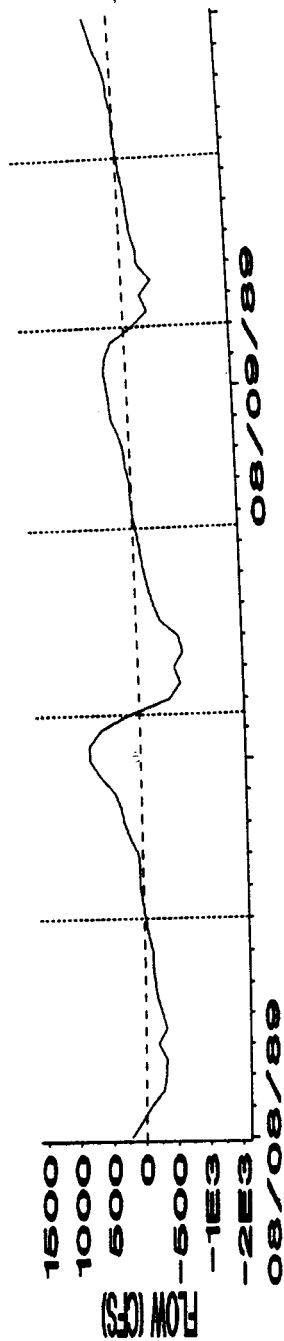


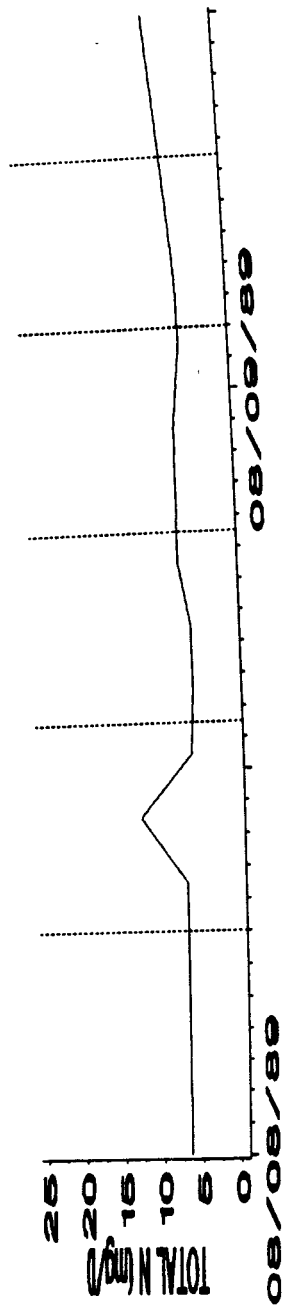
**Appendix A-2-2**  
**Section 3: Figures for Station S3**

# TOTAL NITROGEN CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

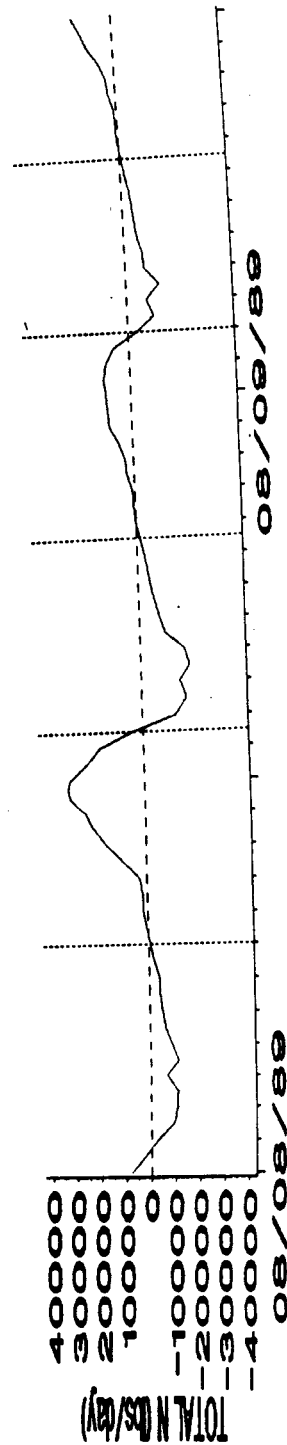
FLOW



CONCENTRATION

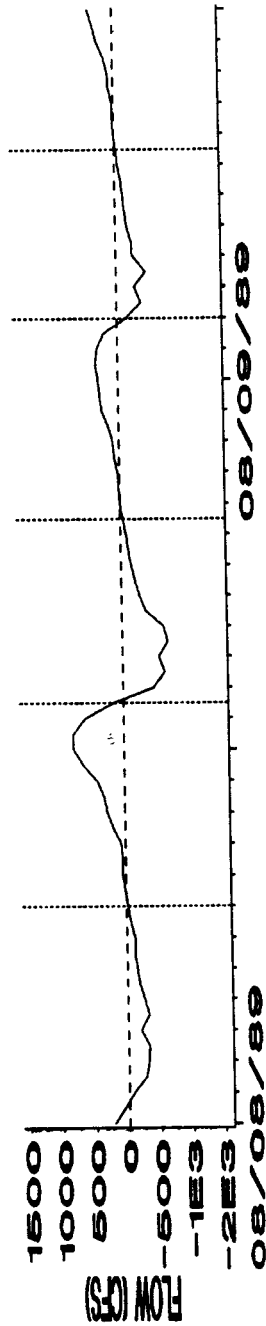


MASS FLUX

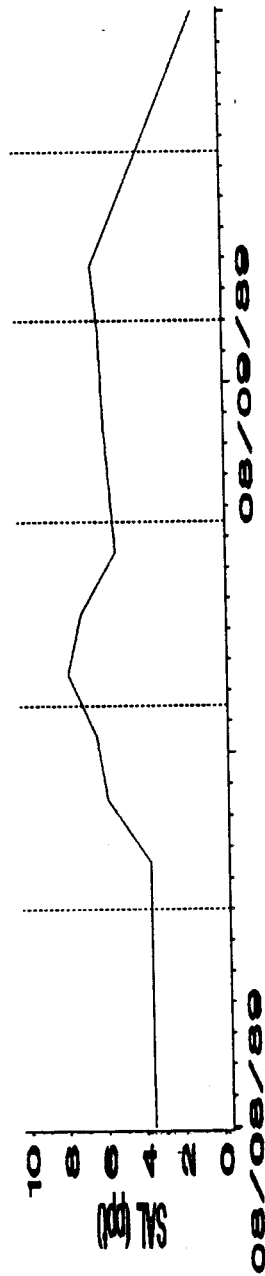


# SALINITY CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

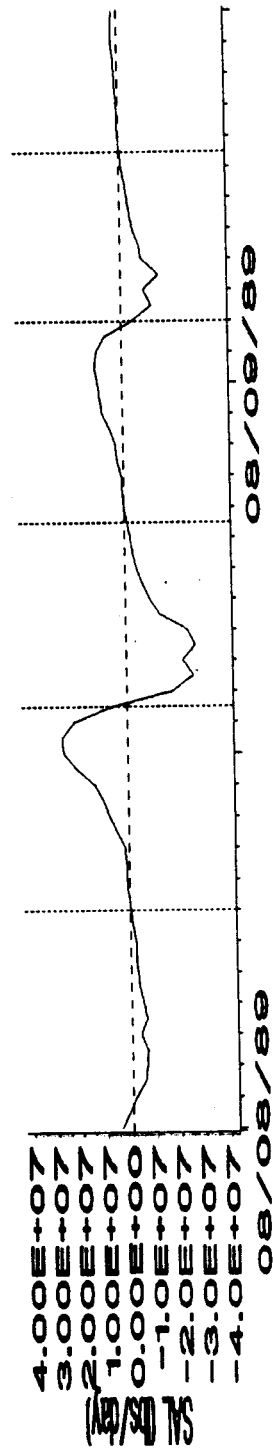
FLOW



CONCENTRATION

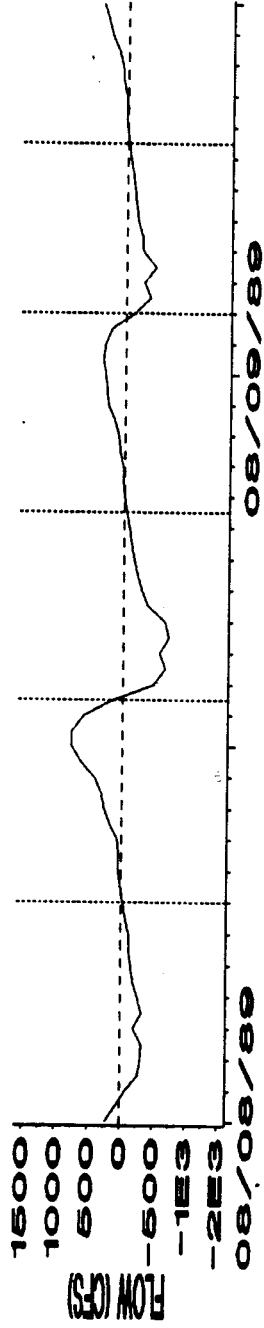


MASS FLUX

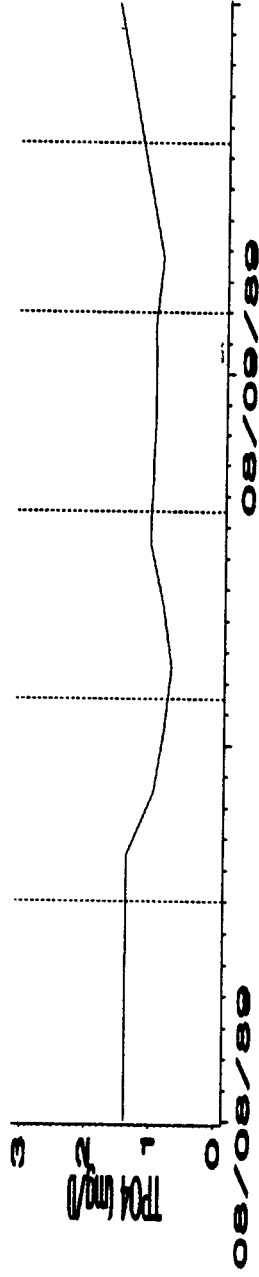


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - AUGUST 1989  
STATION S9 - MILL CREEK AT MOUTH

