

Appendix A-2-2
Section 1: Figures for Station M1

GRAPHIC OUTLOOK from Stone Mountain Computing

COMPARISON OF NET MASS — S14 TO S15

S14 — JULY 1989

	Flow (cfs)	Bod5	NH3	NO3	NO2	TKN	Total N NO2+3+TKN	DO	Sal (ppt)	TPO4	Ch-a	TSS
NET FLUX - CYCLE 1												
07/26/89 21:00-08:59												
Net Mass (lbs/cycle)	-535885	-471	-89	295	41	-584	-249	714	-489593	-25	13074	-13144
NET FLUX - CYCLE 2												
07/26/89 09:00-21:59												
Net Mass (lbs/cycle)	536541	654	47	-6	39	17	50	-1614	146779	31	-10396	5770

S15 — JULY 1989

	Flow (cfs)	Bod5	NH3	NO3	NO2	TKN	Total N NO2+3+TKN	DO	Sal (ppt)	TPO4	Ch-a	TSS
NET FLUX - CYCLE 1												
07/26/89 21:00-08:59												
Net Mass (lbs/cycle)	-333311	-189	-9	25	26	-228	-177	391	-135850	-54	-2363	-20044
NET FLUX - CYCLE 2												
07/26/89 09:00-21:59												
Net Mass (lbs/cycle)	341955	96	-35	9	26	533	567	-548	-42683	20	4457	-9965

NET CHANGE IN MASS—JULY—S14-S15

	Flow (cfs)	Bod5	NH3	NO3	NO2	TKN	Total N NO2+3+TKN	DO	Sal (ppt)	TPO4	Ch-a	TSS
CYCLE 1	-202574	-282	-80	270	15	-356	-71	322	-353743	29	15437	6900
CYCLE 2	194586	557	83	-15	13	-517	-518	-1067	189462	11	-14853	15735
NET	-7988	275	3	255	28	-873	-589	-744	-164281	40	584	22635

AUGUST DATA

S14 - AUGUST 1989

	Flow (cfs)	Bod5	NH3	NO3	NO2	TKN NO2+3+TKN	DO	Sal (ppt)	TPO4	Ch-a	TSS
NET FLUX - CYCLE 1											
08/07/89 13:00-18:59											
Net Mass (lbs/cycle)	729170	513	87	-64	45	650	-350-1164351		238	238	-11700
NET FLUX - CYCLE 2											
08/08/89 19:00-06:59											
Net Mass (lbs/cycle)	-681182	43	93	-72	-15	238	272 -74107		-18	1535	-1982

S15 - AUGUST 1989

	Flow (cfs)	Bod5	NH3	NO3	NO2	TKN NO3+TKN	DO	Sal (ppt)	TPO4	Ch-a	TSS
NET FLUX - CYCLE 1											
08/07/89 13:00-18:59											
Net Mass (lbs/cycle)	411971	227	52	46	-3	-137	-374 405648		135	-2917	-4602
NET FLUX - CYCLE 2											
08/08/89 19:00-06:59											
Net Mass (lbs/cycle)	-399007	156	-128	-99	19	-1	422 -221576		-29	1484	10558

COMPARISON OF NET MASS - AUGUST DATA-S14-15

	Flow (cfs)	Bod5	NH3	NO3	NO2	TKN NO2+3+TKN	DO	Sal (ppt)	TPO4	Ch-a	TSS
CYCLE 1	317199	285	35	-109	48	786	24-1569999		103	3155	-7098
CYCLE 2	-282175	-113	221	26	-34	239	-150 147469		11	51	-12540
NET	35024	172	256	-83	14	1025	-125-1422530		114	3206	-19638

NET FLUX - CYCLE 2

08/08/89 20:02 -

08/09/89 07:53

Net Mass (lbs/cycle)

% Change in Mass

not including STP

Net Mass (lbs/cycle)

% Change in Mass

including STP

Net Ch. In Conc mg/l

% Change in Conc

NET FOR AUGUST 1989 STATION S-9

FLOW
(cfs)

BOD5

NH3

NO3

NO2

TKN

Total N
NO2+3+TKN

DO

Sal
(ppt)

TPO4

CHL-a

TSS

FLOODING TIDE

EBBING TIDE

AUGUST DATA
Summary of Mass Loading Information At S9
Conversion of lbs/ft3 to mg/l 16020

CYCLE 1	FLOW (cfs)	BOD5	NH3	NO3	NO2	TKN	Total N NO2+3+TKN	DO	Sal (ppt)	TPO4	CHL-a	TSS
FLOODING TIDE												
08/08/89 07:22-13:36												
Total Mass (lbs)	7571544	1404.7	1387.5	428.76	328.95	3036	3793.71	1348.3	2850983	424.6	4810	17692
Flow Av. Conc. mg/l	2.972	2.936	0.907	0.696	0.696	6.424	8.027	2.853	6.032	0.898	10.177	37.433
EBBING TIDE												
08/08/89 13:38-20:01												
Total Mass (lbs)	-7666963	-1310.5	-1278.2	-445.41	-324.74	-1840.6	-2610.75	-585.8	-3.4E+06	-383.17	-4503	-13938
Flow Av. Conc. mg/l	2.738	2.671	0.931	0.679	0.679	3.846	5.455	1.224	7.128	0.801	9.409	29.123
INFLOW FROM SECAUCUS												
08/08/89 13:31-19:30												
Total Mass (lbs)	213746	96.811	59.5227	161.04	30.9873	115.399	307.4263	80.3735	7661	50.68	27.5378	377.008
Flow Av. Conc. mg/l	7.256	4.461	12.070	2.322	8.649	23.041	6.024	0.574	0.574	3.798	2.064	28.256
NET FLUX - CYCLE 1												
08/08/89 07:22-20:01												
Net Mass (lbs/cycle)	-95419	94.2	109.3	-16.65	4.21	1195.4	1182.96	762.5	-560312	41.43	307	3754
% Change in Mass not including STP	-1.3%	6.7%	7.9%	-3.9%	1.3%	39.4%	31.2%	56.6%	-19.7%	9.8%	6.4%	21.2%
Net Mass (lbs/cycle)	118327	191.011	168.823	144.39	35.1973	1310.8	1490.386	842.874	-552651	92.11	334.538	4131.01
% Change in Mass including STP	1.6%	13.6%	12.2%	33.7%	10.7%	43.2%	39.3%	62.5%	-19.4%	21.7%	7.0%	23.3%
Net Ch. In Conc mg/l												
% Change in Conc	0.234	0.265	-0.023	-0.023	0.017	2.578	2.572	1.629	-1.096	0.098	0.768	8.310
	7.9%	9.0%	-2.6%	-2.6%	2.5%	40.1%	32.0%	57.1%	-18.2%	10.9%	7.5%	22.2%

CYCLE 2	FLOW (cfs)	BOD5	NH3	NO3	NO2	TKN	Total N NO2+3+TKN	DO	Sal (ppt)	TPO4	CHL-a	TSS
FLOODING TIDE												
08/08/89 20:02 -												
08/09/89 01:48												
Total Mass (lbs)	3695149	1401.8	766.3	192.44	150.14	1042.2	1384.78	694	1352481	225.71	3966	9007
Flow Av. Conc. mg/l	6.077	3.322	0.834	0.651	0.651	4.518	6.004	3.009	5.864	0.979	17.194	39.049
EBBING TIDE												
08/09/89 01:49-07:53												
Total Mass (lbs)	-4135688	-840.6	-810.1	-231.9	-173.02	-1065.8	-1470.72	-638.8	-1.5E+06	-245.4	-1747	-8418
Flow Av. Conc. mg/l	3.256	3.138	0.898	0.670	0.670	4.128	5.697	2.474	5.849	0.951	6.767	32.608
INFLOW FROM SECAUCUS												
08/09/89 02:00-07:30												
Total Mass (lbs)	200246	101.613	66.3997	157.05	34.5945	108.475	300.1195	77.0558	7326.6	25.4406	26.4011	255.781
Flow Av. Conc. mg/l	8.129	5.312	12.564	2.768	8.678	24.010	6.165	0.586	0.586	2.035	2.112	20.463

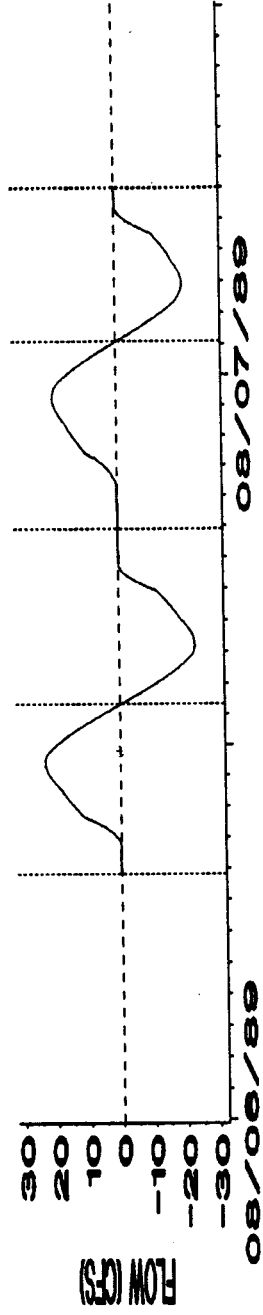
Appendix A-2-2
Section 2: Figures for Station M2

Appendix A-2-1

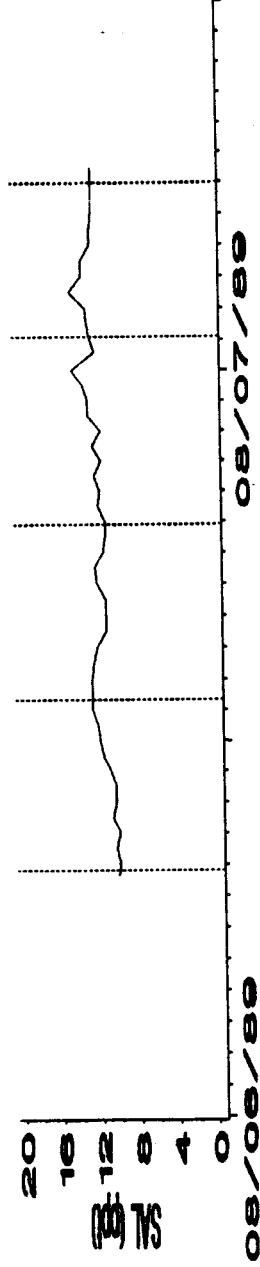
Table 5: Summary of Mass Transport at Station S9A

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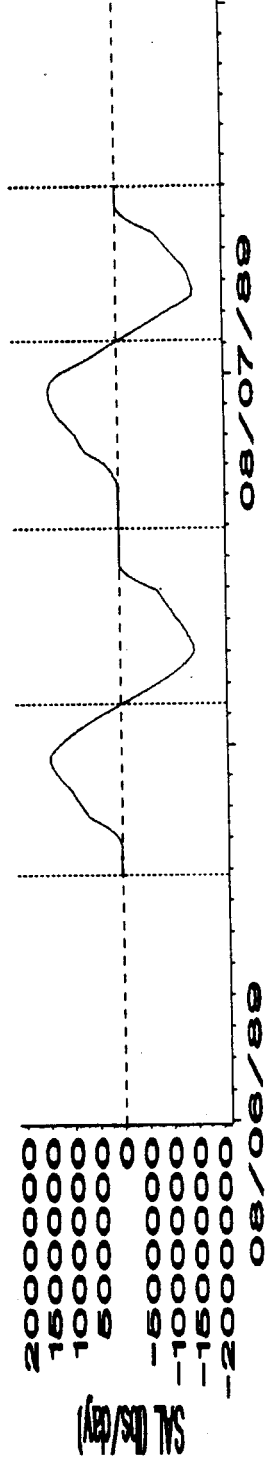
FLOW



CONCENTRATION

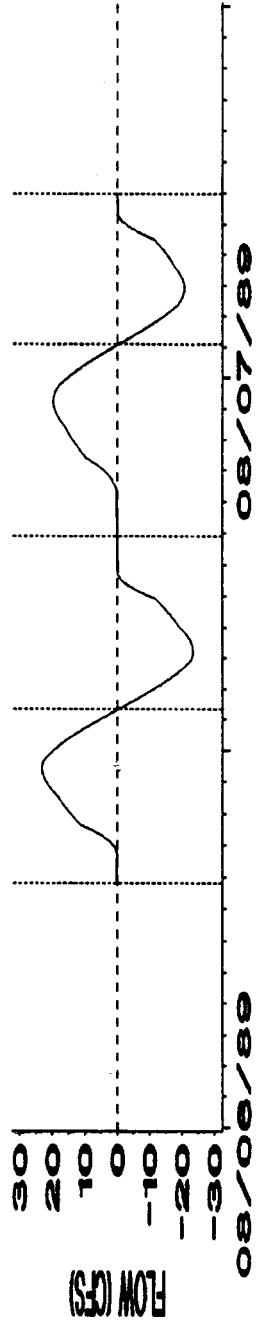


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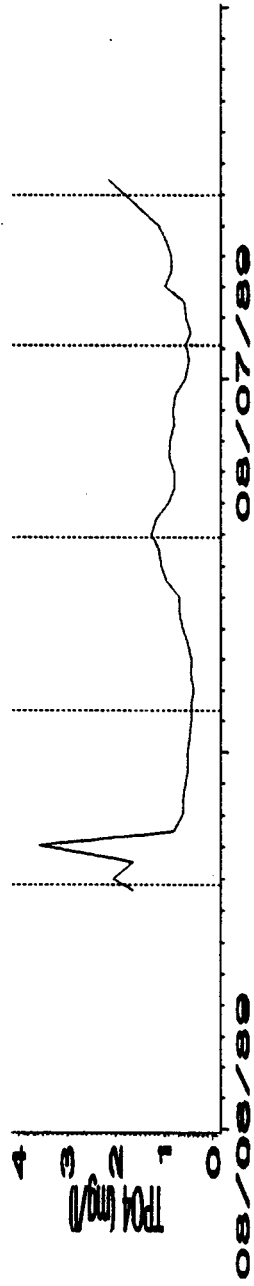


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

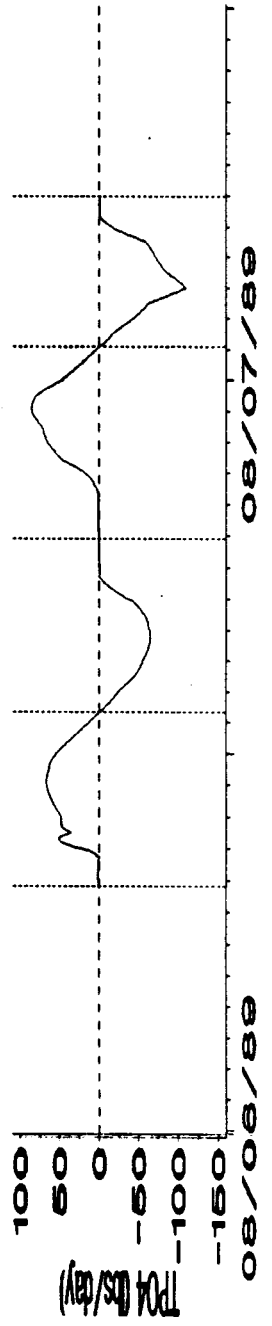
FLOW



CONCENTRATION

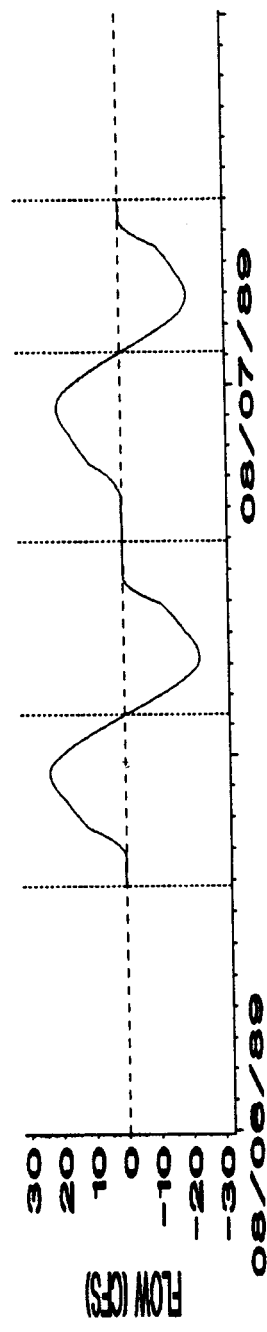


MASS FLUX

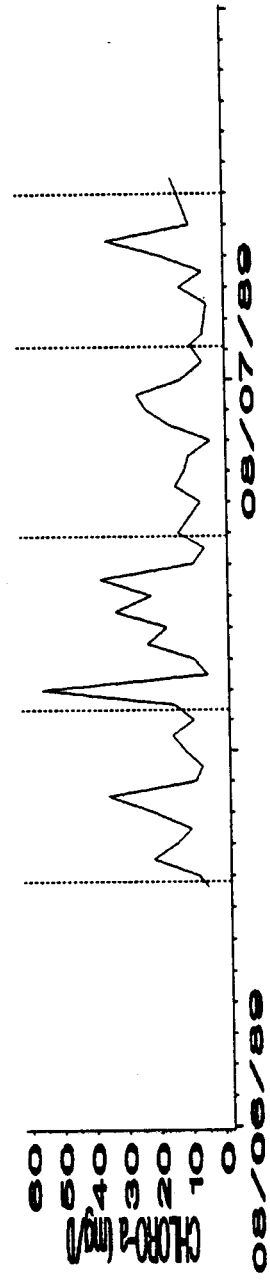


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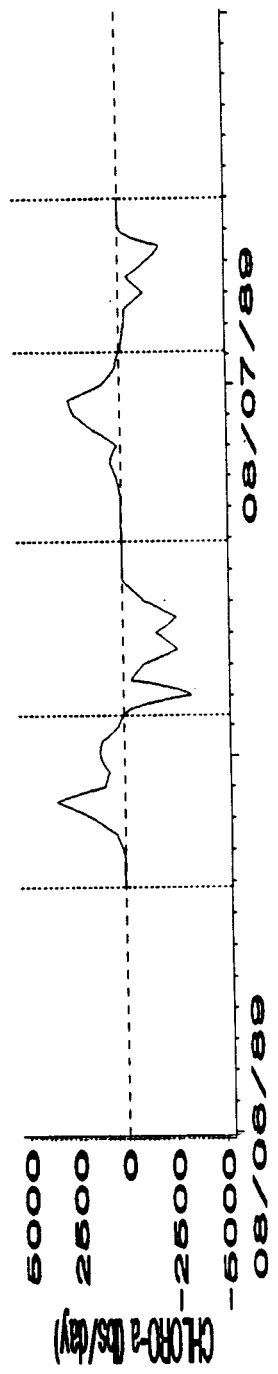
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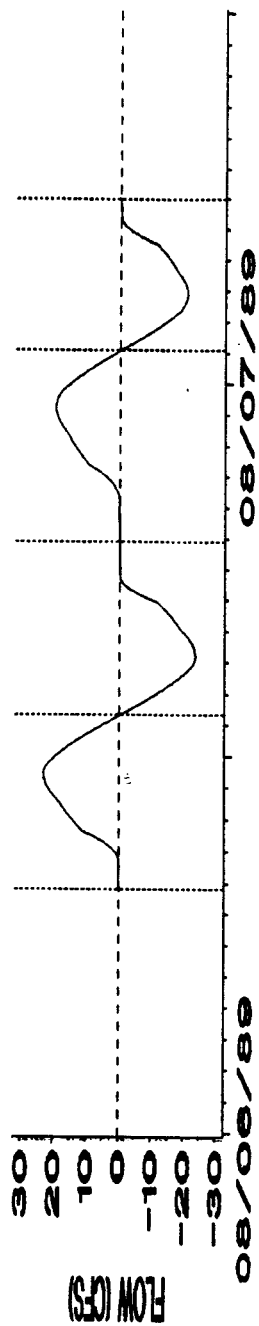


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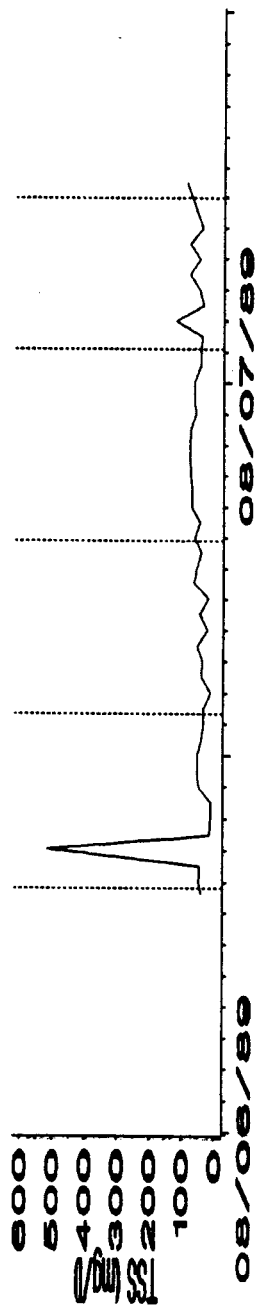


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STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

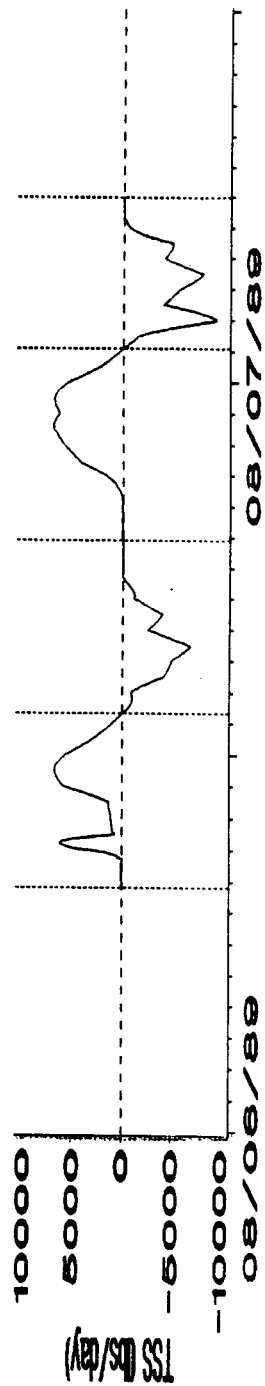
FLOW



CONCENTRATION

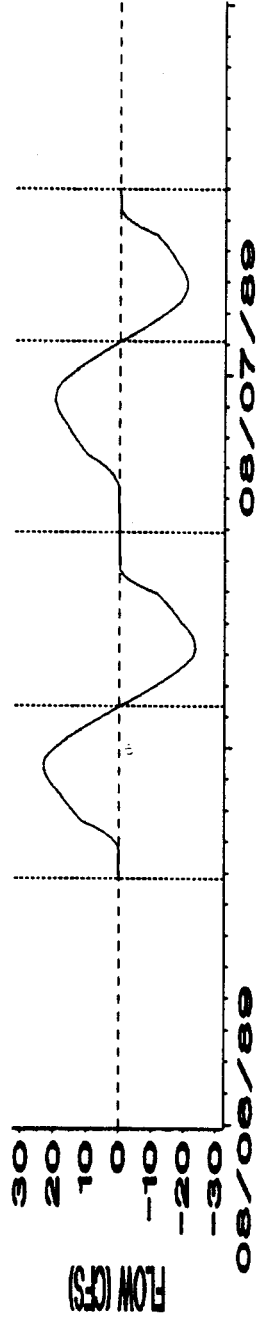


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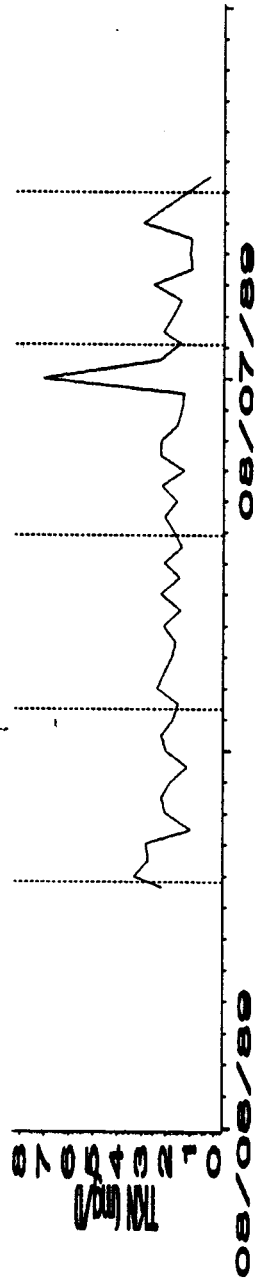


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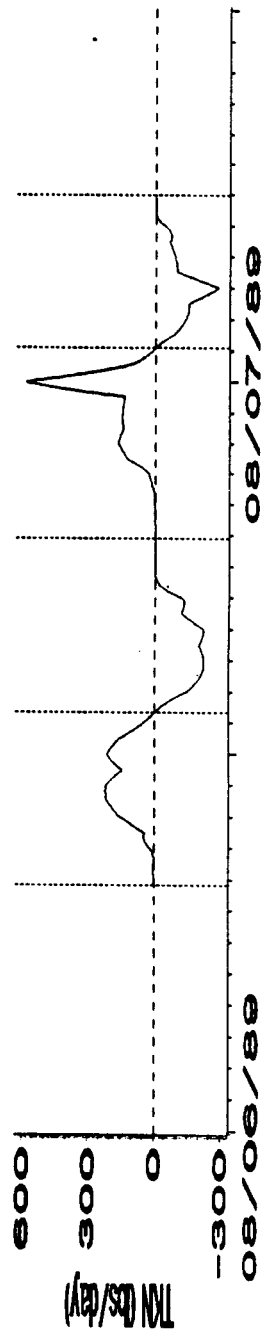
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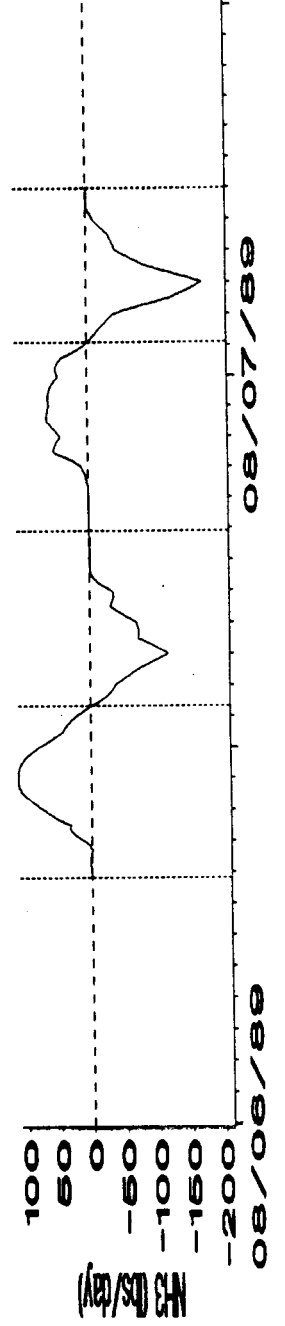
CONCENTRATION



MASS FLUX

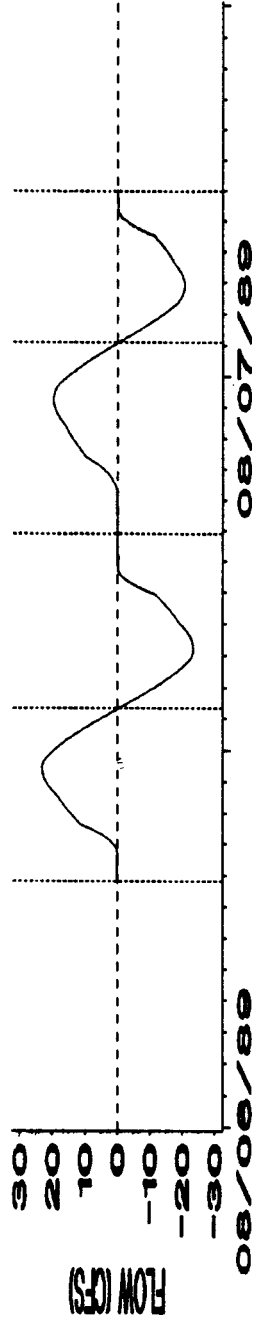


FLOW

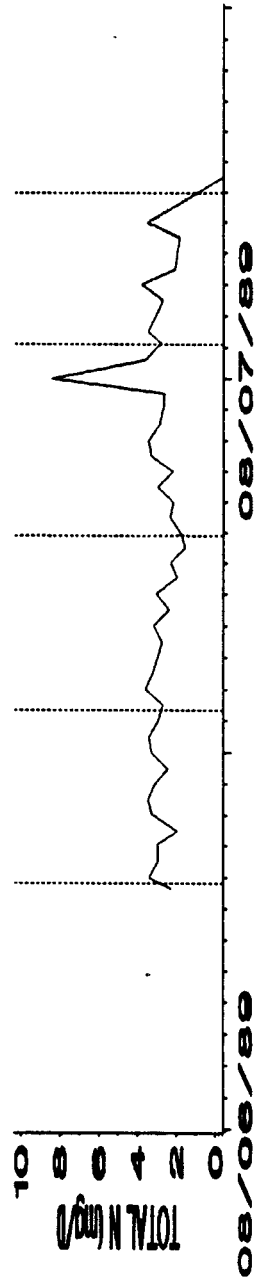


TOTAL NITROGEN CONCENTRATION AND FLUX DATA - AUGUST 1989
STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

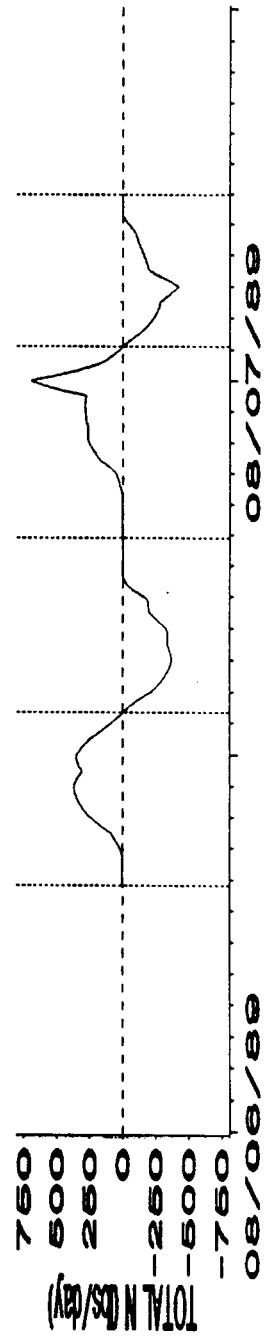
FLOW



CONCENTRATION

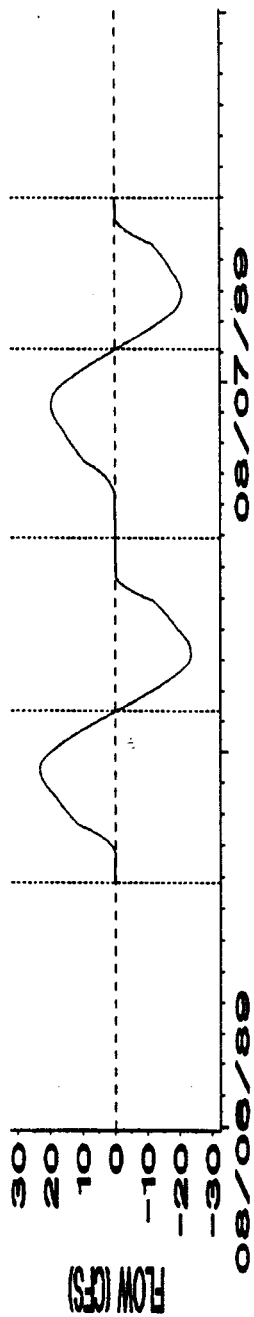


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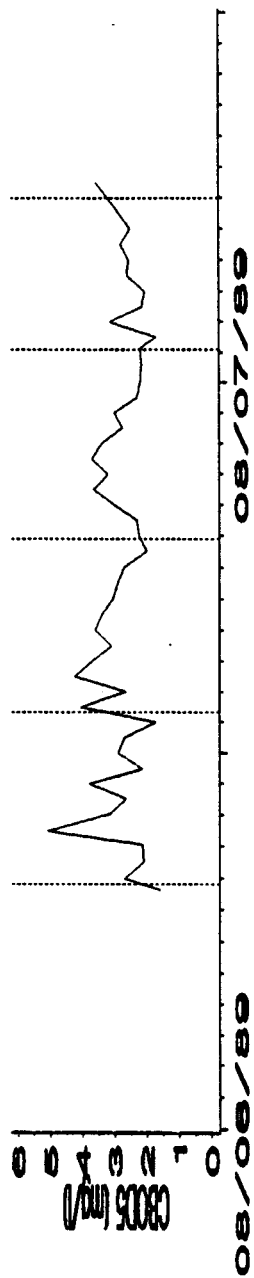


