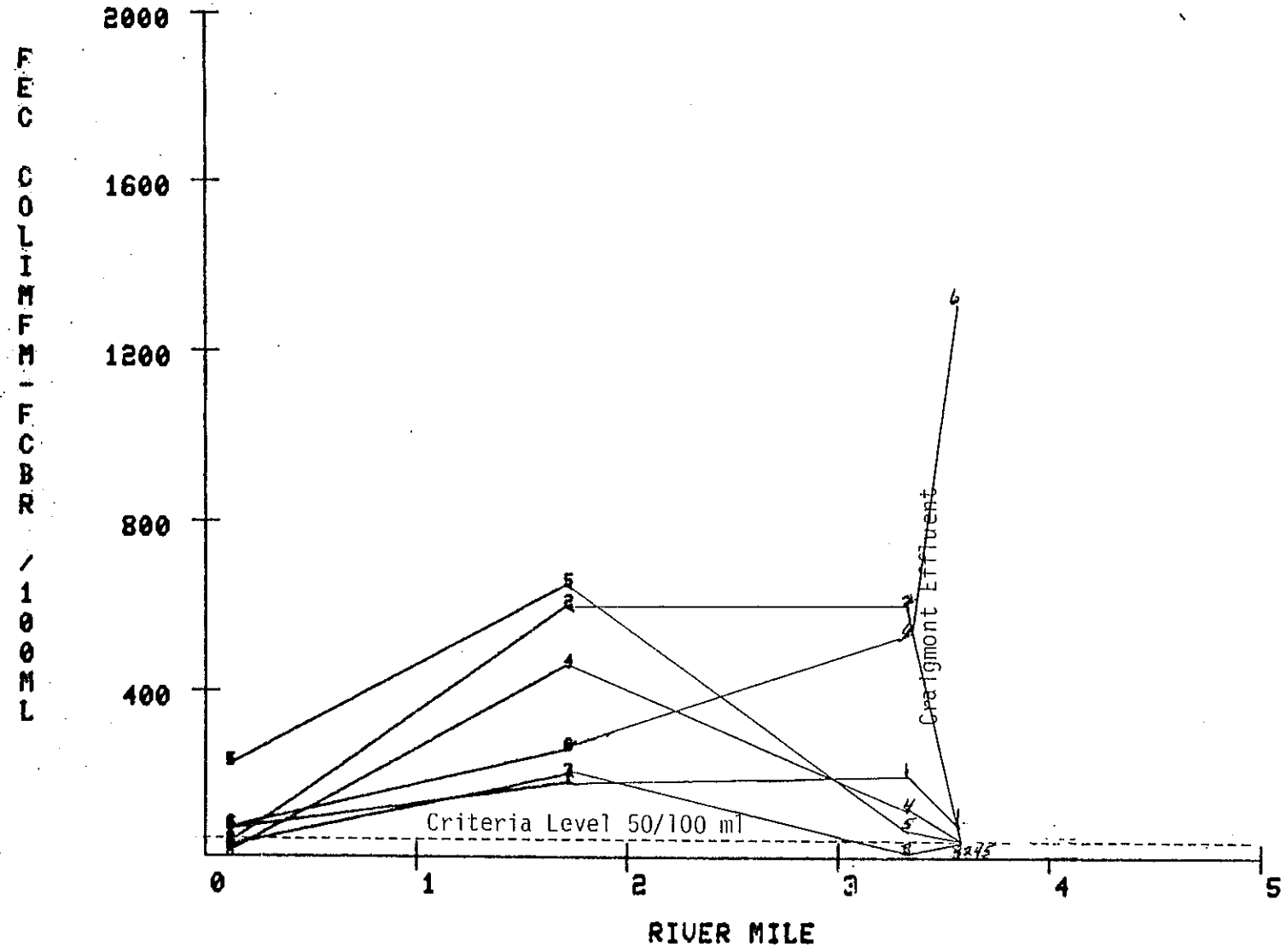

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