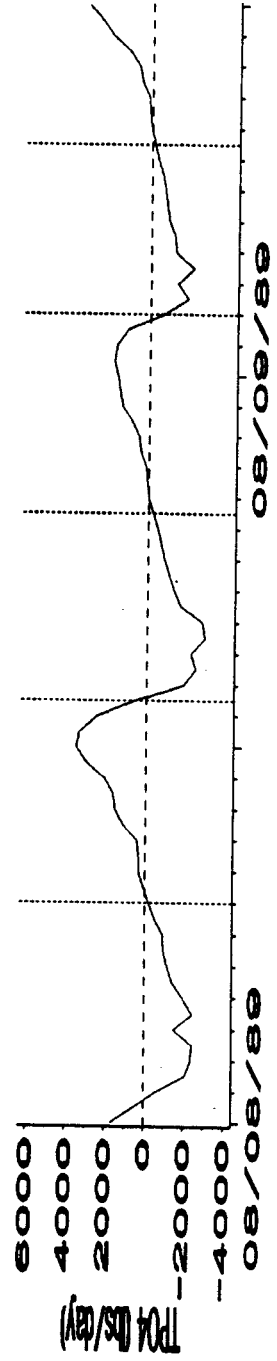
FLOW



CONCENTRATION

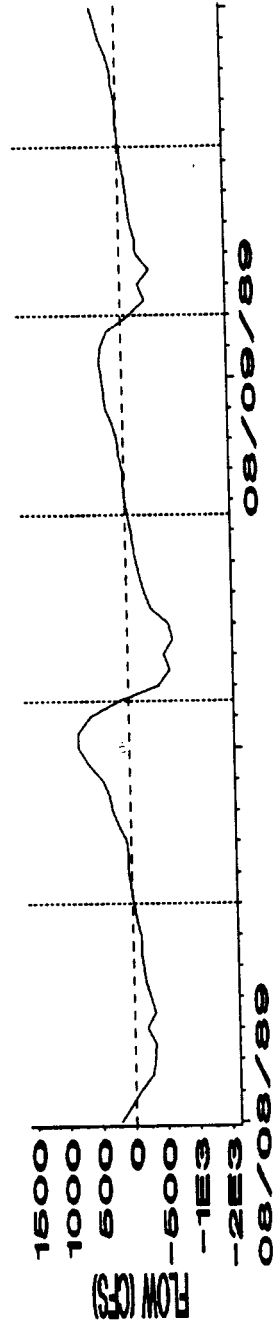


MASS FLUX

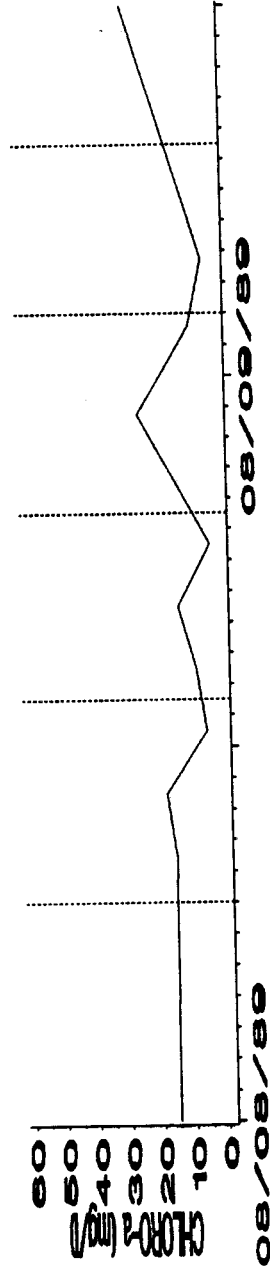


# CHOLRO-a CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

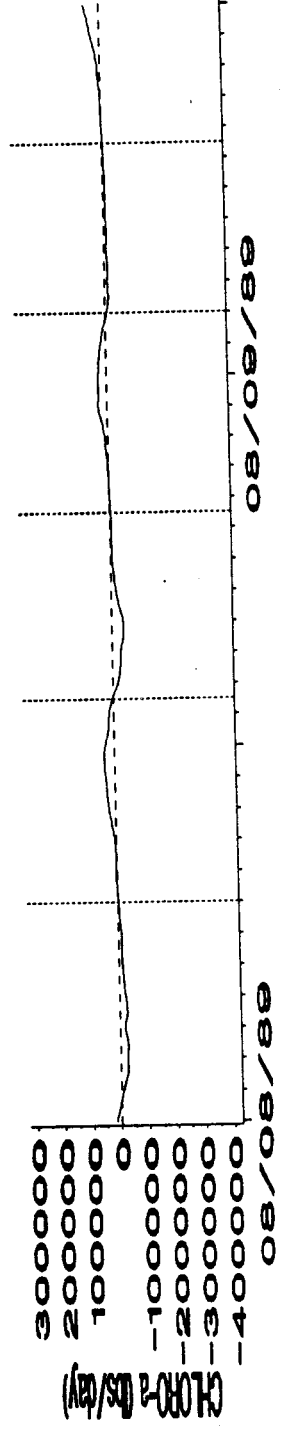
## FLOW



## CONCENTRATION

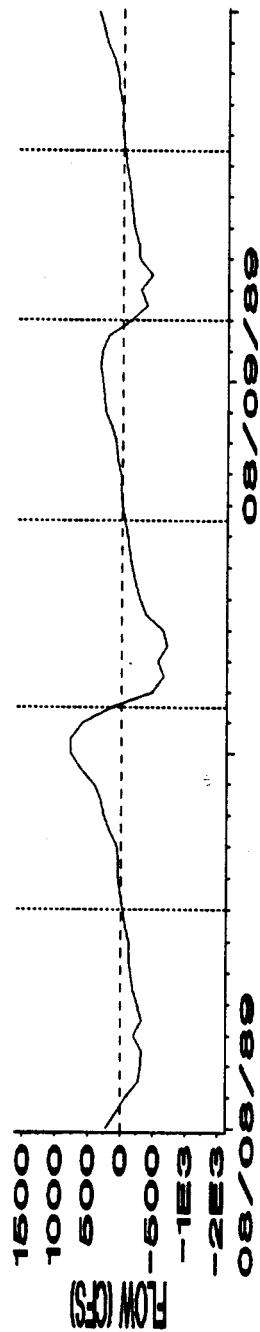


## MASS FLUX

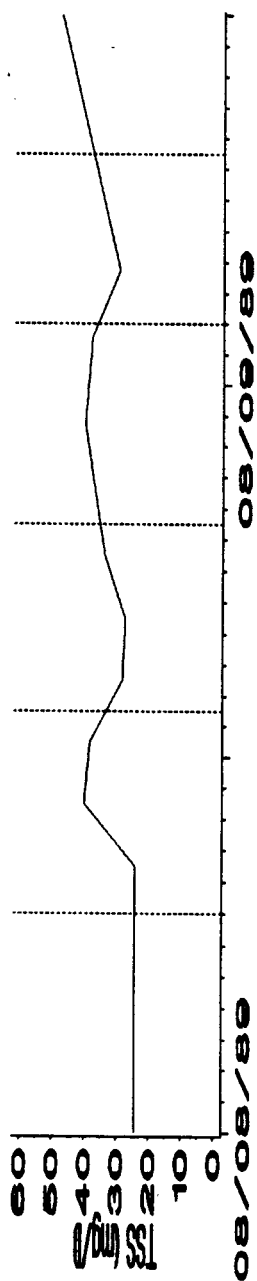


# TSS CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

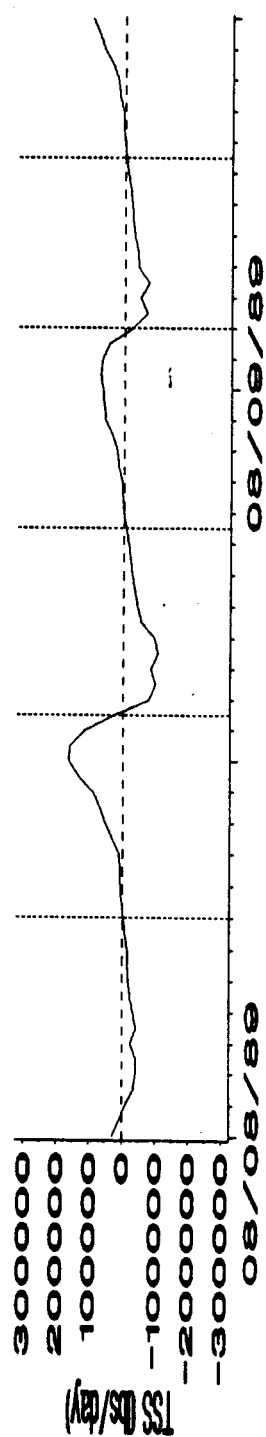
## FLOW



## CONCENTRATION

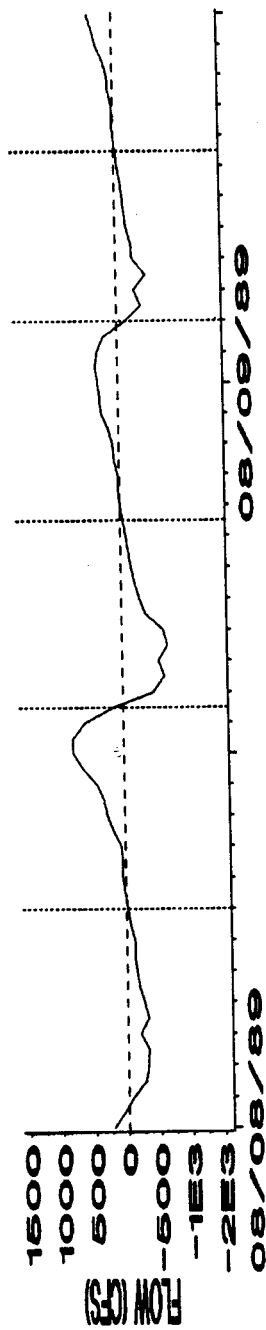


## MASS FLUX

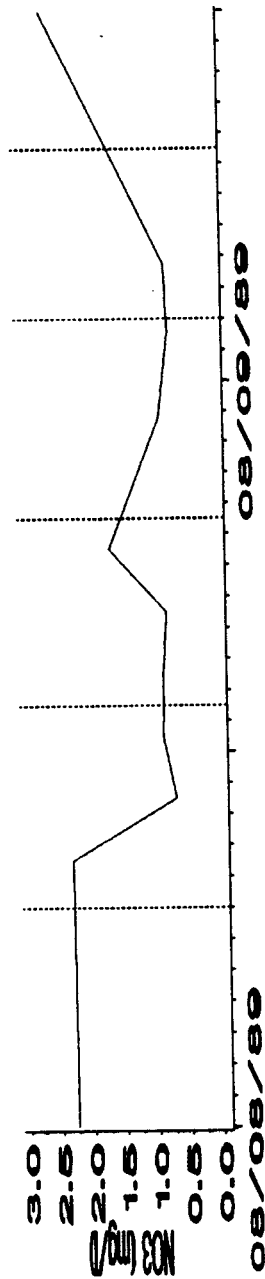


# NITRATE CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

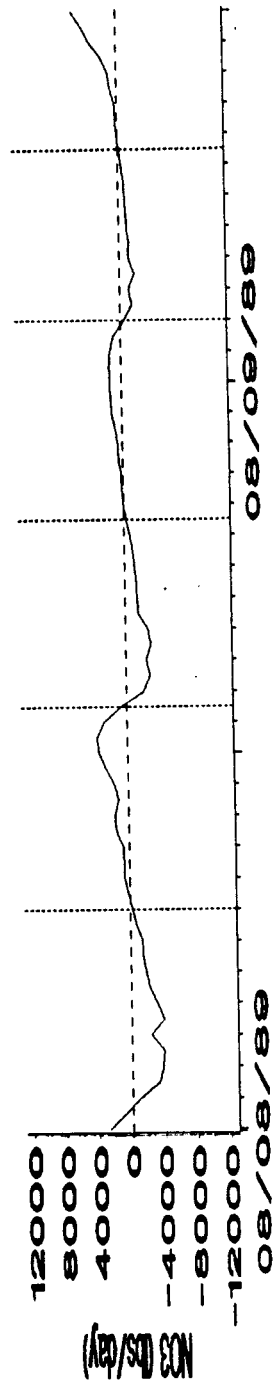
## FLOW



## CONCENTRATION

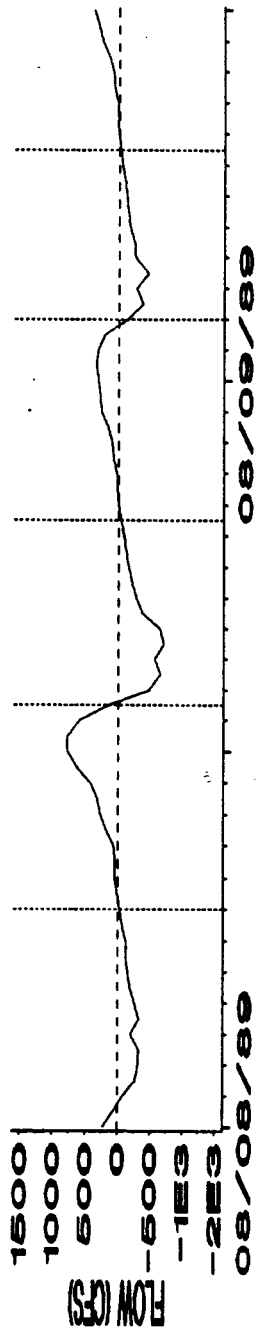


## MASS FLUX

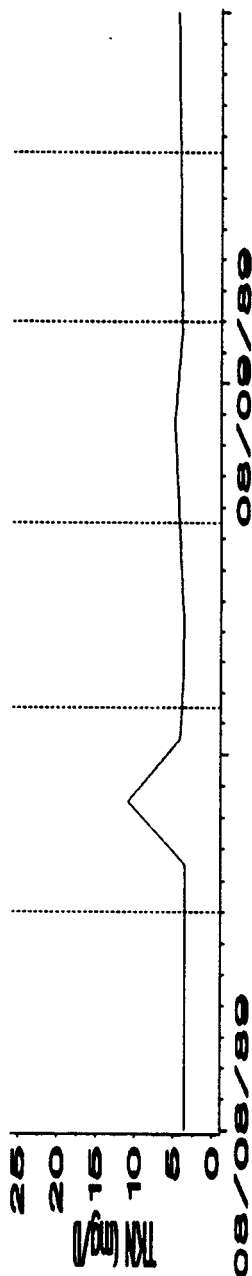


# TKN CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

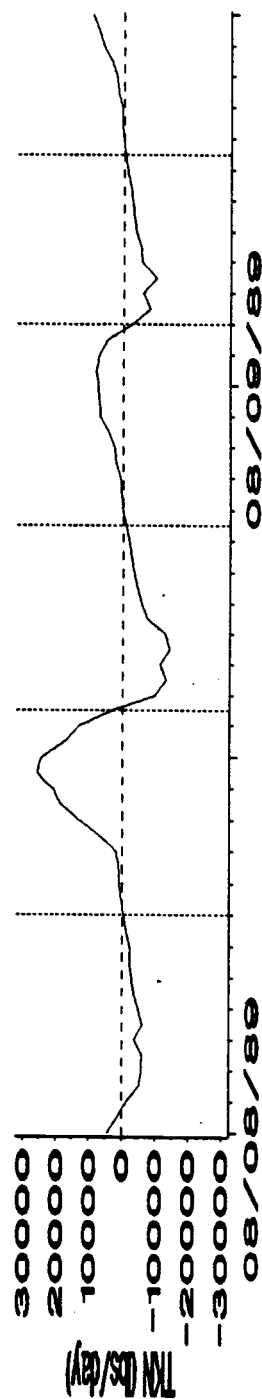
## FLOW



## CONCENTRATION



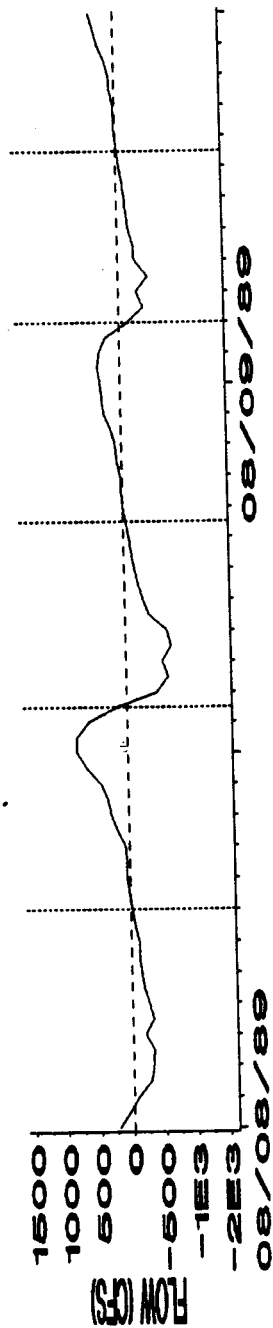
## MASS FLUX



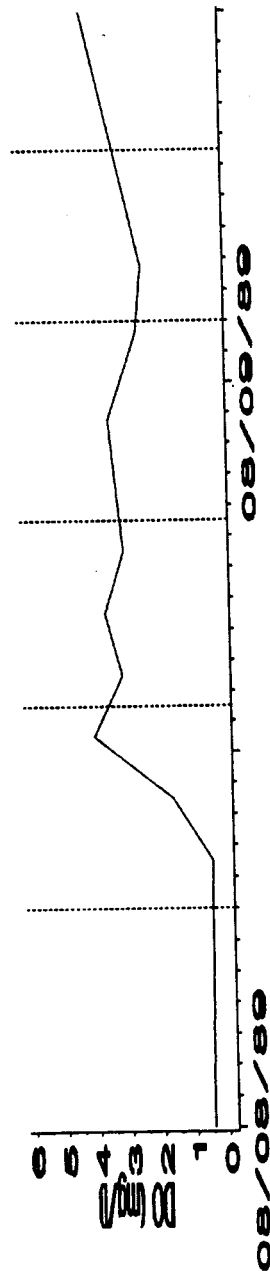


# DO CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

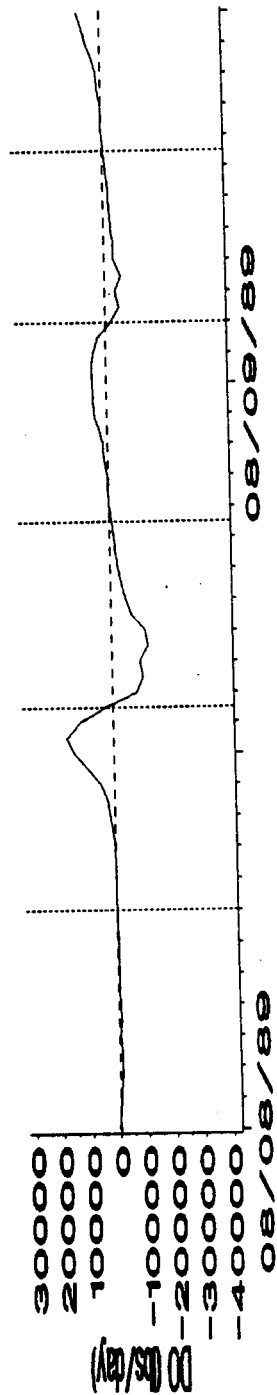
## FLOW



## CONCENTRATION

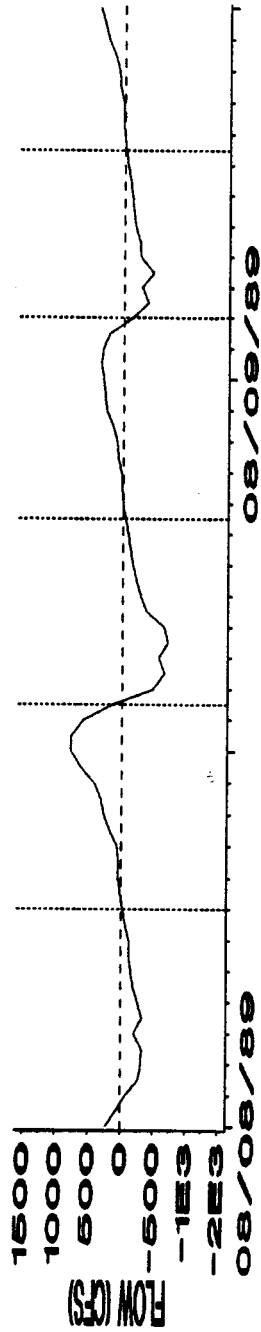


## MASS FLUX

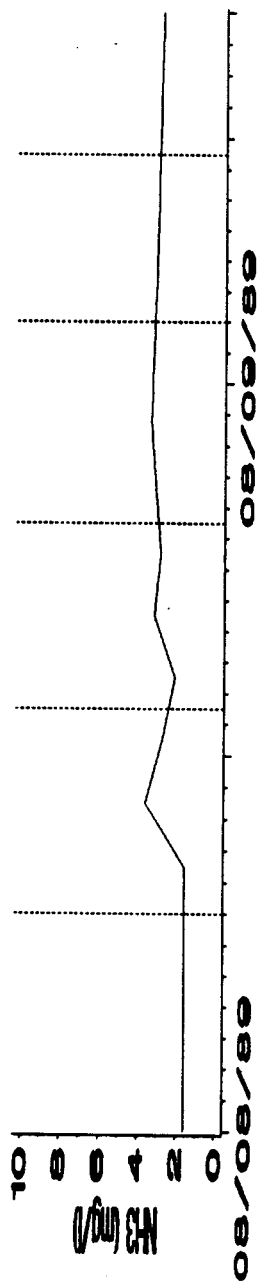


# NH3 CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

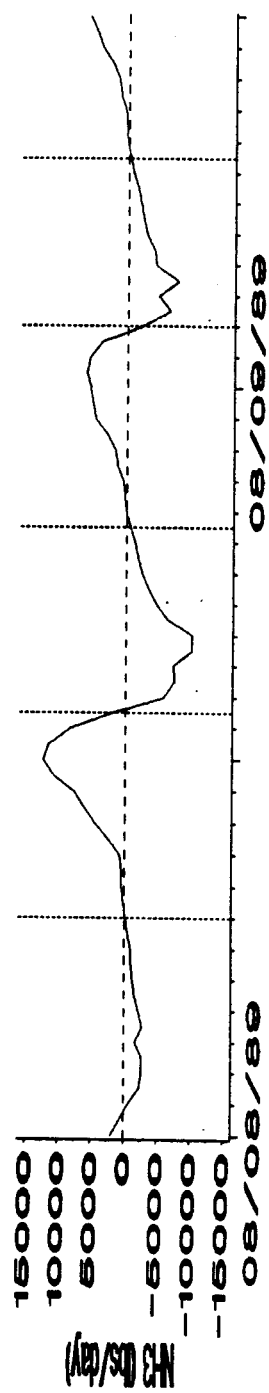
## FLOW



## CONCENTRATION



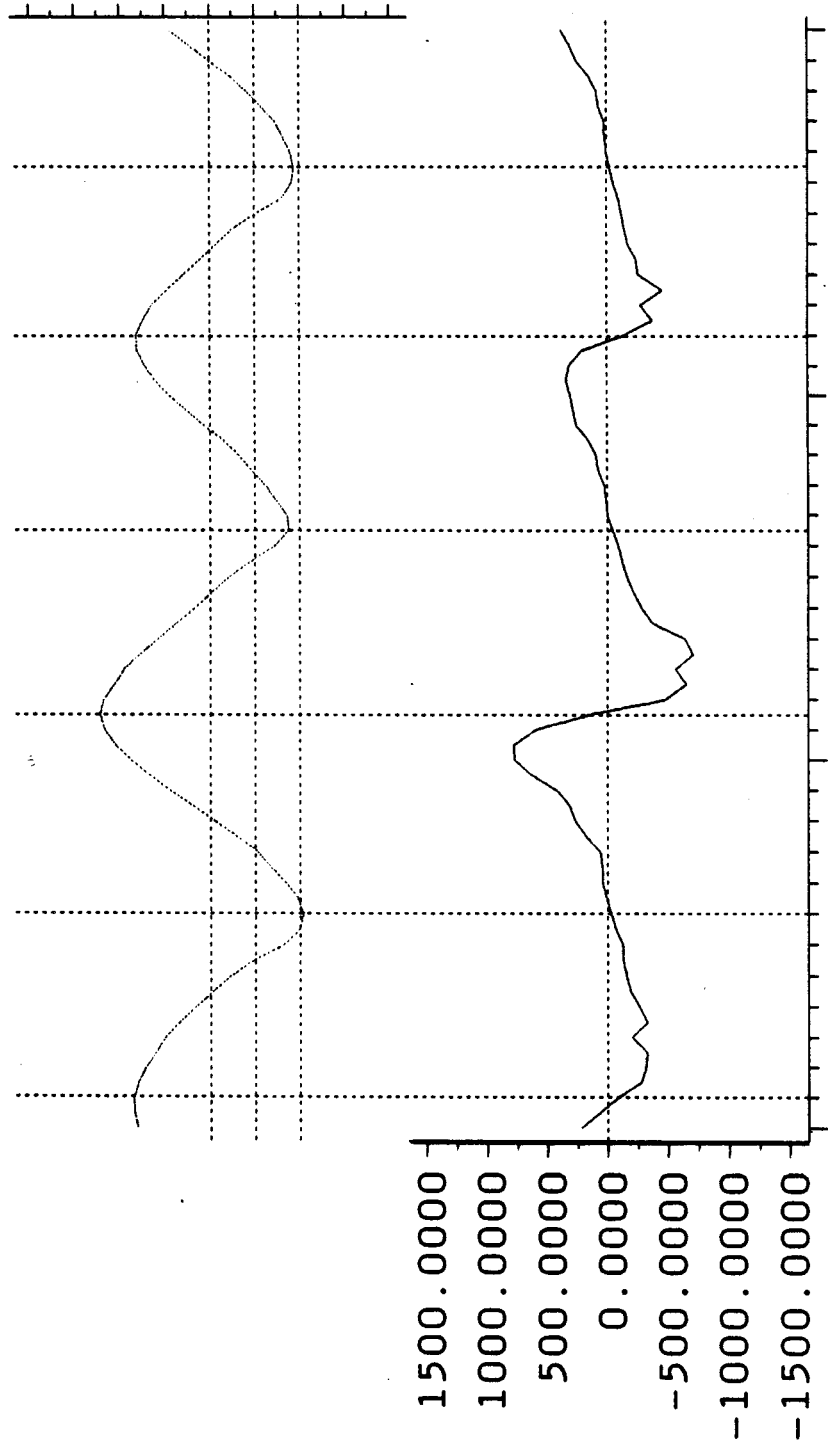
## MASS FLUX



# MILL CREEK AT S9 - AUGUST 1989 - FLOW VERSUS TIDE FLOW MODELLED BY DNM

ELEVATION (FT)

5.0000  
4.0000  
3.0000  
2.0000  
1.0000  
0.0000  
-1.0000  
-2.0000  
-3.0000



08/09/89

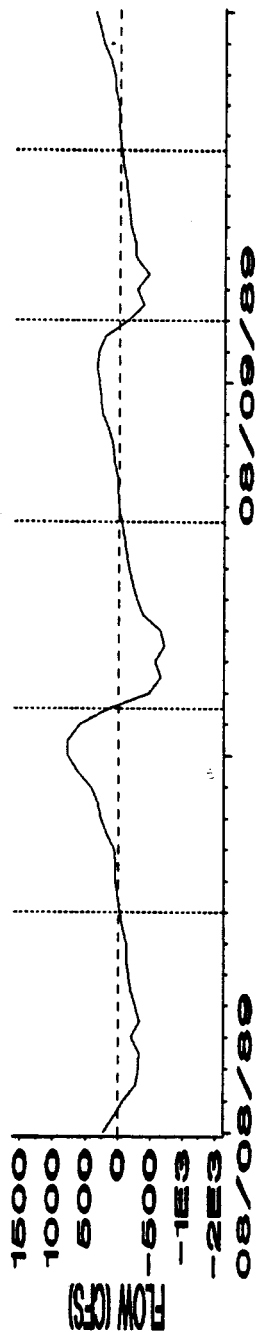
TIME IN DAYS

08/08/89

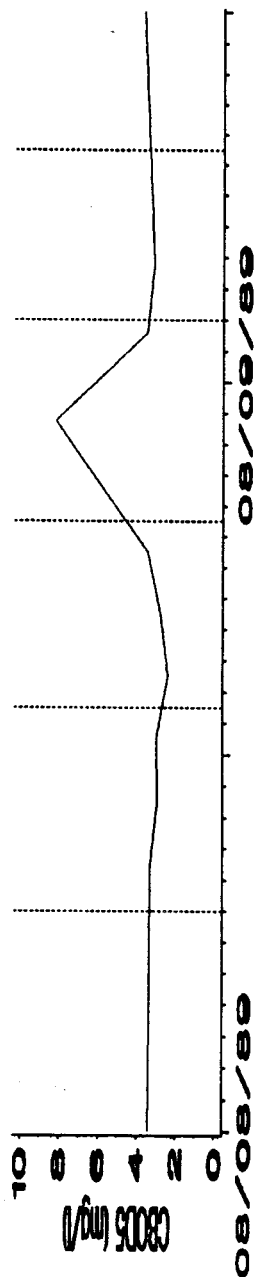
FLOW (cfs)