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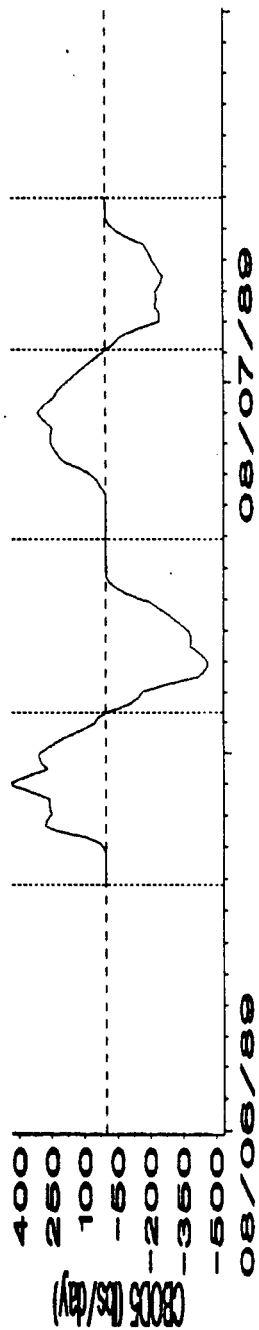
FLOW



CONCENTRATION

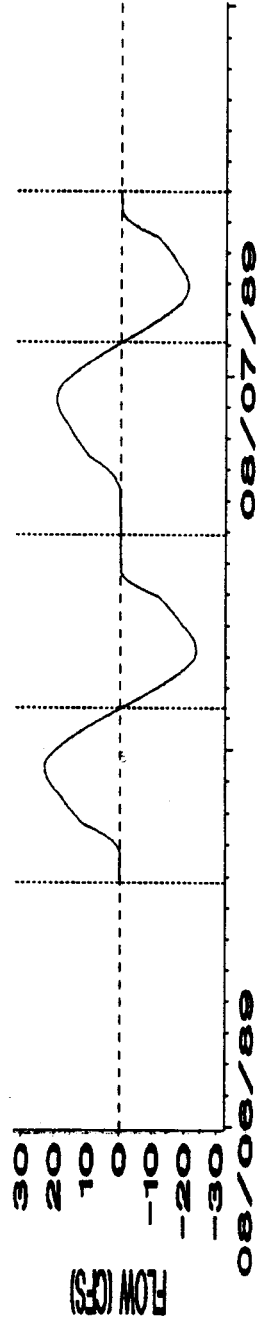


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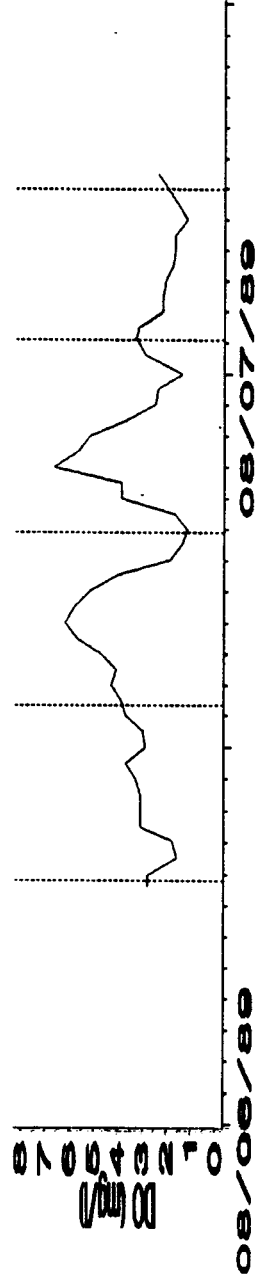


DO CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

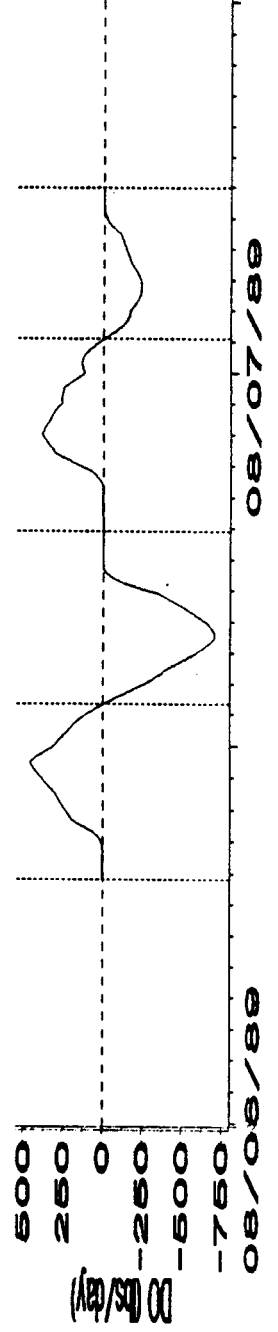
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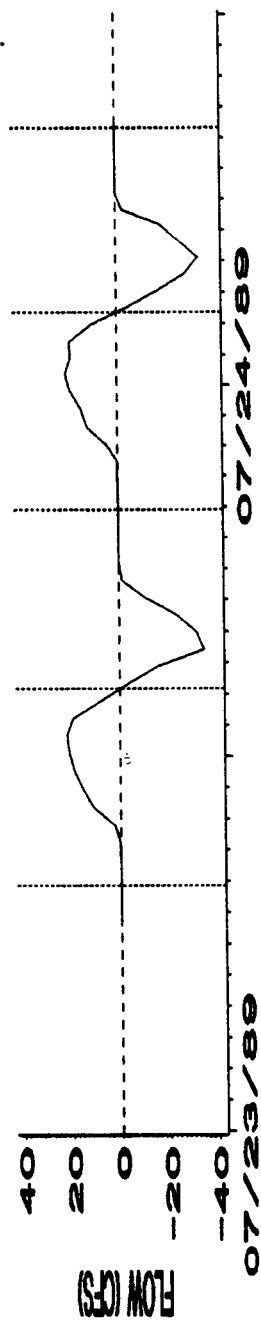


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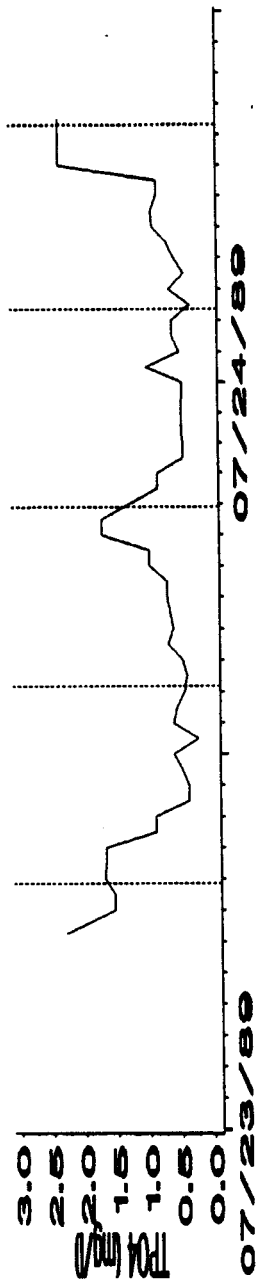


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - JULY 1989 STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT / SOUTH

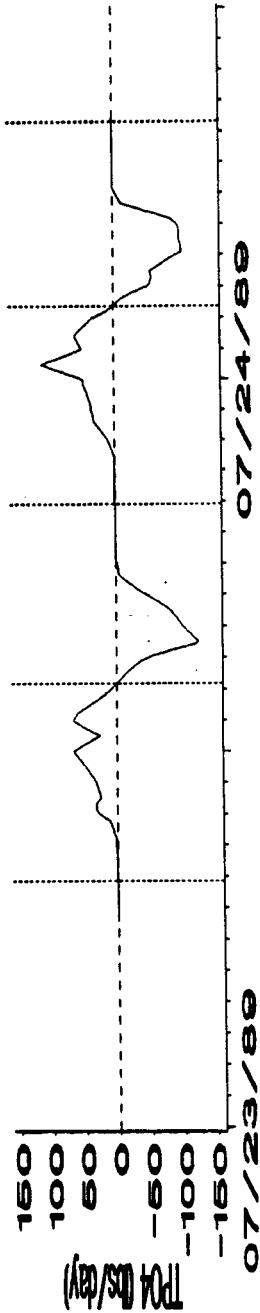
FLOW



CONCENTRATION

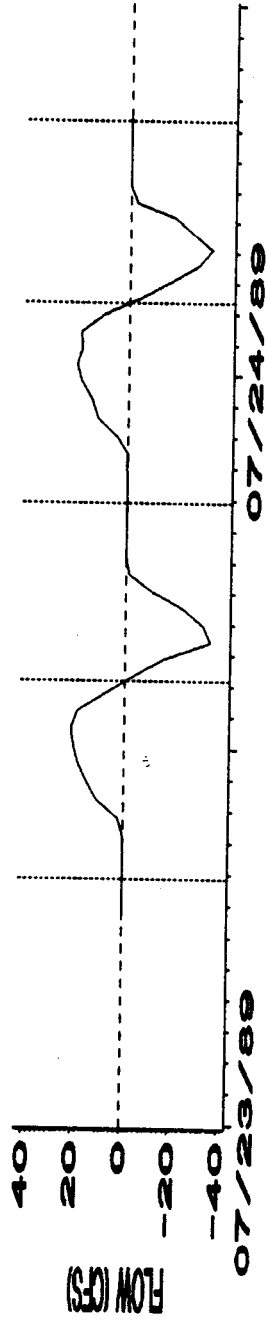


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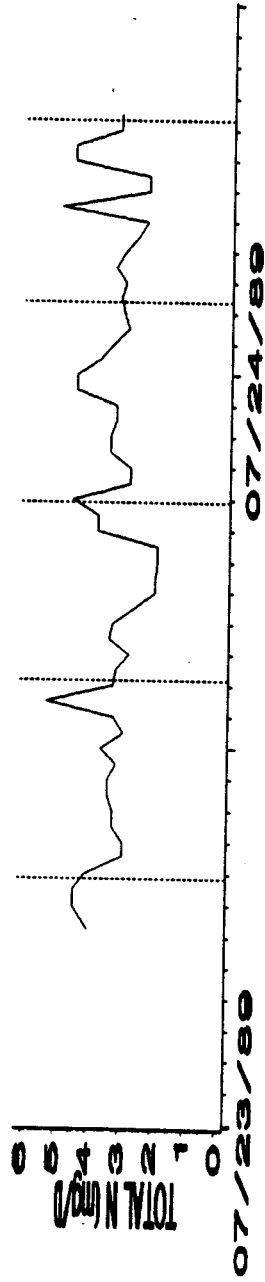


TOTAL NITROGEN CONCENTRATION AND FLUX DATA - JULY 1989 STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

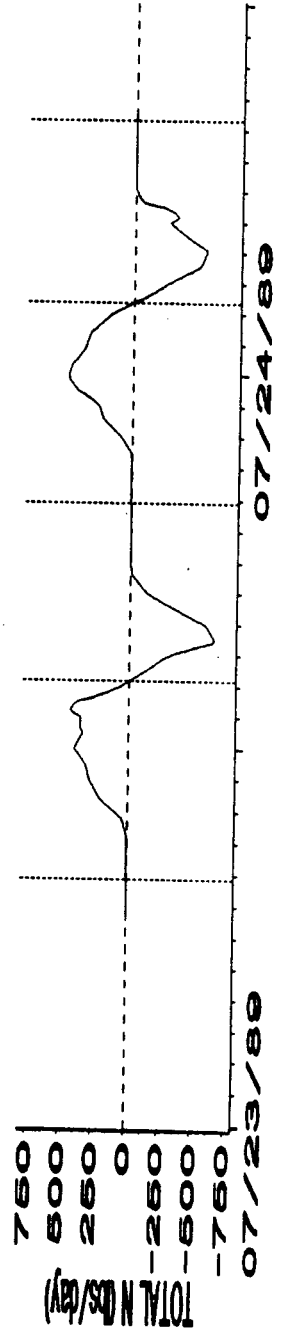
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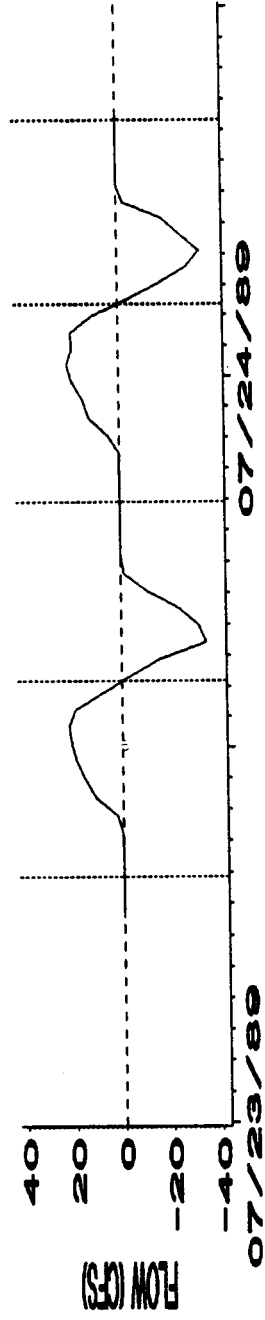


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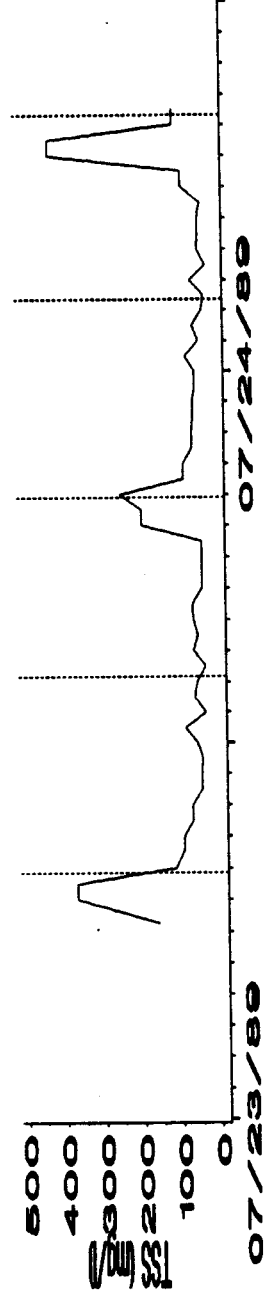


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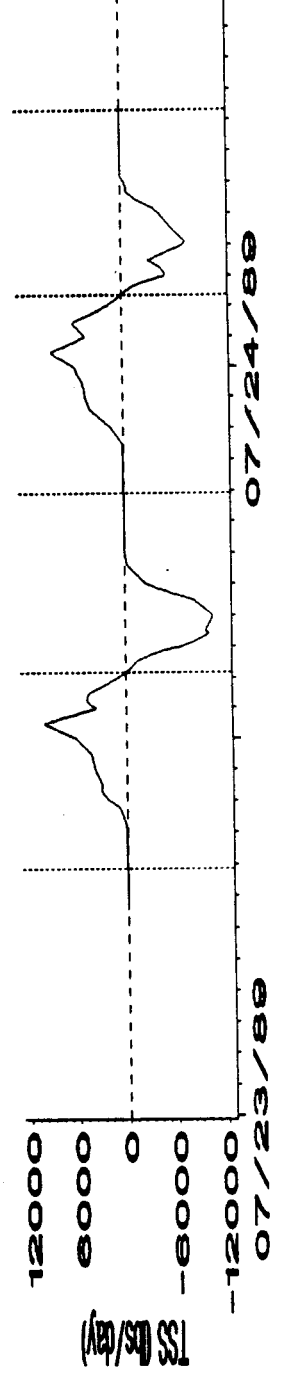
FLOW



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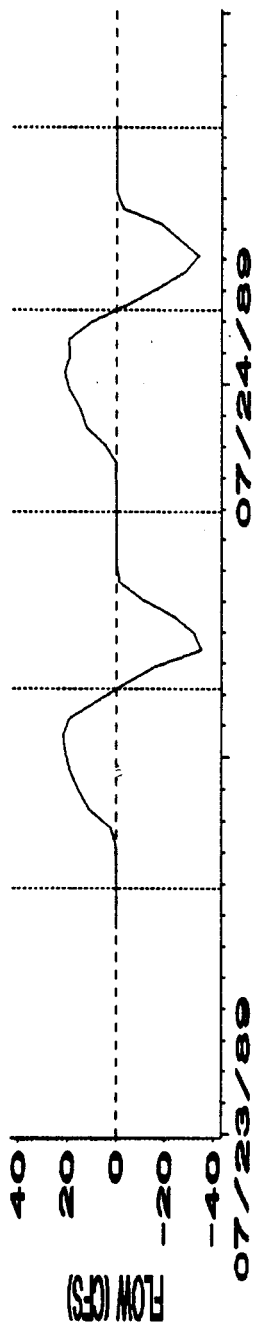


MASS FLUX

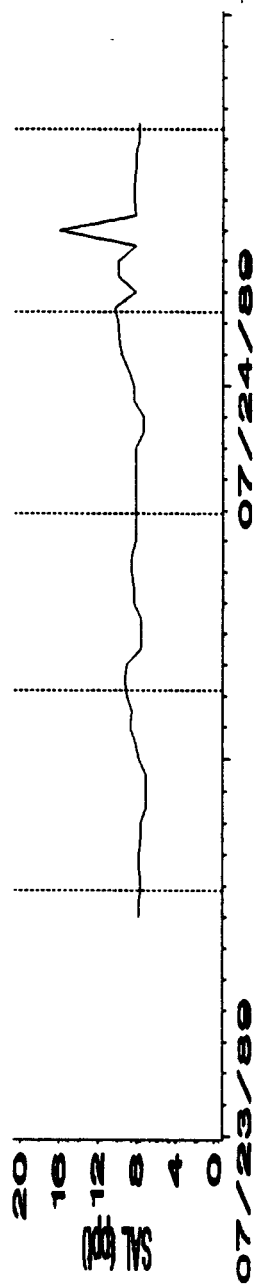


SALINITY CONCENTRATION AND FLUX DATA - JULY 1989 STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

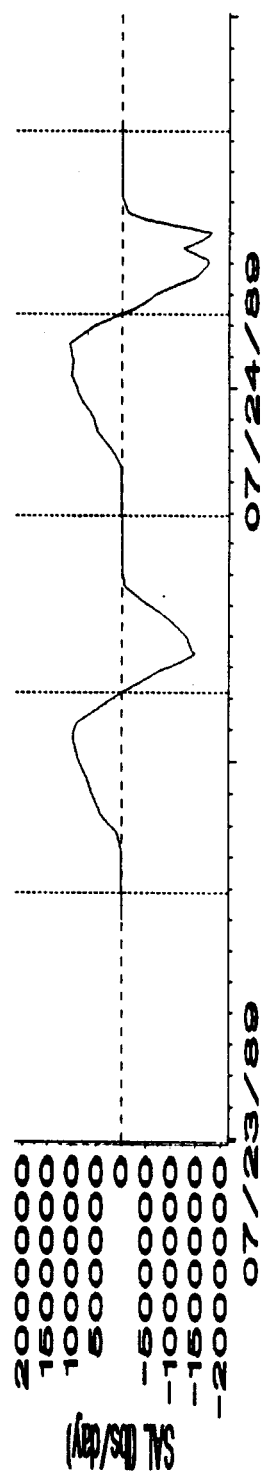
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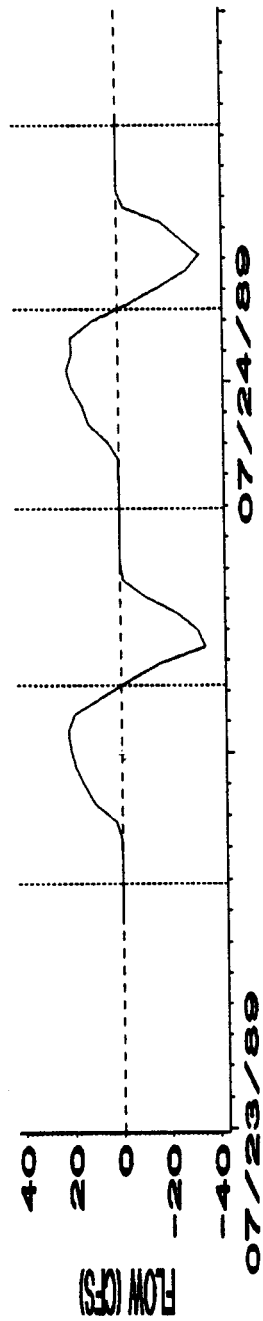


MASS FLUX



TKN CONCENTRATION AND FLUX DATA - JULY 1989 STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

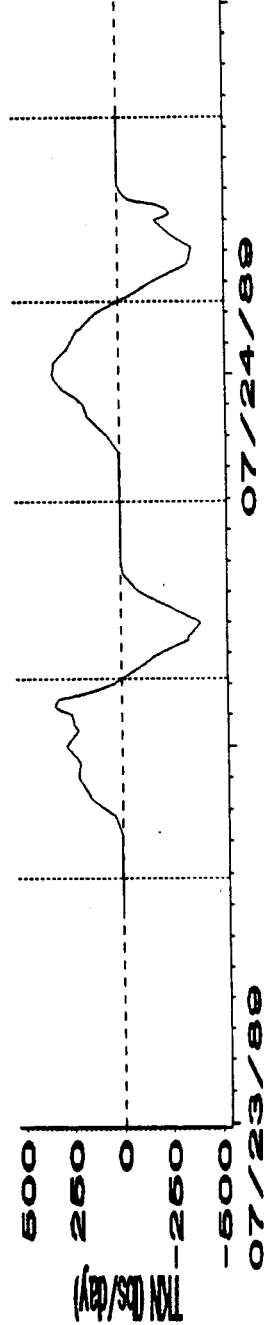
FLOW



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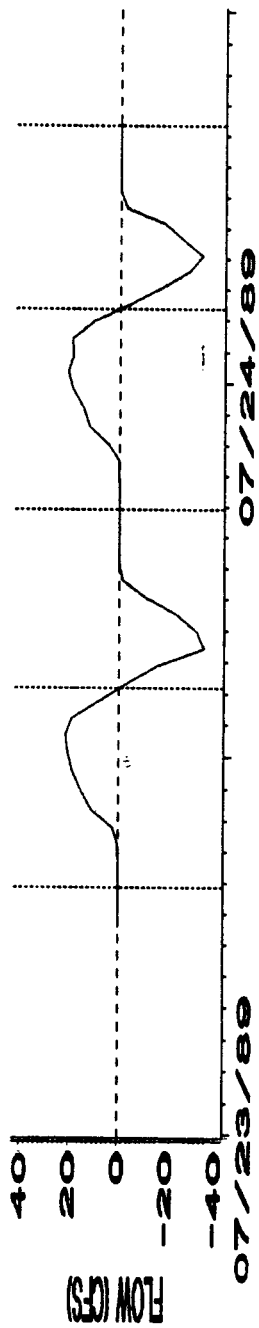


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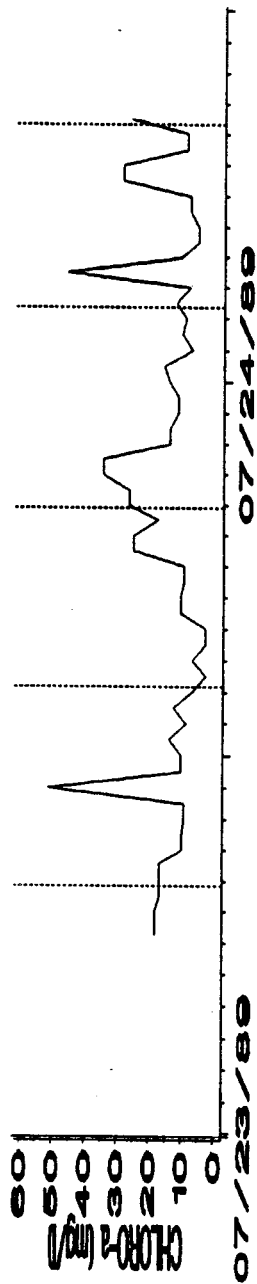


CHLORO-a CONCENTRATION AND FLUX DATA - JULY 1989
STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

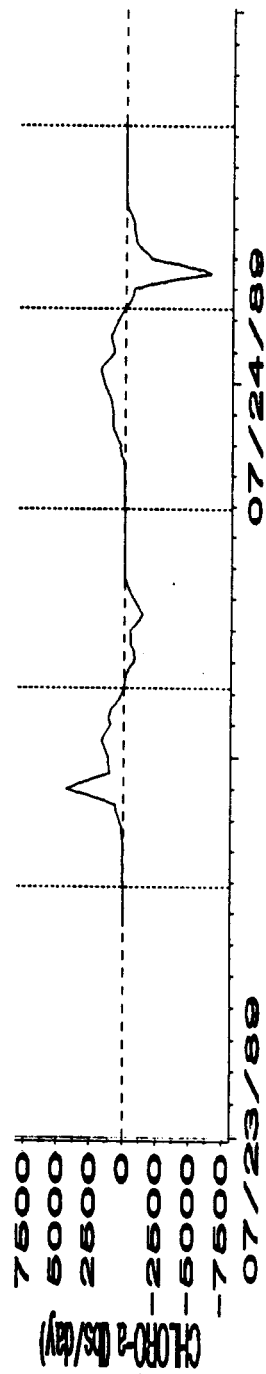
FLOW



CONCENTRATION

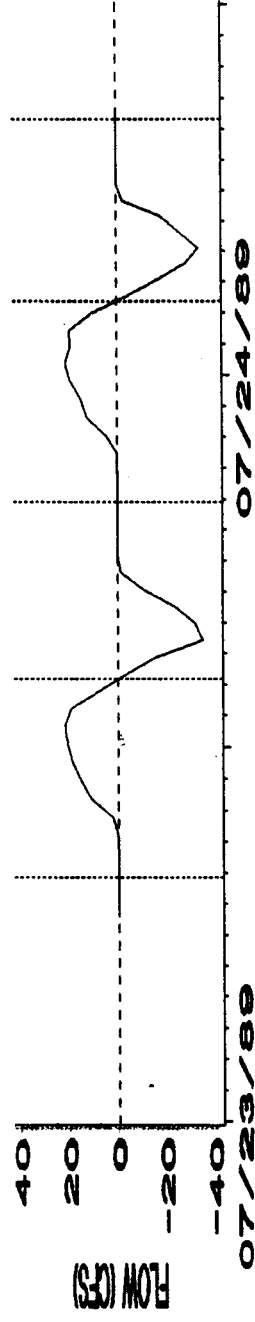


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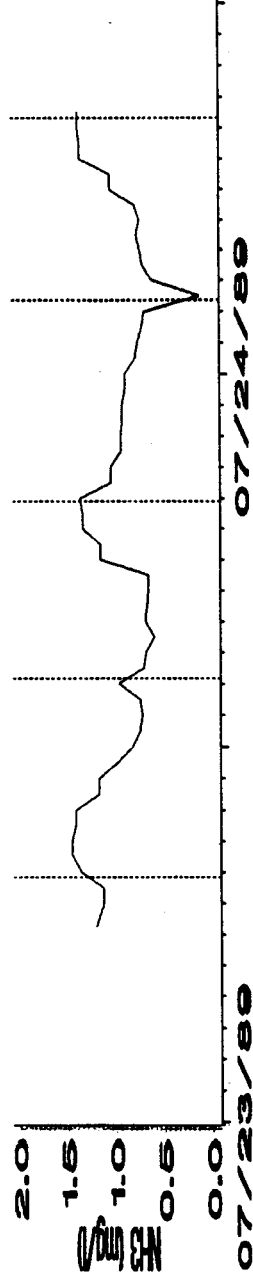


NH3 CONCENTRATION AND FLUX DATA - JULY 1989 STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