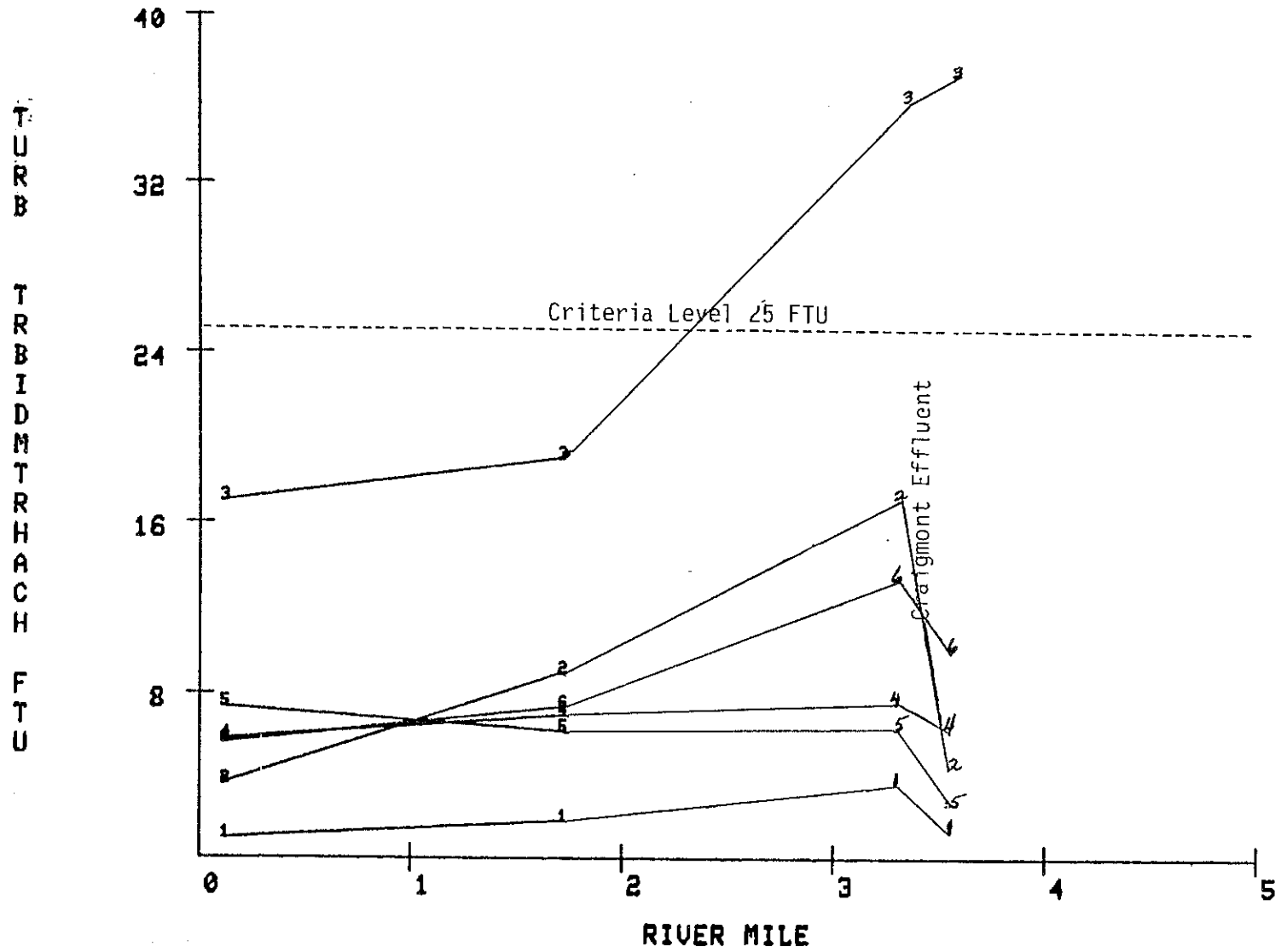

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