# CBOD5 CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9 - MILL CREEK AT MOUTH

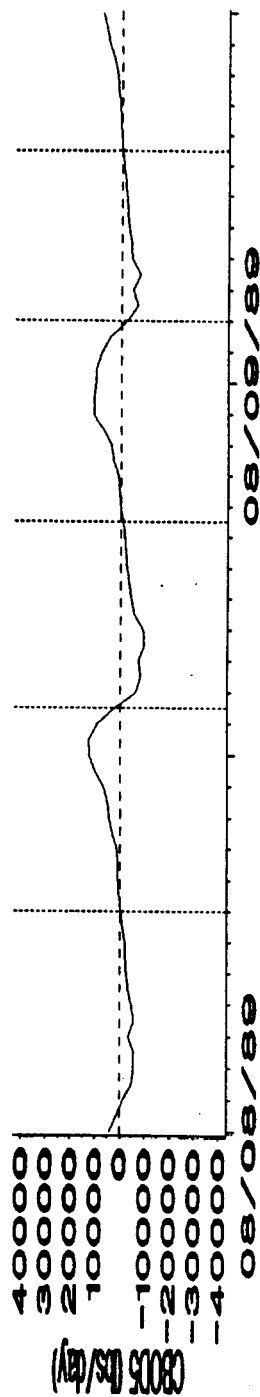
## FLOW



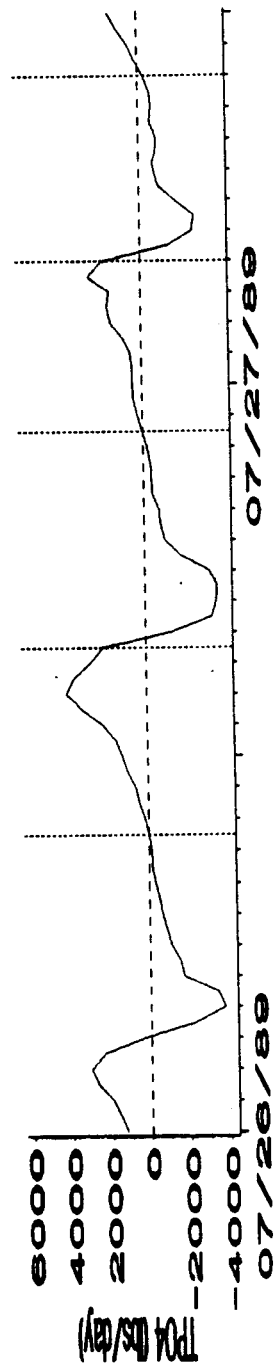
## CONCENTRATION



## MASS FLUX

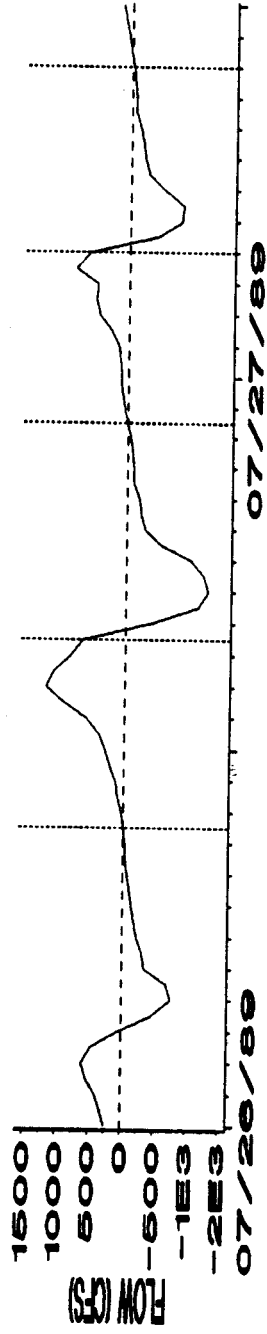


# FLOW

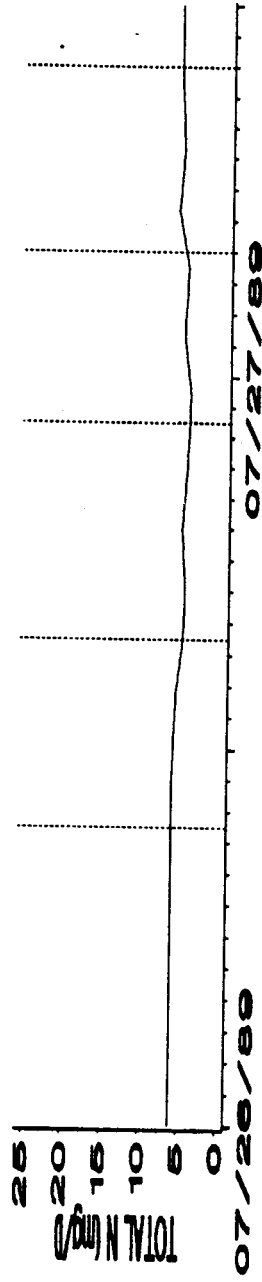


# TOTAL NITROGEN CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

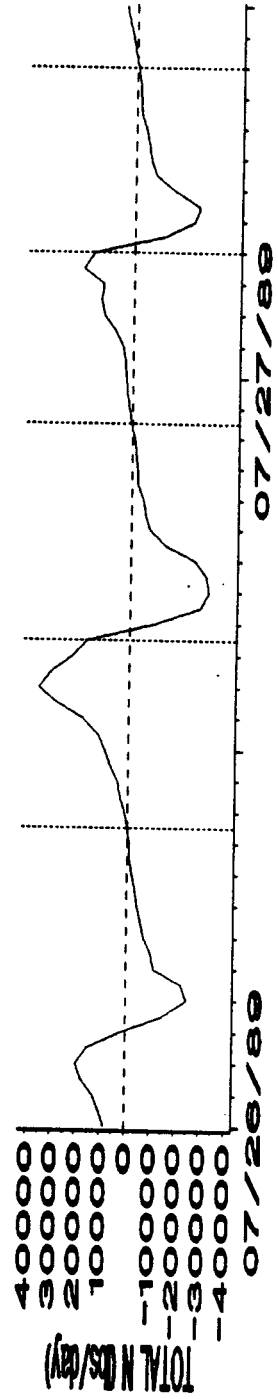
## FLOW



## CONCENTRATION

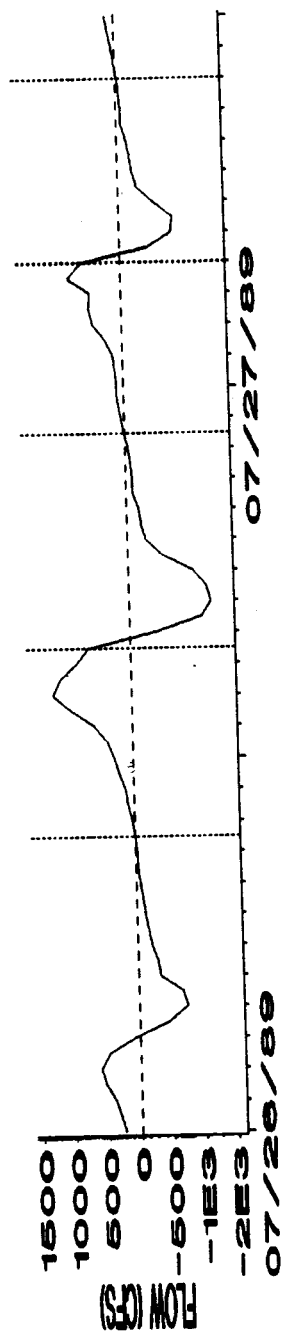


## MASS FLUX

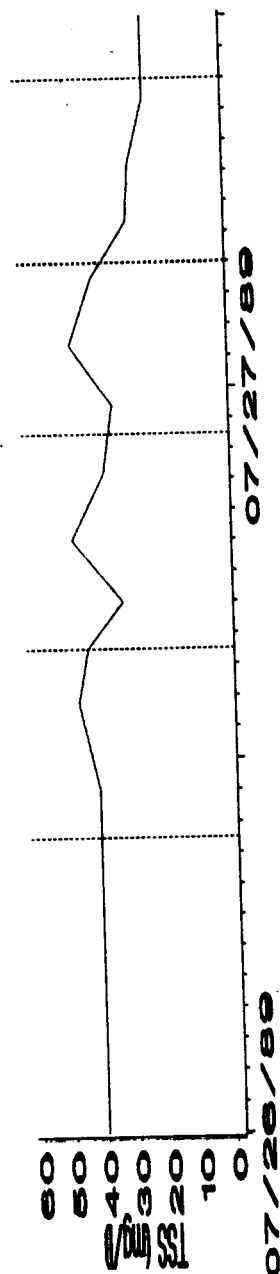


# TSS CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

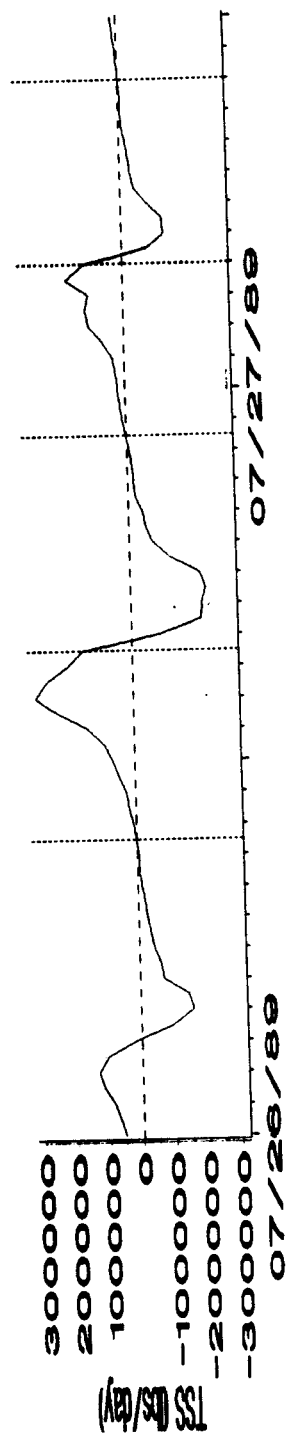
## FLOW



## CONCENTRATION

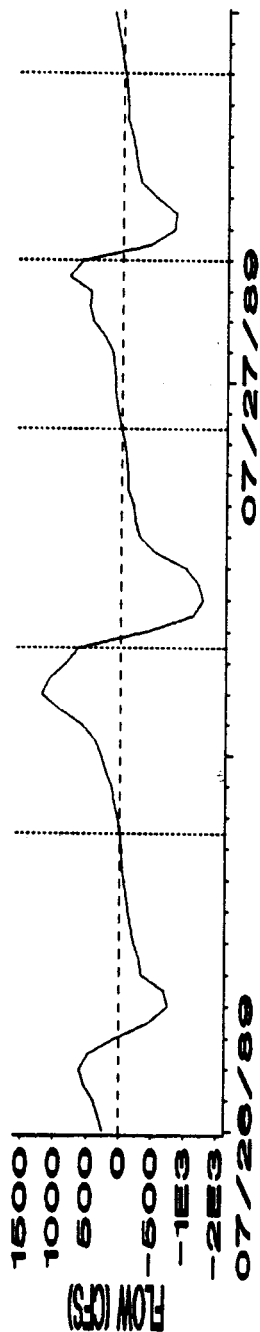


## MASS FLUX

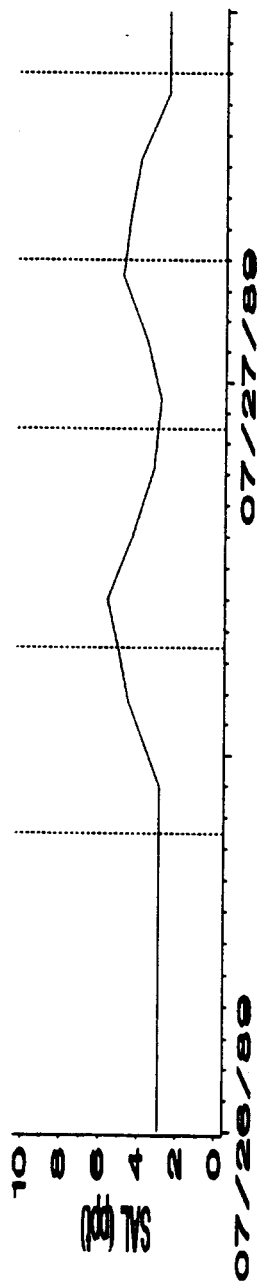


# SALINITY CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

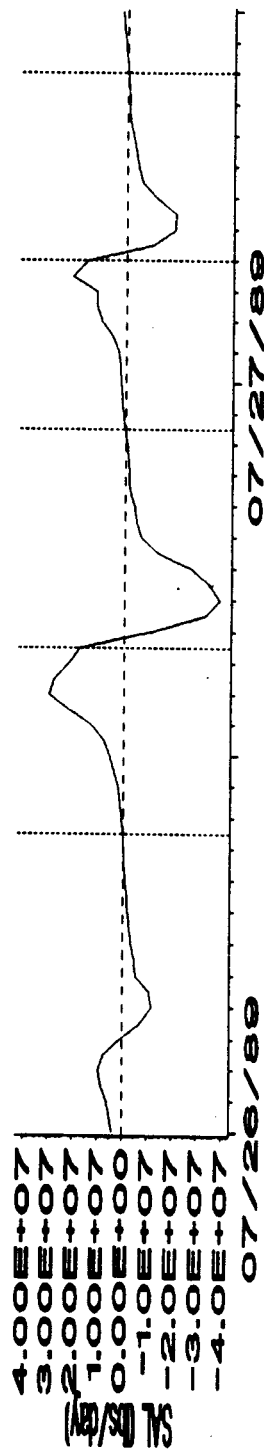
## FLOW



## CONCENTRATION



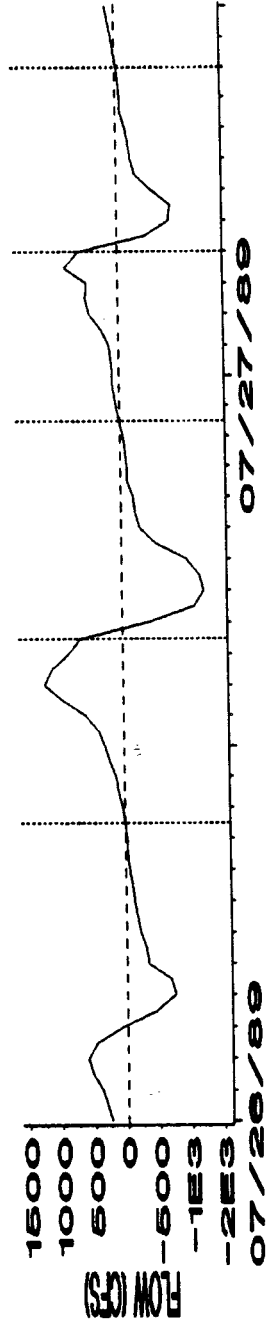
## MASS FLUX



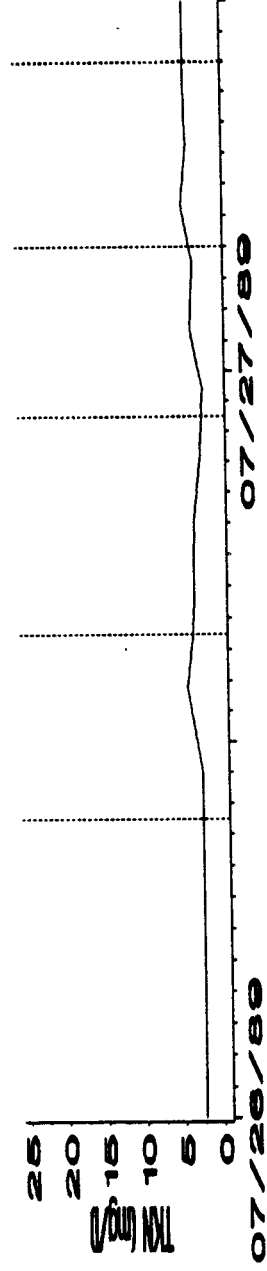


# TKN CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

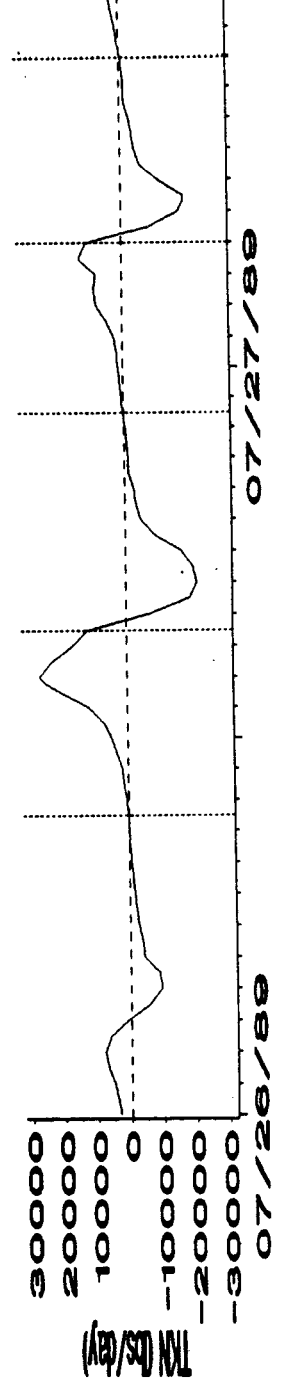
## FLOW



## CONCENTRATION

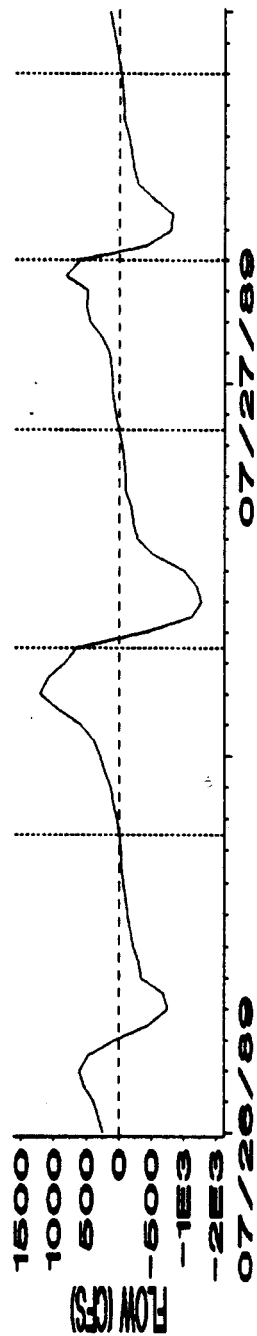


## MASS FLUX

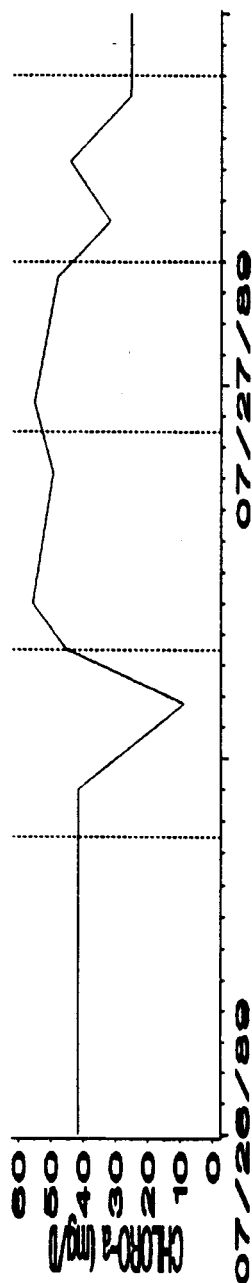