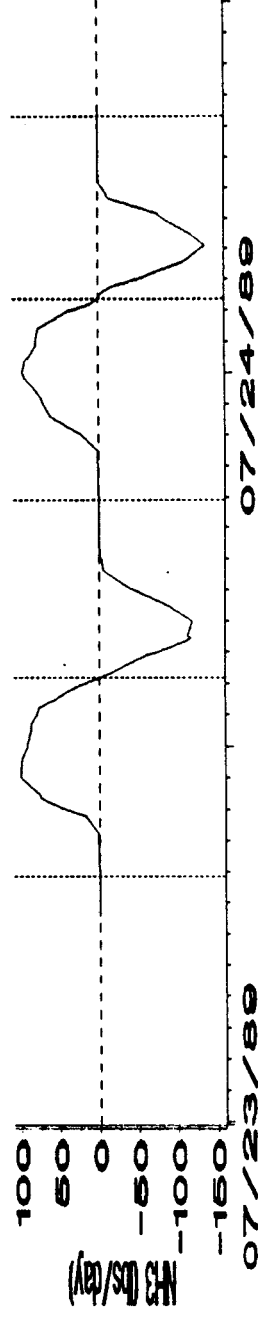
FLOW



CONCENTRATION

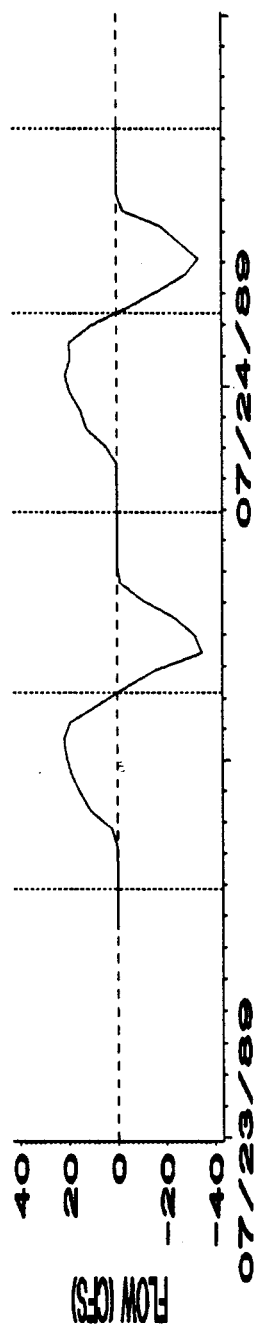


MASS FLUX

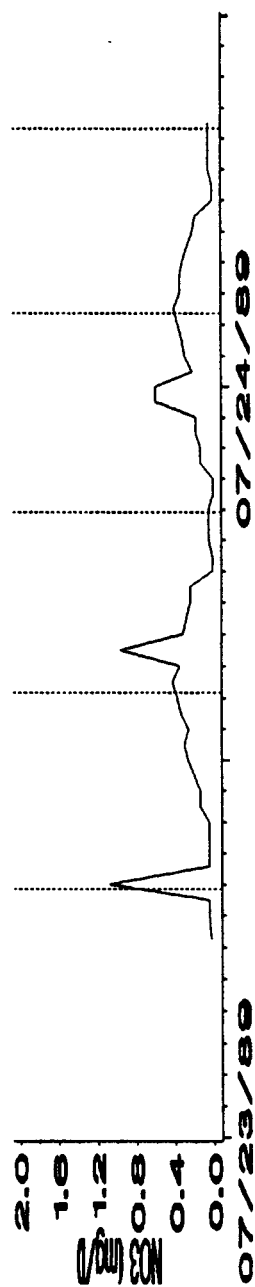


NITRATE CONCENTRATION AND FLUX DATA - JULY 1989 STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH

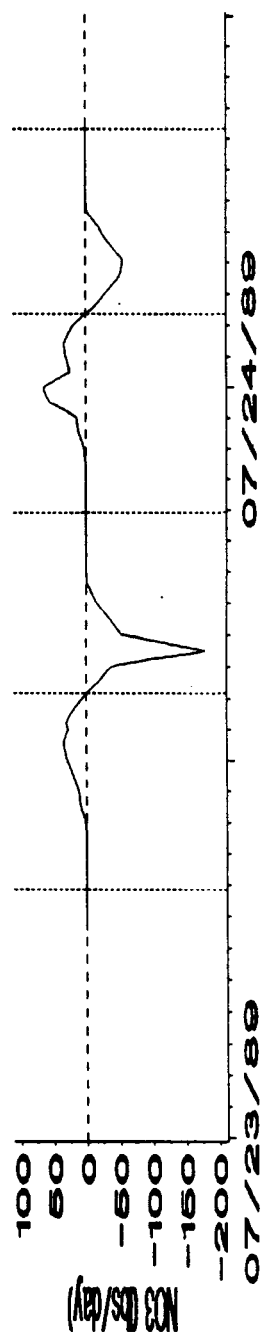
FLOW



CONCENTRATION

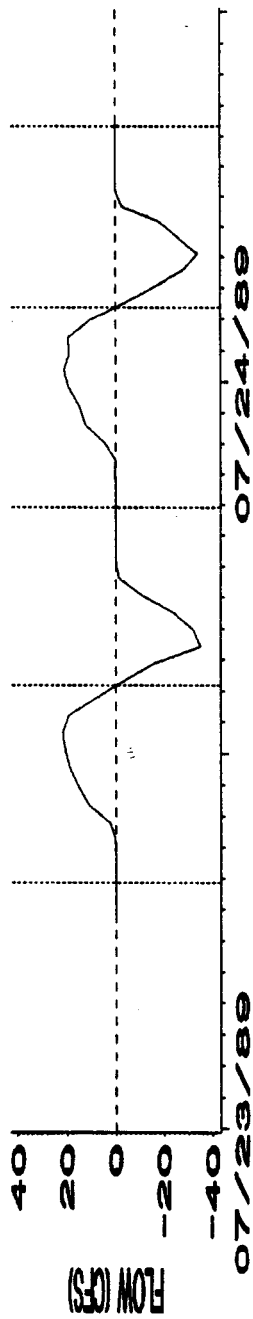


MASS FLUX

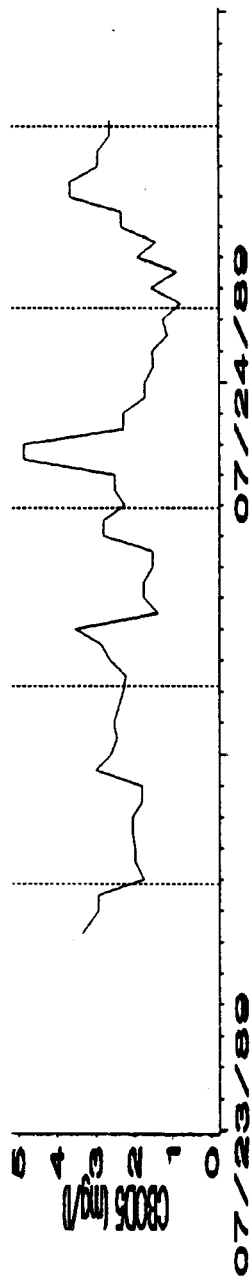


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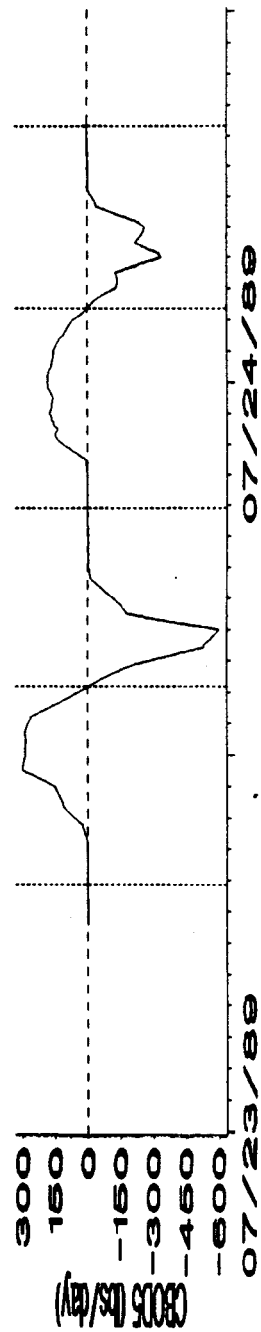
FLOW



CONCENTRATION

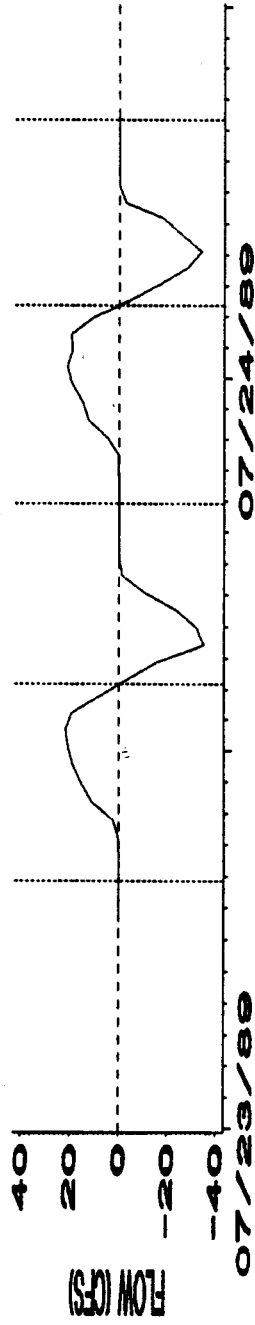


MASS FLUX

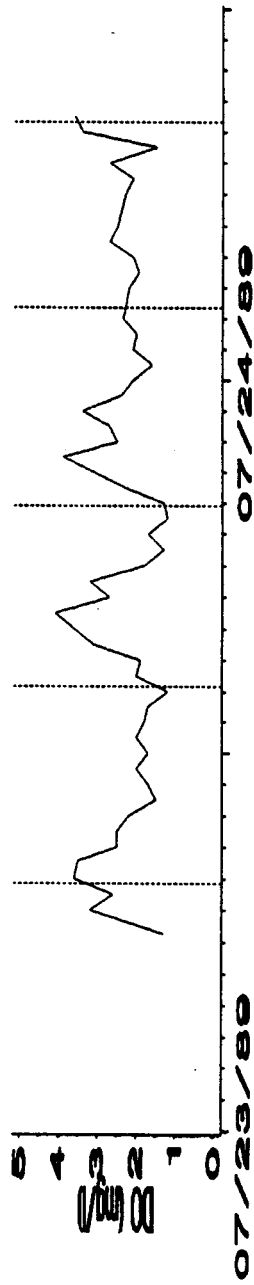


DO CONCENTRATION AND FLUX DATA - JULY 1989
STATION M2 - SAWMILL CREEK MARSH IMPOUNDMENT / SOUTH

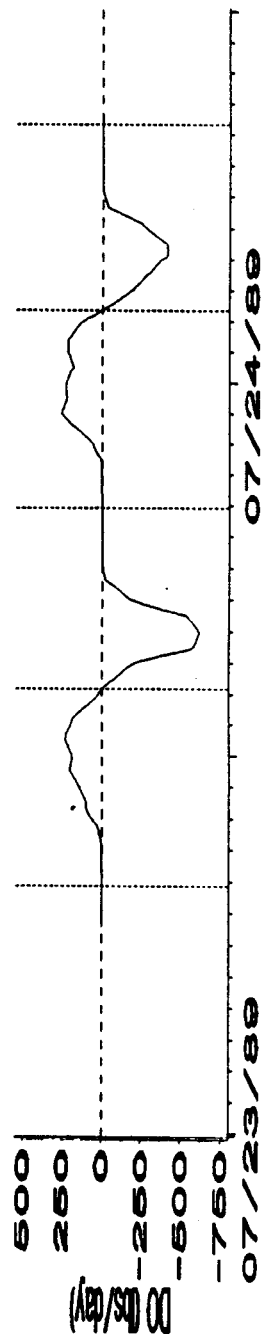
FLOW



CONCENTRATION

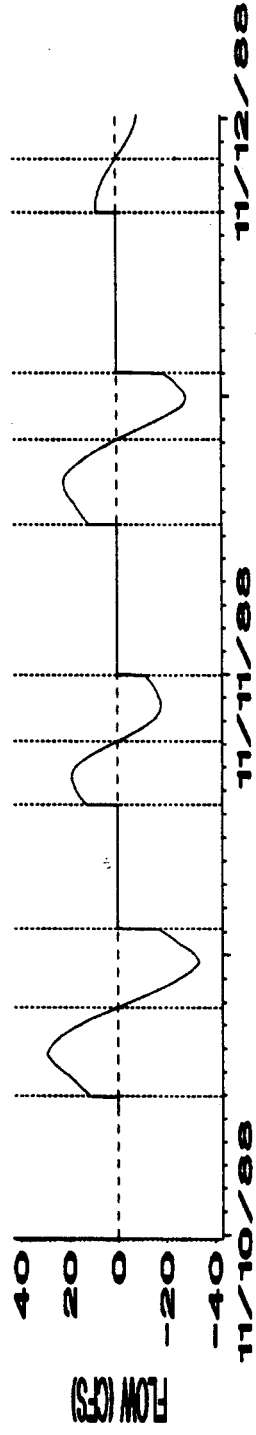


MASS FLUX

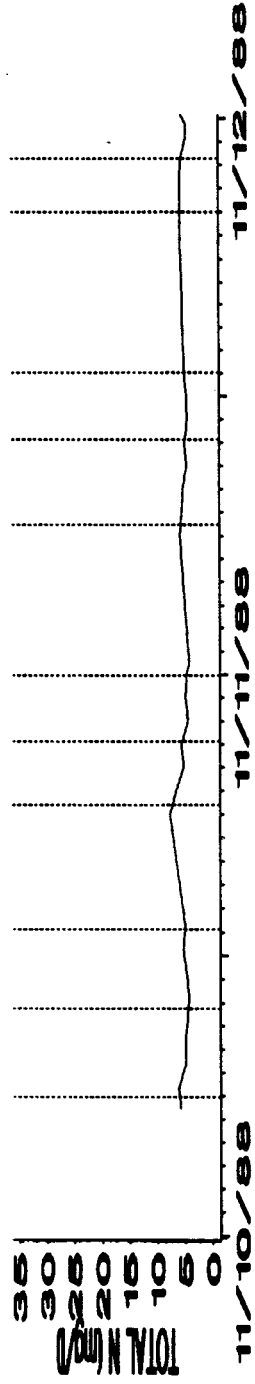


TOTAL NITROGEN CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M2 - SAWMILL CREEK MARSH EMBAYMENT / SOUTH

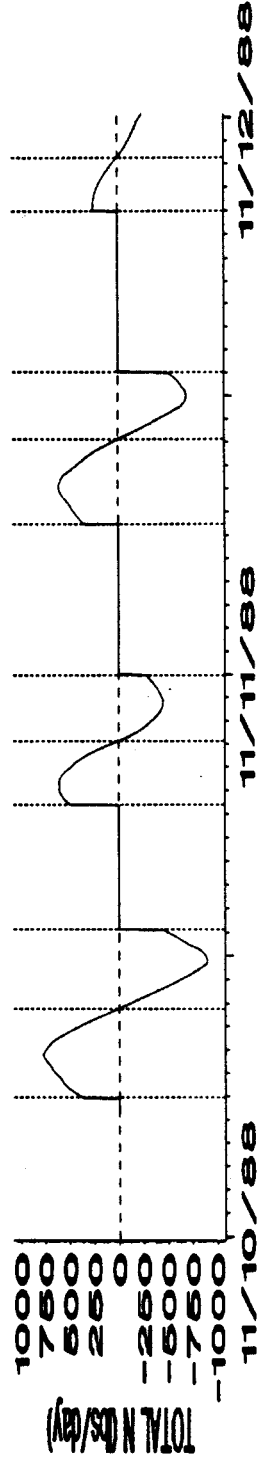
FLOW



CONCENTRATION

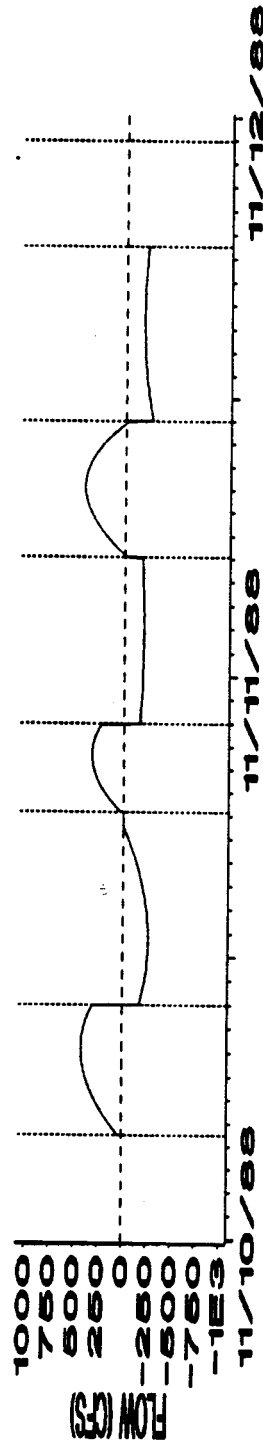


MASS FLUX

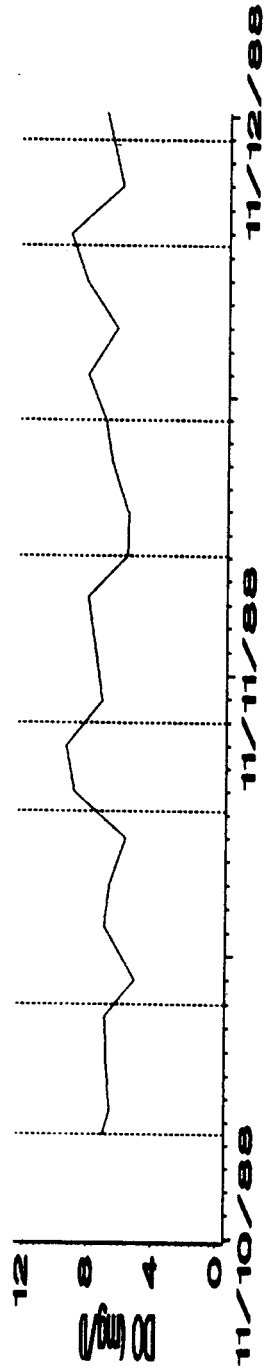


DO CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M1 - SAWMILL CREEK MUDFLAT

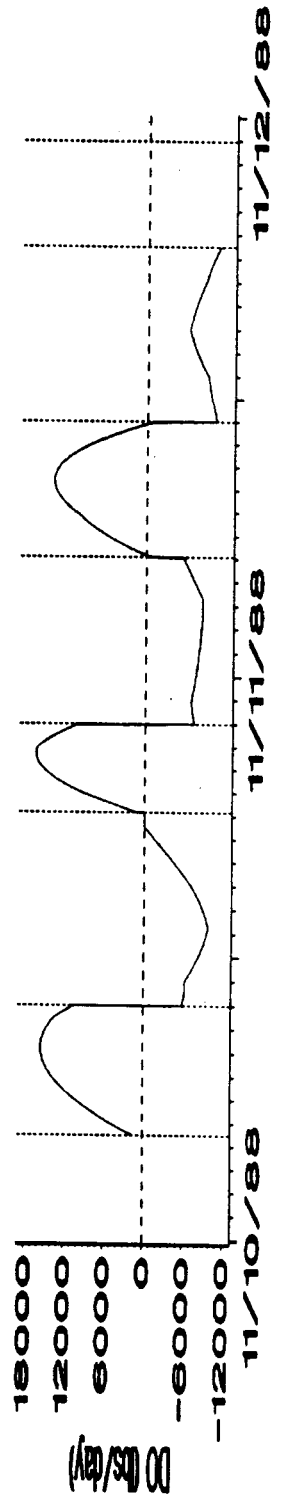
FLOW



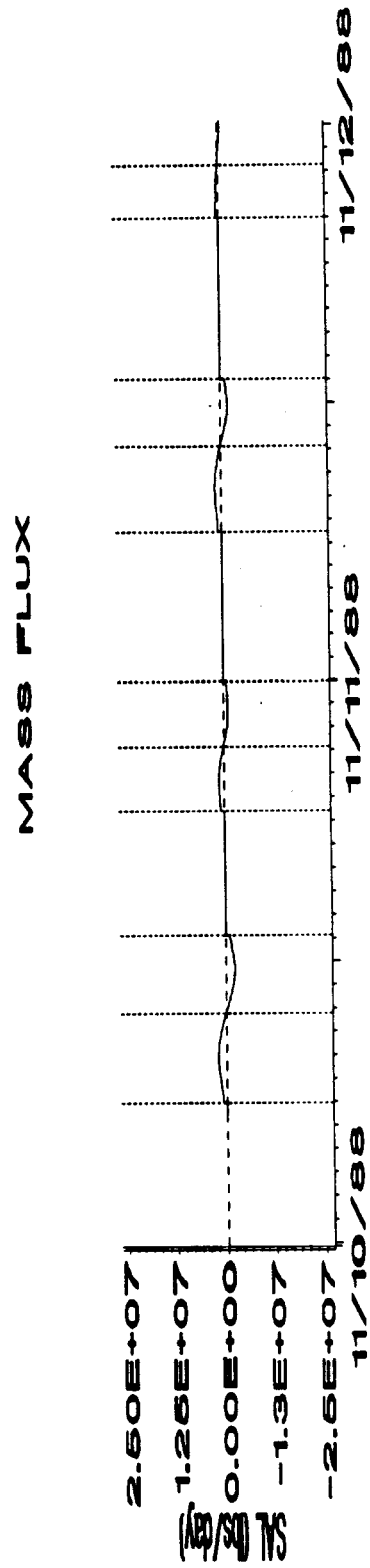
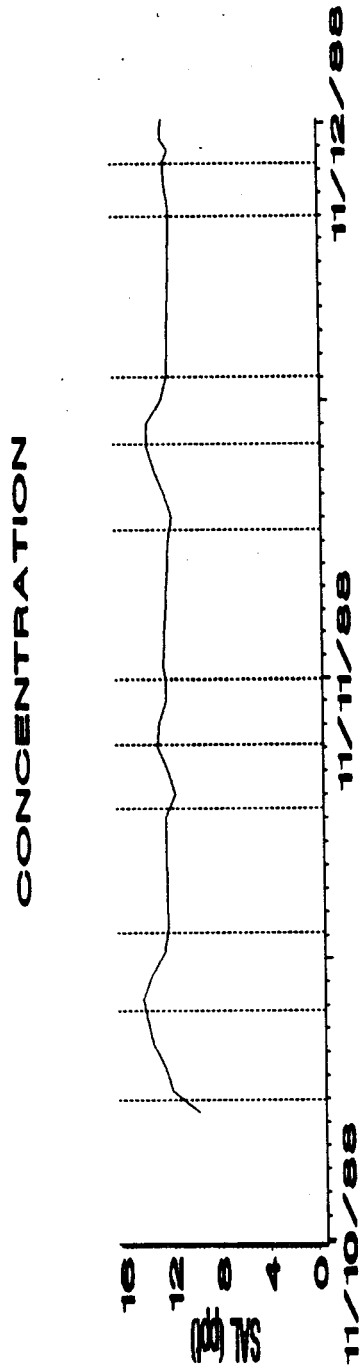
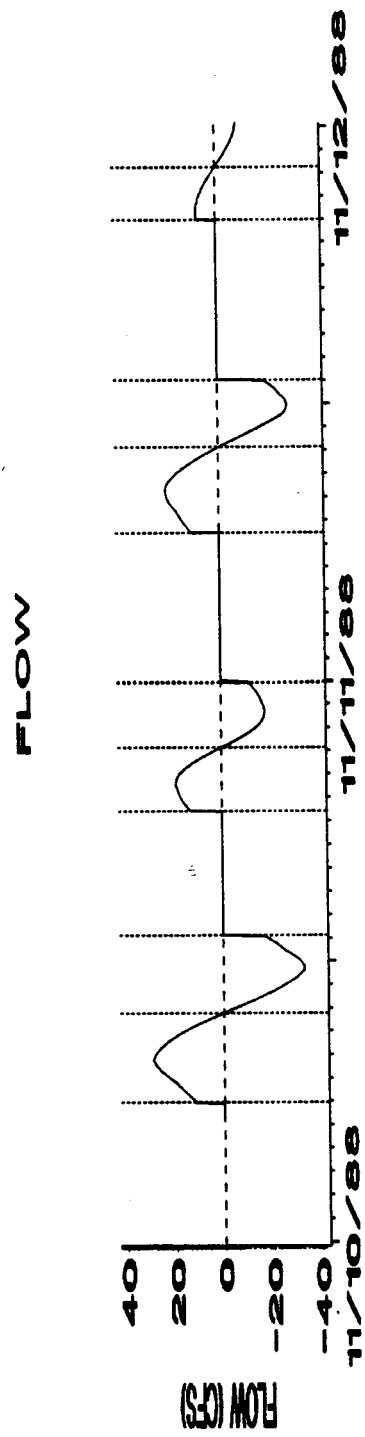
CONCENTRATION



MASS FLUX

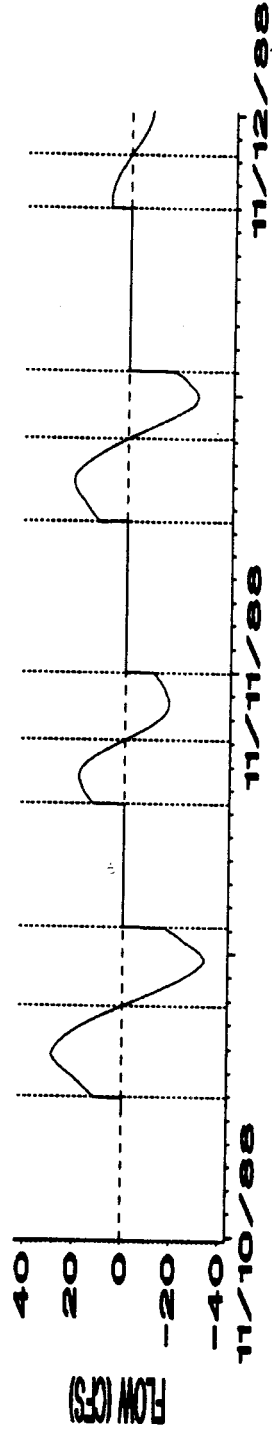


SALINITY CONCENTRATION AND FLUX DATA - NOVEMBER 1988
STATION M2 - SAWMILL CREEK MARSH EMBAYMENT / SOUTH

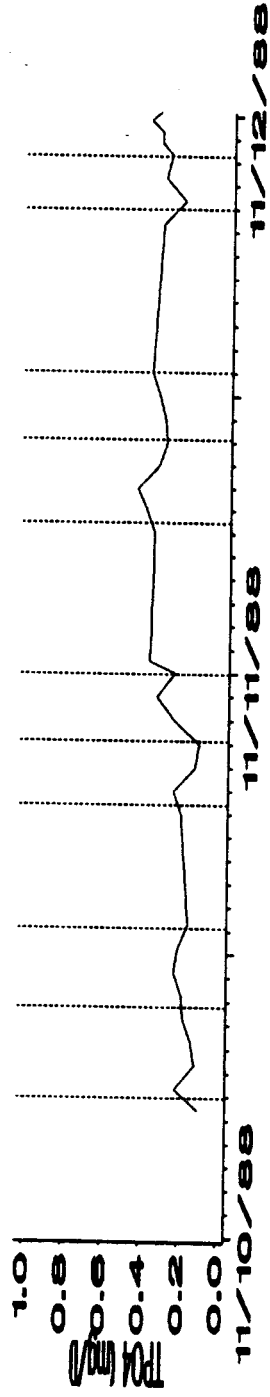


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M2 - SAWMILL CREEK MARSH EMBAYMENT/SOUTH

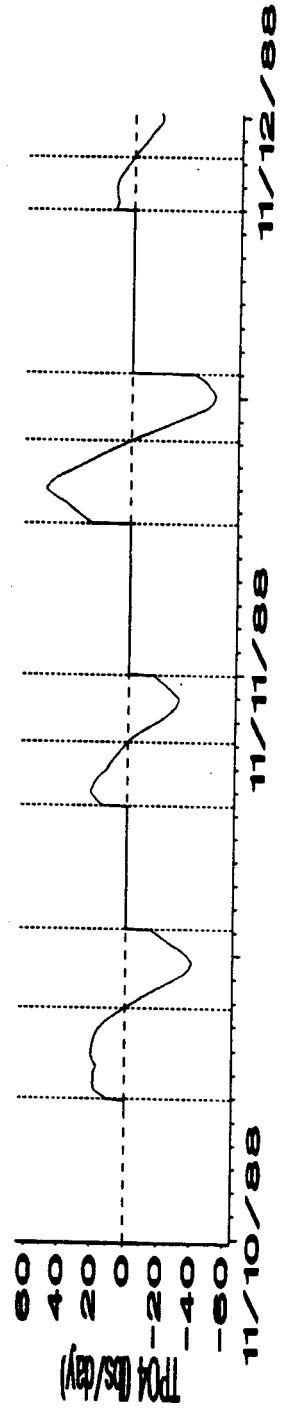
FLOW



CONCENTRATION

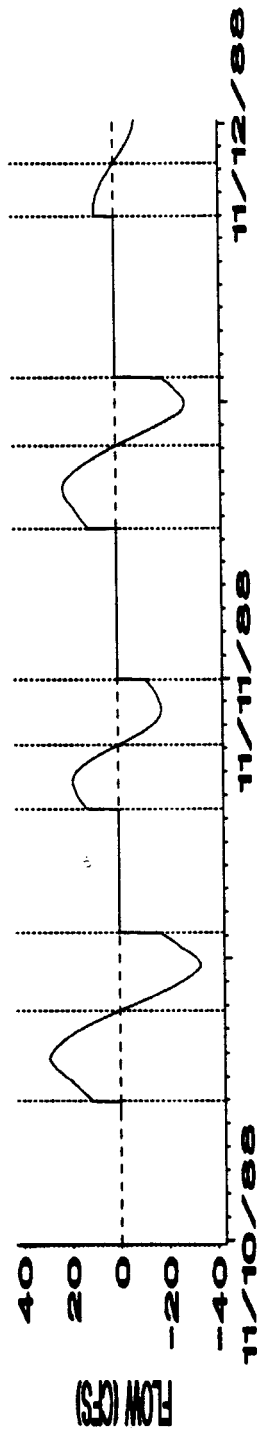


MASS FLUX

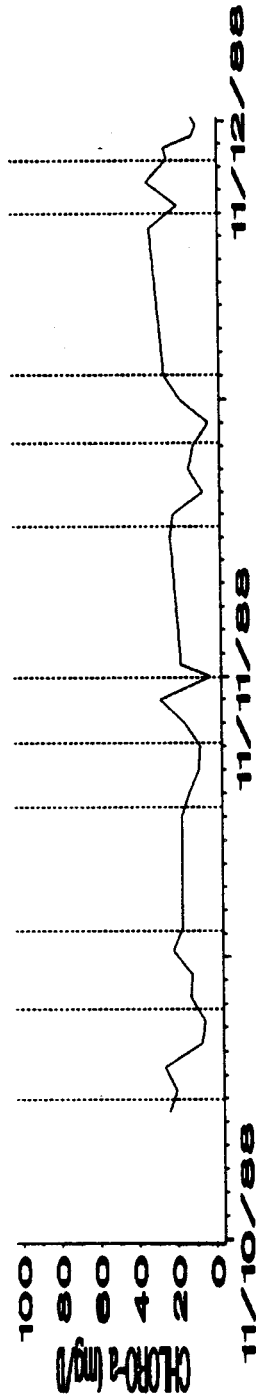


CHOLRO-a CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M2 - SAWMILL CREEK MARSH EMBAYMENT/SOUTH