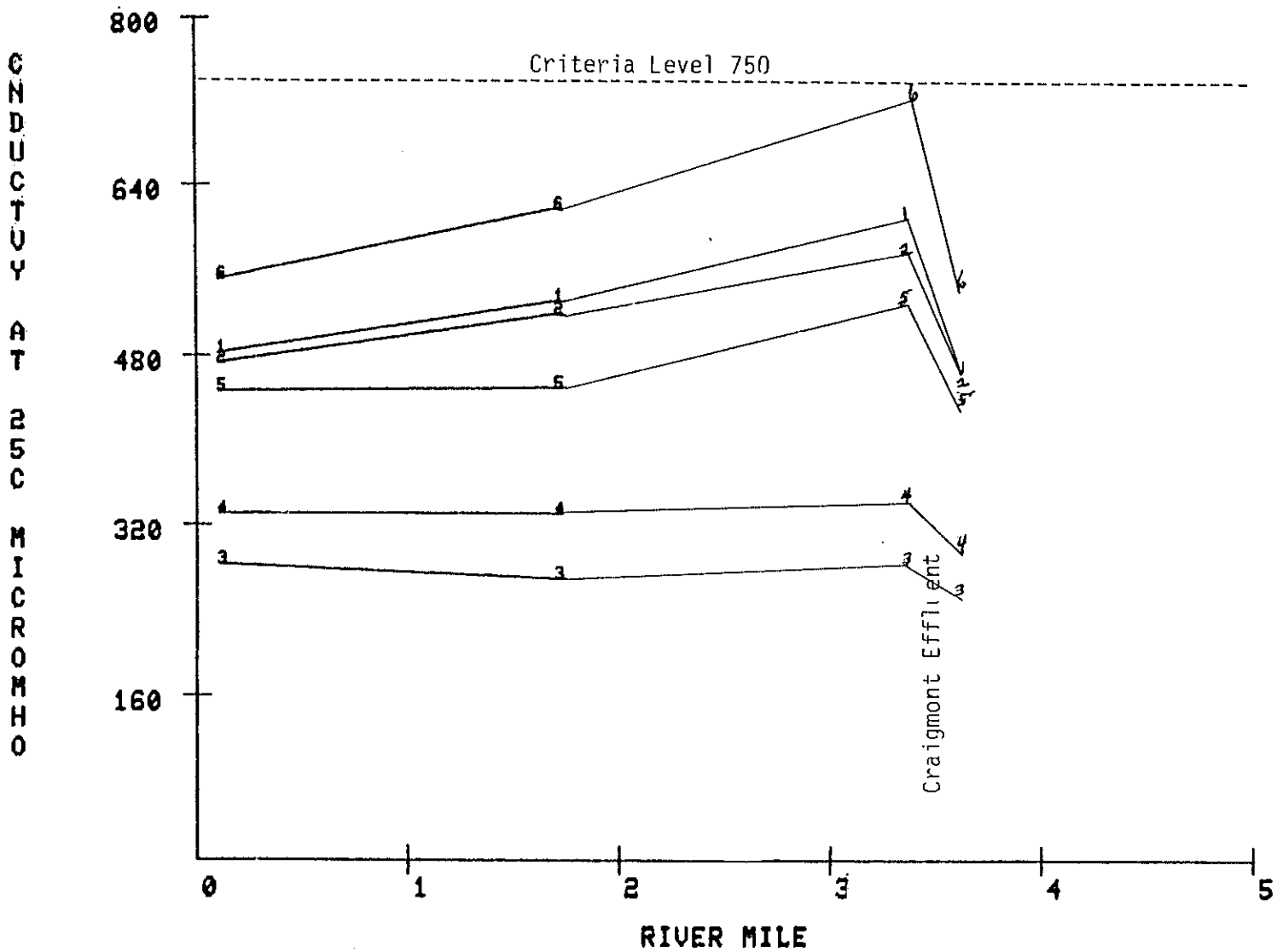

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