# CHOLRO-a CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

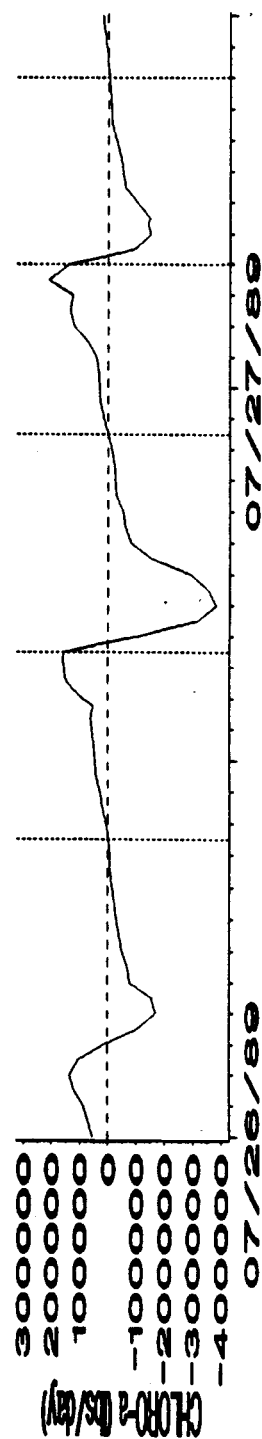
## FLOW



## CONCENTRATION

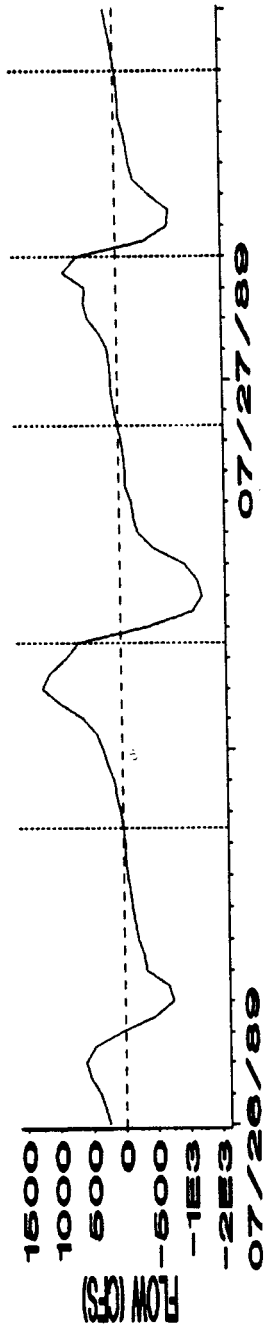


## MASS FLUX

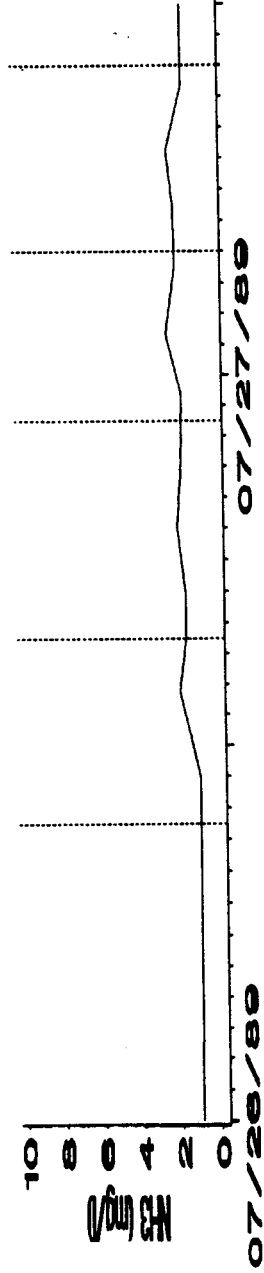


# NH3 CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

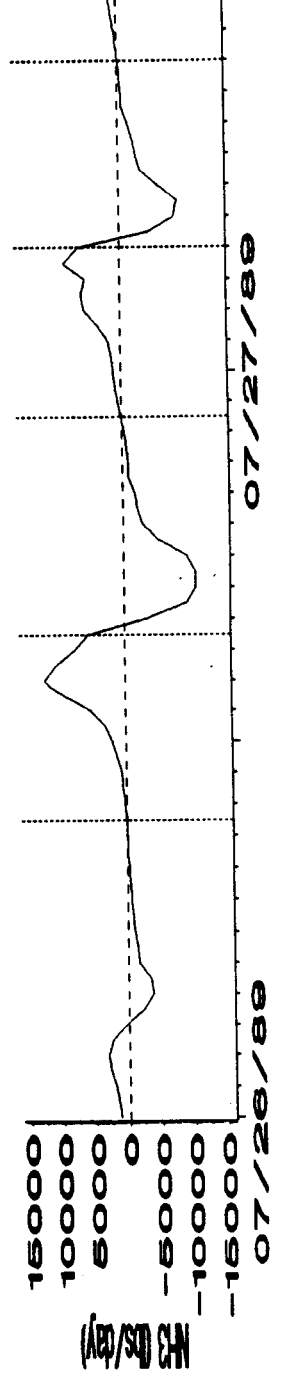
## FLOW



## CONCENTRATION

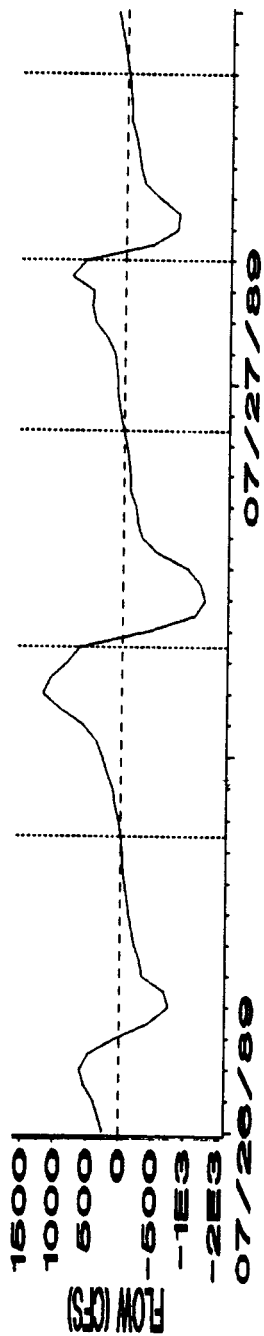


## MASS FLUX

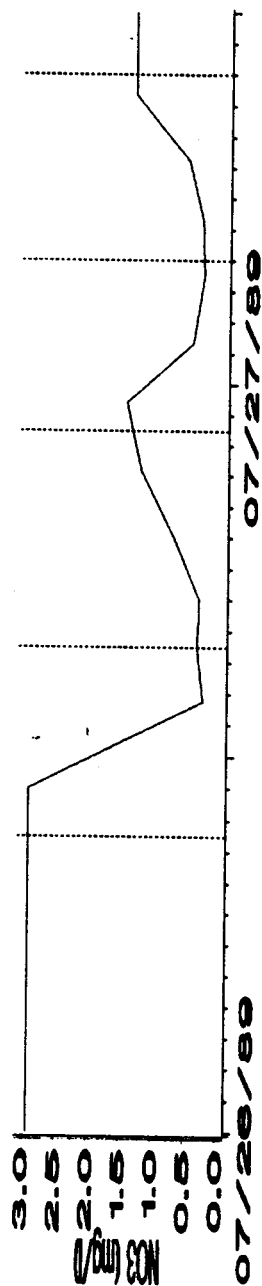


# NITRATE CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

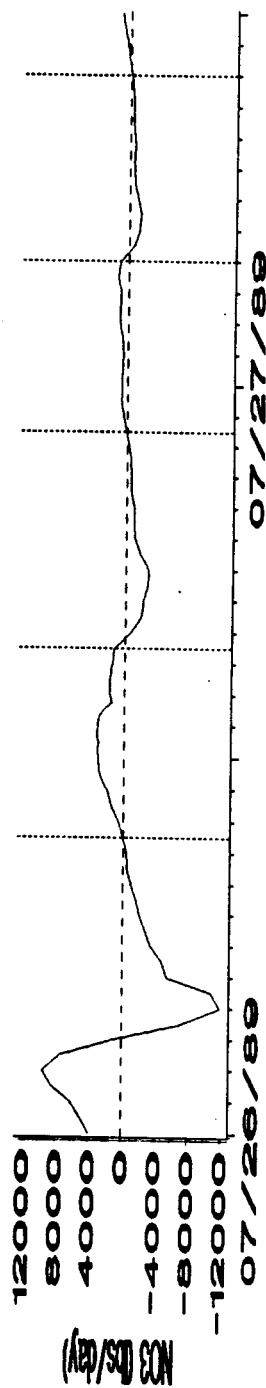
## FLOW



## CONCENTRATION

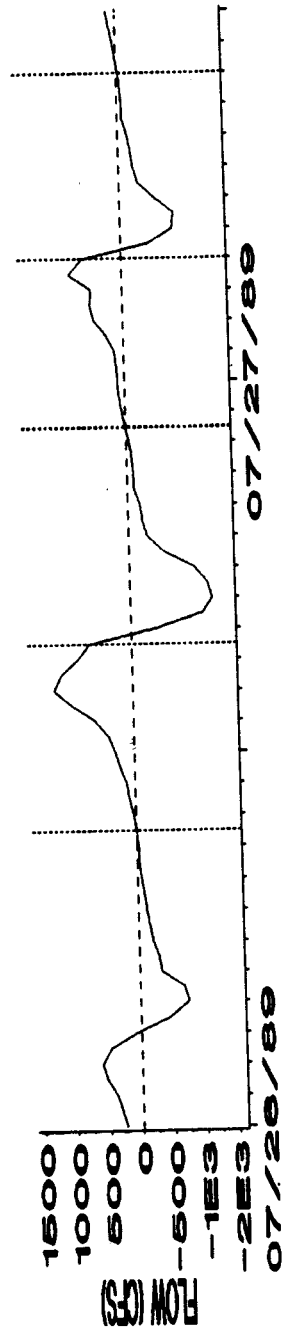


## MASS FLUX

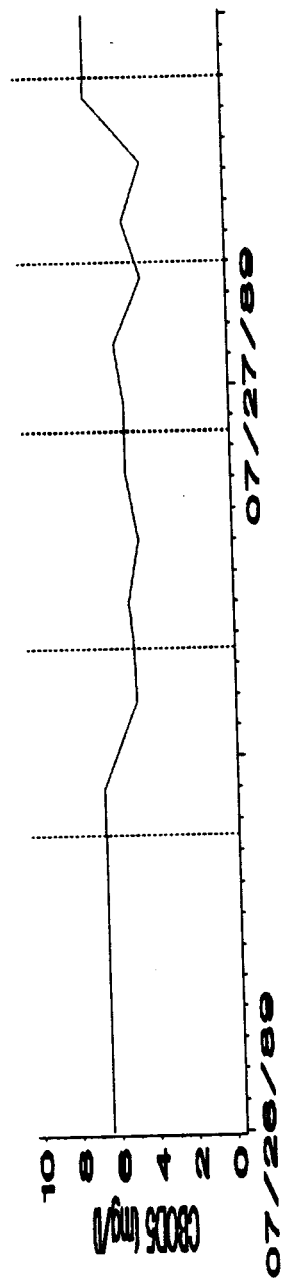


# CBOD5 CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

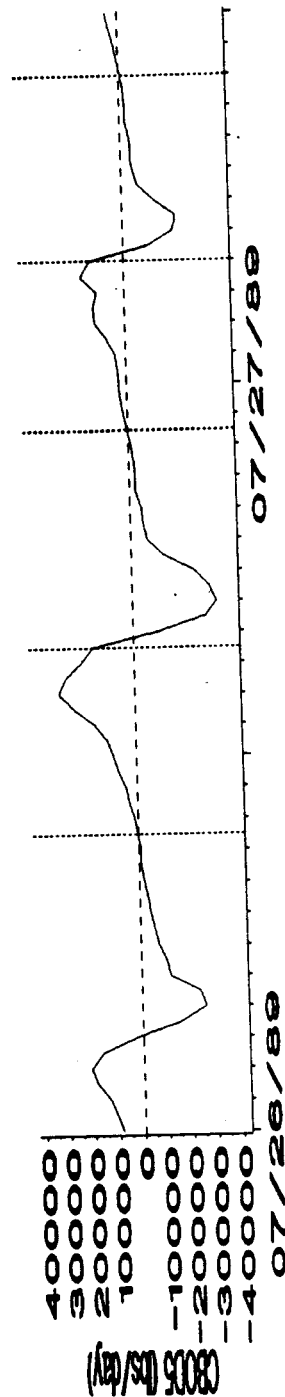
## FLOW



## CONCENTRATION

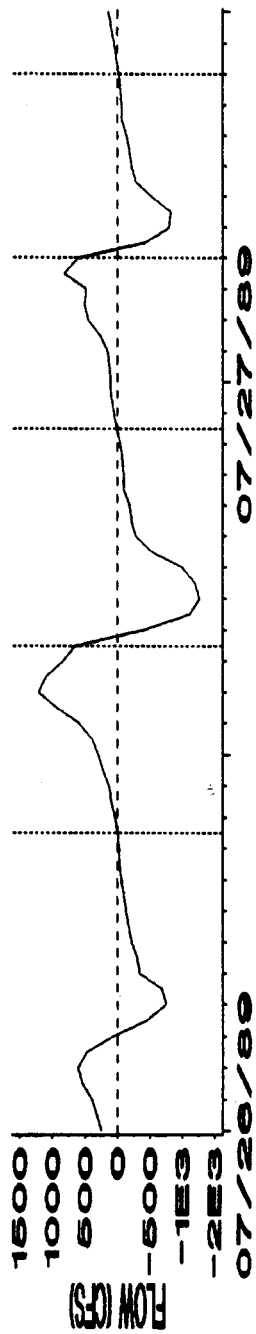


## MASS FLUX

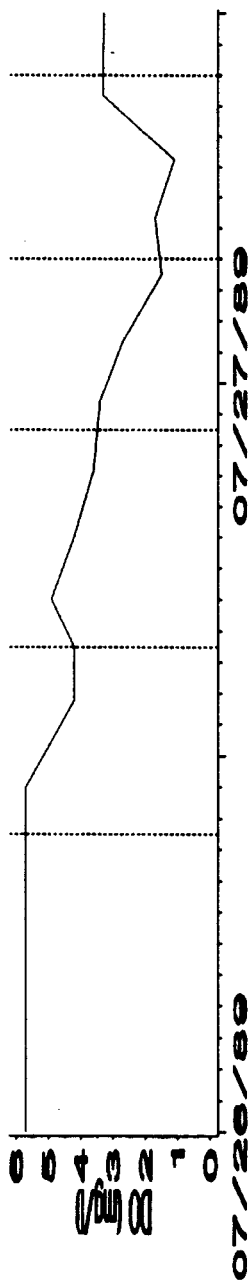


# DO CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9 - MILL CREEK AT MOUTH

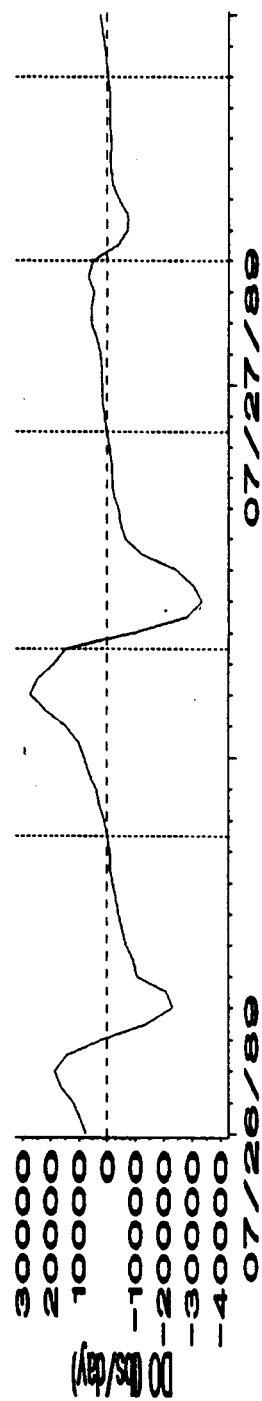
## FLOW



## CONCENTRATION

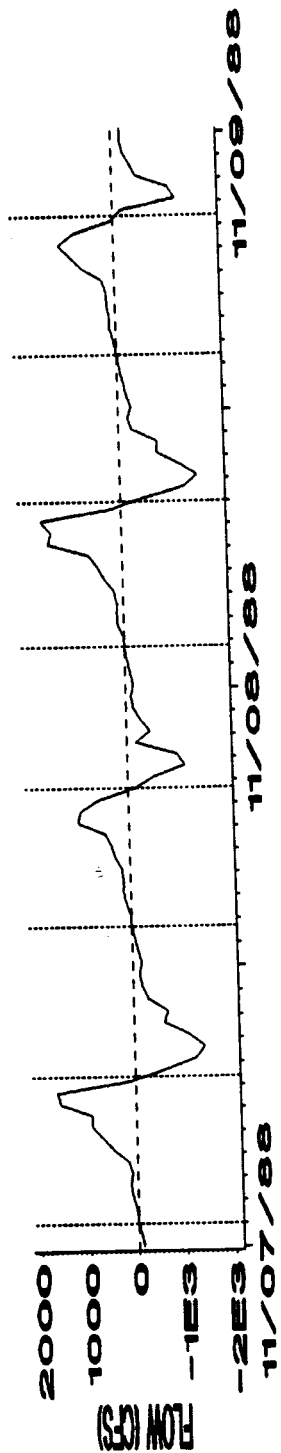


## MASS FLUX

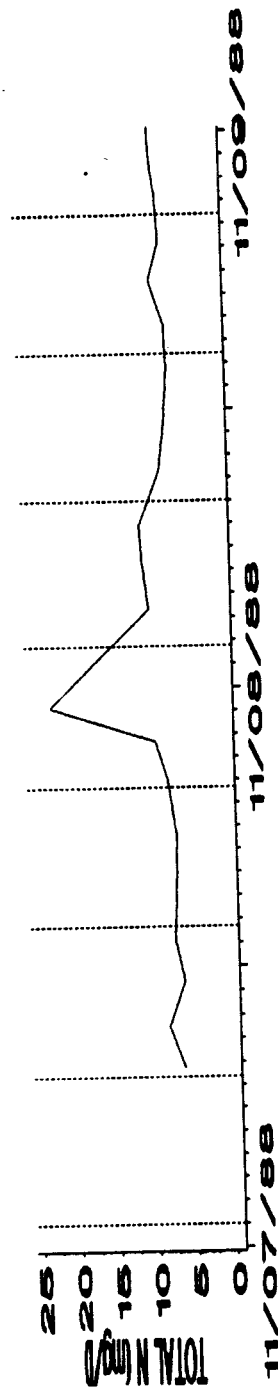


# TOTAL NITROGEN CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

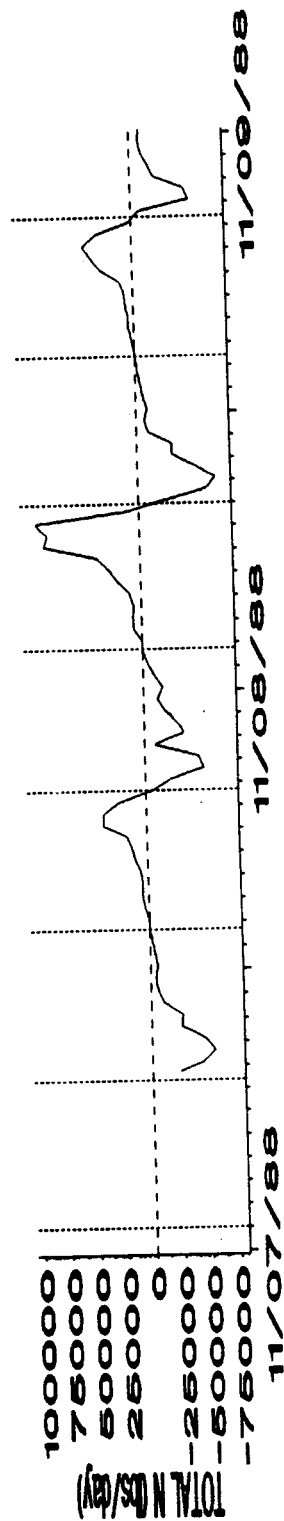