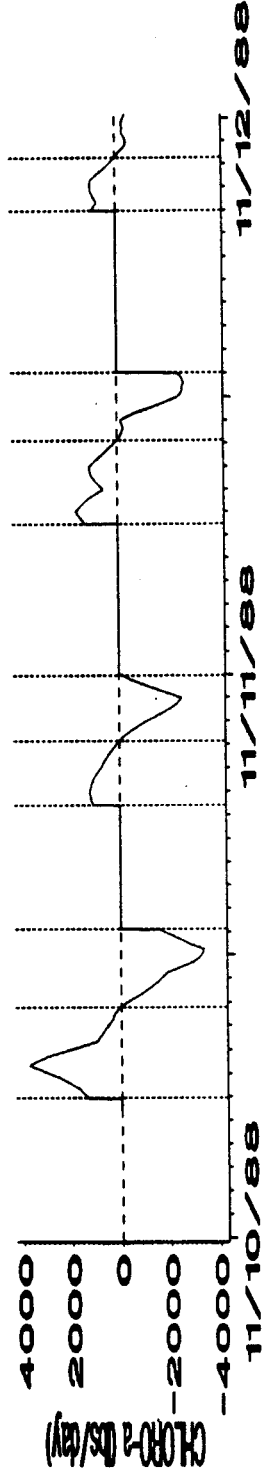
FLOW



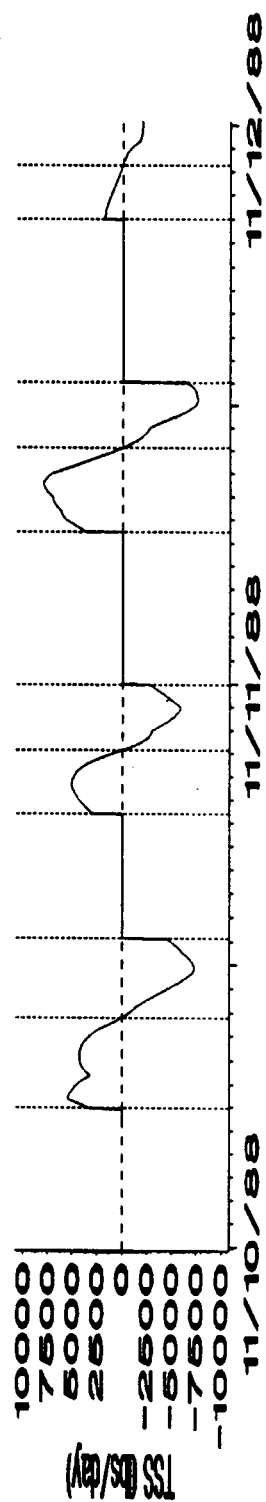
CONCENTRATION



MASS FLUX

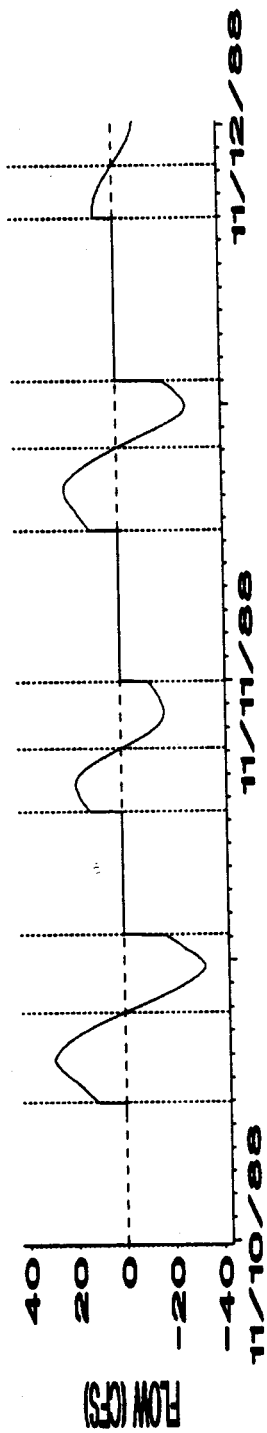


WOLFE

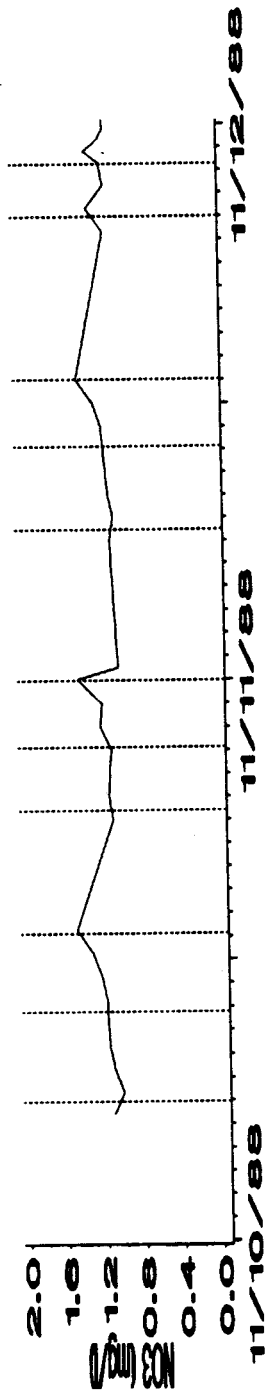


NITRATE CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M2 - SAWMILL CREEK MARSH EMBAYMENT/SOUTH

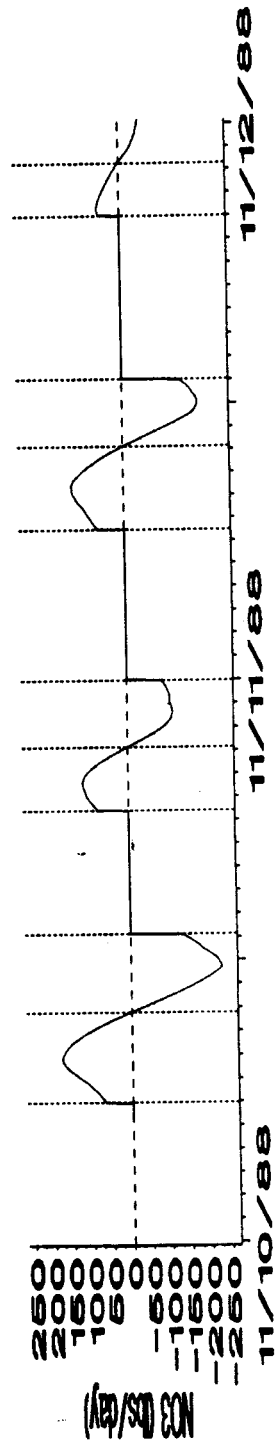
FLOW



CONCENTRATION

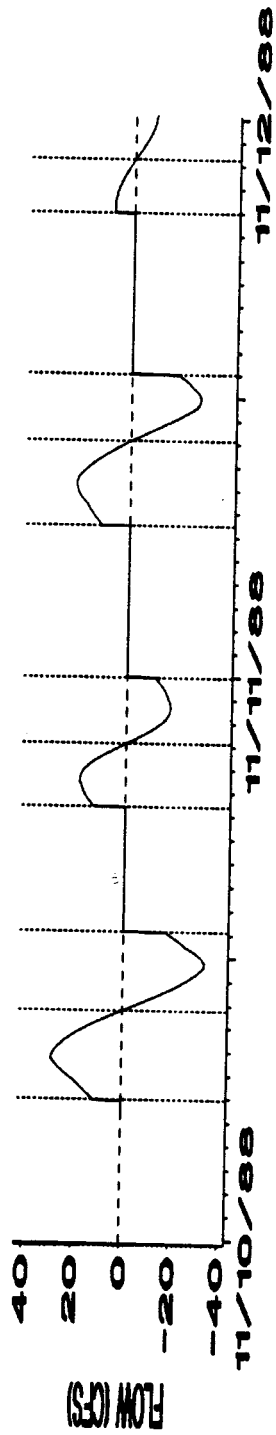


MASS FLUX

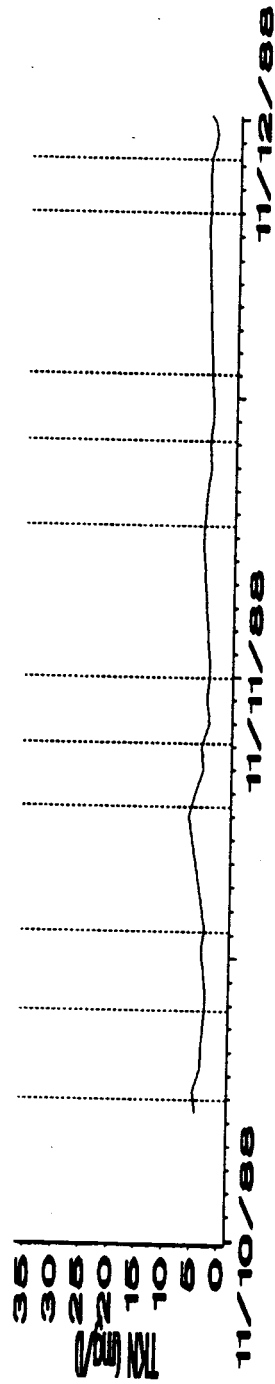


TKN CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M2 - SAWMILL CREEK MARSH EMBAYMENT/SOUTH

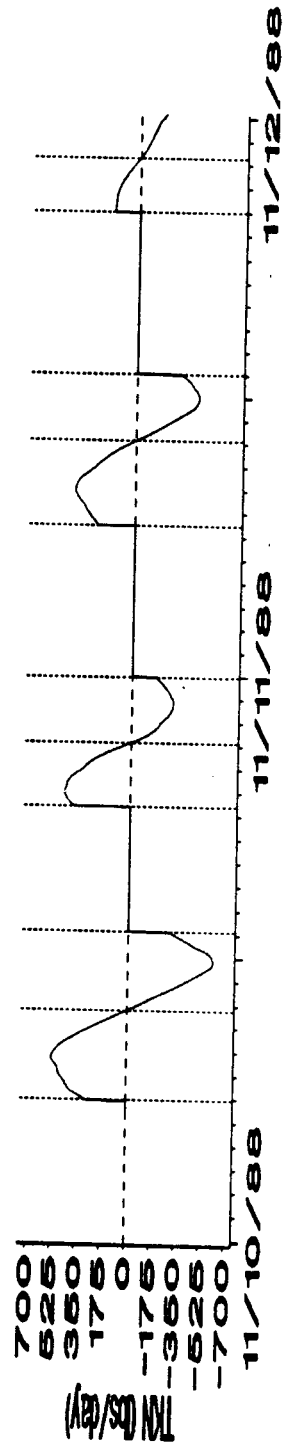
FLOW



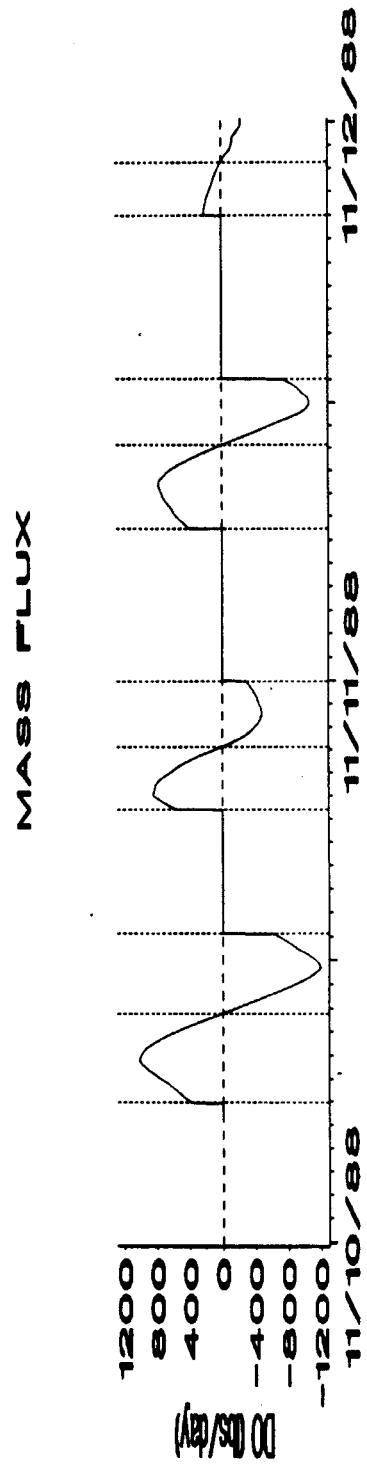
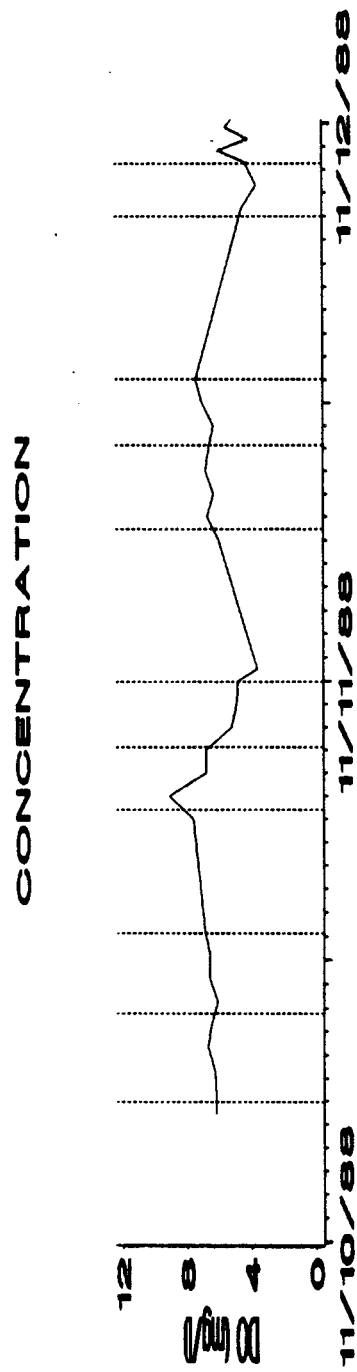
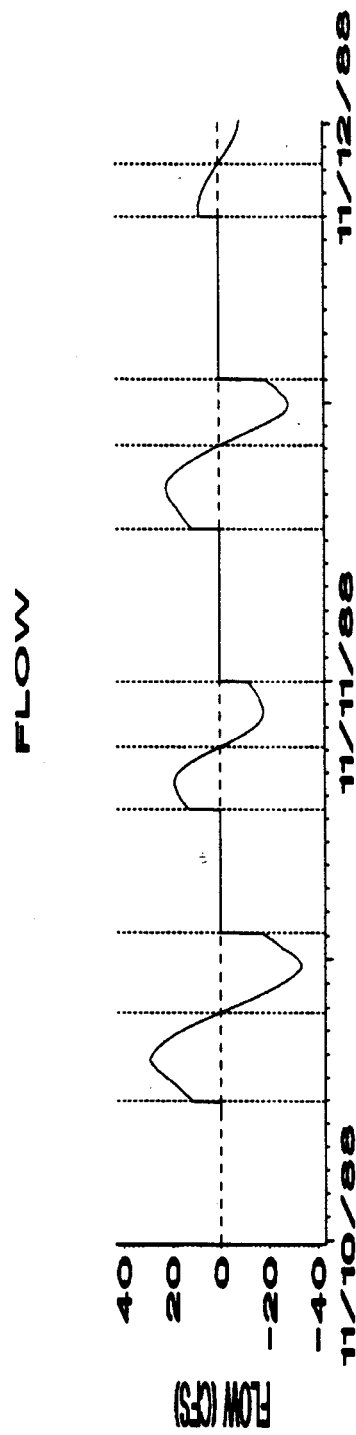
CONCENTRATION



MASS FLUX

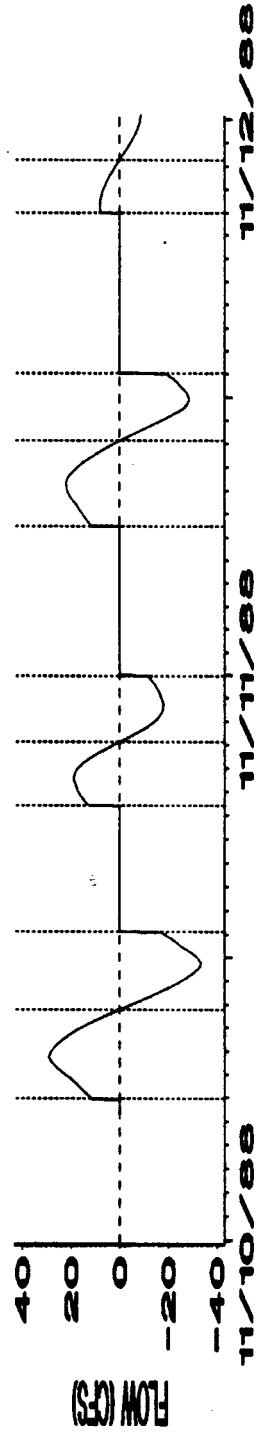


**DO CONCENTRATION AND FLUX DATA - NOVEMBER 1988
STATION M2 - SAWMILL CREEK MARSH EMBAYMENT / SOUTH**

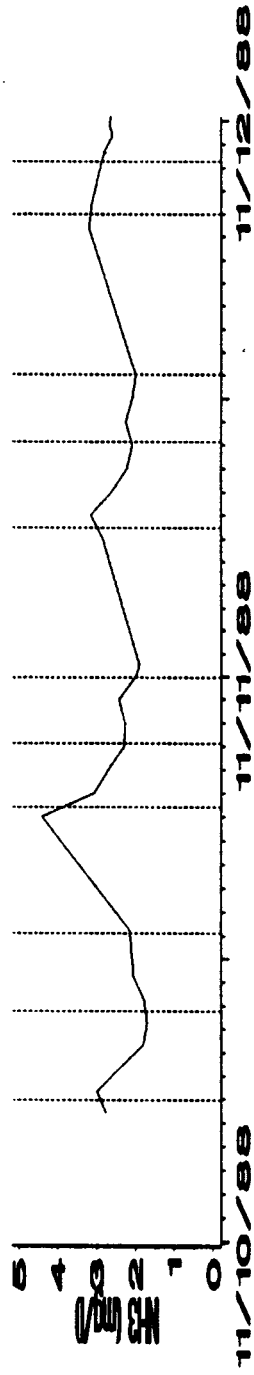


NH3 CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M2 - SAWMILL CREEK MARSH EMBAYMENT/SOUTH

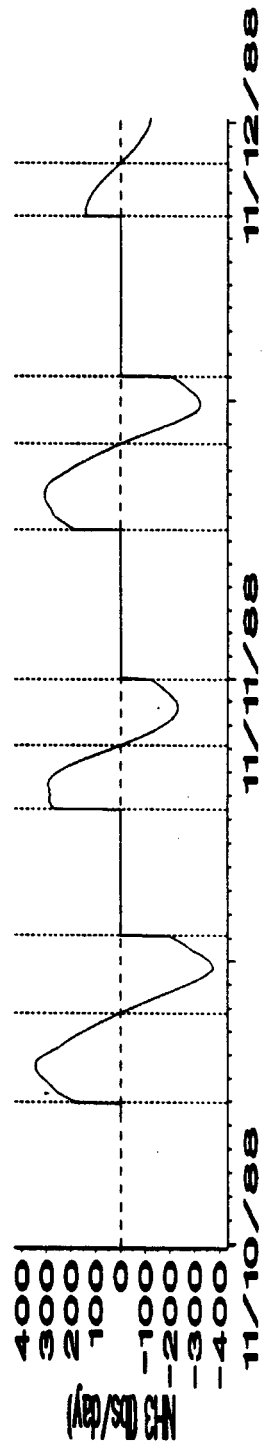
FLOW



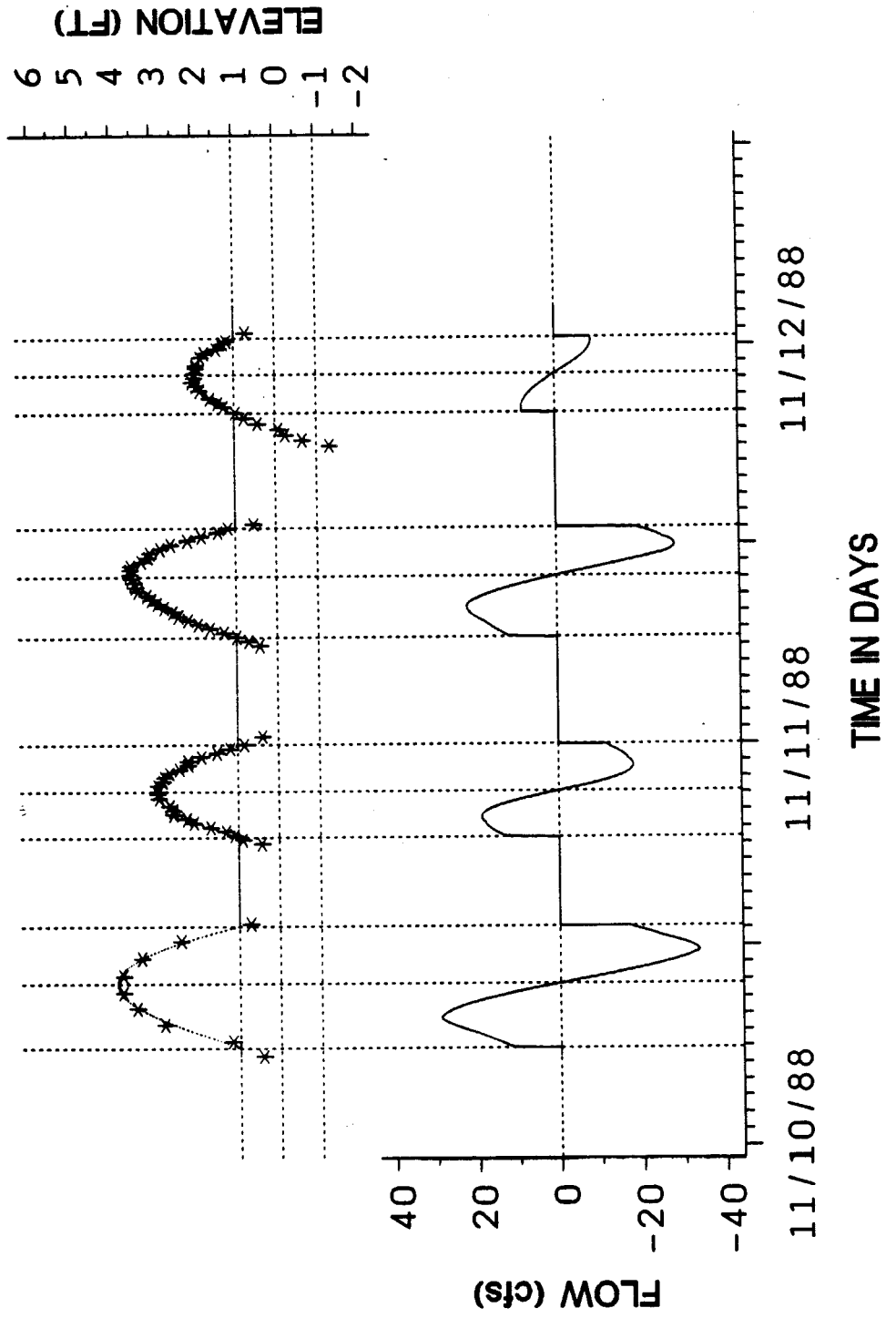
CONCENTRATION



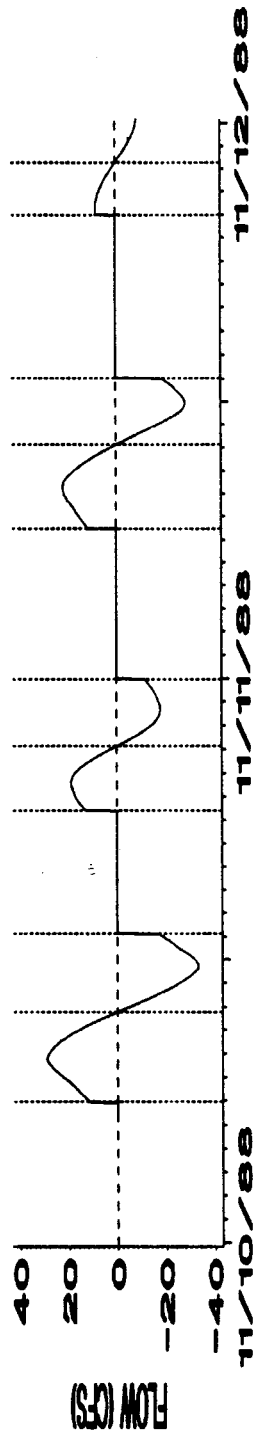
MASS FLUX



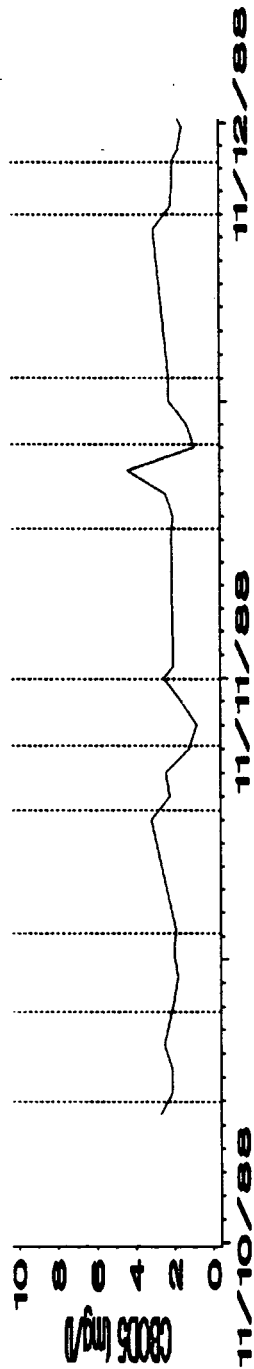
SAWMILL CREEK MARSH IMPOUNDMENT/SOUTH - NOVEMBER 1988 - FLOW VERSUS WATER ELEVATION