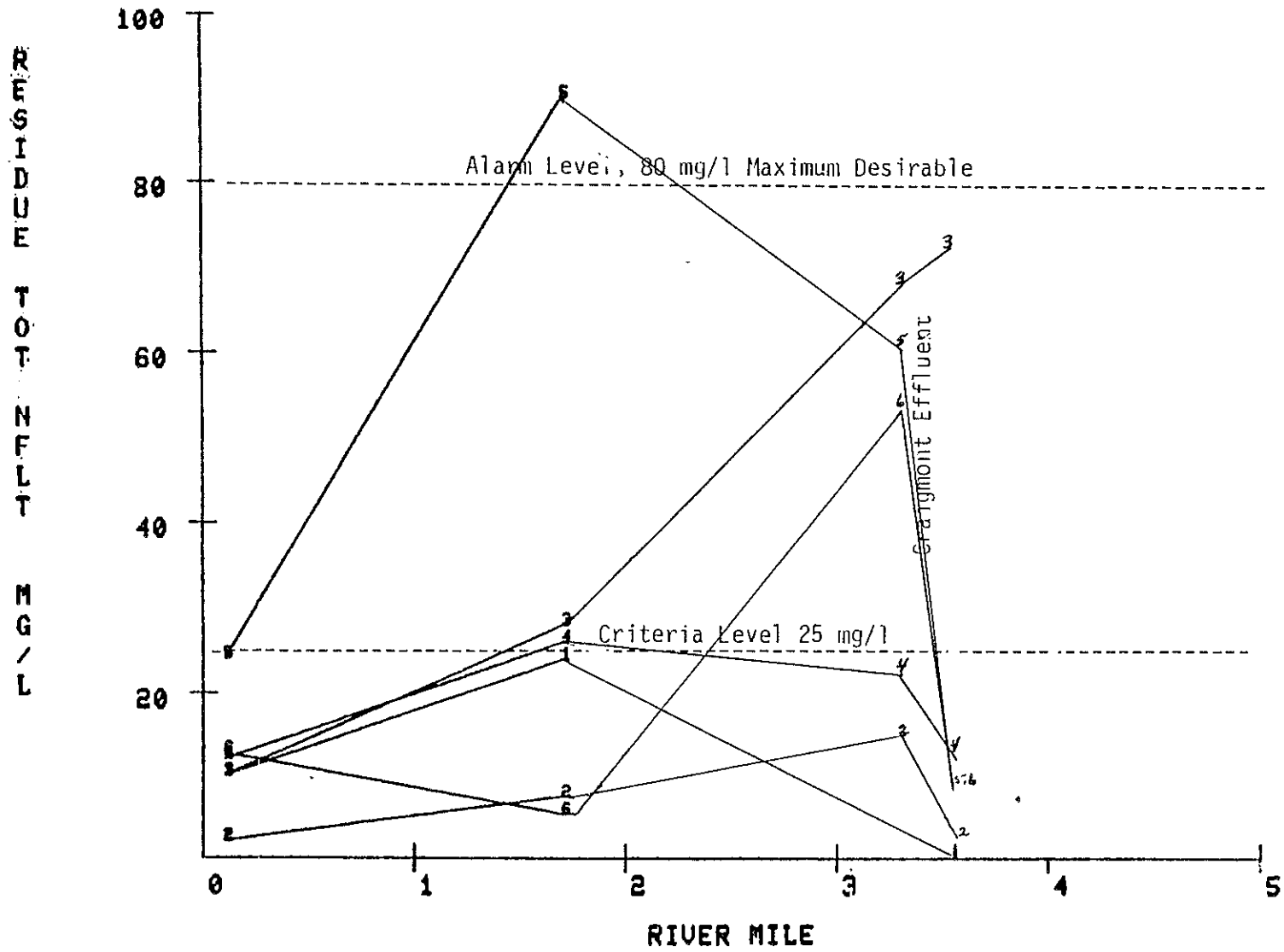

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