## FLOW



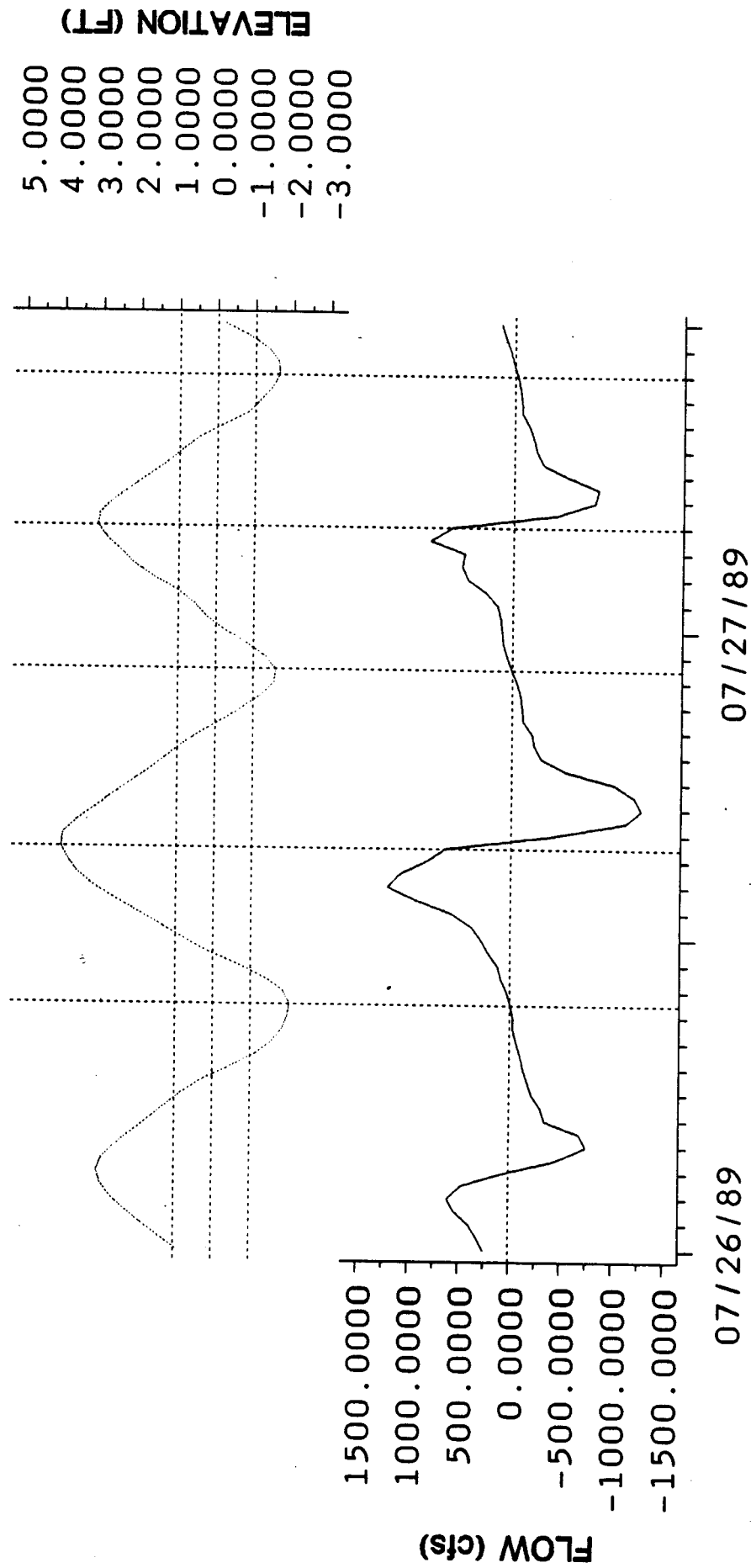
## CONCENTRATION



## MASS FLUX



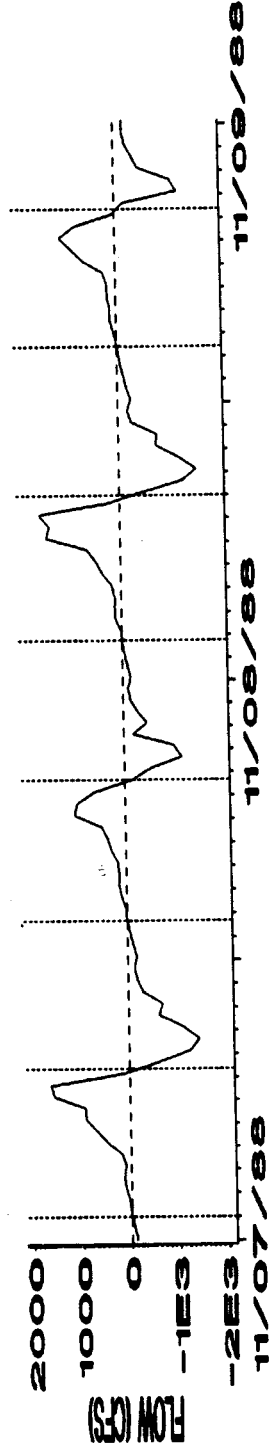
# MILL CREEK AT S9 - JULY 1989 - FLOW VERSUS TIDE FLOW MODELLED BY DNM



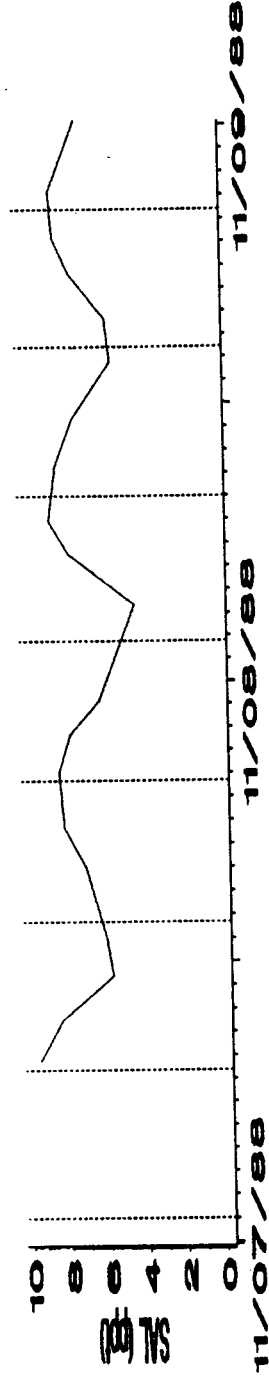


# SALINITY CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

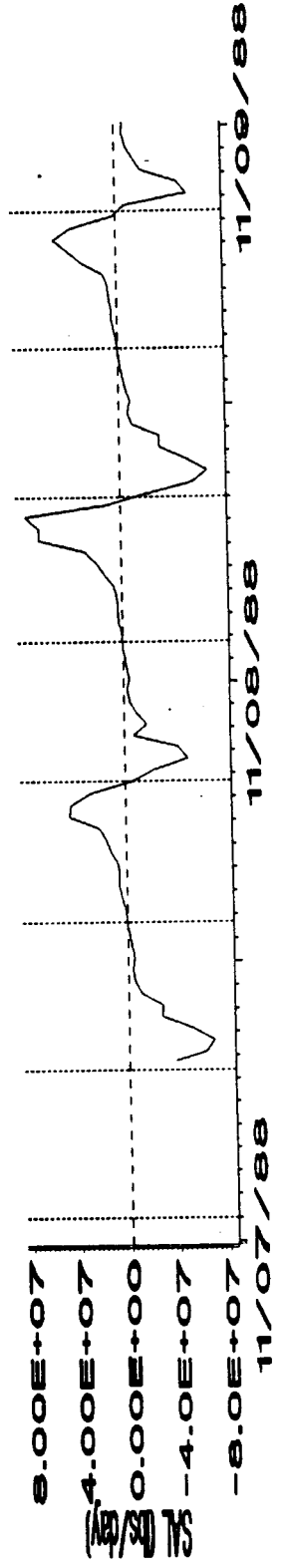
FLOW



CONCENTRATION

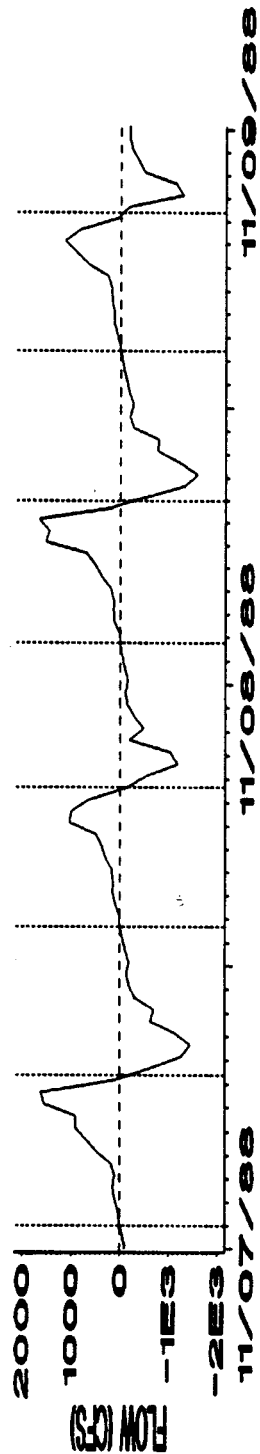


MASS FLUX

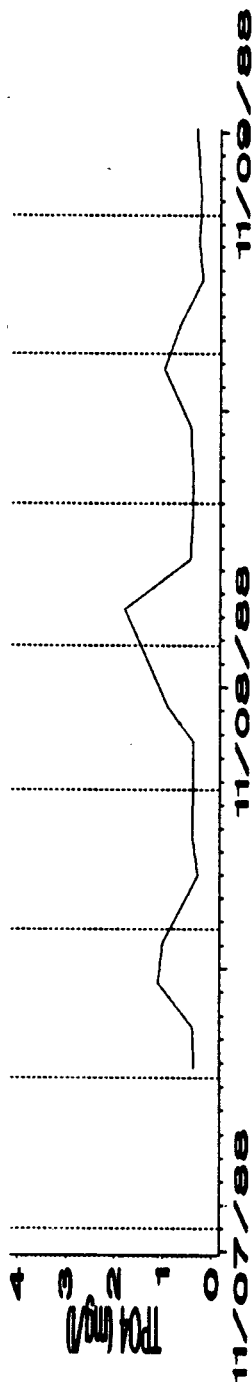


# TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

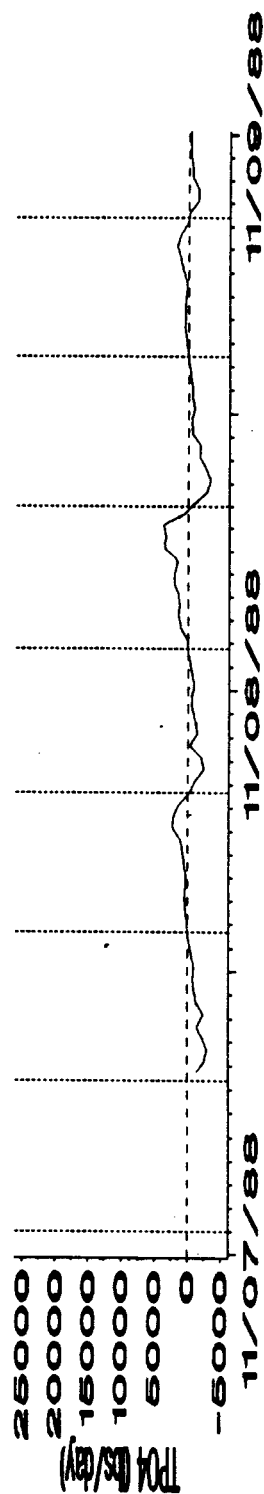
## FLOW



## CONCENTRATION

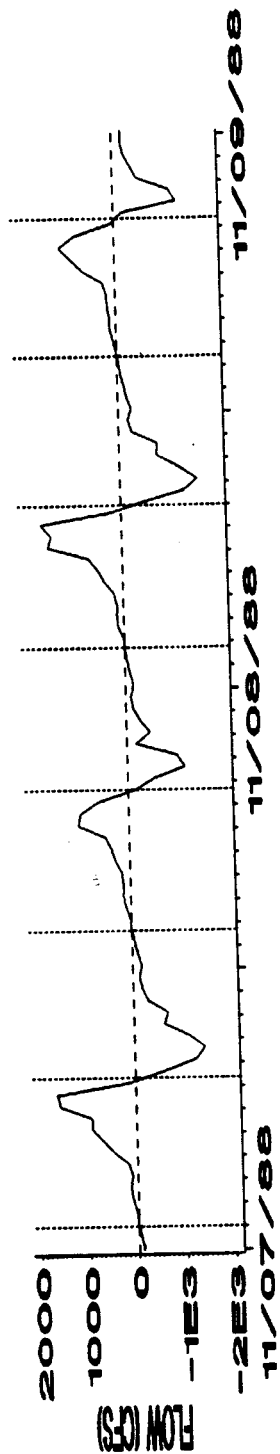


## MASS FLUX

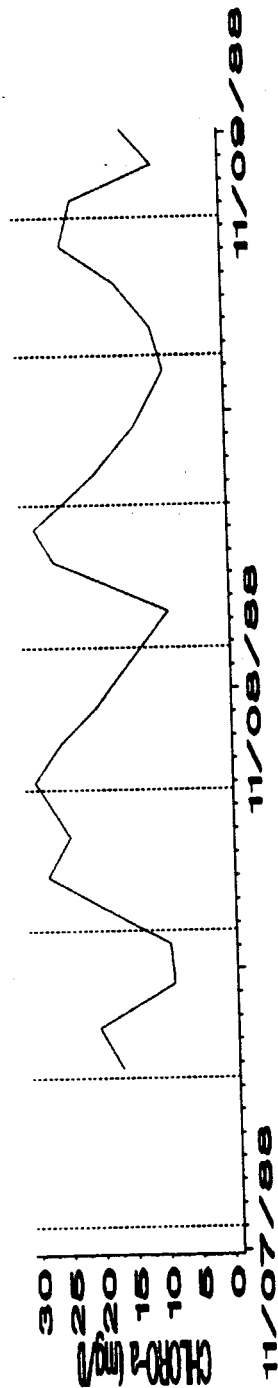


# CHOLRO-a CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

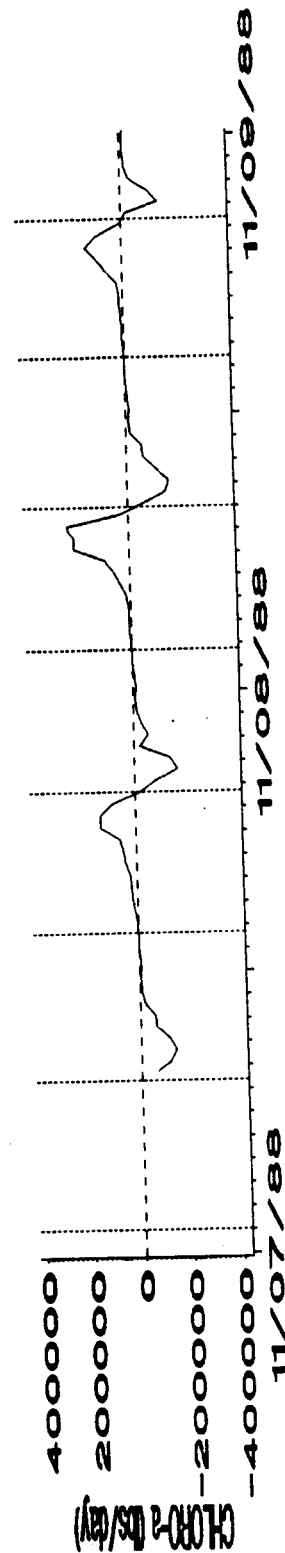
## FLOW



## CONCENTRATION

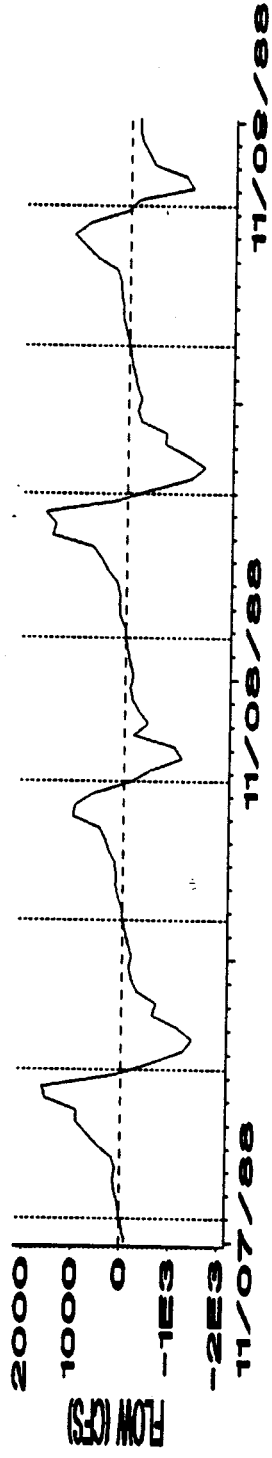


## MASS FLUX

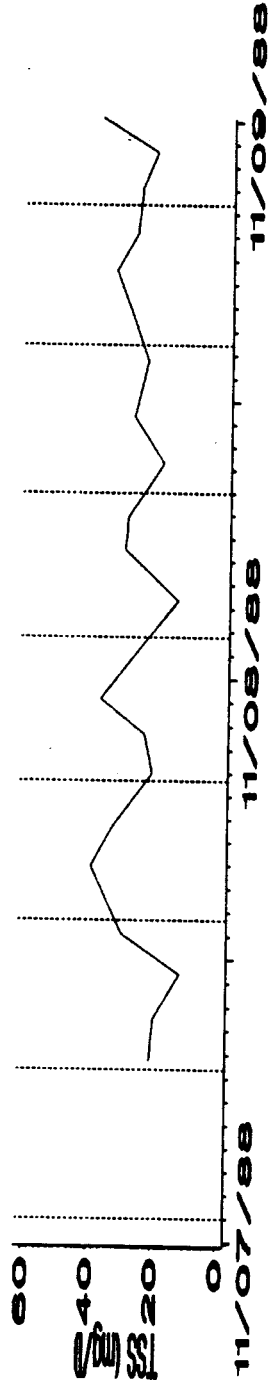


TSS CONCENTRATION AND FLUX DATA - NOVEMBER 1988  
STATION S9 - MILL CREEK AT MOUTH

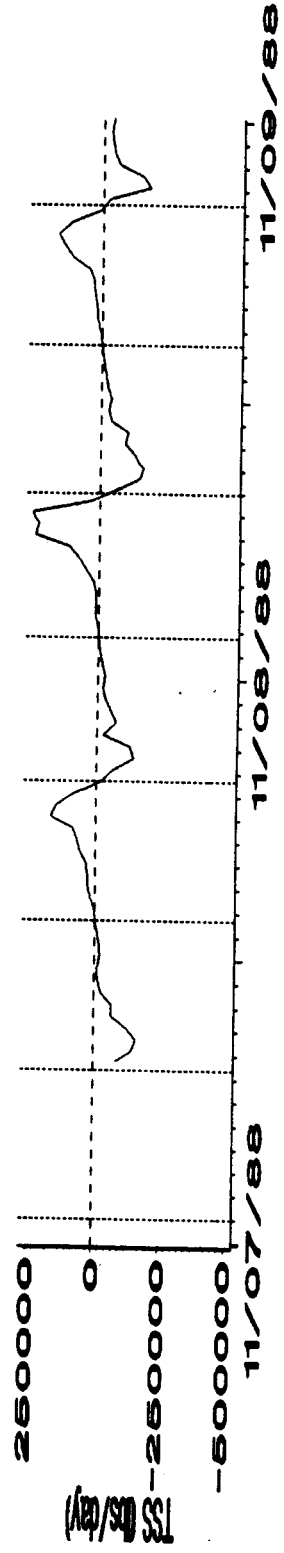
FLOW



CONCENTRATION

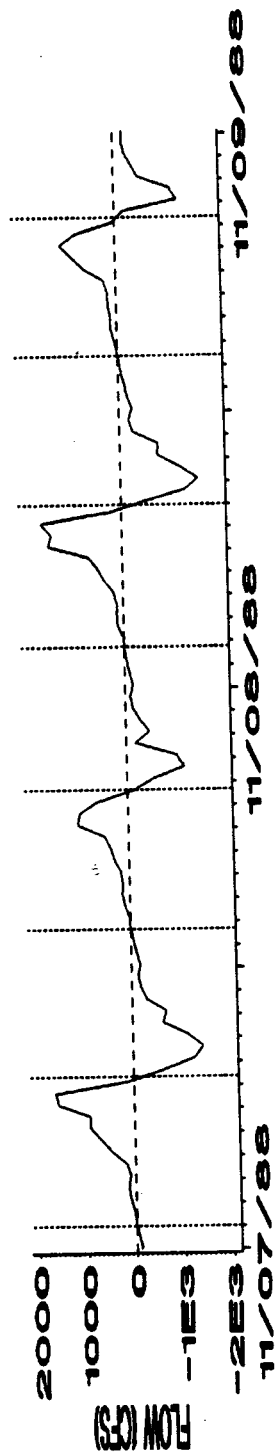


MASS FLUX

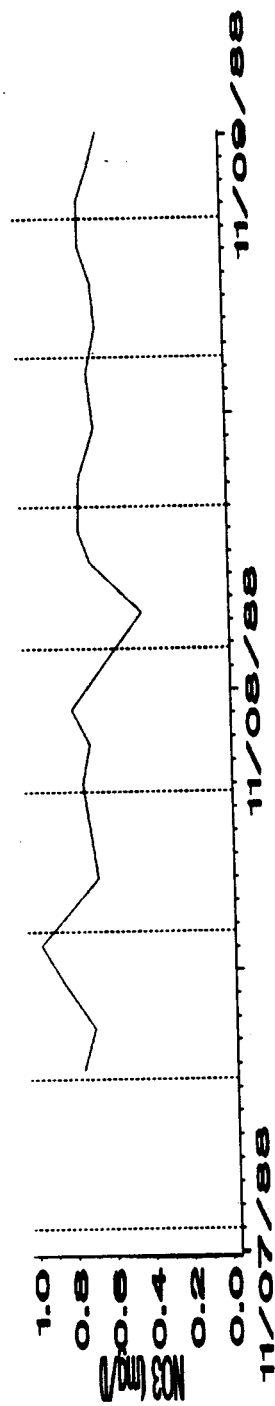


# NITRATE CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

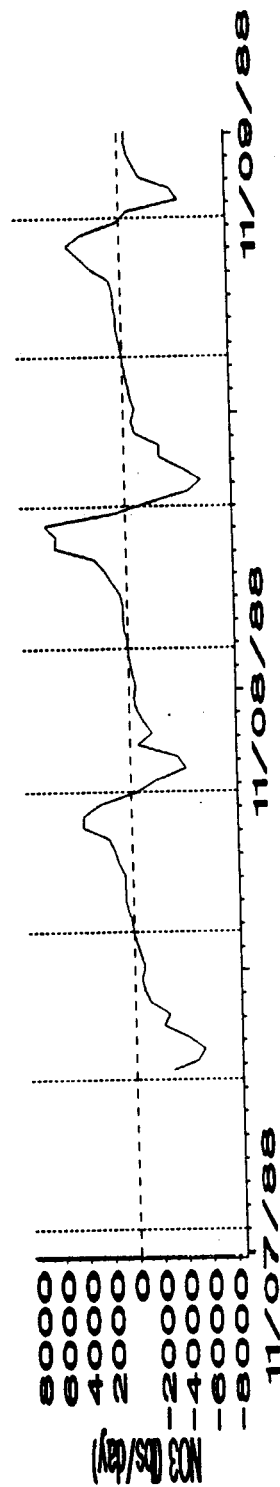