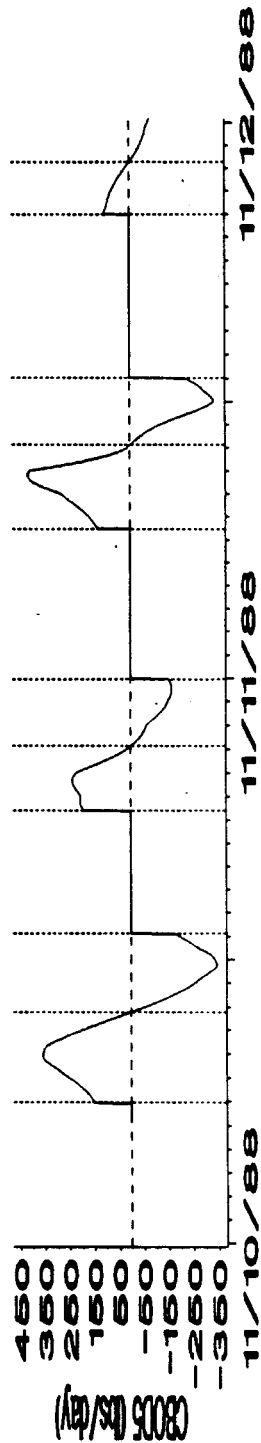
FLOW



CONCENTRATION

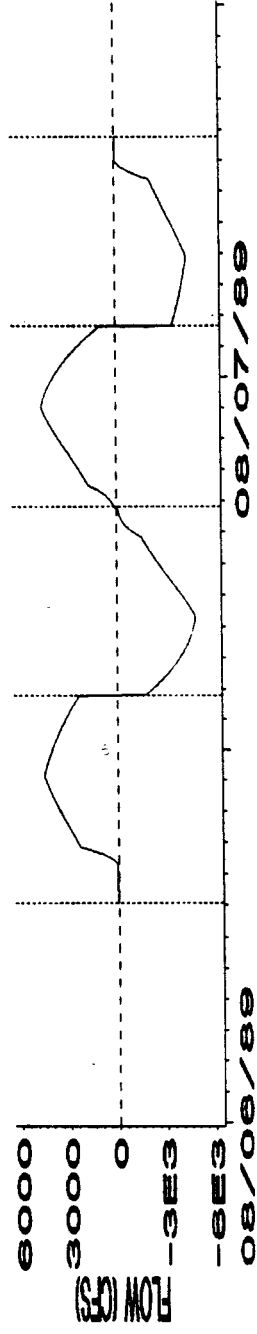


**FULL
MAG**

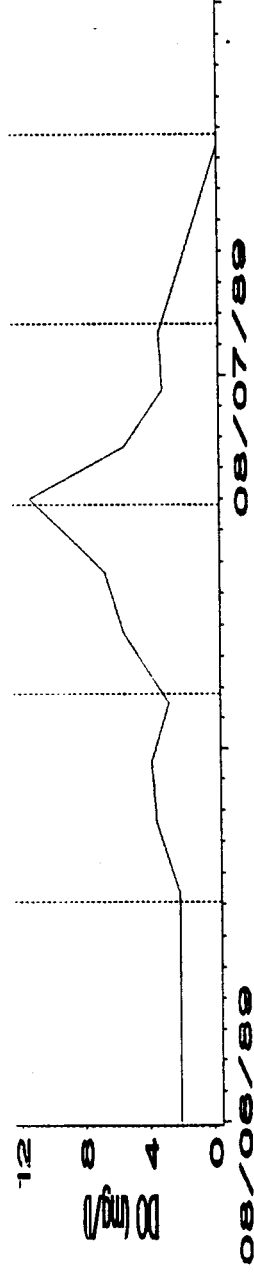


DO CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

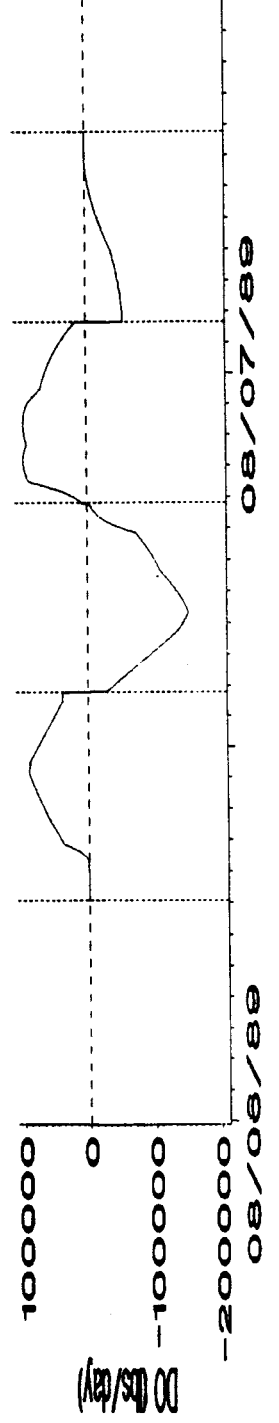
FLOW



CONCENTRATION

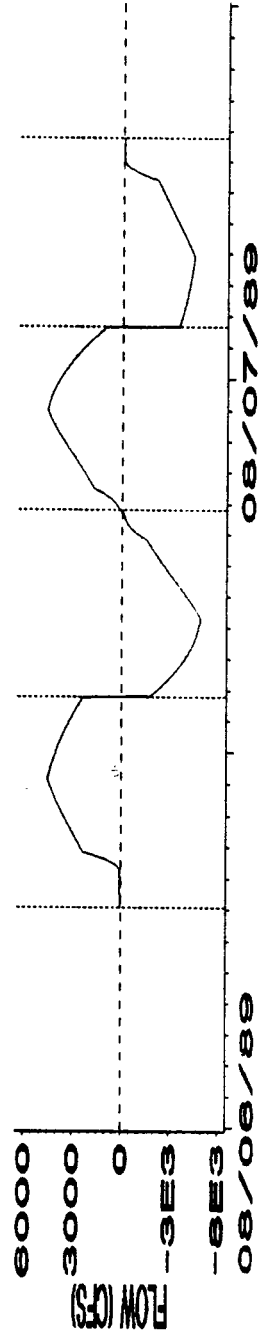


MASS FLUX

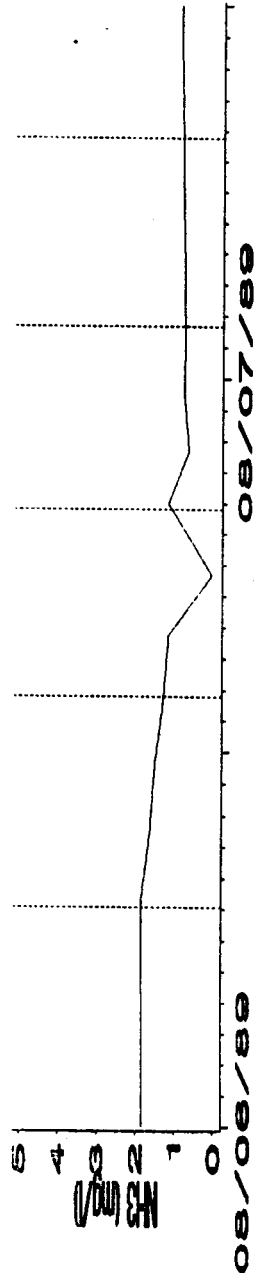


NH3 CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

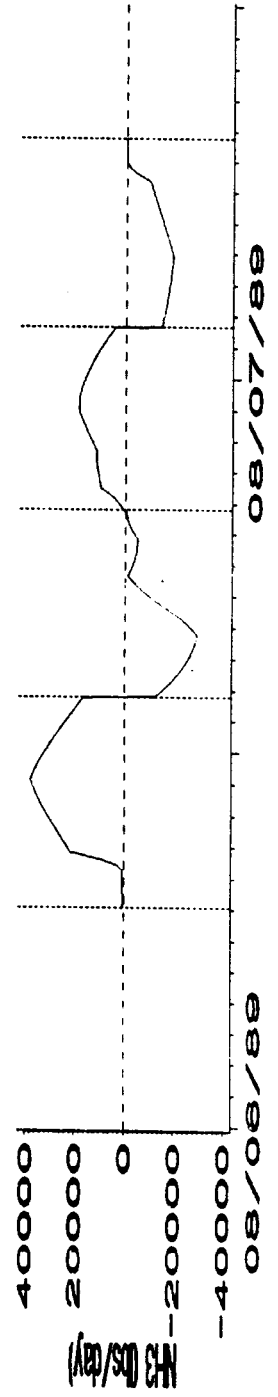
FLOW



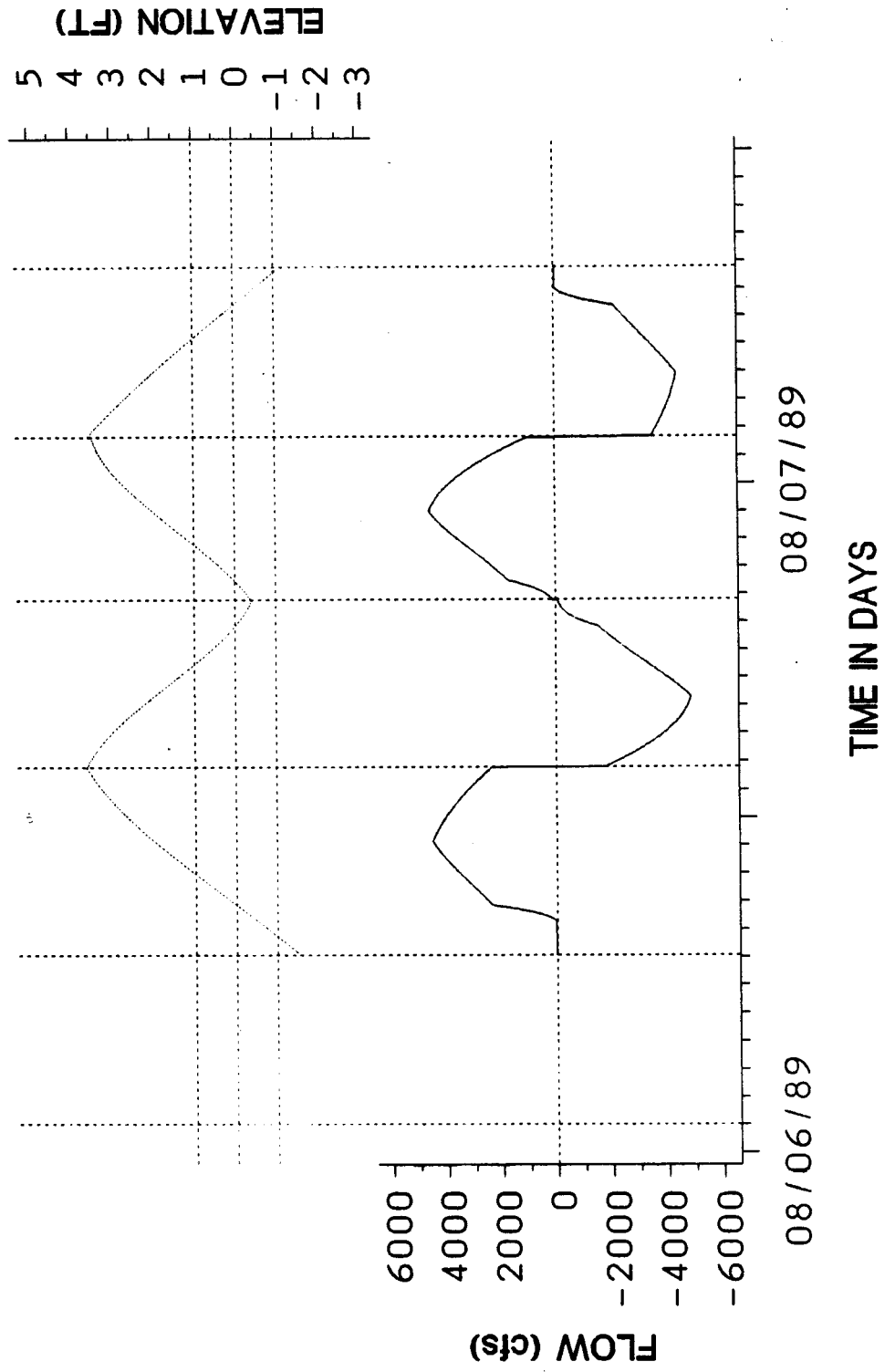
CONCENTRATION



MASS FLUX

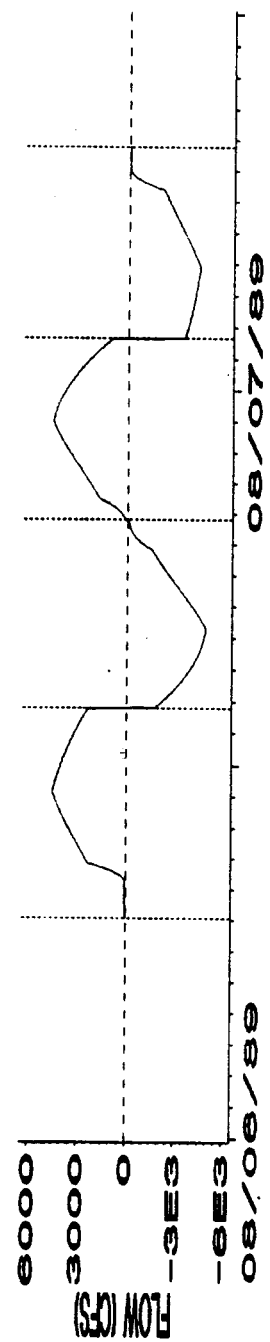


SAWMILL CREEK AT NJ TURNPIKE - AUGUST 1989 - FLOW VERSUS TIDE
FLOW CALCULATED FROM AREA*VEL, VELOCITY MEASURED BY OSI

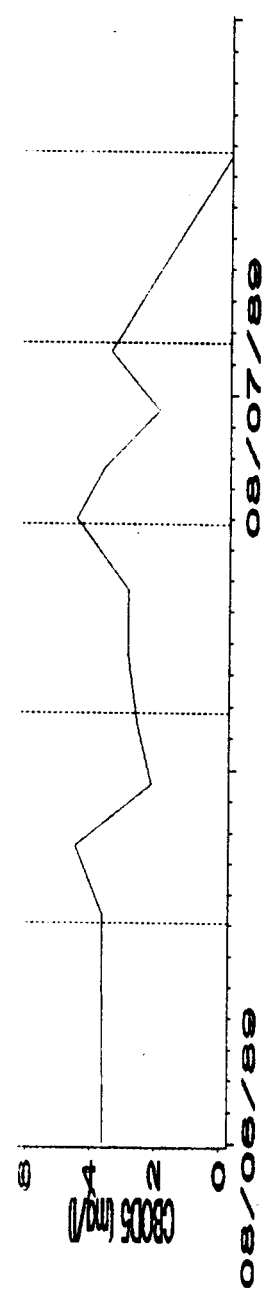


CBOD5 CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

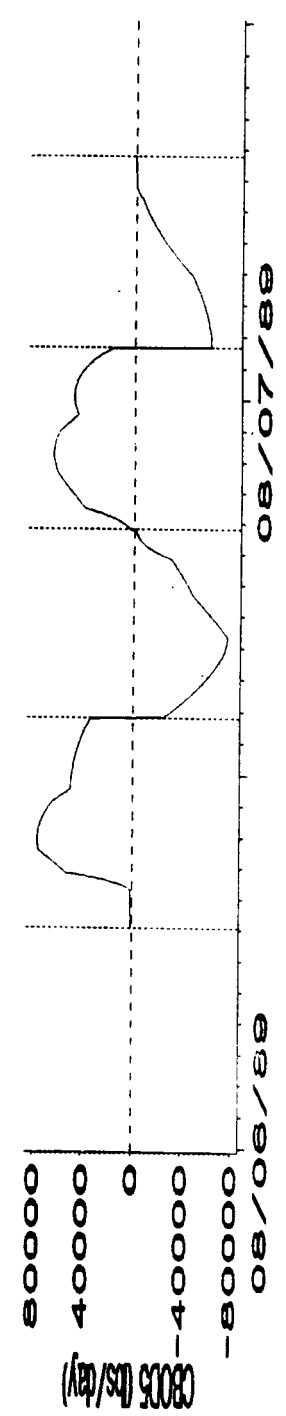
FLOW



CONCENTRATION

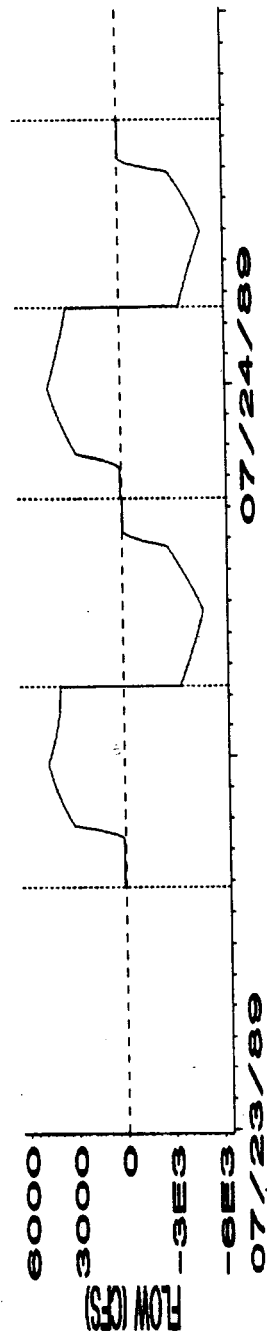


MASS FLUX

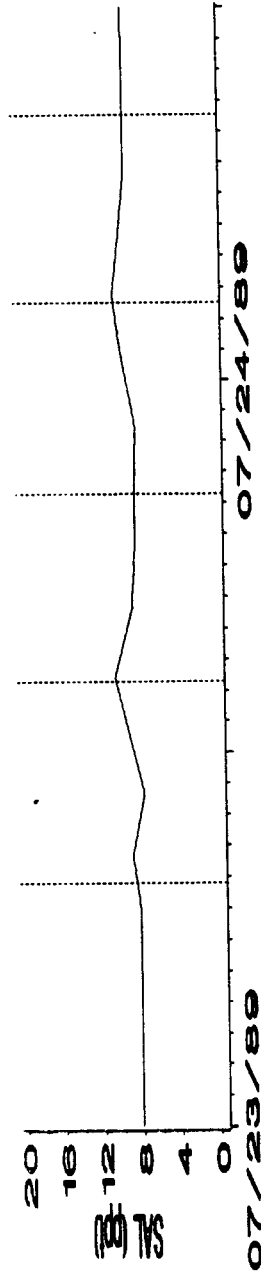


SALINITY CONCENTRATION AND FLUX DATA - JULY 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

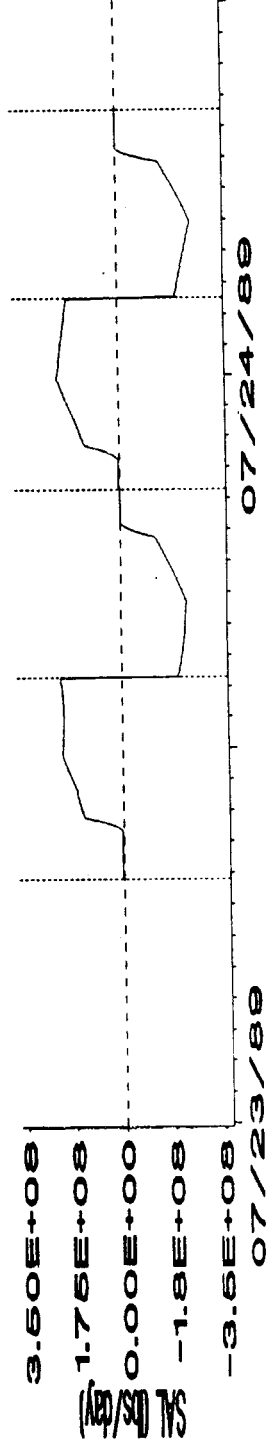
FLOW



CONCENTRATION

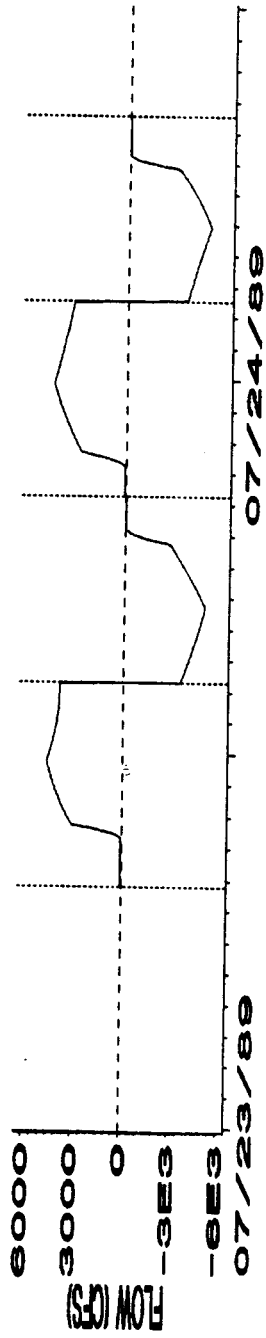


MASS FLUX

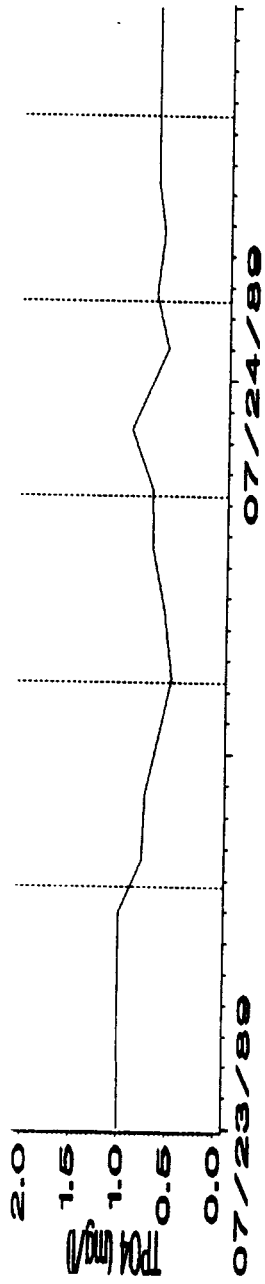


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - JULY 1989
STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

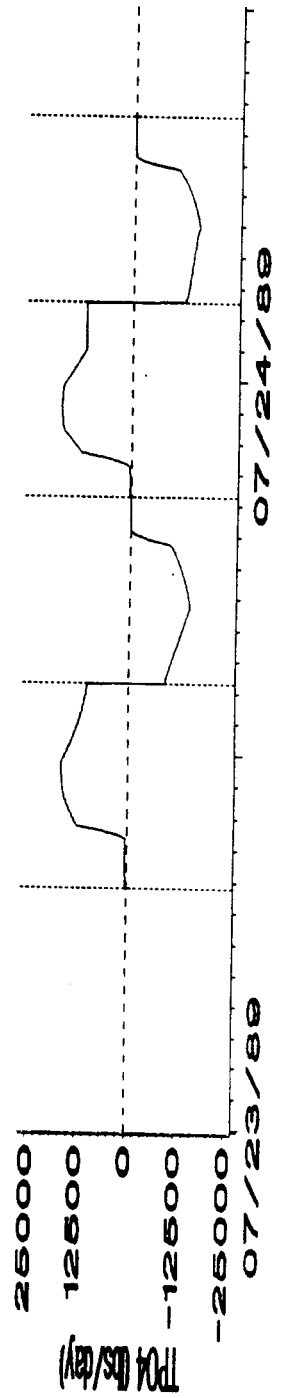
FLOW



CONCENTRATION

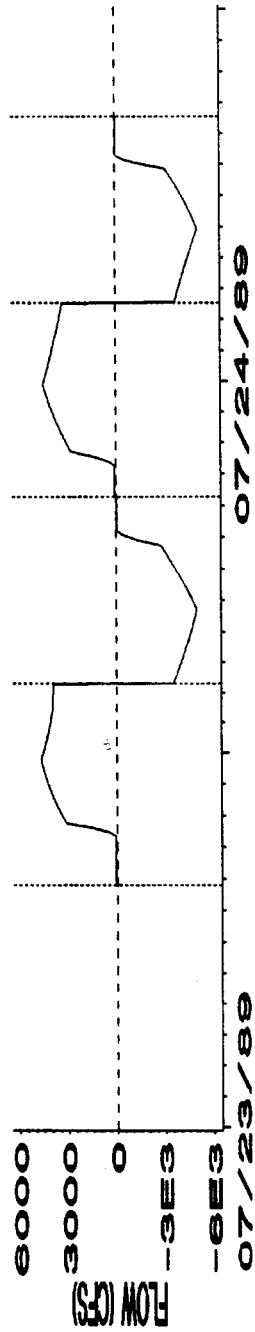


MASS FLUX

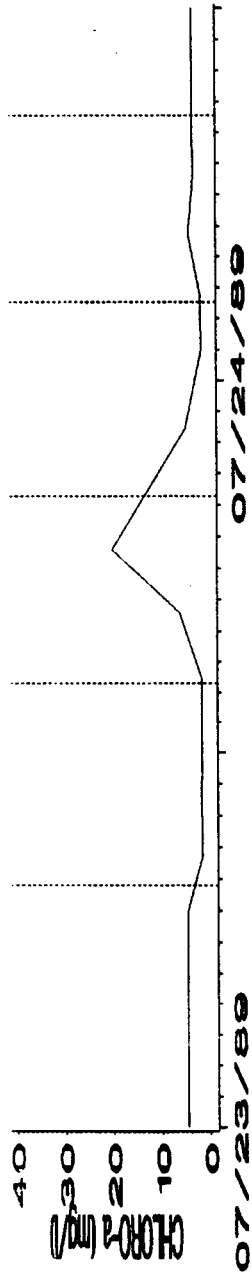


CHOLRO-a CONCENTRATION AND FLUX DATA - JULY 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

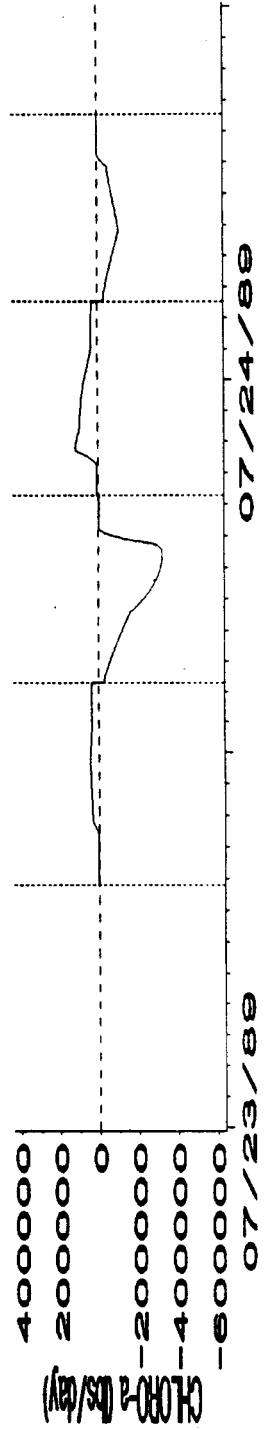
FLOW



CONCENTRATION

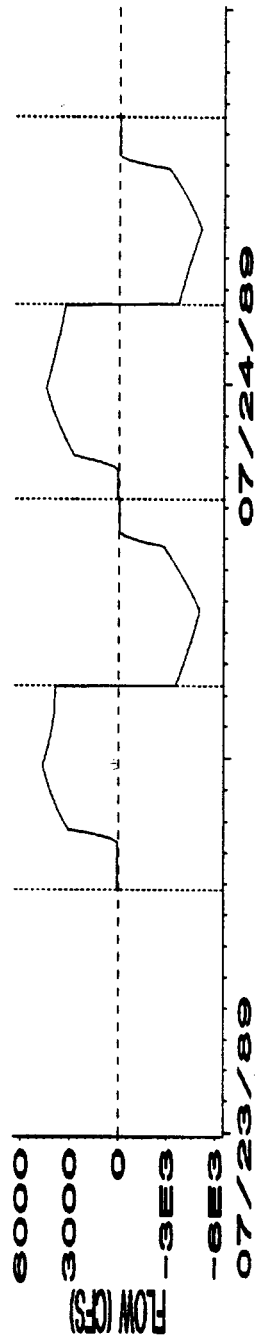


MASS FLUX

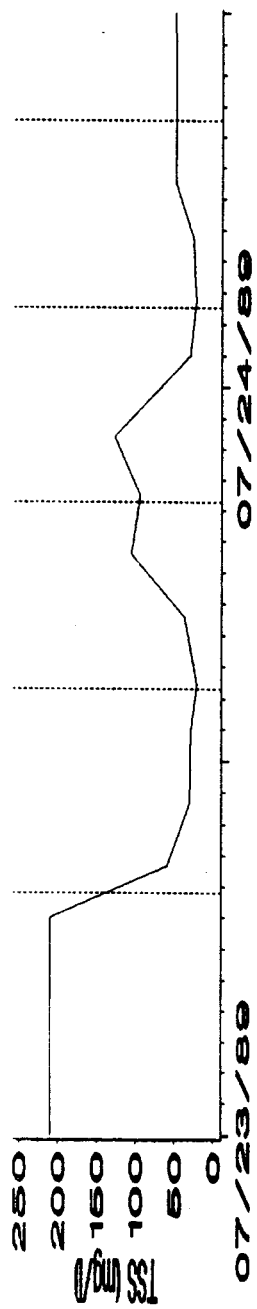


TSS CONCENTRATION AND FLUX DATA - JULY 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

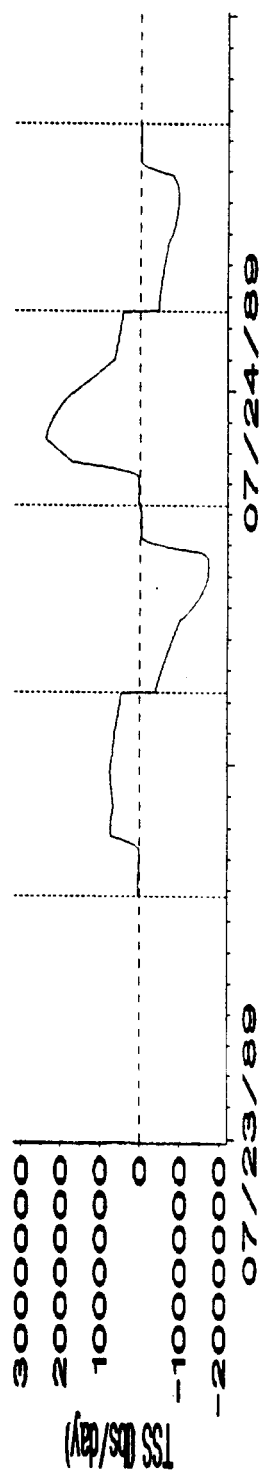
FLOW



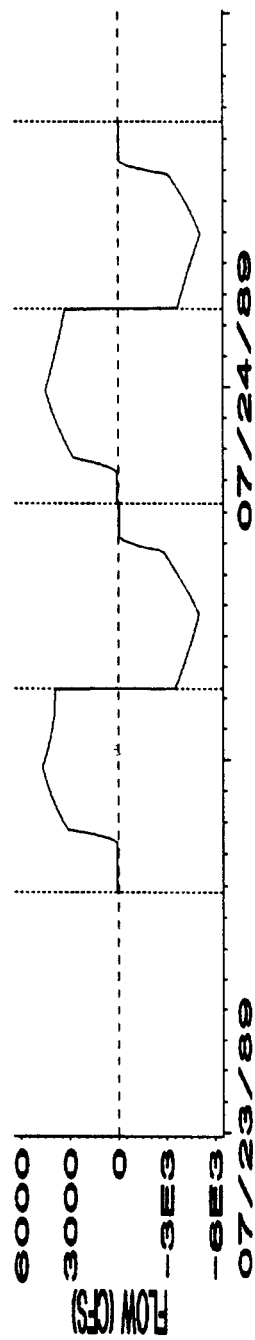
CONCENTRATION



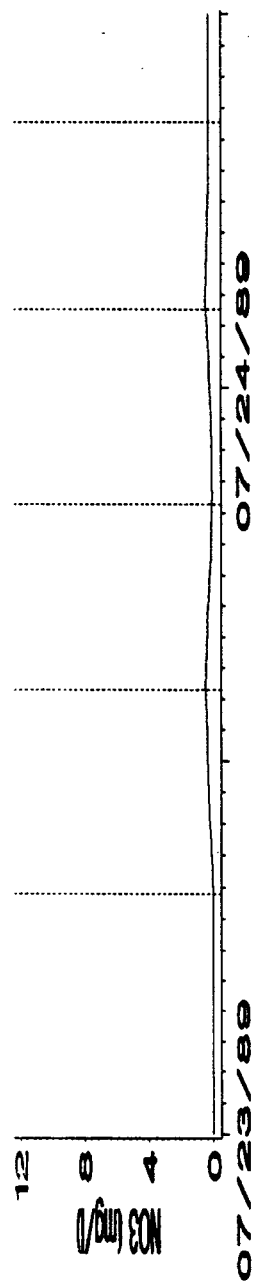
MASS FLUX



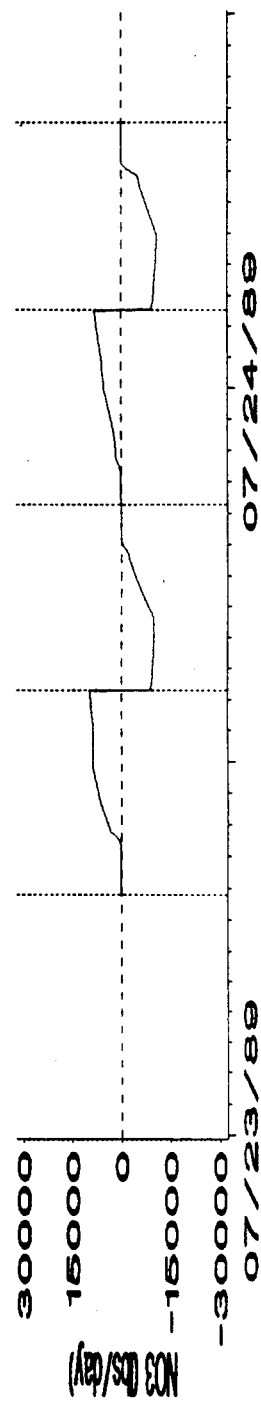
FLOW



CONCENTRATION

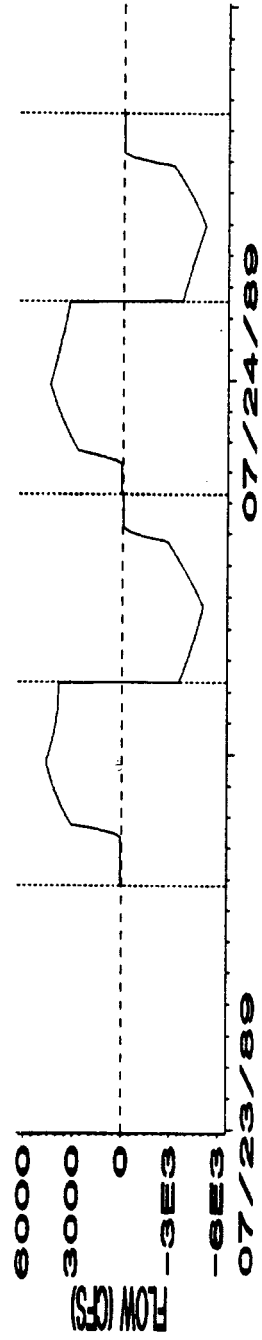


XULIAN

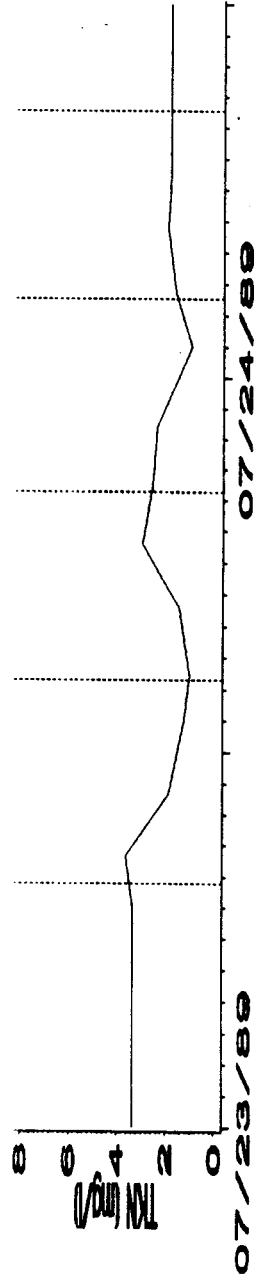


TKN CONCENTRATION AND FLUX DATA - JULY 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