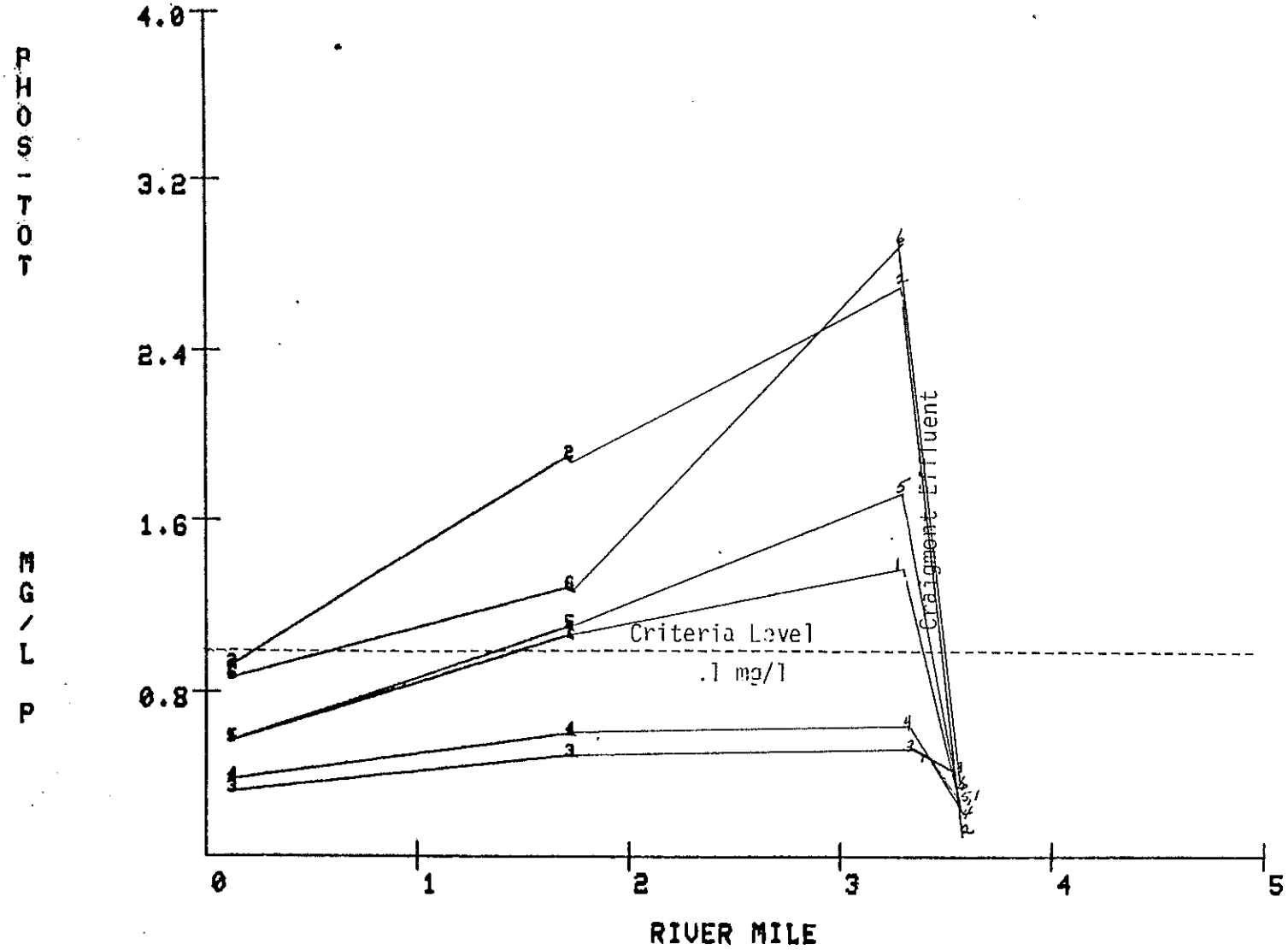

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