## FLOW



## CONCENTRATION

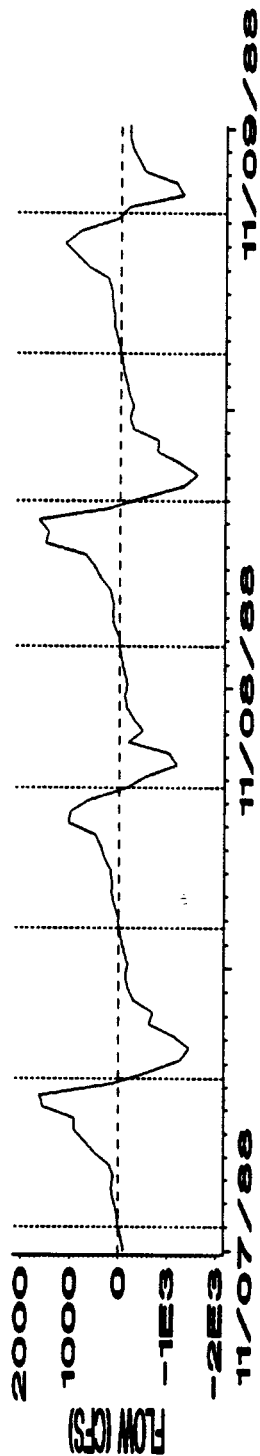


## MASS FLUX

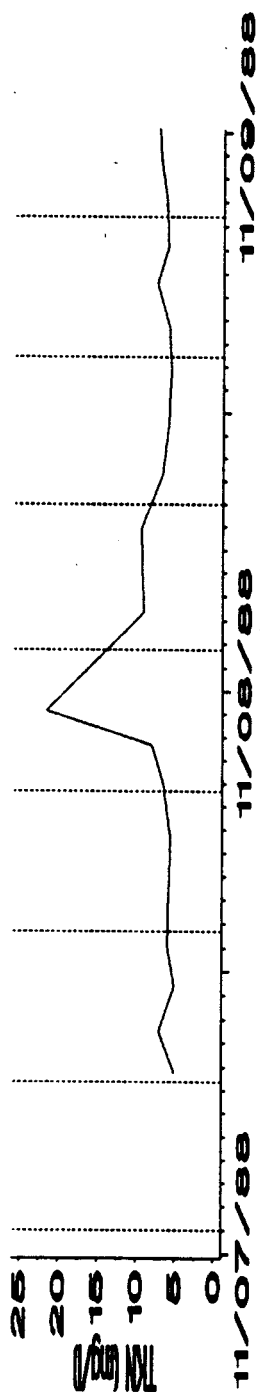


# TKN CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

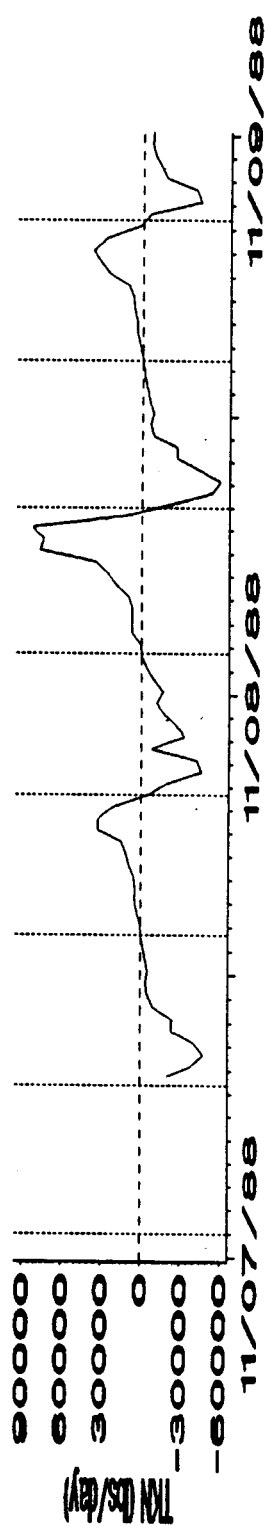
## FLOW



## CONCENTRATION

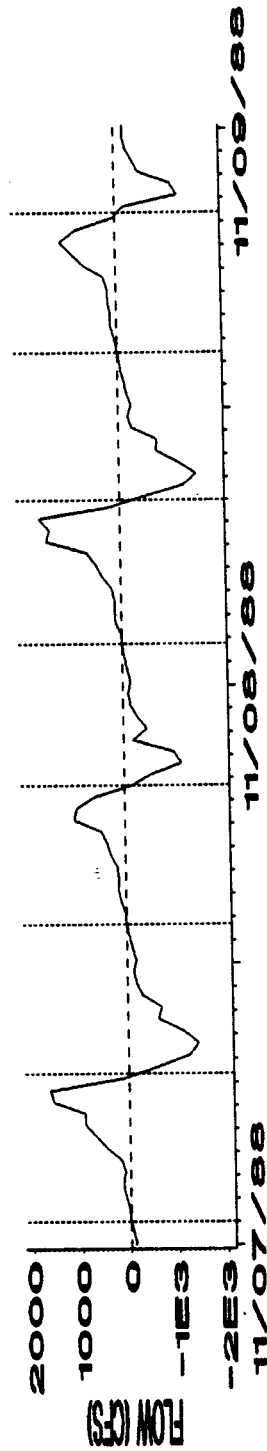


## MASS FLUX

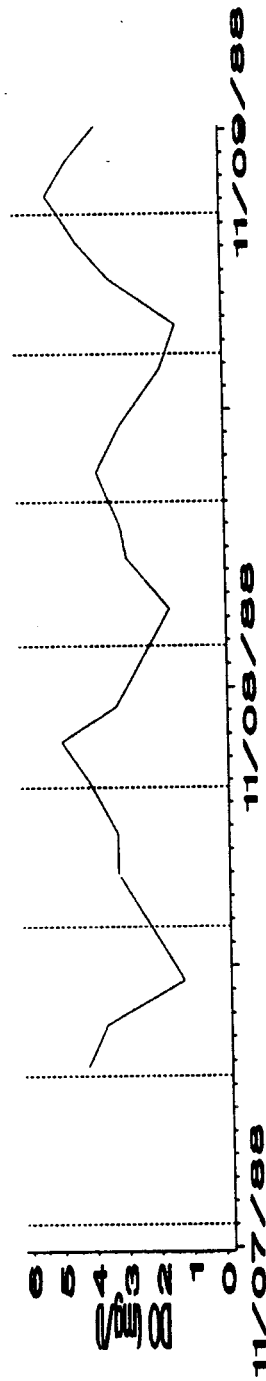


# DO CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

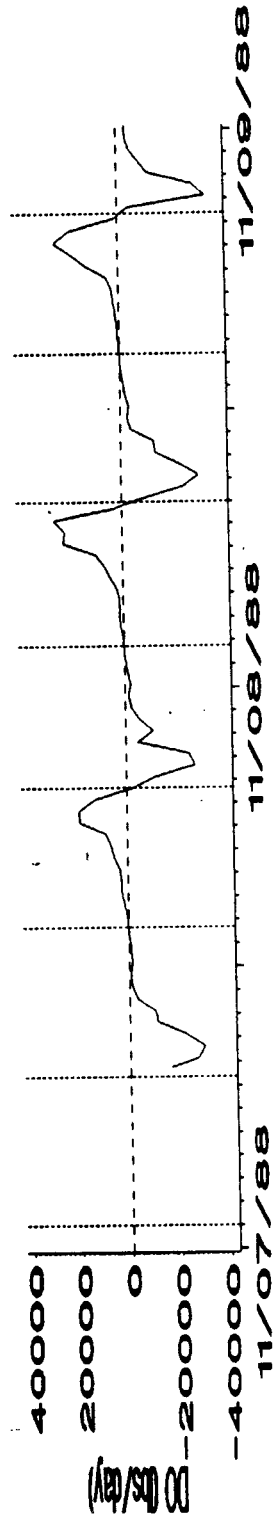
## FLOW



## CONCENTRATION

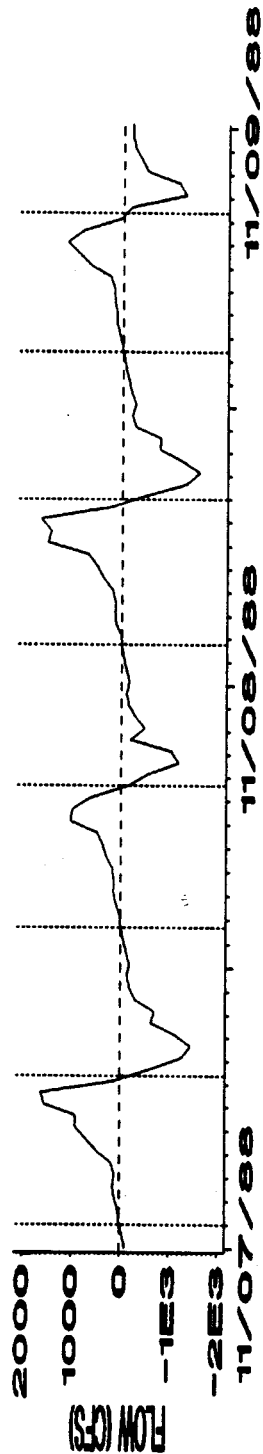


## MASS FLUX

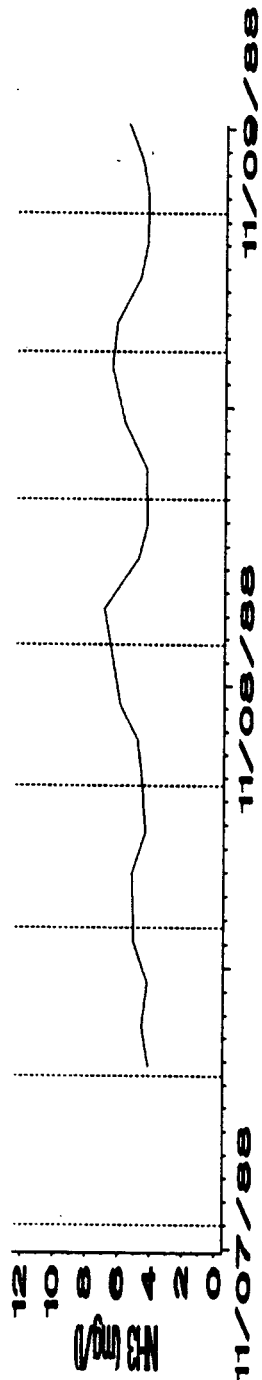


# NH3 CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

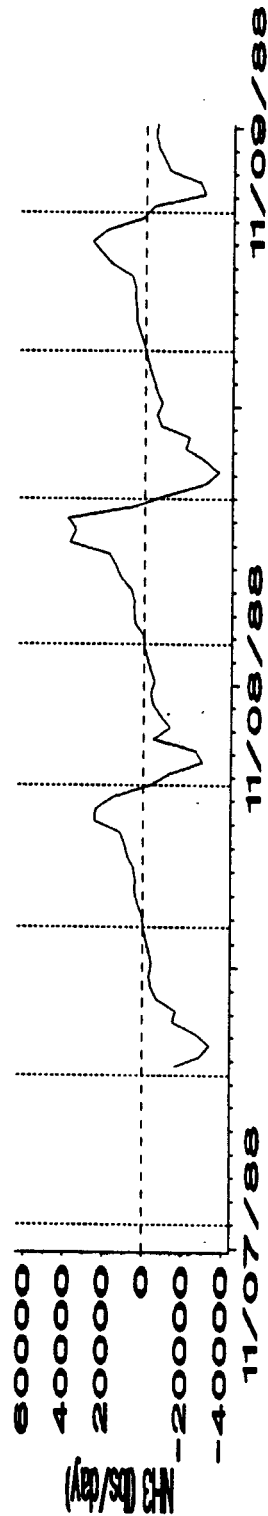
## FLOW



## CONCENTRATION

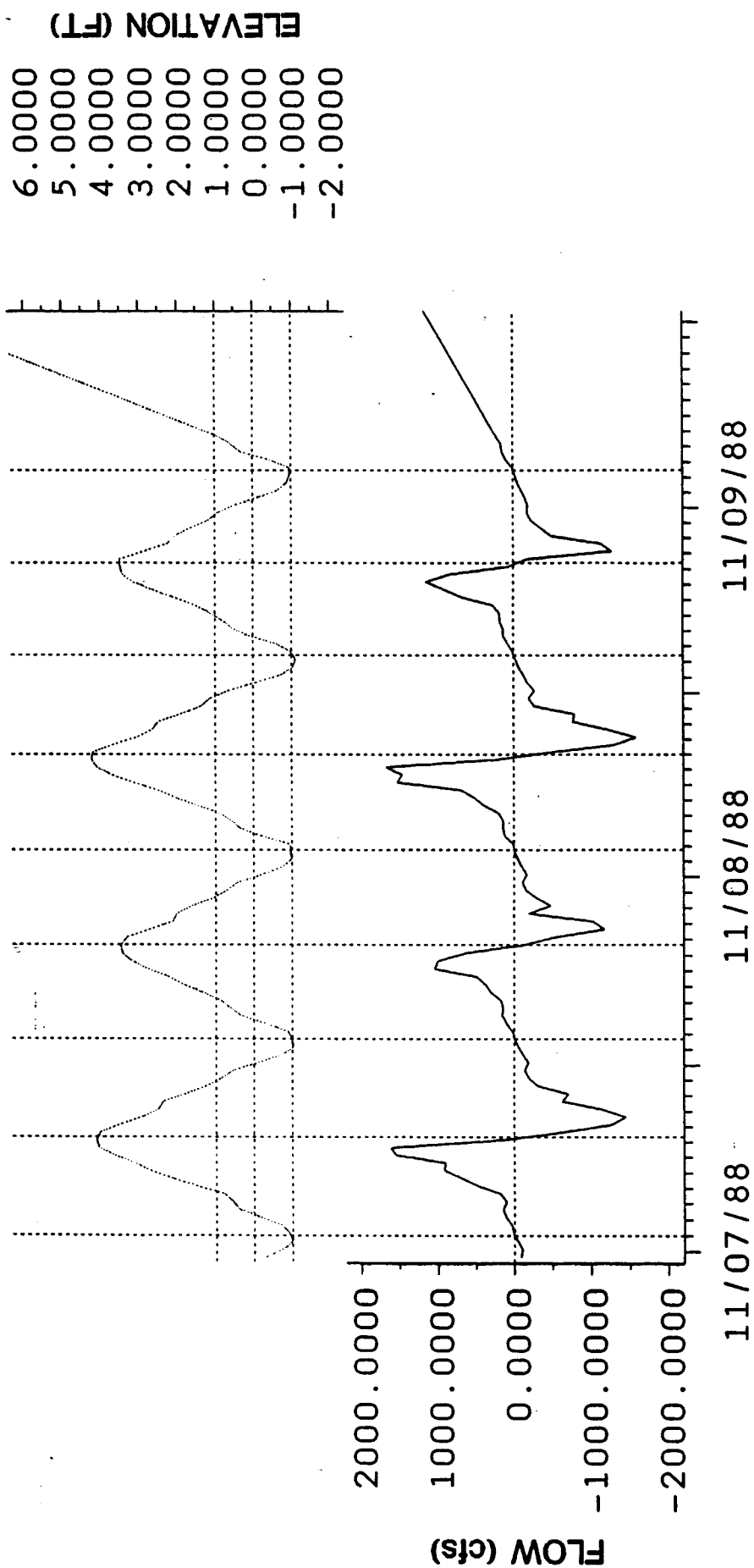


## MASS FLUX



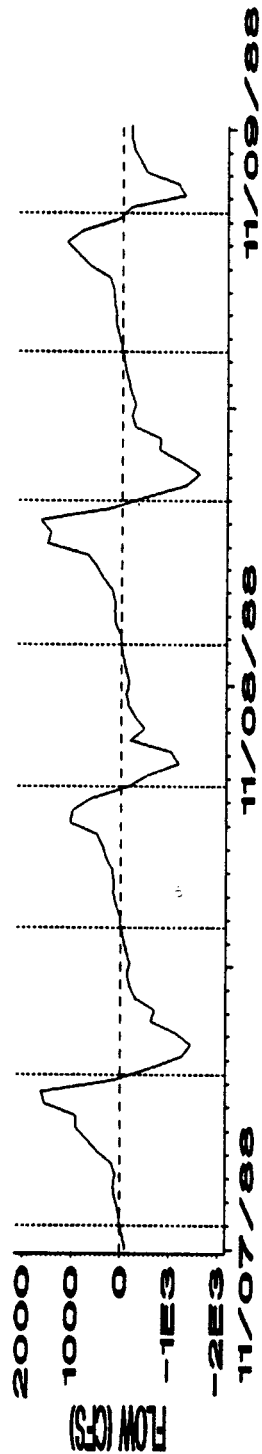


MILL CREEK MOUTH - NOVEMBER 1988 - FLOW VERSUS TIDE

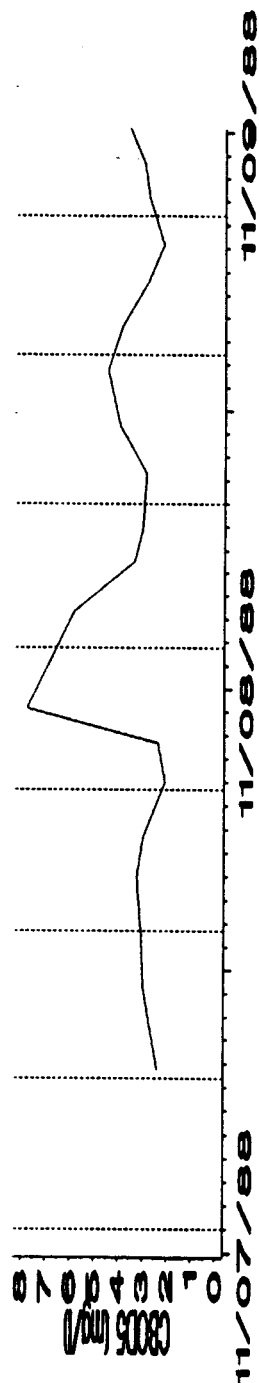


# CBOD5 CONCENTRATION AND FLUX DATA - NOVEMBER 1988 STATION S9 - MILL CREEK AT MOUTH

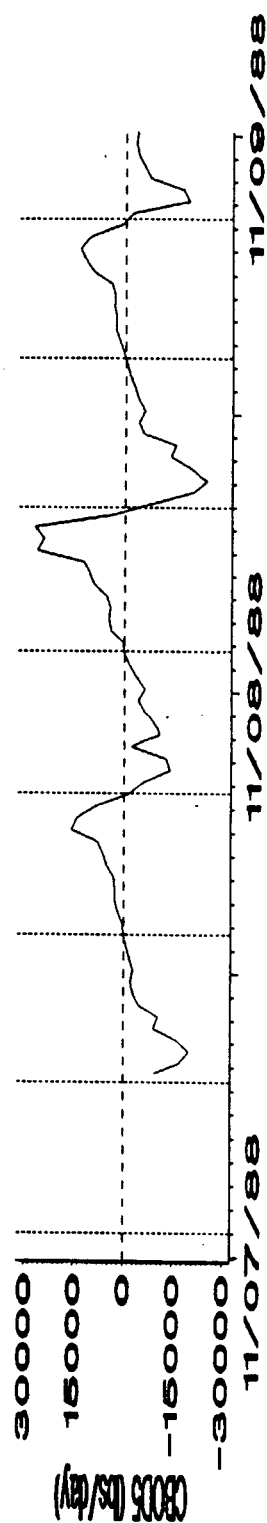
## FLOW



## CONCENTRATION



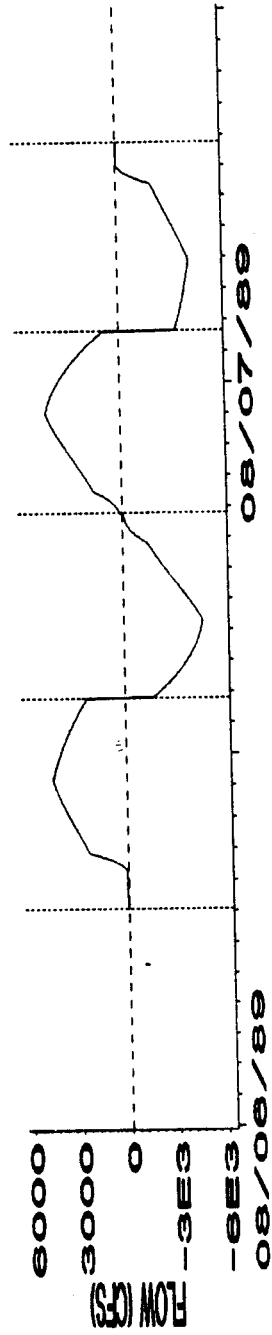
## MASS FLUX



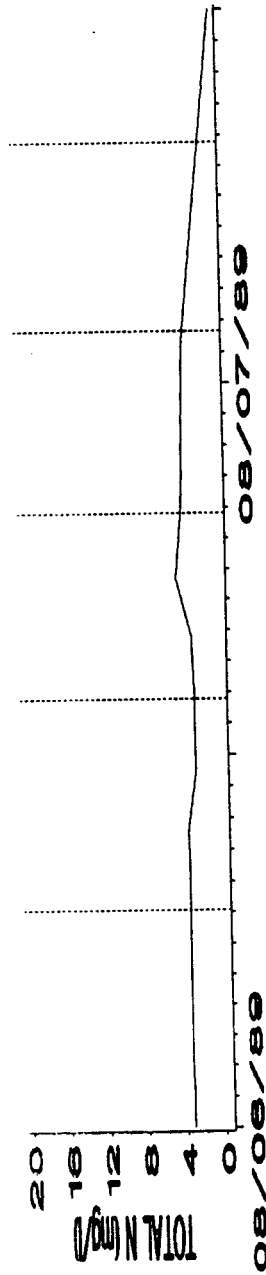
**Appendix A-2-2**  
**Section 4: Figures for Station S9**