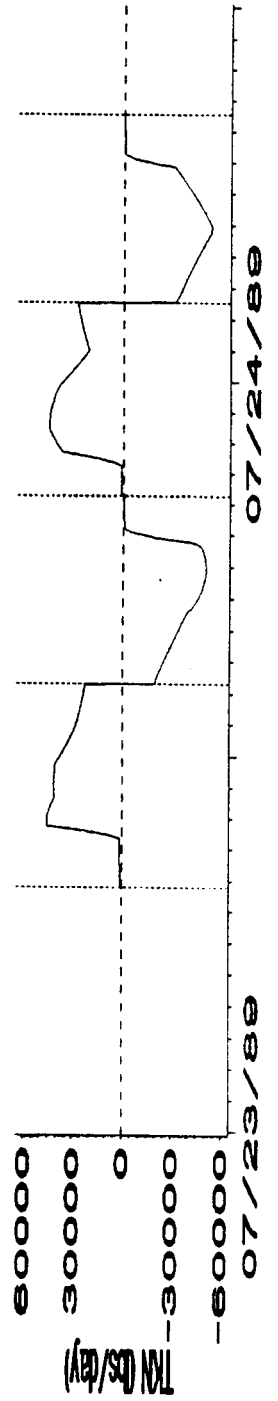
FLOW



CONCENTRATION

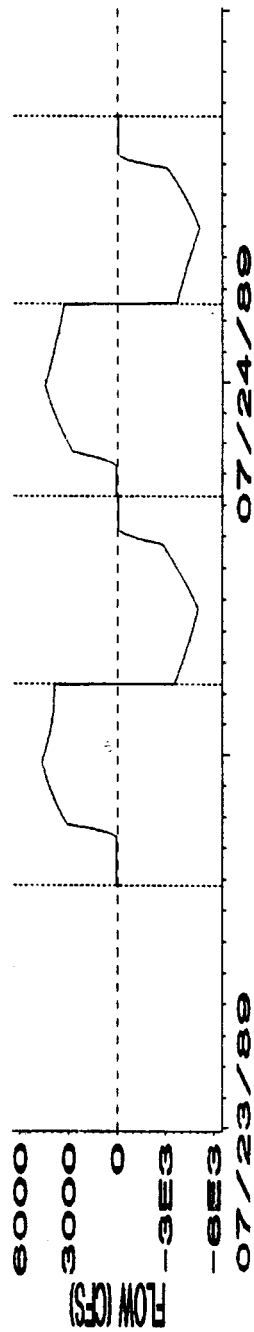


MASS FLUX

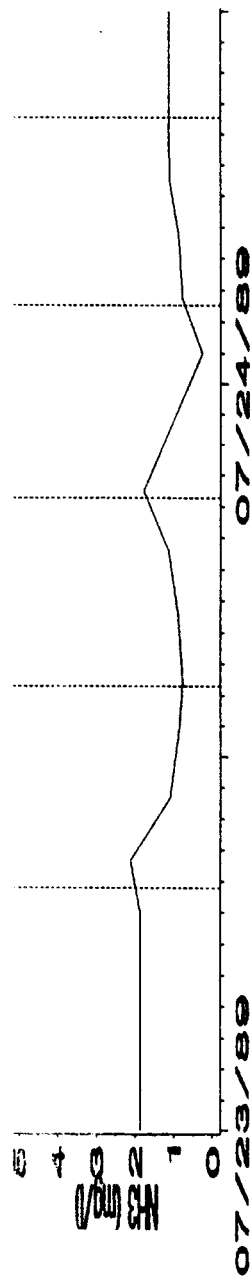


NH3 CONCENTRATION AND FLUX DATA - JULY 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

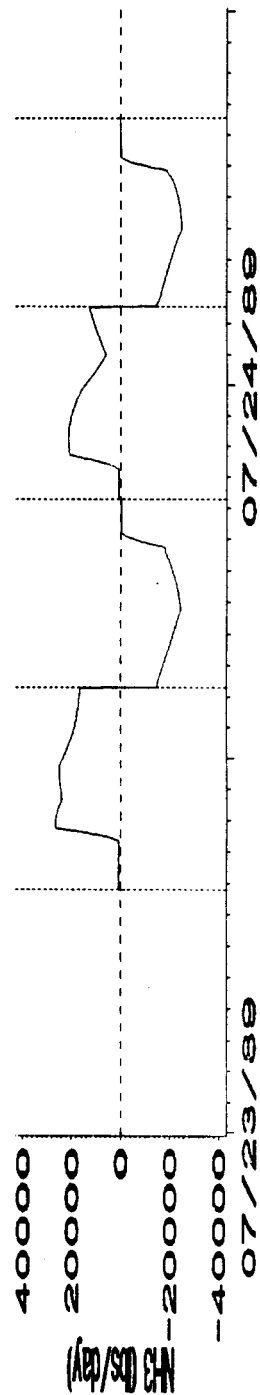
FLOW



CONCENTRATION

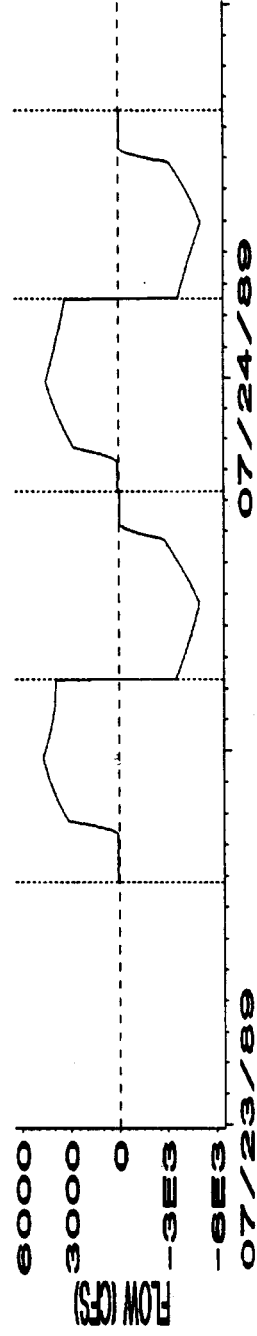


MASS FLUX

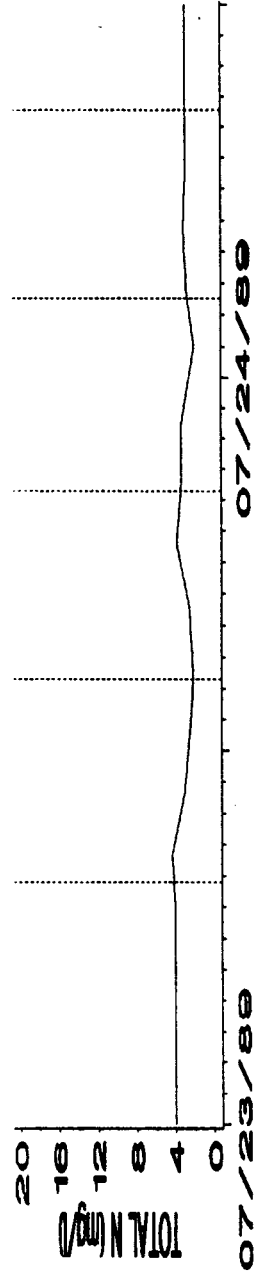


TOTAL NITROGEN CONCENTRATION AND FLUX DATA - JULY 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

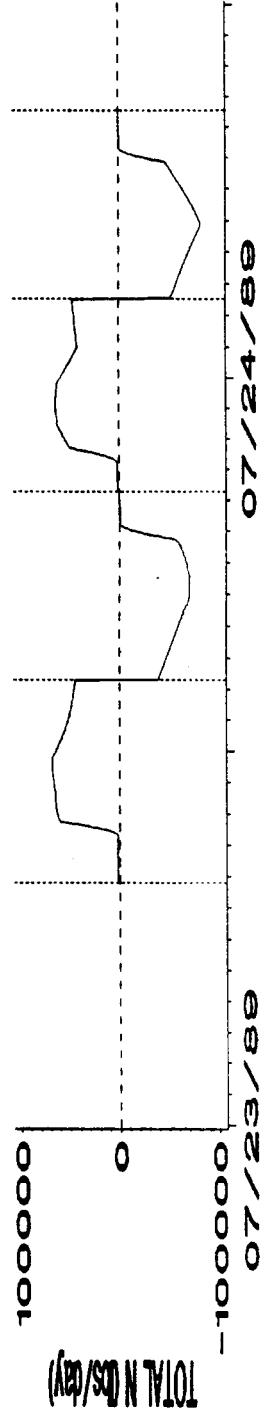
FLOW



CONCENTRATION

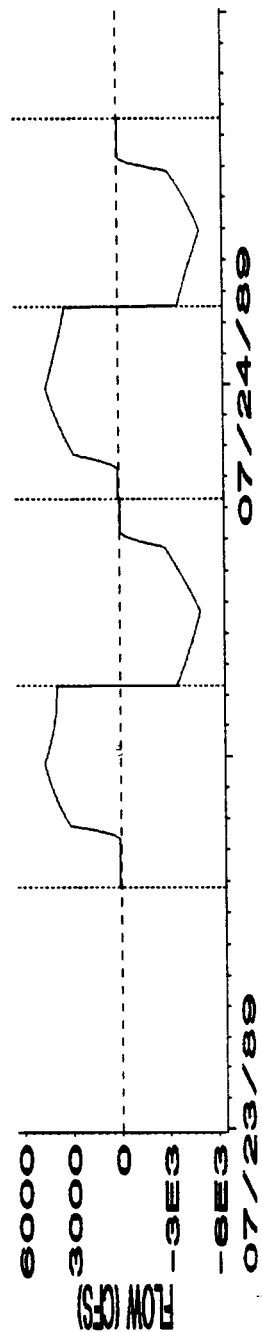


MASS FLUX

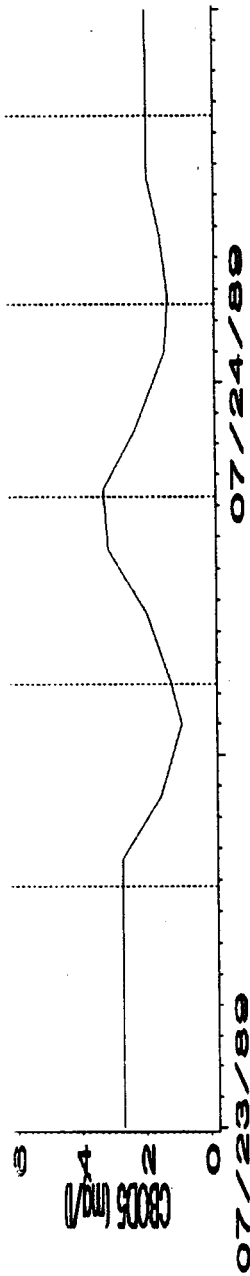


CBOD5 CONCENTRATION AND FLUX DATA - JULY 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

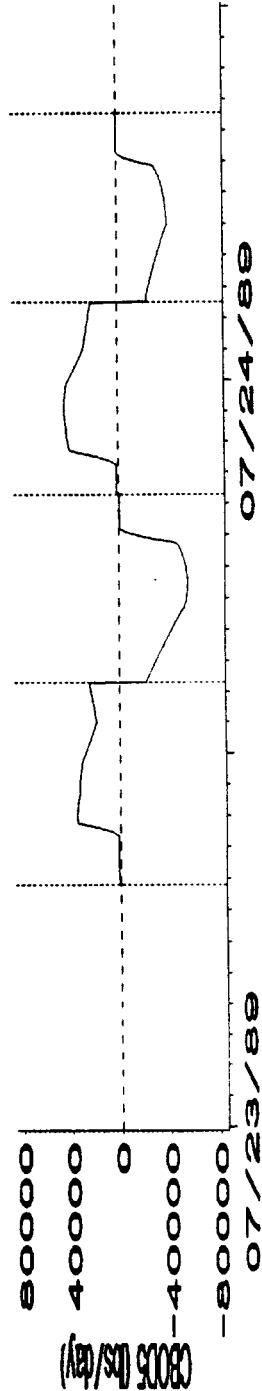
FLOW



CONCENTRATION

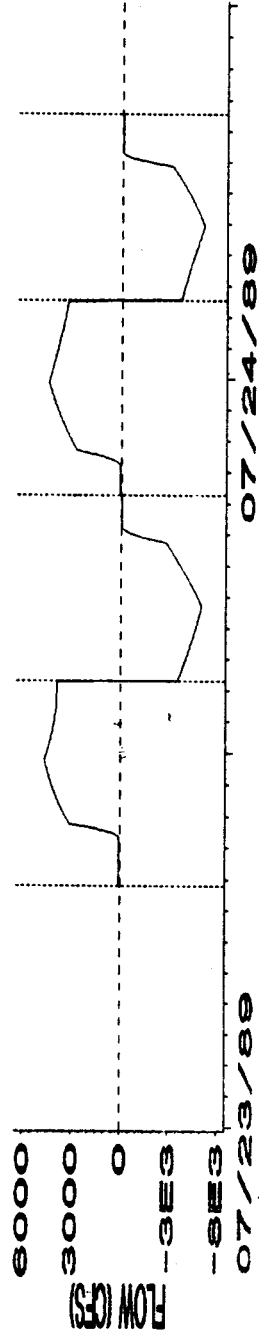


MASS FLUX

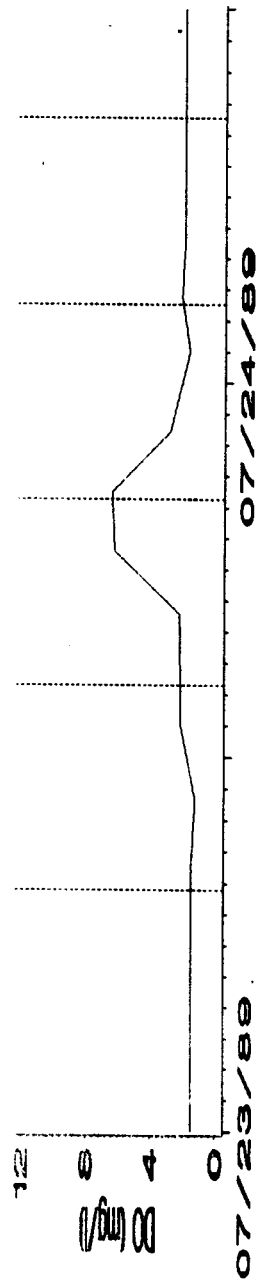


DO CONCENTRATION AND FLUX DATA - JULY 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

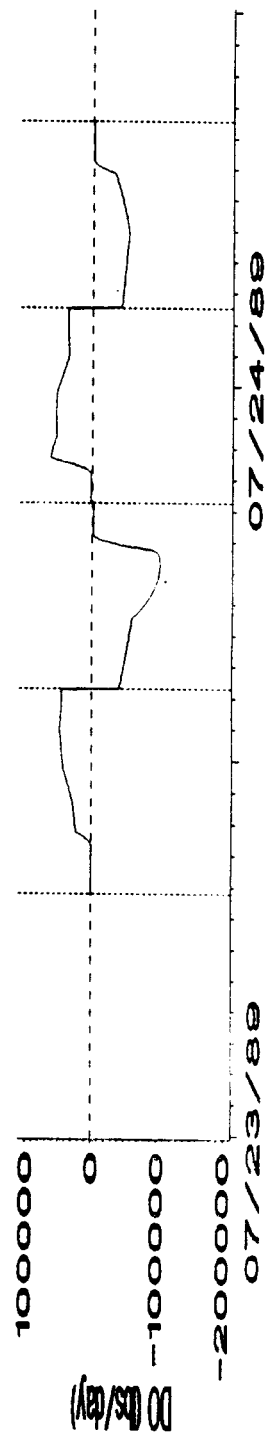
FLOW



CONCENTRATION

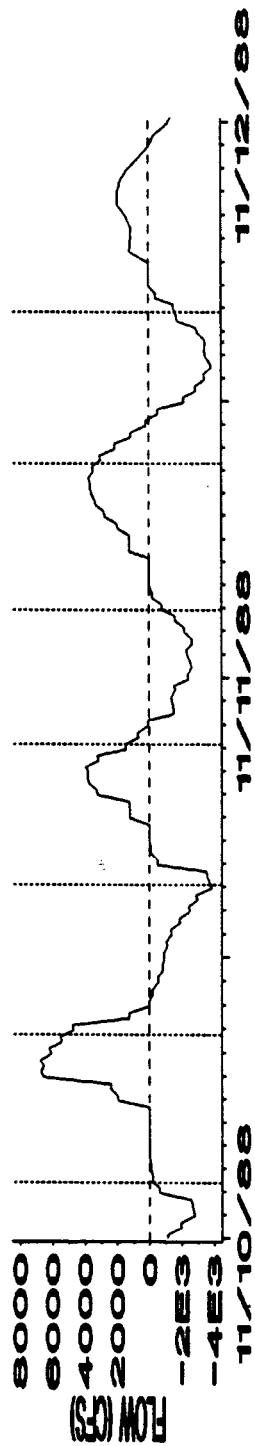


MASS FLUX

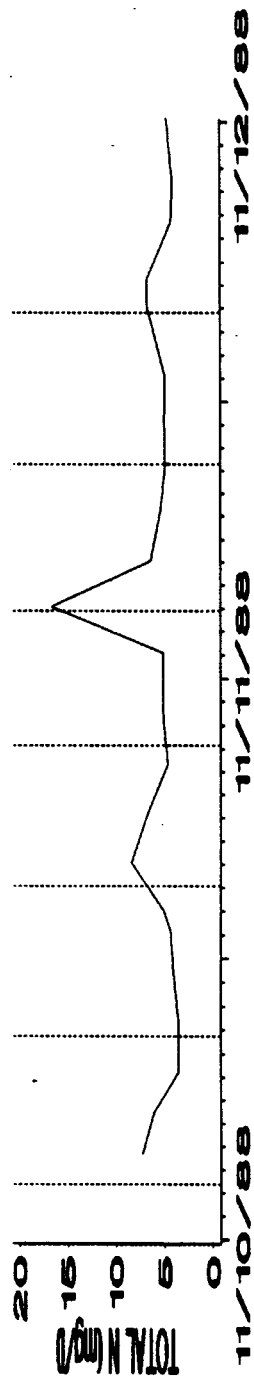


TOTAL NITROGEN CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

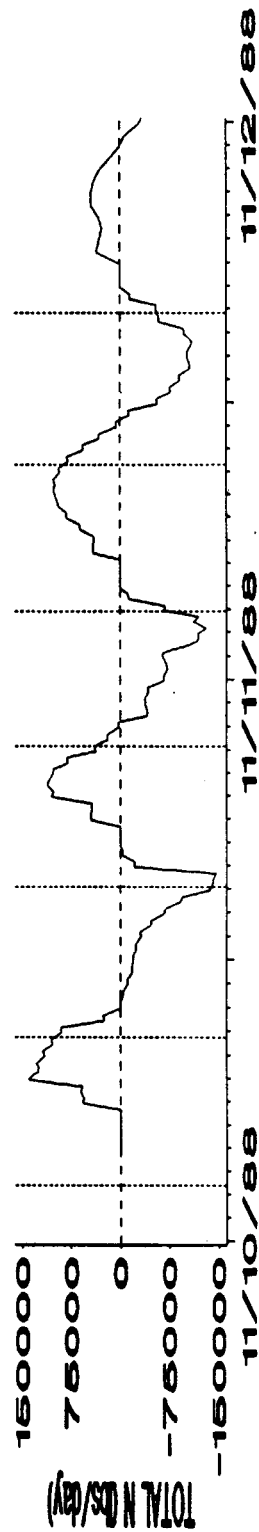
FLOW



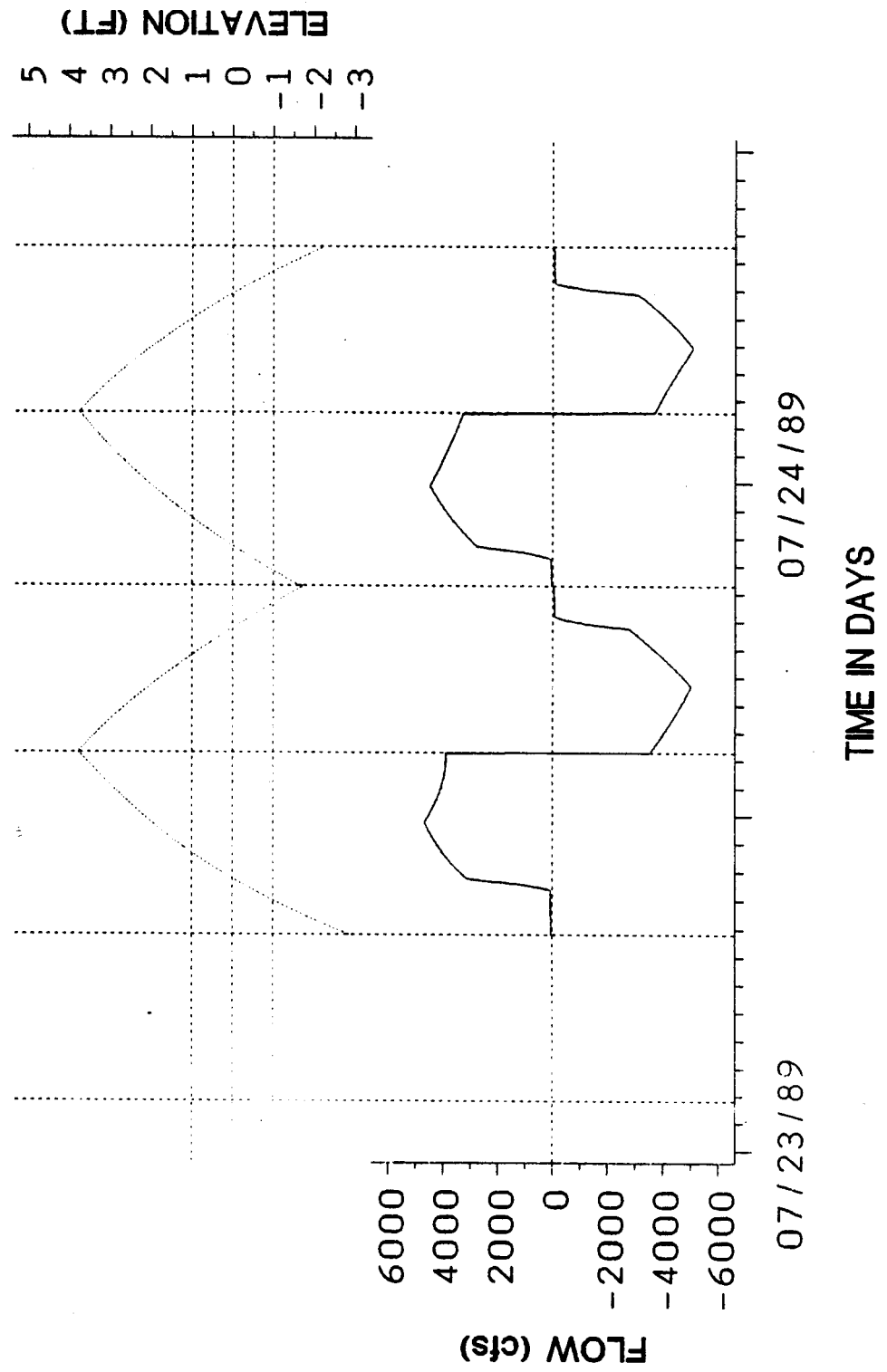
CONCENTRATION



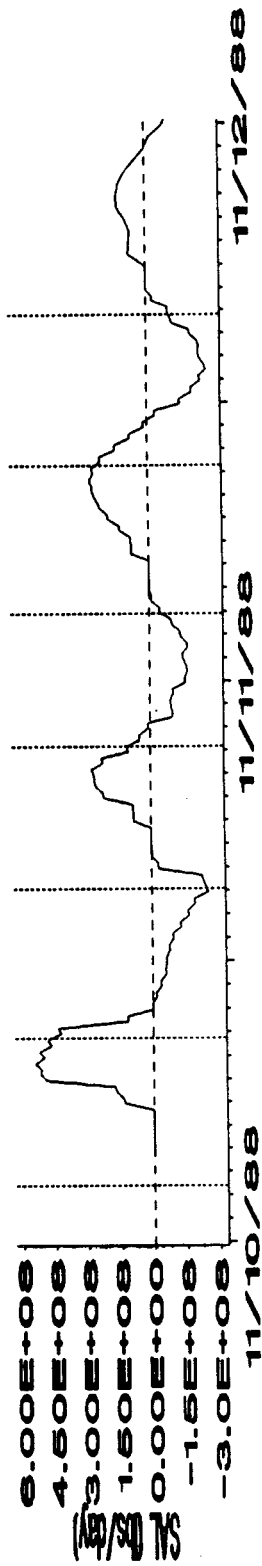
MASS FLUX



SAWMILL CREEK AT NJ TURNPIKE - JULY 1989 - FLOW VERSUS TIDE
 FLOW CALCULATED FROM AREA*VEL, VELOCITY MEASURED BY OSI

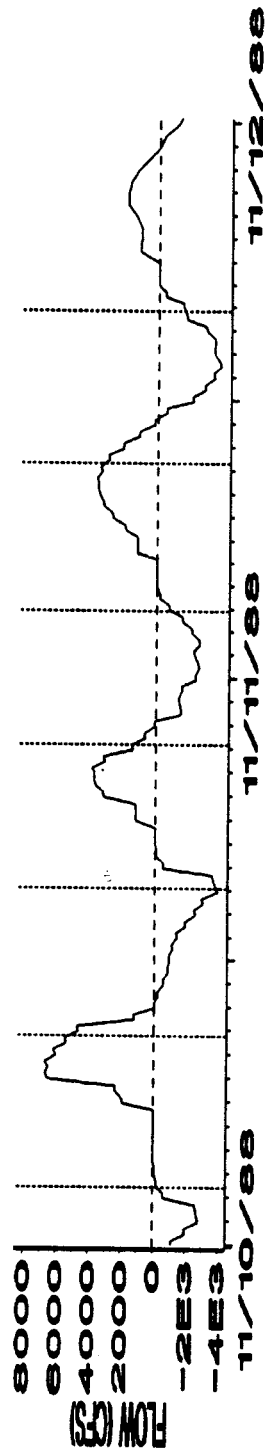


FLOW

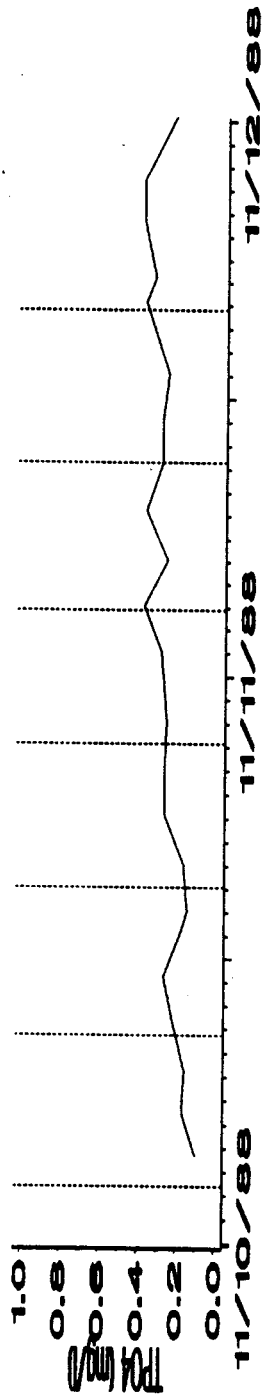


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

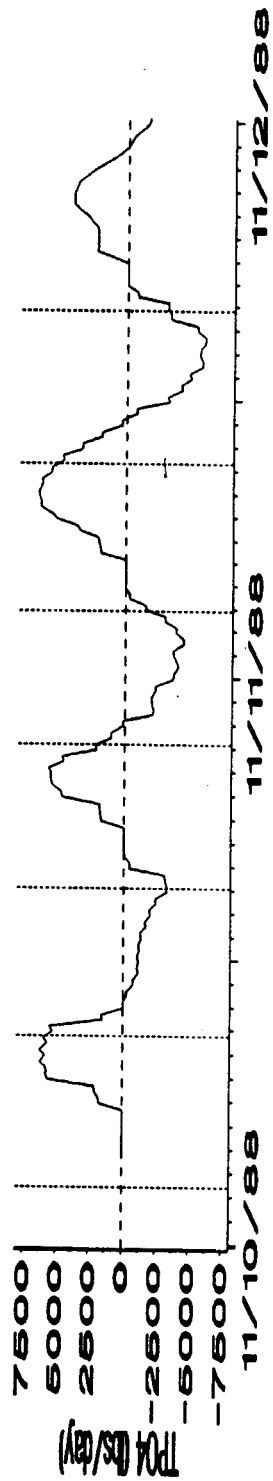
FLOW



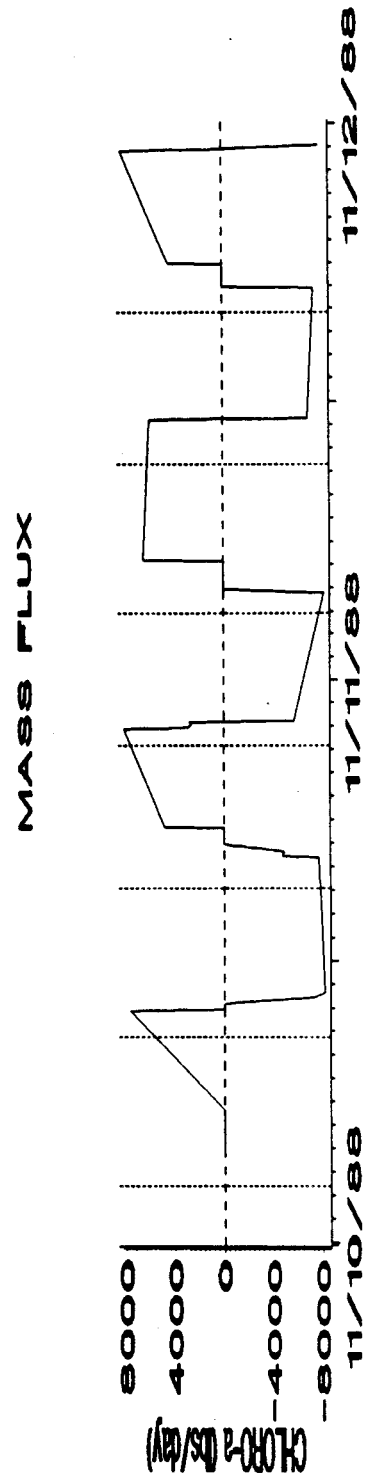
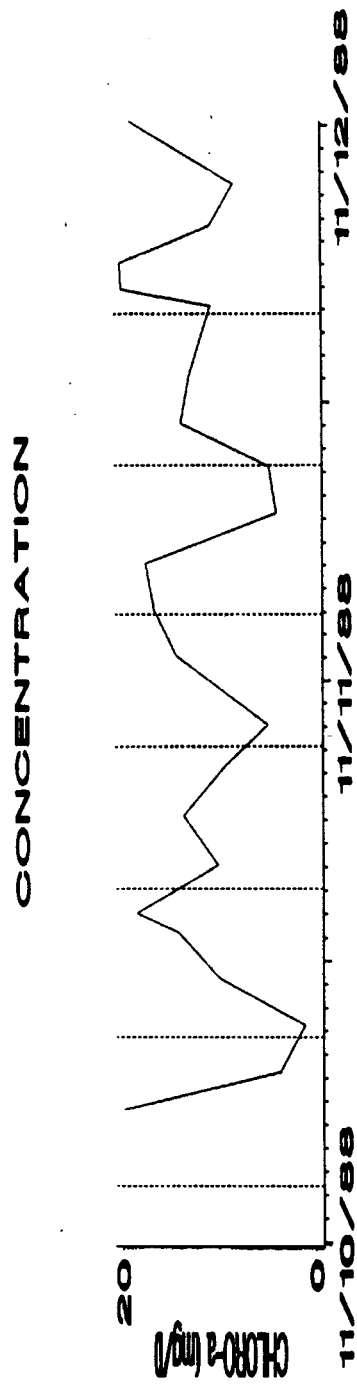
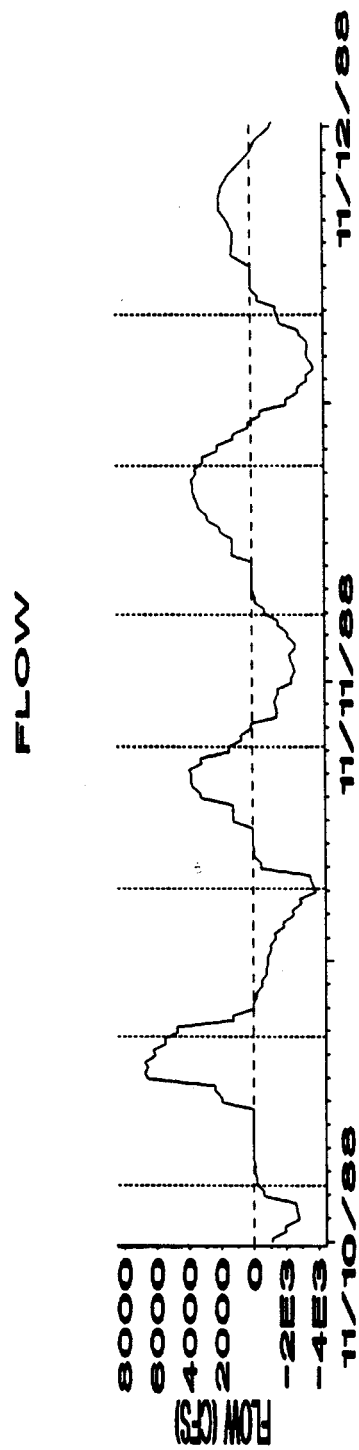
CONCENTRATION