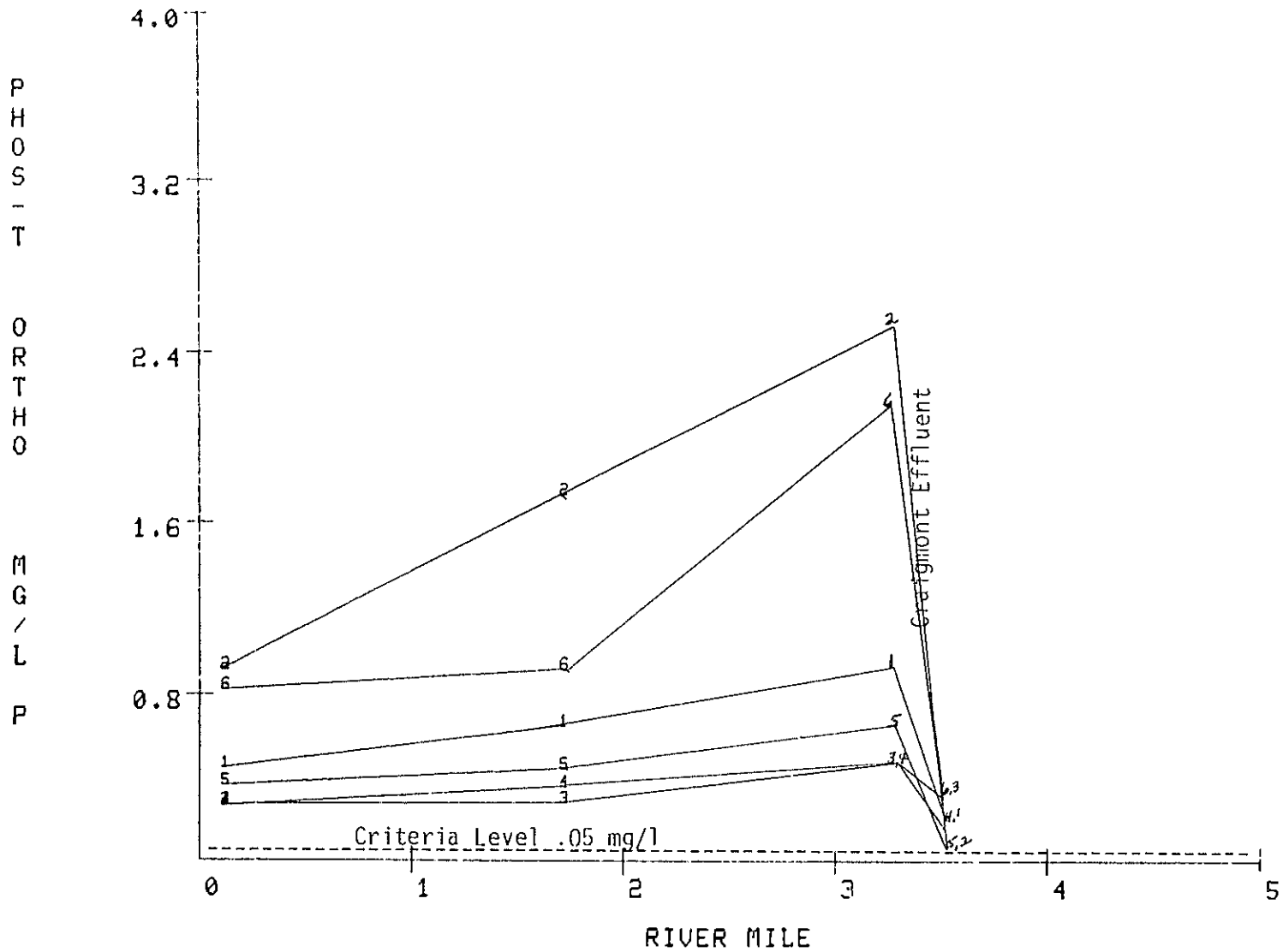

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