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

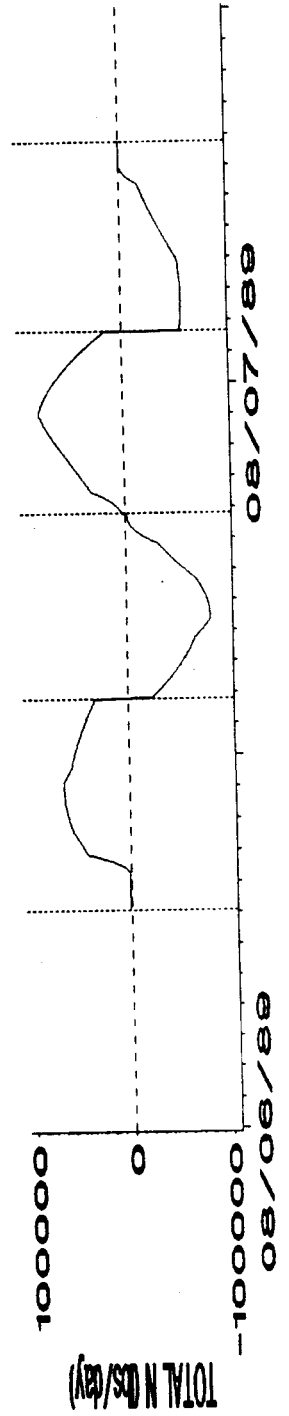
FLOW



CONCENTRATION

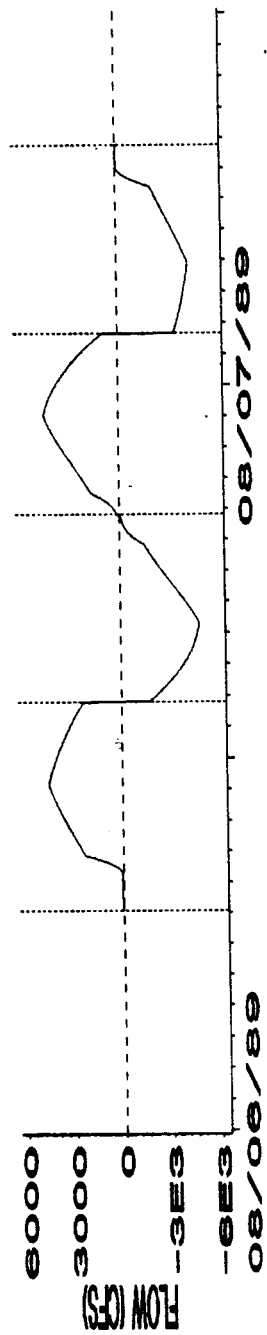


MASS FLUX

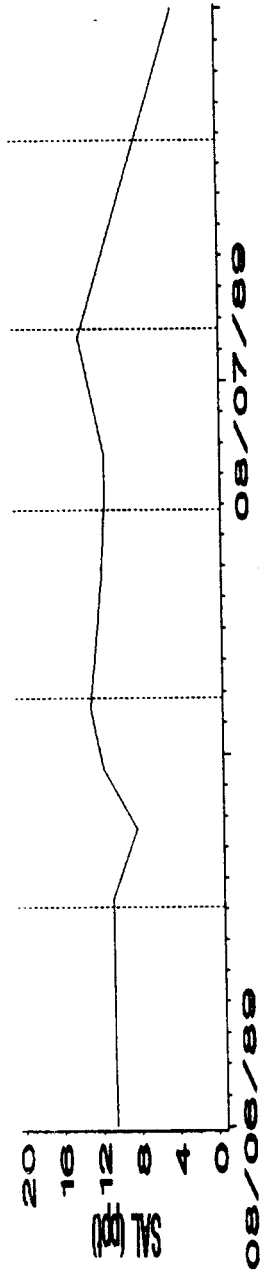


# SALINITY CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

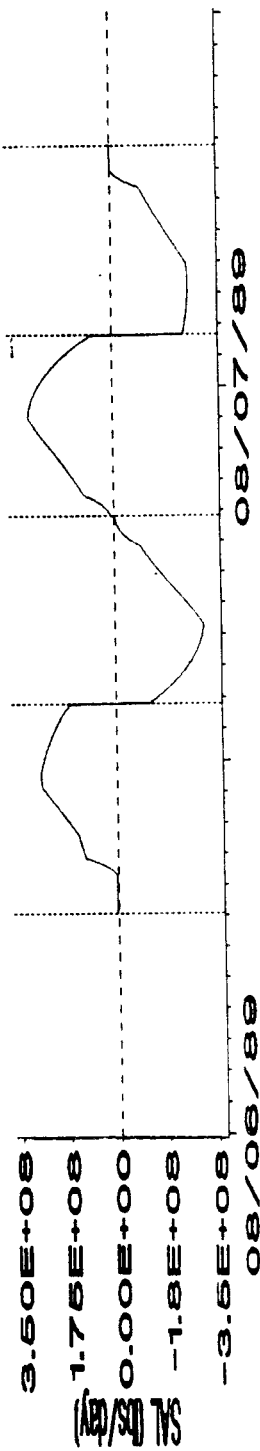
FLOW



CONCENTRATION

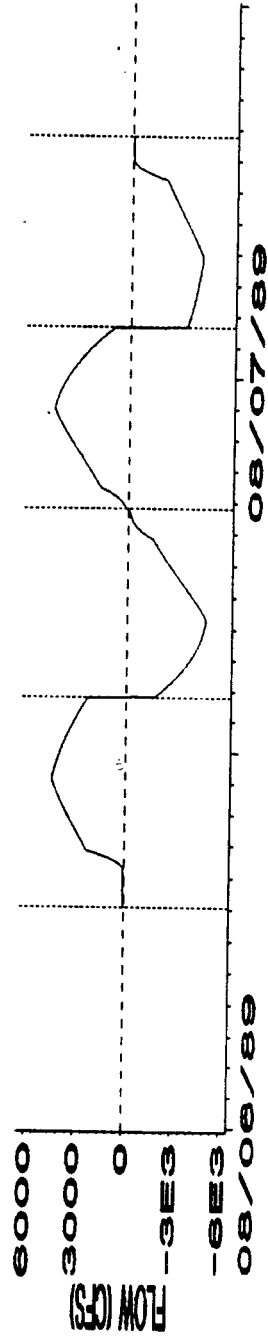


MASS FLUX

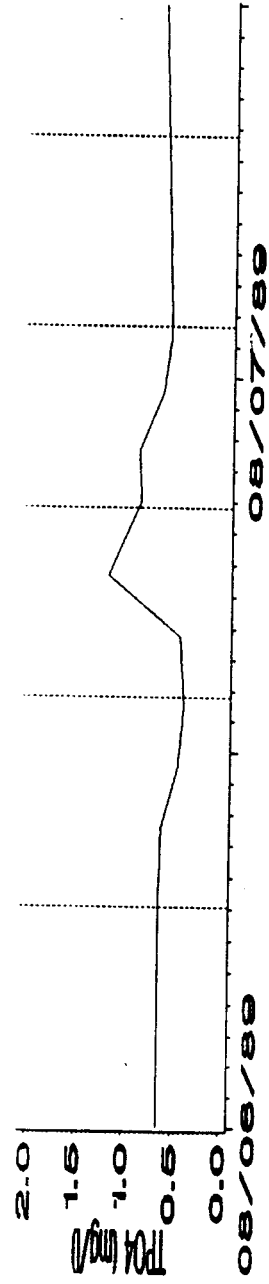


# TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

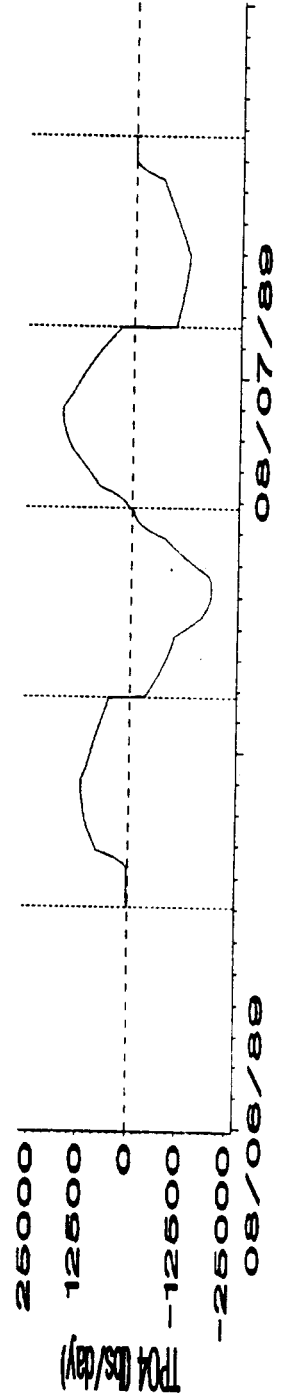
## FLOW



## CONCENTRATION

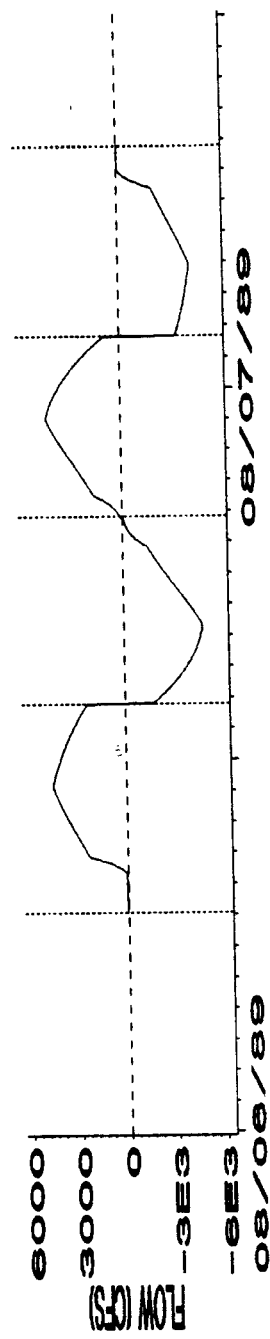


## MASS FLUX

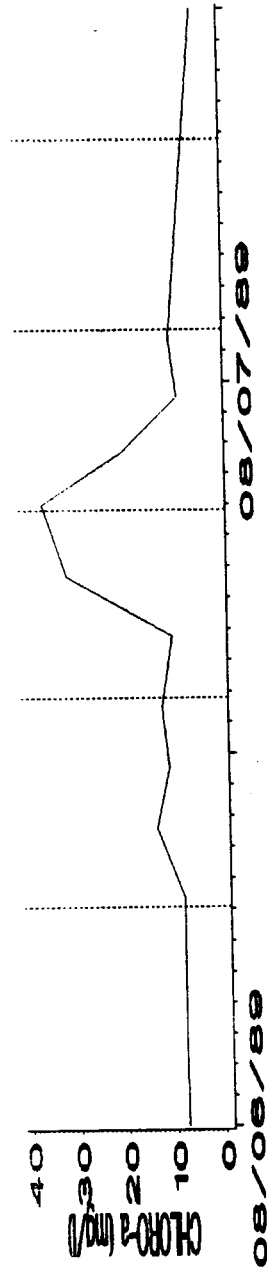


# CHLORO-a CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

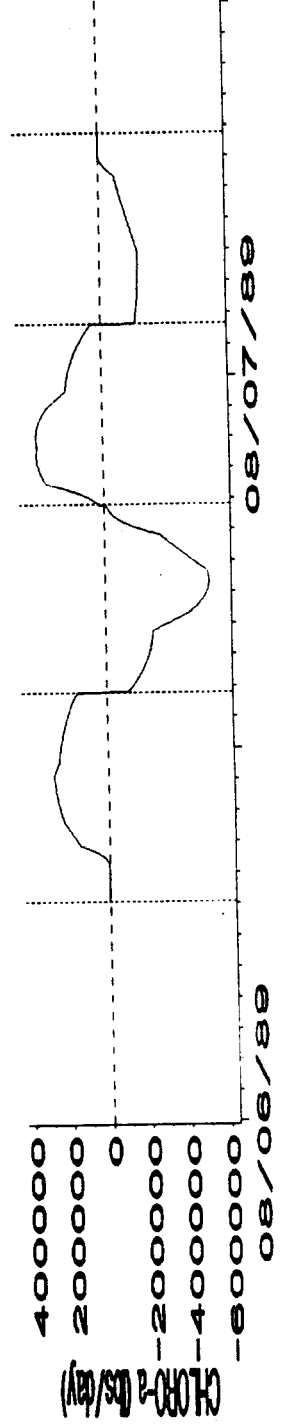
## FLOW



## CONCENTRATION

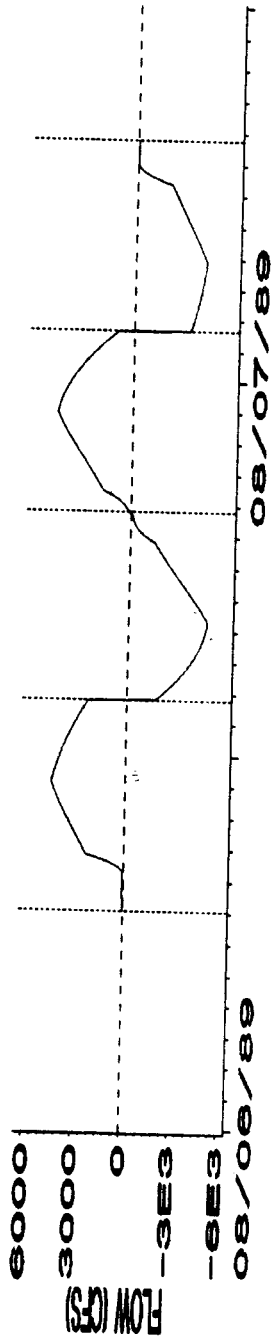


## MASS FLUX

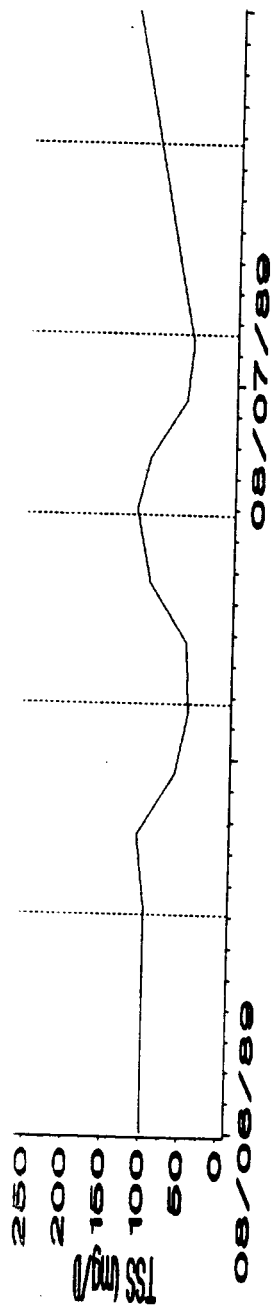