MASS FLUX

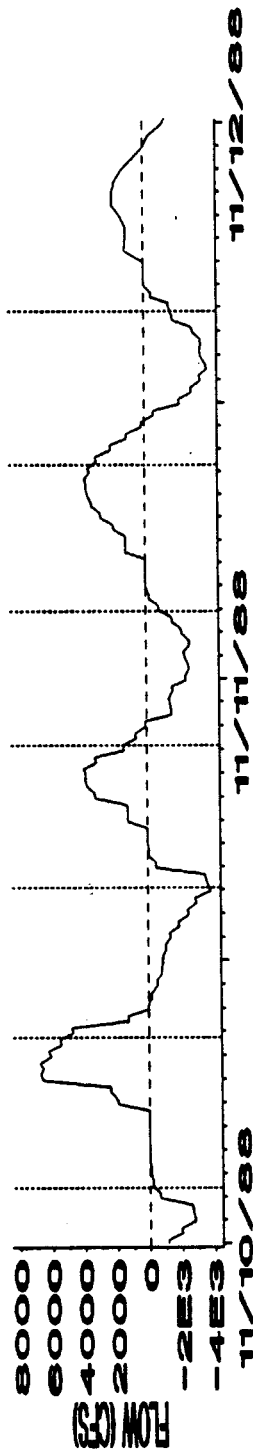


**CHOLRO-a CONCENTRATION AND FLUX DATA - NOVEMBER 1988
STATION S3 - SAWMILL CREEK AT NJ TURNPIKE**

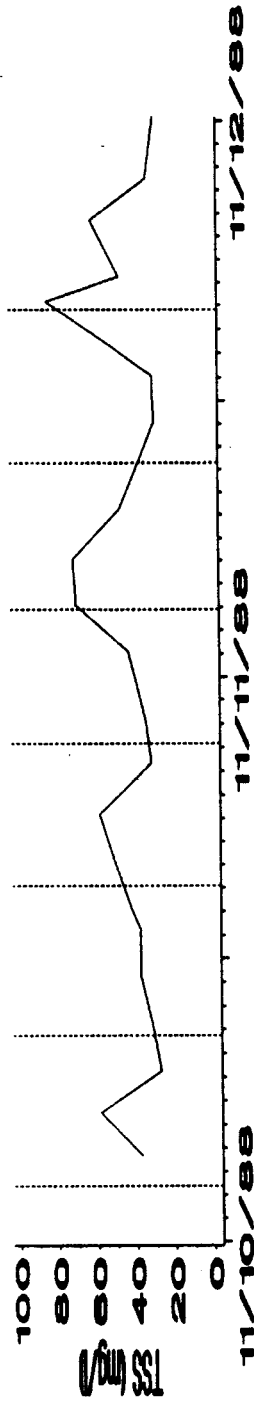


TSS CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

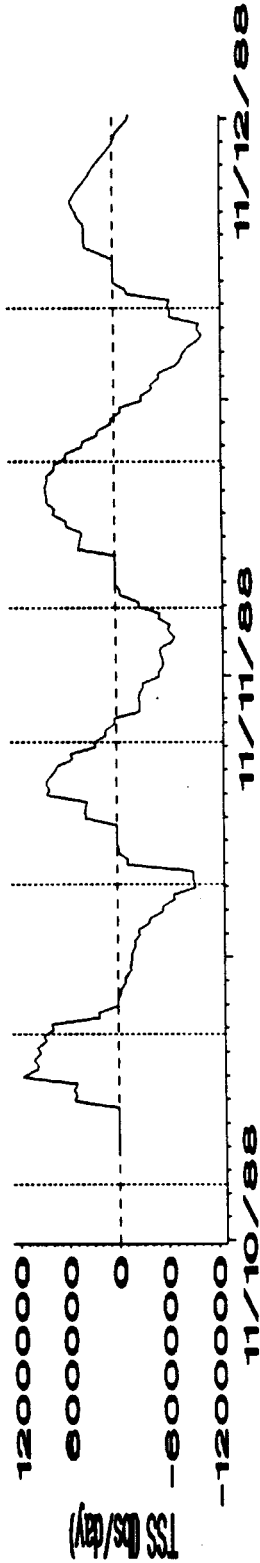
FLOW



CONCENTRATION

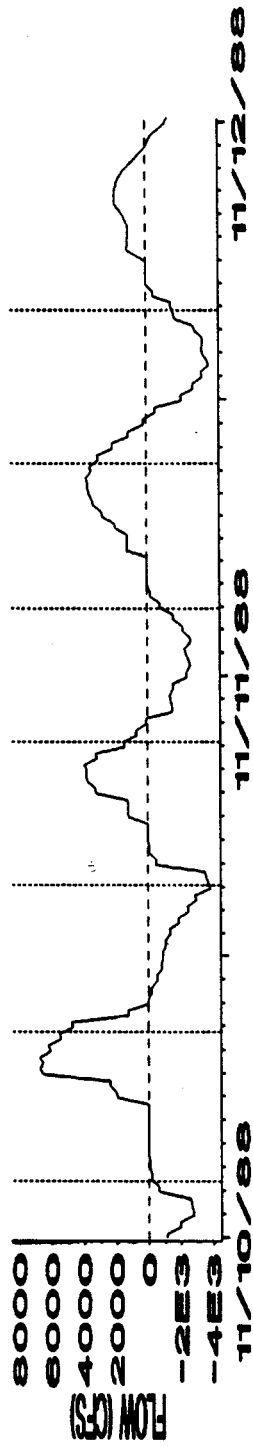


MASS FLUX

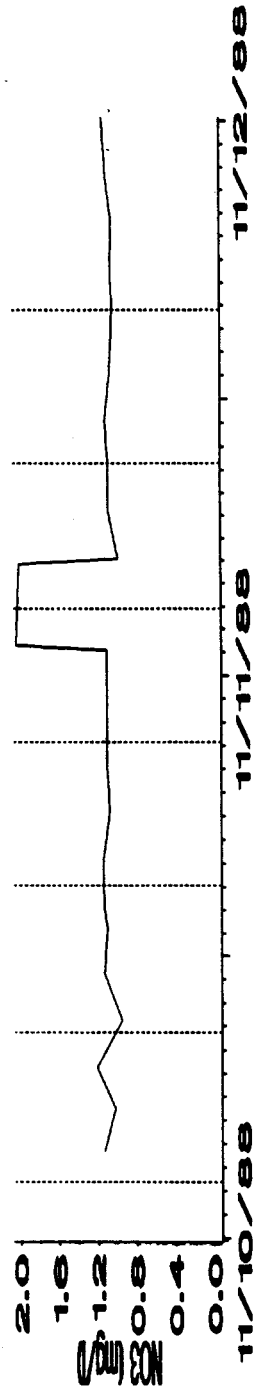


NITRATE CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

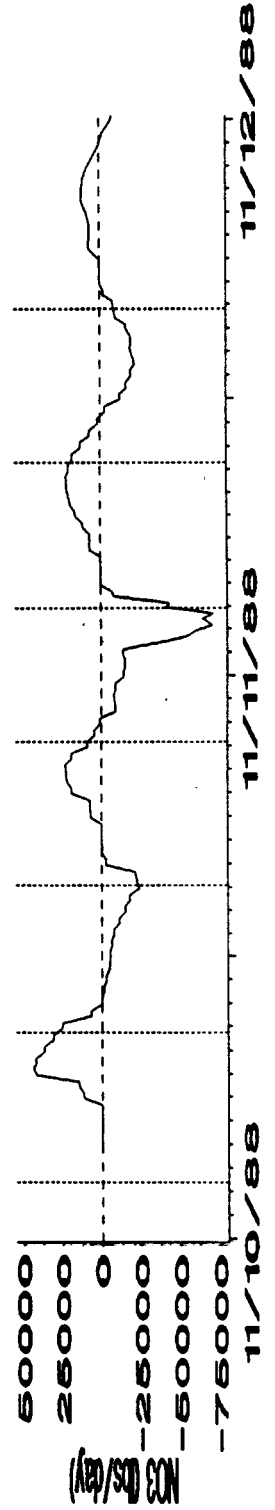
FLOW



CONCENTRATION

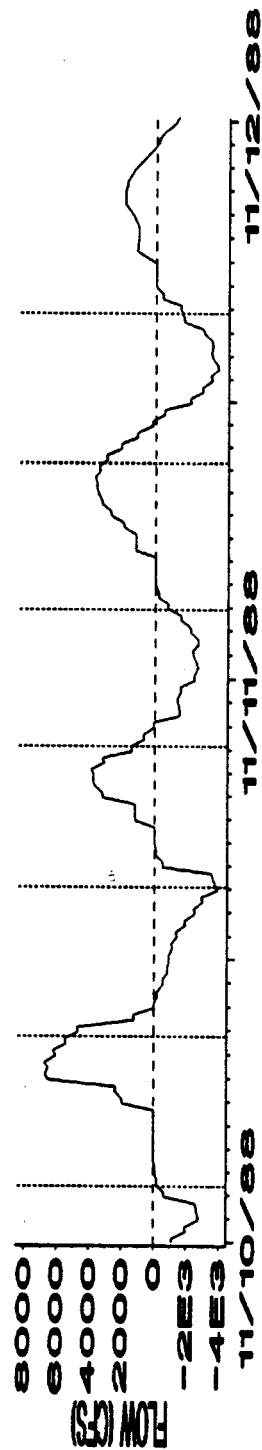


MASS FLUX

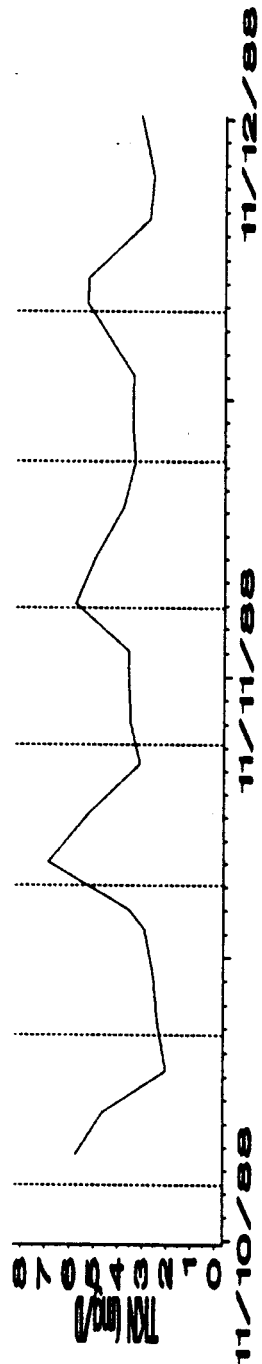


TKN CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

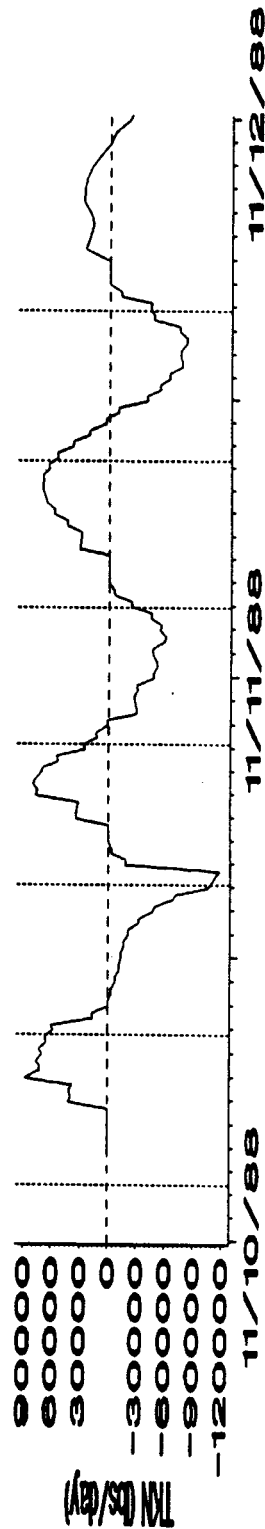
FLOW



CONCENTRATION

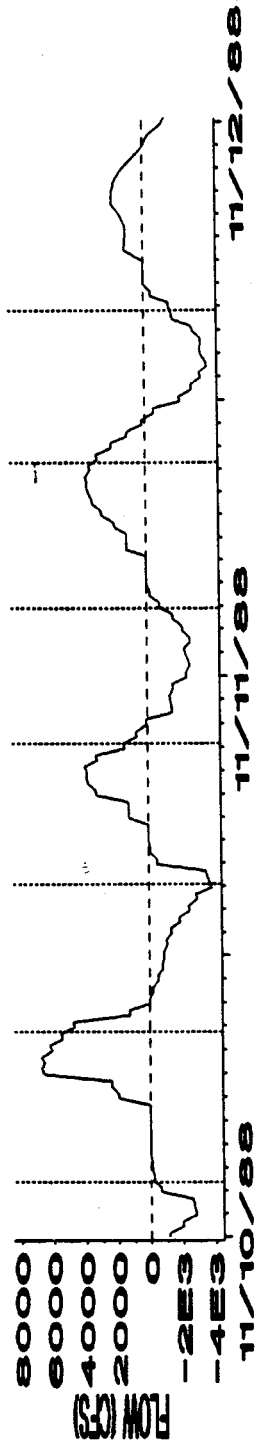


MASS FLUX

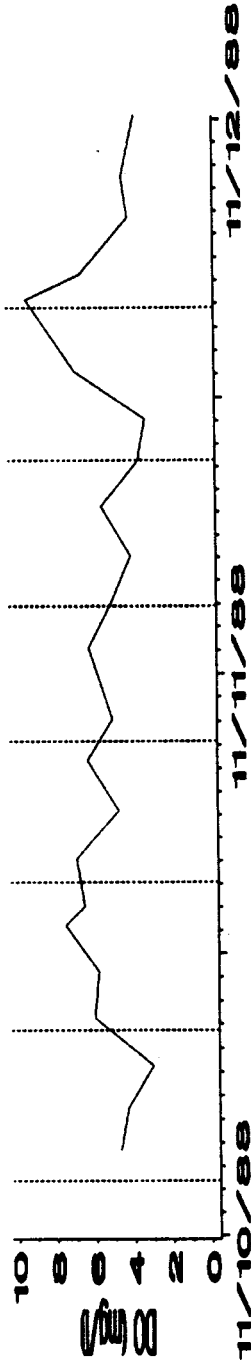


DO CONCENTRATION AND FLUX DATA - NOVEMBER 1988
STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

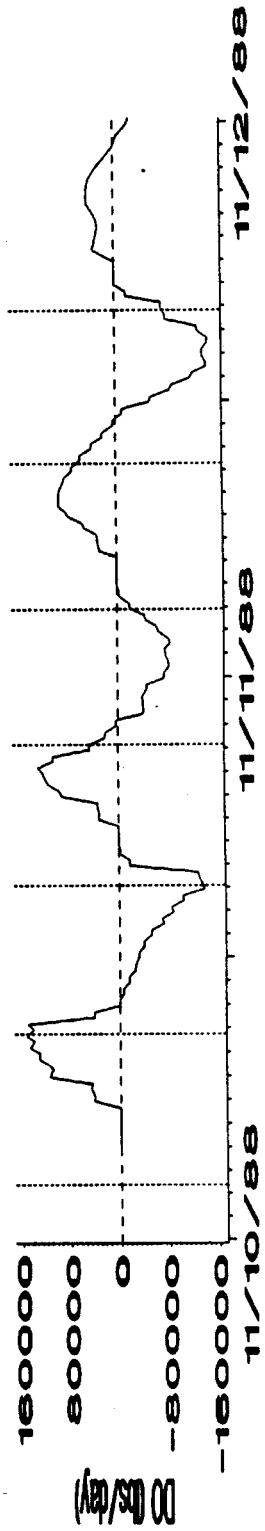
FLOW



CONCENTRATION

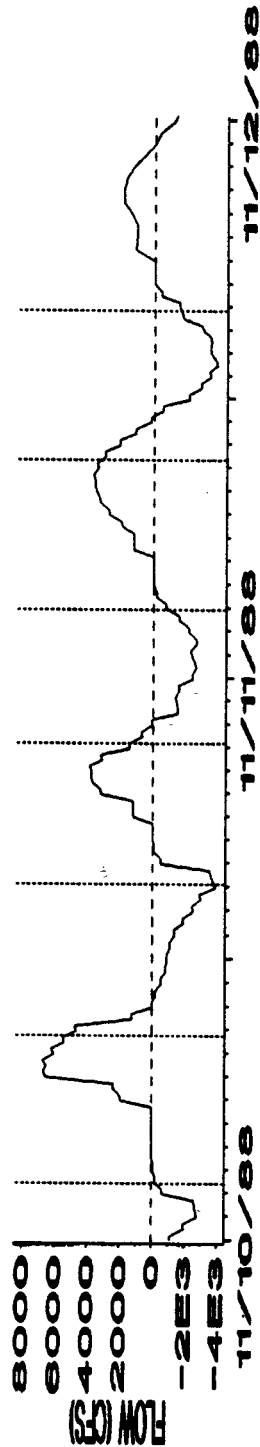


MASS FLUX

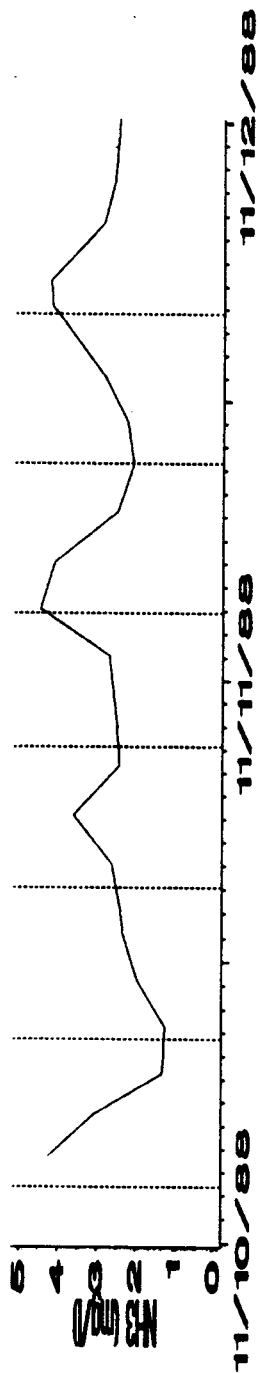


NH3 CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

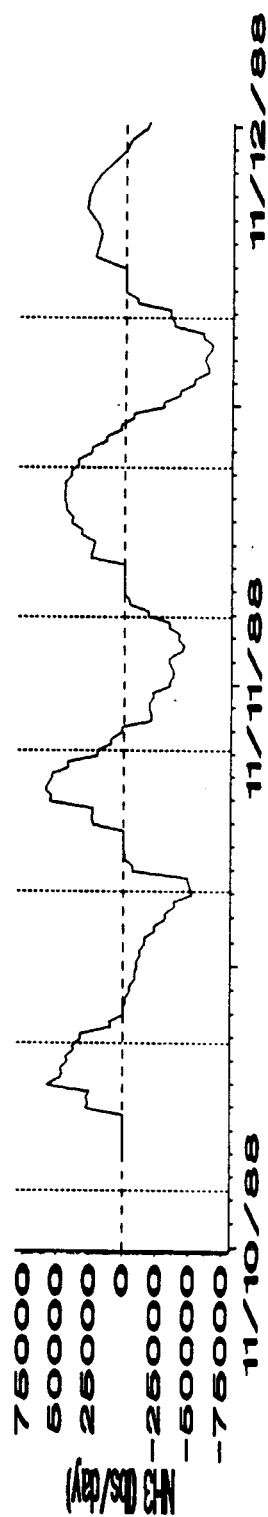
FLOW



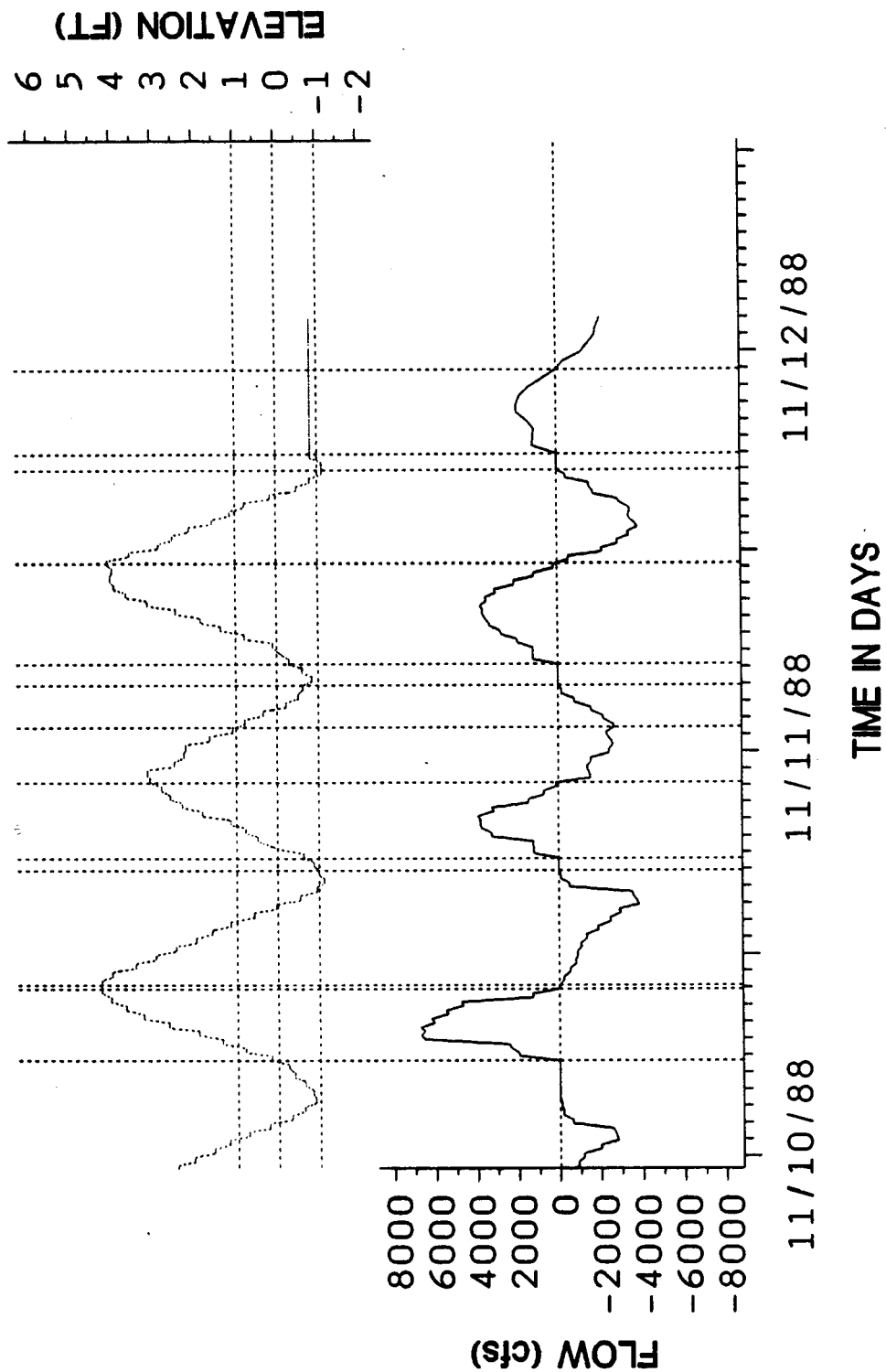
CONCENTRATION



MASS FLUX

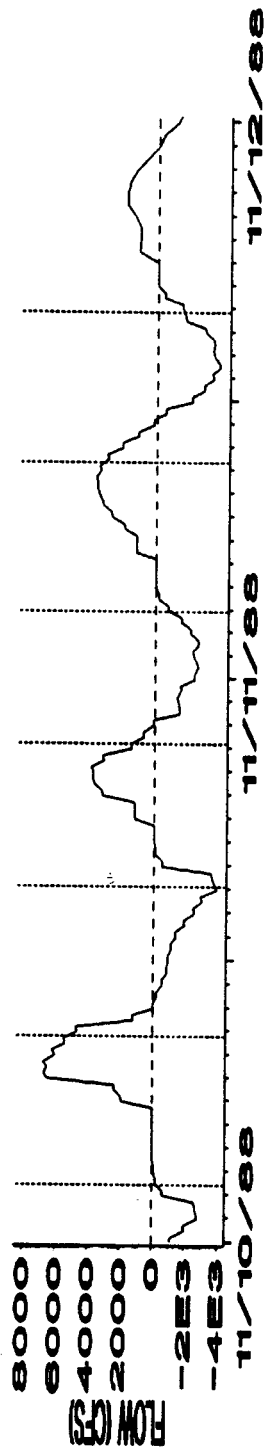


SAWMILL CREEK AT NJ TURNPIKE - NOVEMBER 1988 - FLOW VERSUS TIDE
 FLOW CALCULATED FROM AREA*VEL, DNM TIMING OFFSET BY 1 HOUR