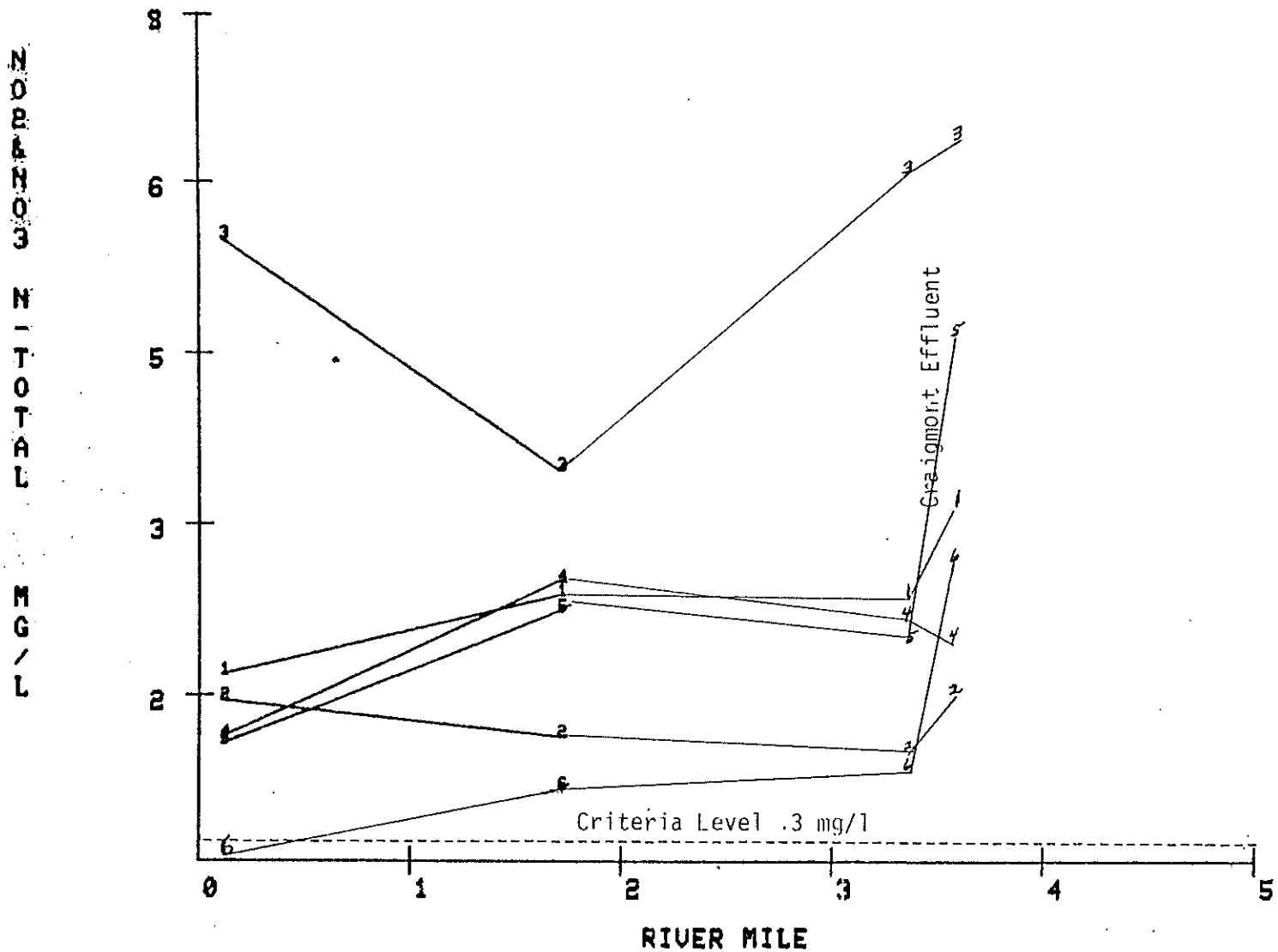

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