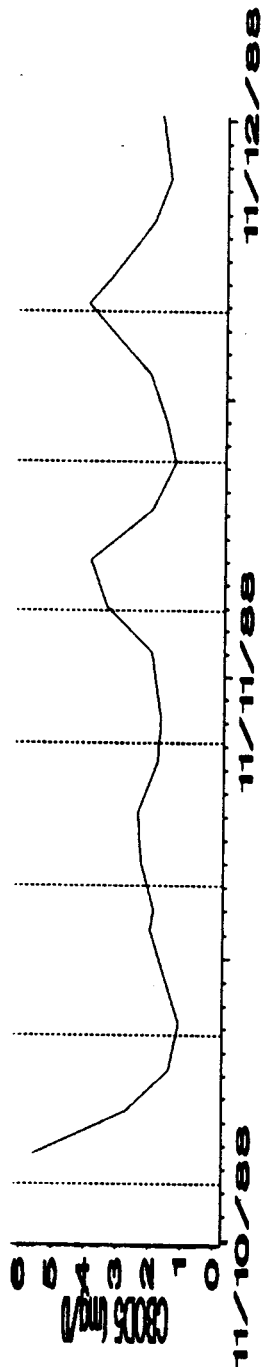


CBOD5 CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

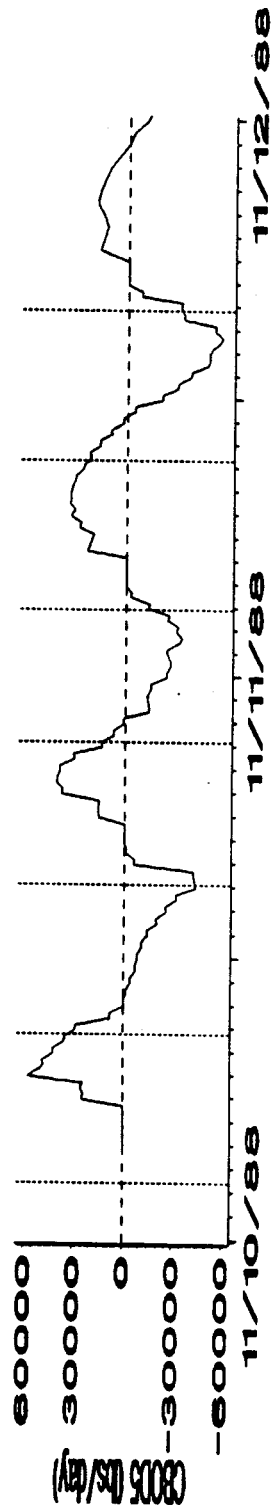
FLOW



CONCENTRATION

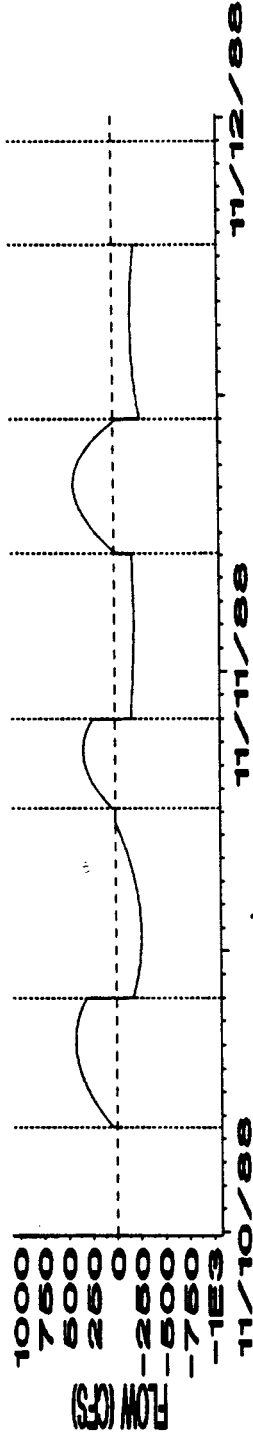


MASS FLUX

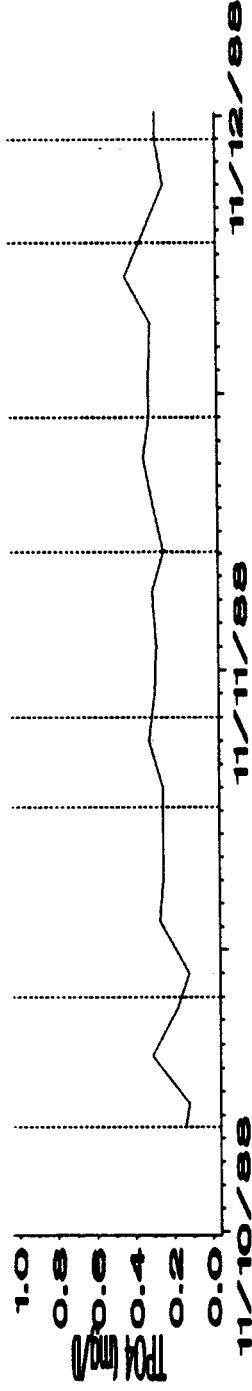


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M1 - SAWMILL CREEK MUDFLAT

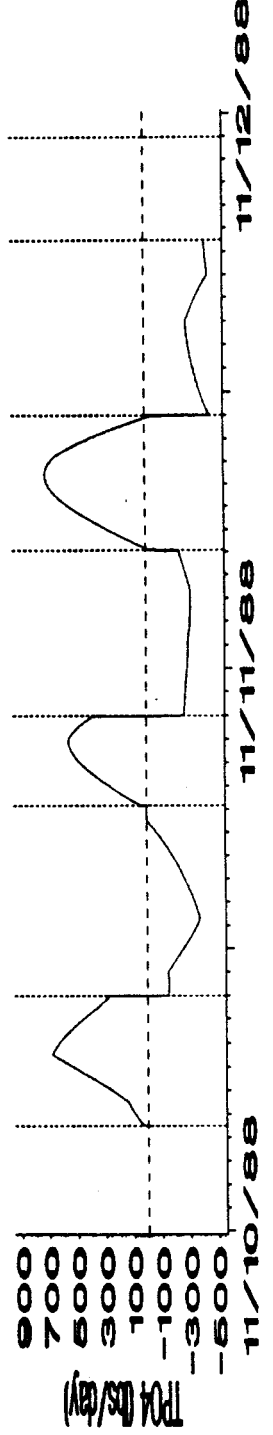
FLOW



CONCENTRATION

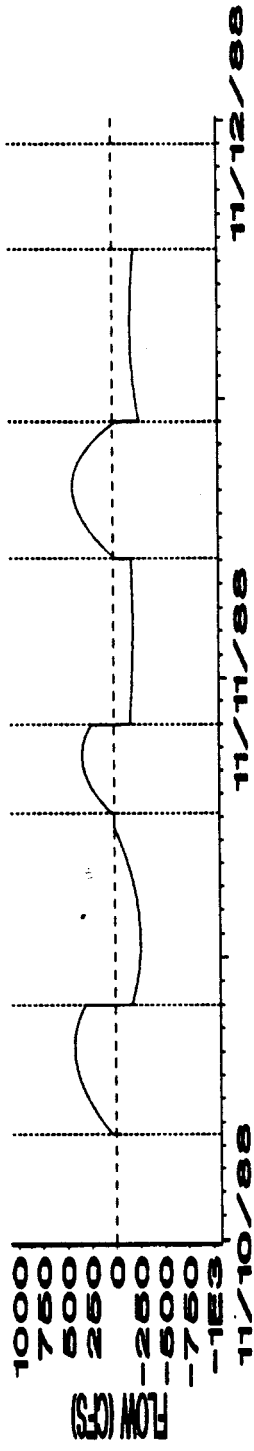


MASS FLUX

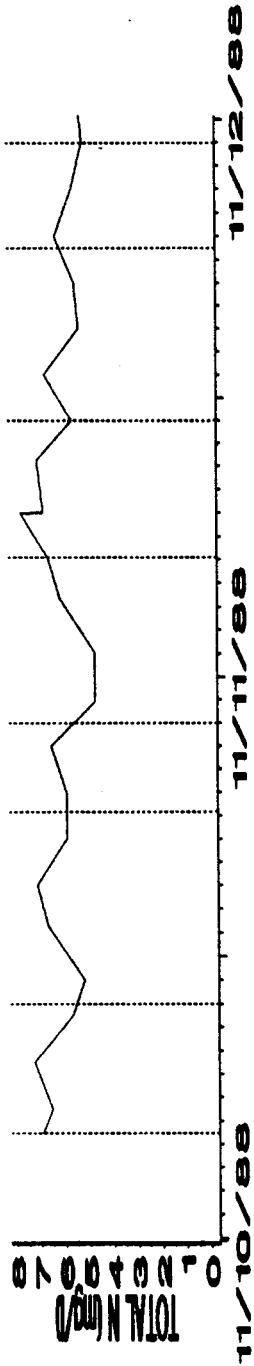


TOTAL NITROGEN CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M1 - SAWMILL CREEK MUDFLAT

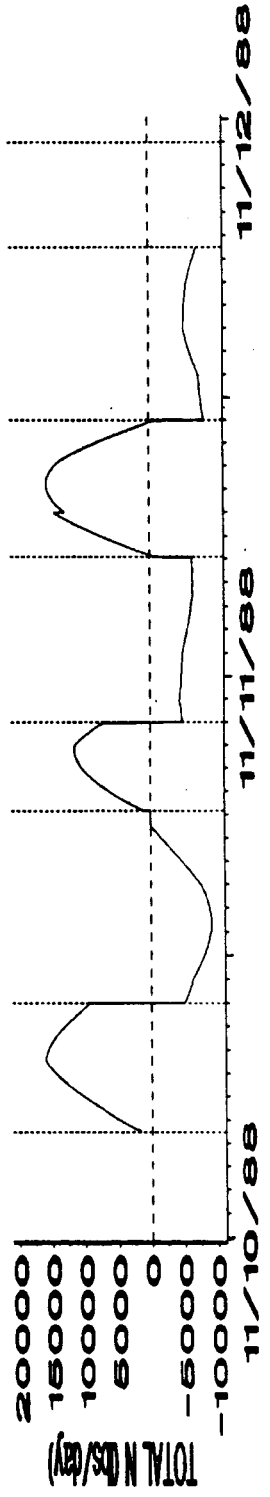
FLOW



CONCENTRATION

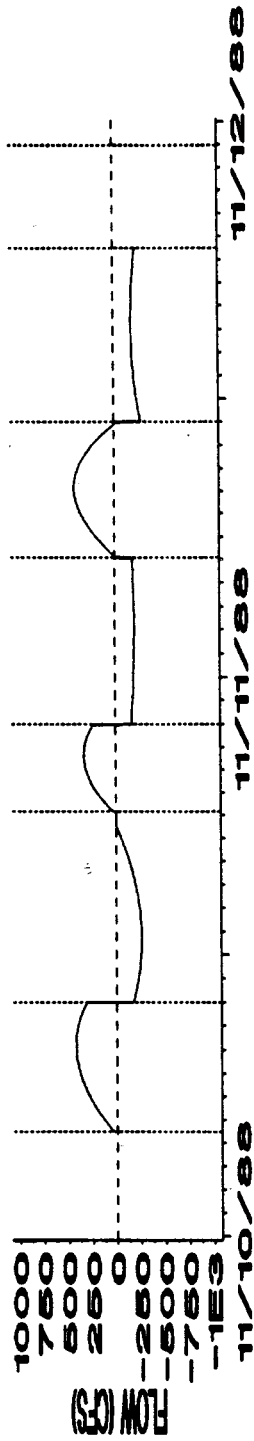


MASS FLUX

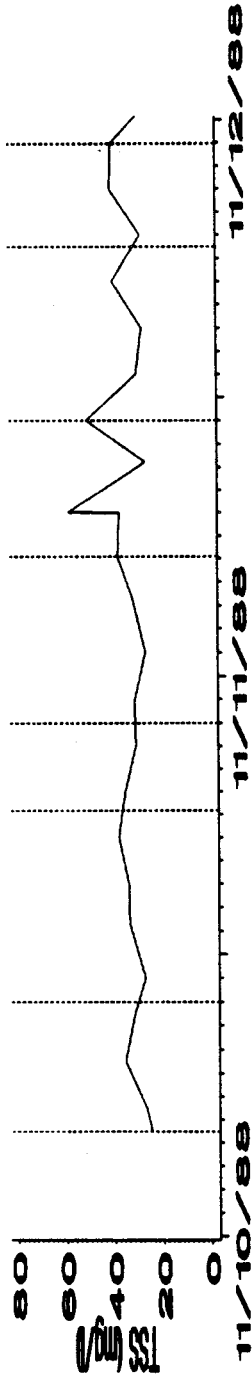


TSS CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M1 - SAWMILL CREEK MUDFLAT

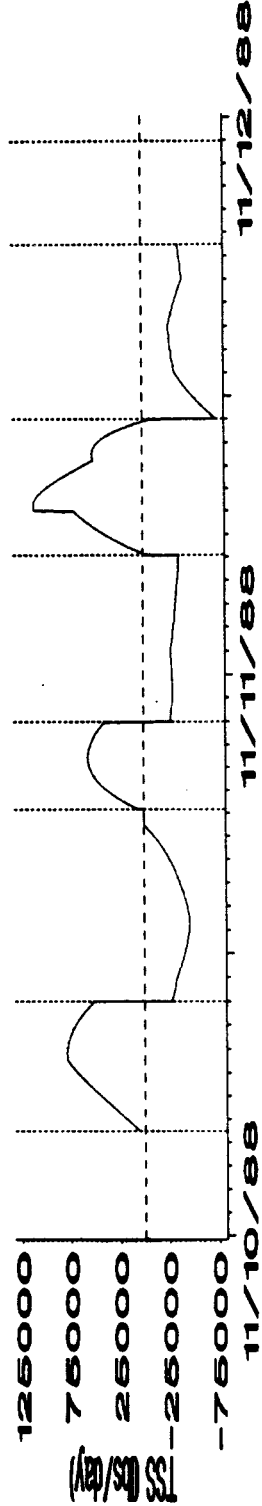
FLOW



CONCENTRATION

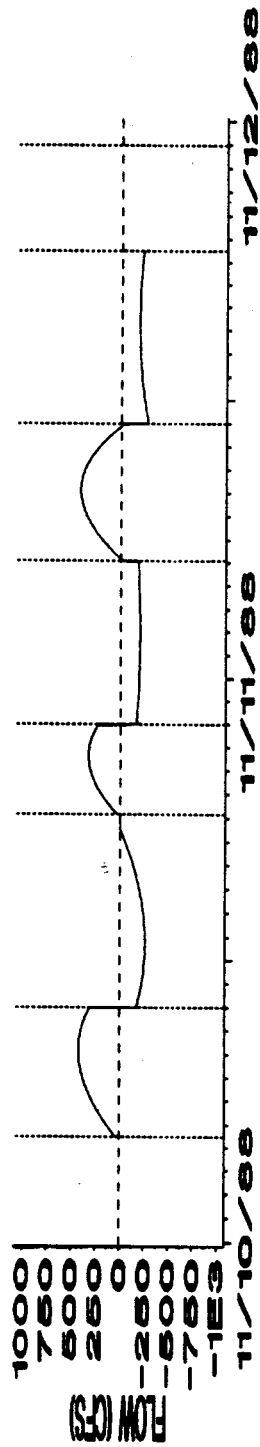


MASS FLUX

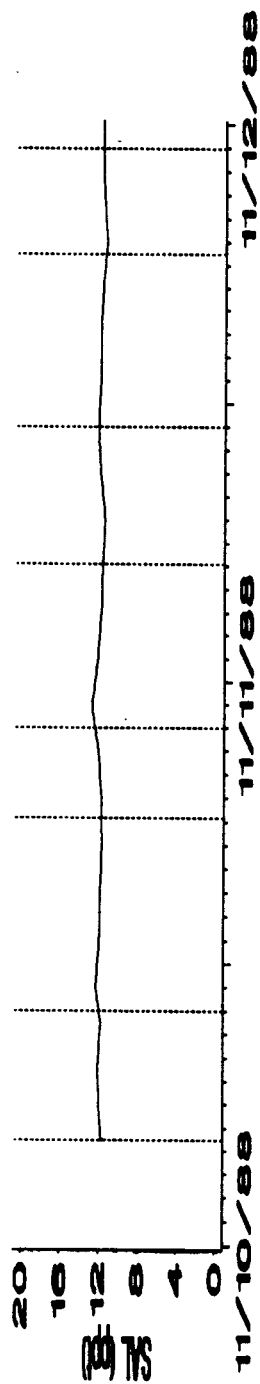


SALINITY CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M1 - SAWMILL CREEK MUDFLAT

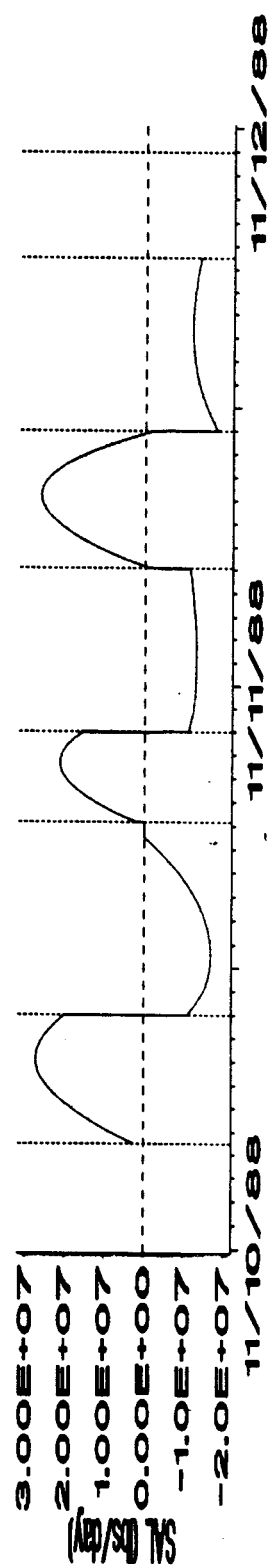
FLOW

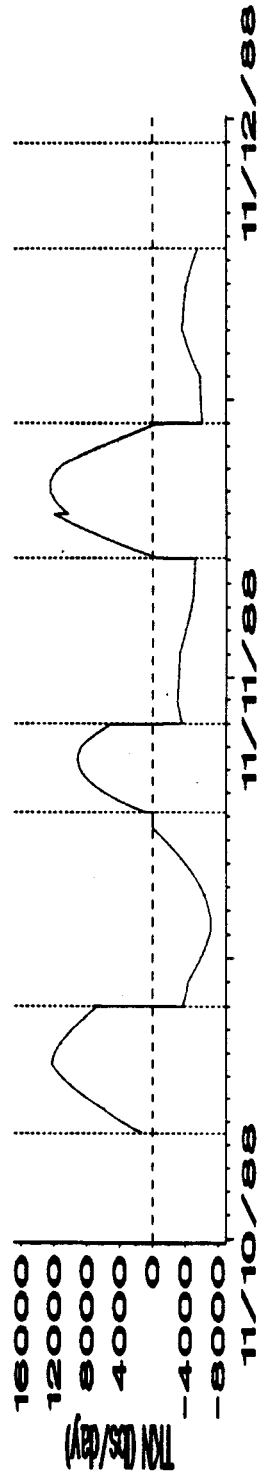
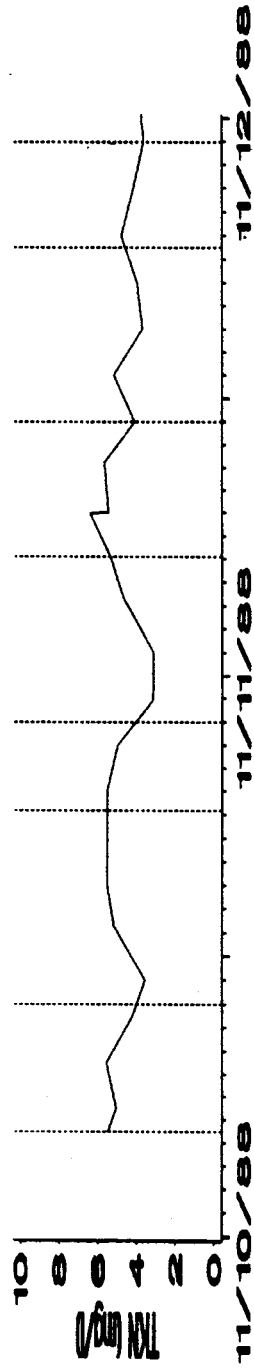
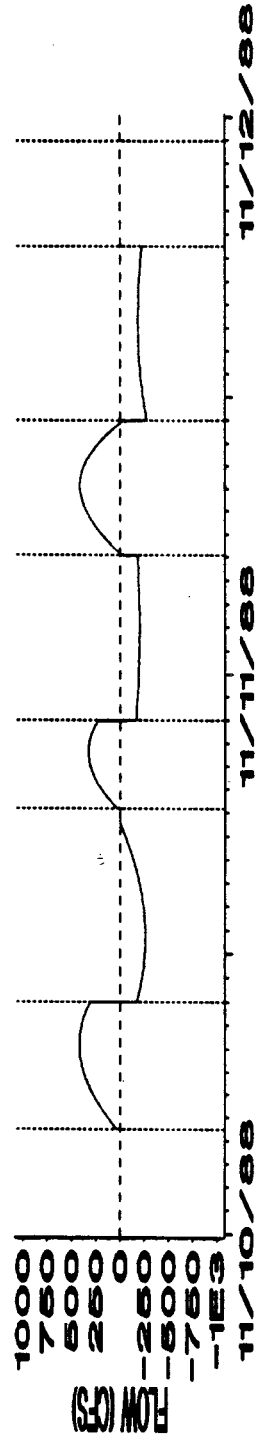


CONCENTRATION



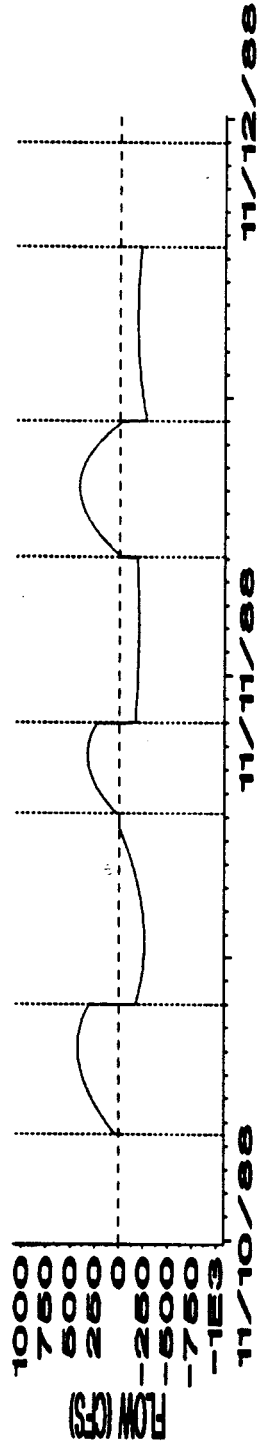
MASS FLUX



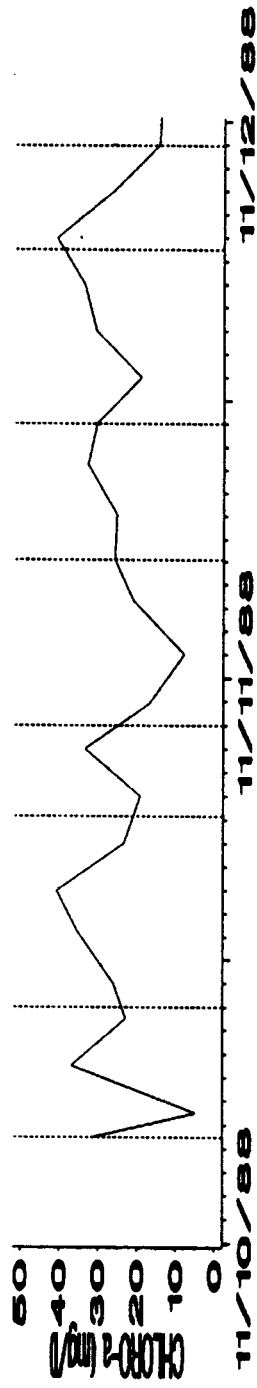
TKN CONCENTRATION AND FLUX DATA - NOVEMBER 1988
STATION M1 - SAWMILL CREEK MUDFLAT

CHOLRO-a CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M1 - SAWMILL CREEK MUDFLAT

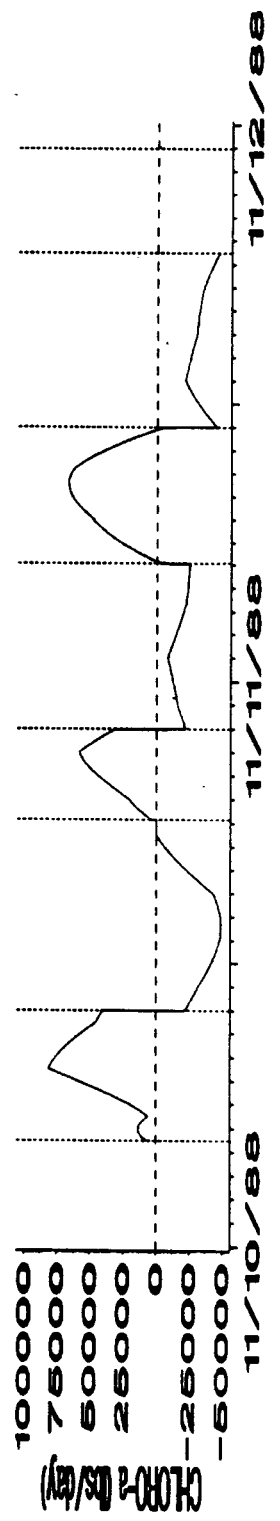
FLOW



CONCENTRATION

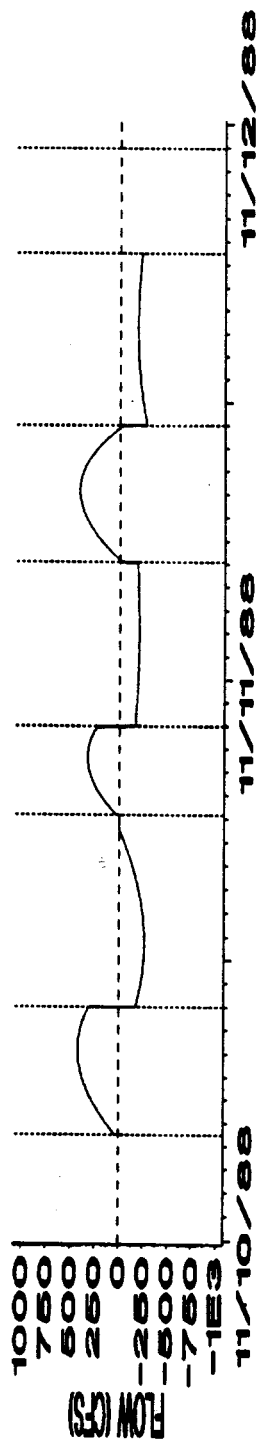


MASS FLUX

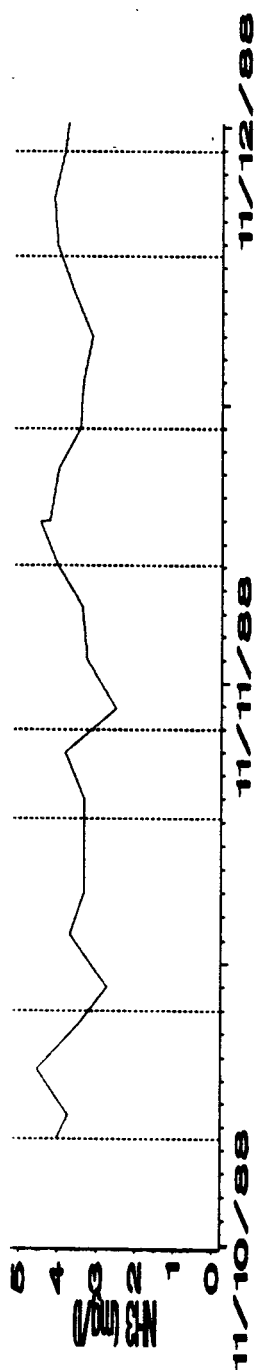


NH3 CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION M1 - SAWMILL CREEK MUDFLAT

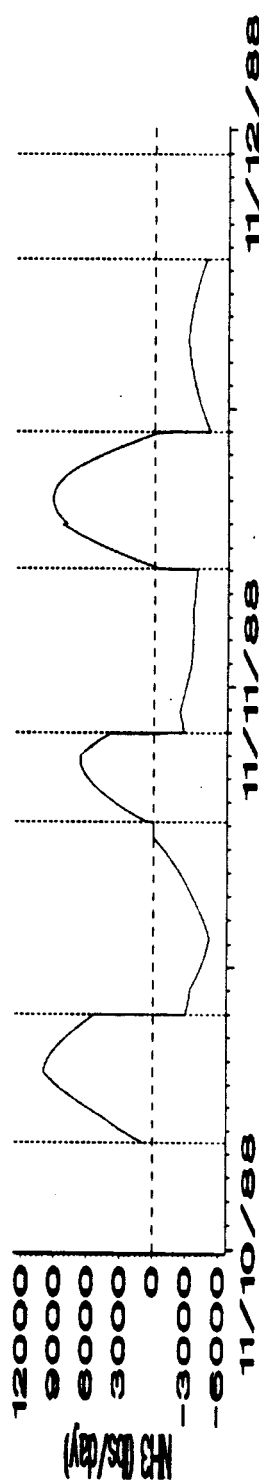
FLOW



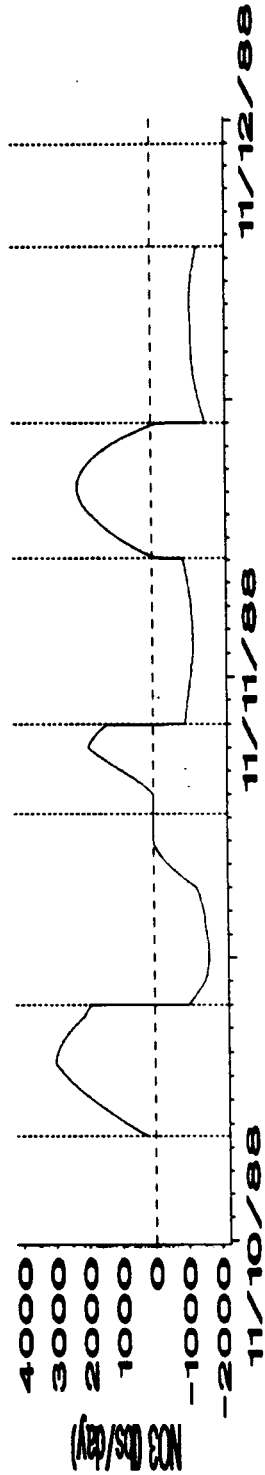
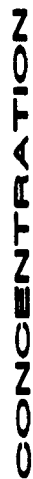
CONCENTRATION



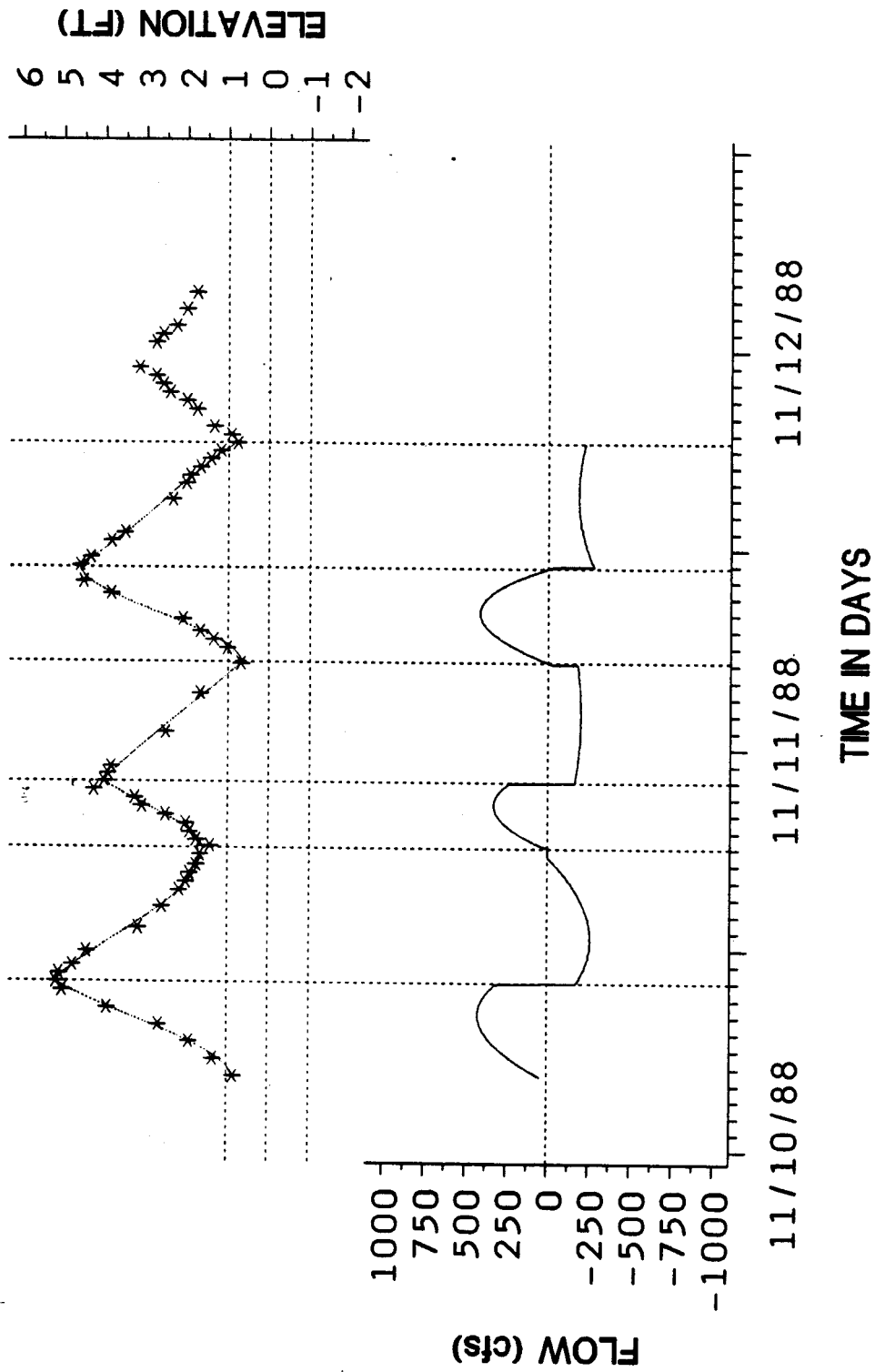
MASS FLUX



WOLFF



SAWMILL CREEK MUDFLAT EMBAYMENT - NOVEMBER 1988 - FLOW VERSUS WATER ELEVATION



MOTEL