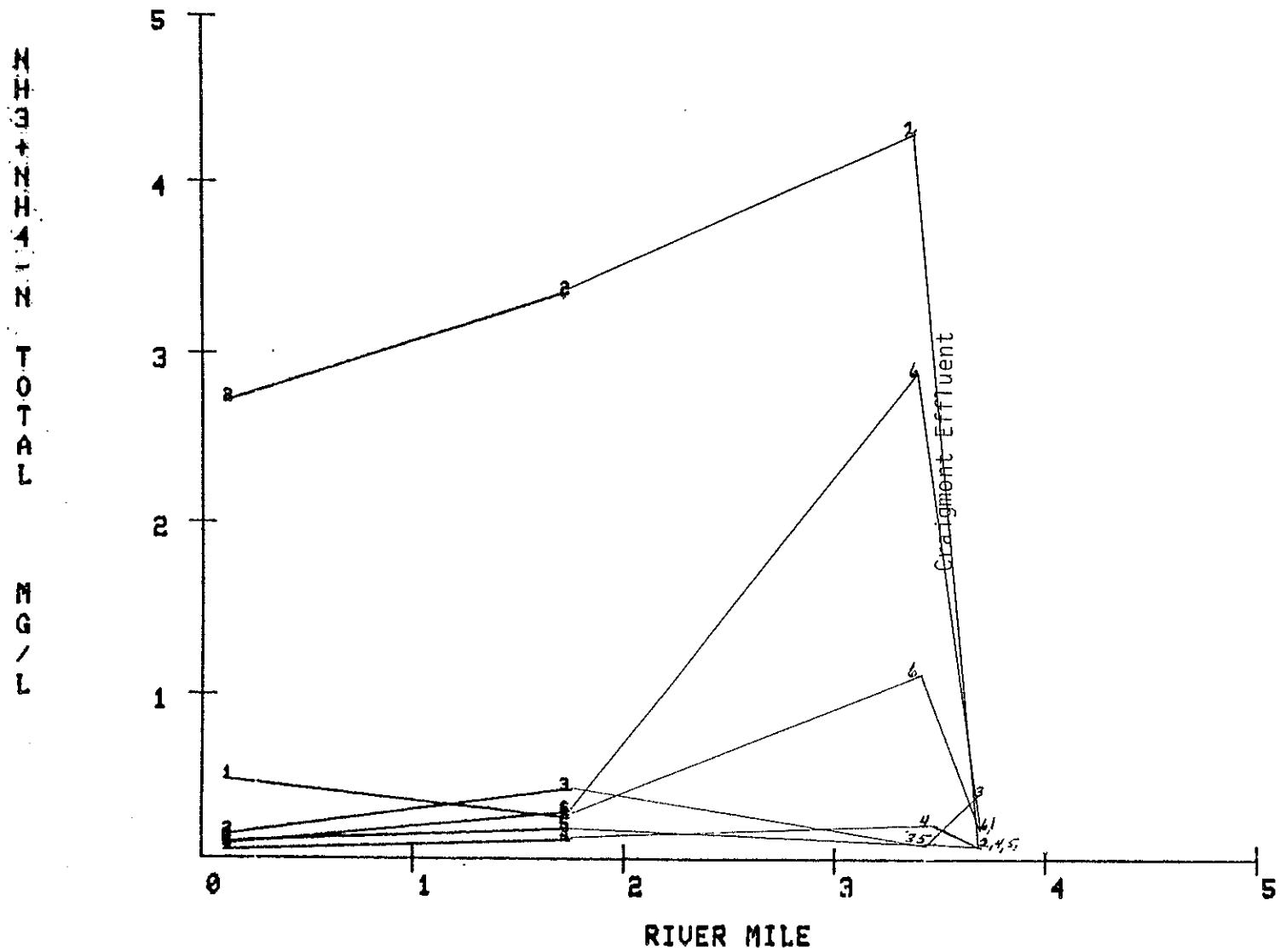
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