# TSS CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

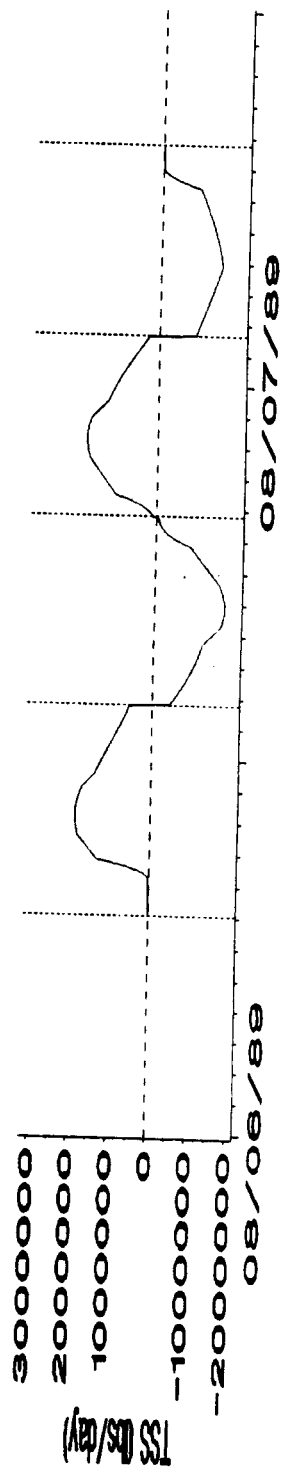
## FLOW



## CONCENTRATION



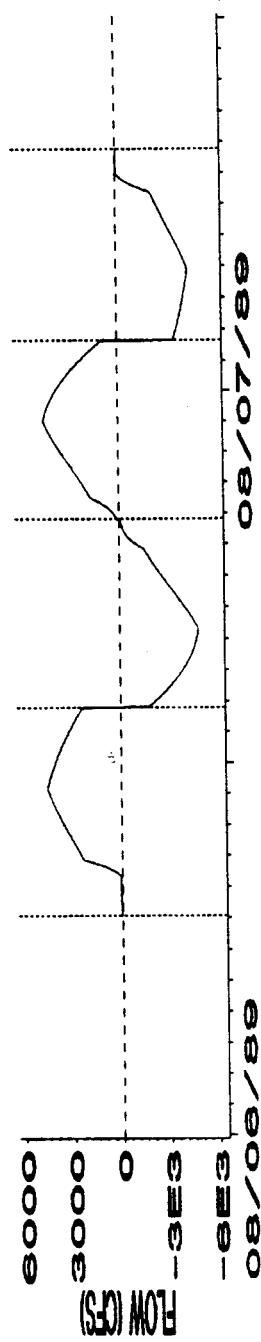
## MASS FLUX



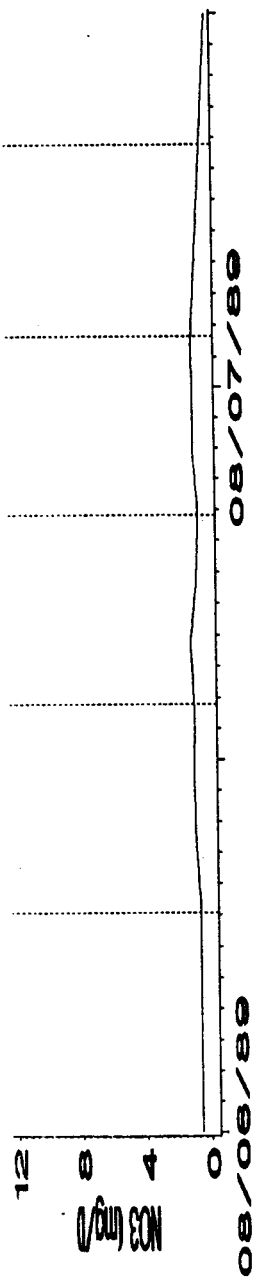


# NITRATE CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

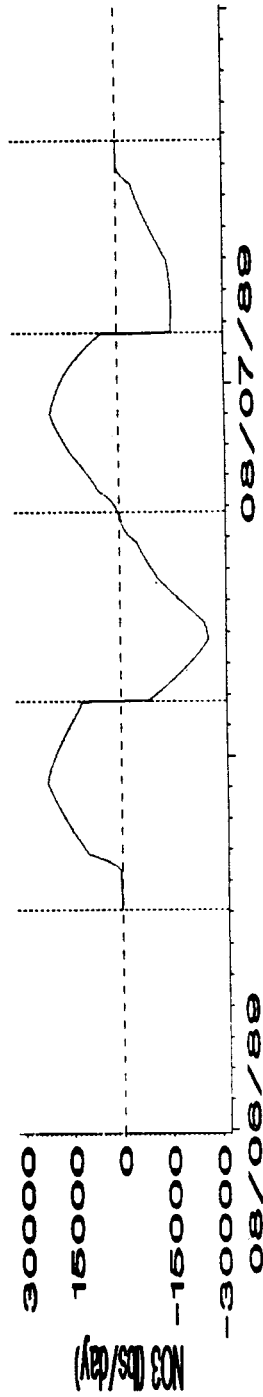
FLOW



CONCENTRATION

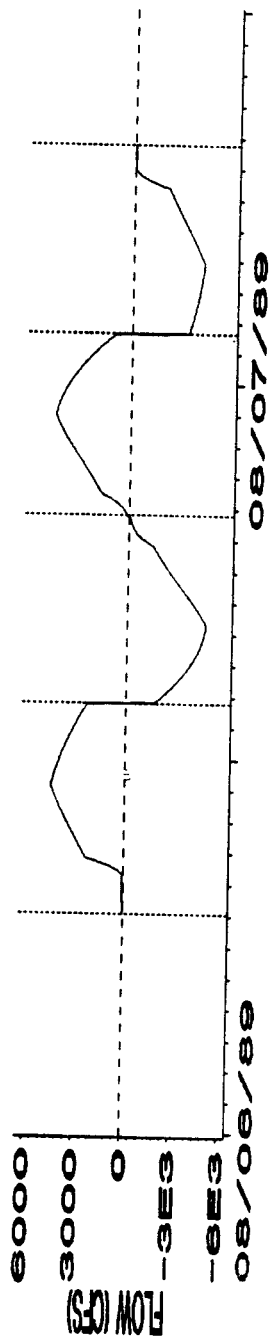


MASS FLUX

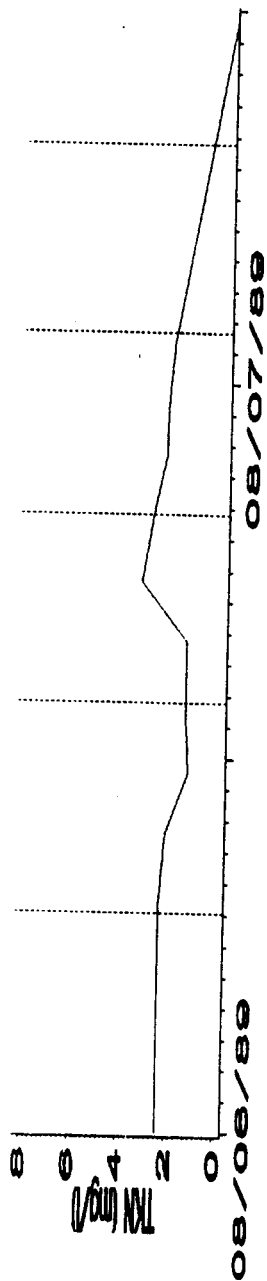


# TKN CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S3 - SAWMILL CREEK AT NJ TURNPIKE

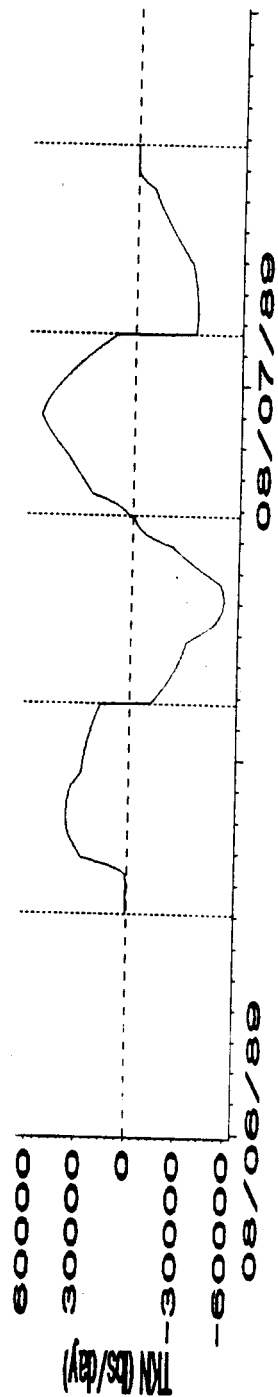
## FLOW



## CONCENTRATION



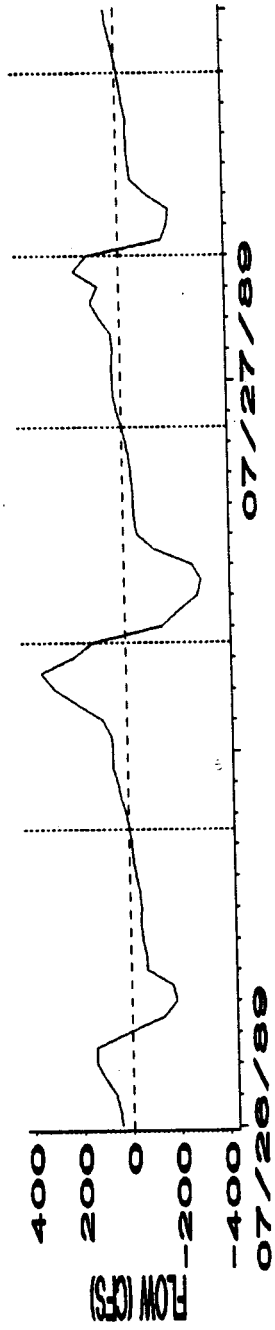
## MASS FLUX



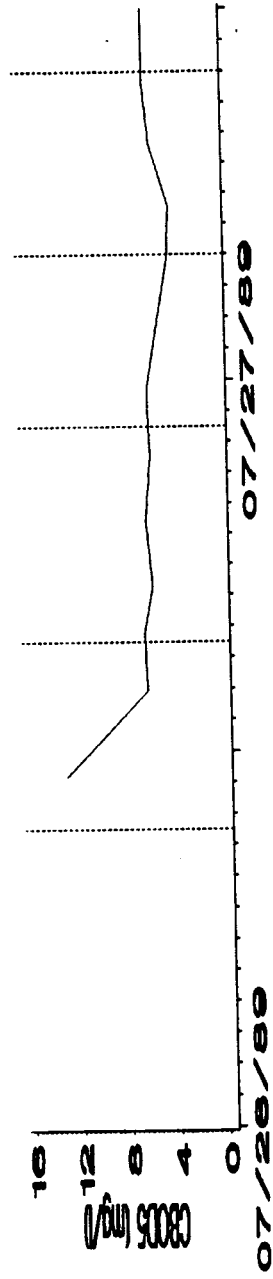
**Appendix A-2-2**  
**Section 5: Figures for Station S9A**

# CBOD5 CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

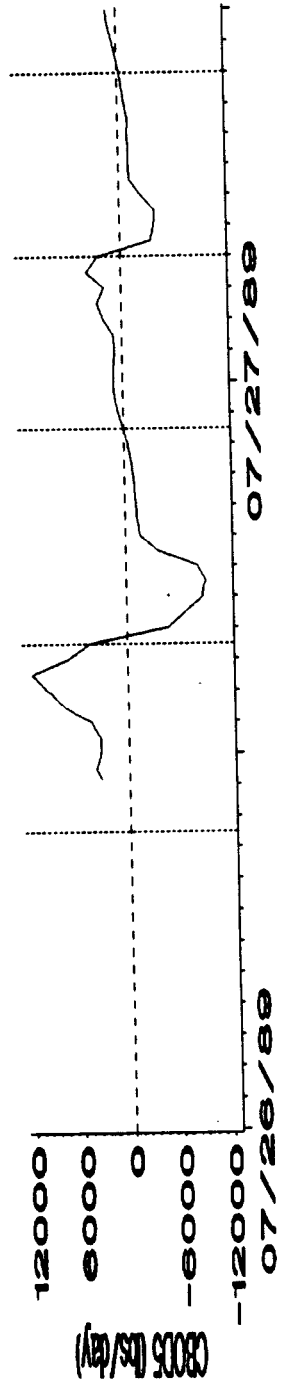
## FLOW



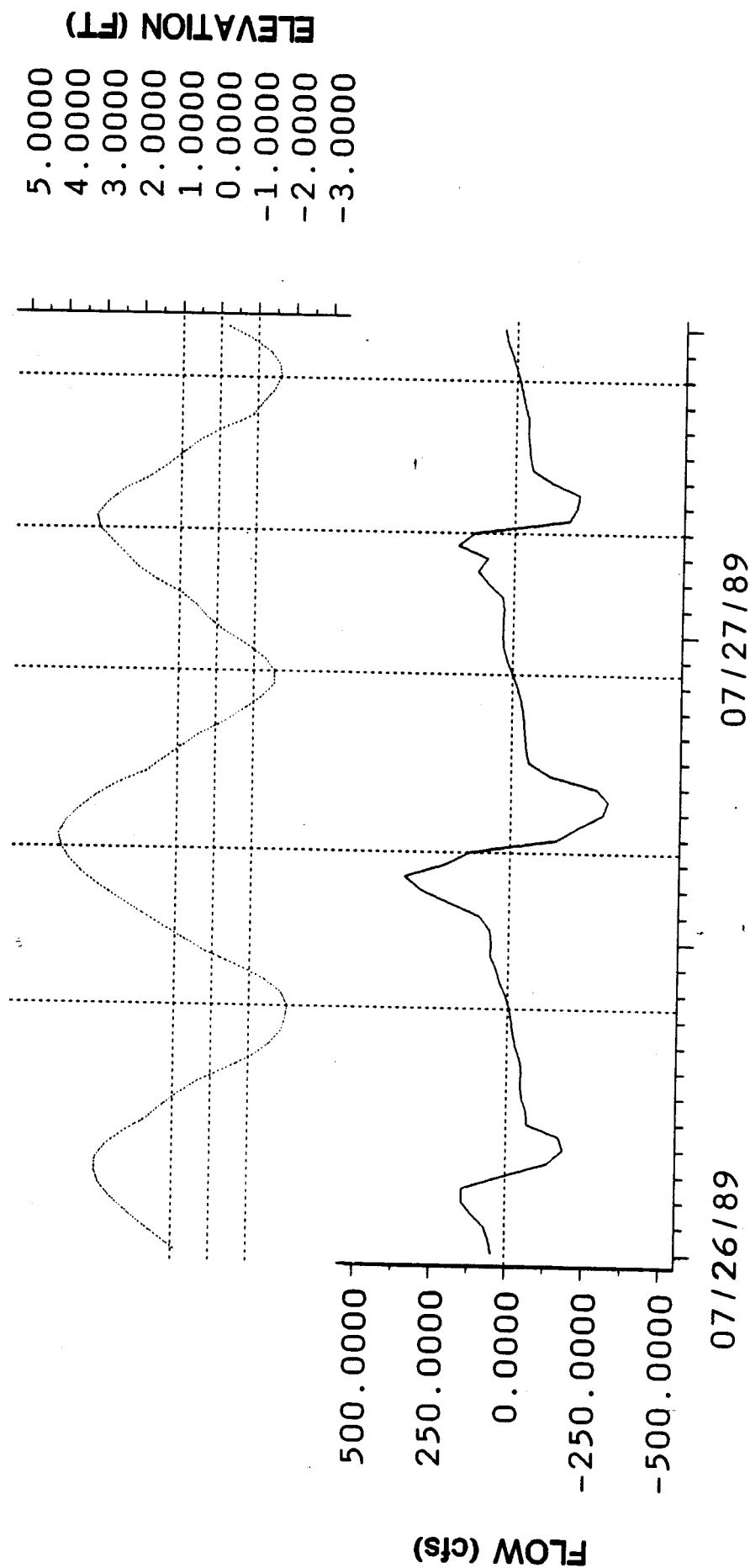
## CONCENTRATION



## MASS FLUX

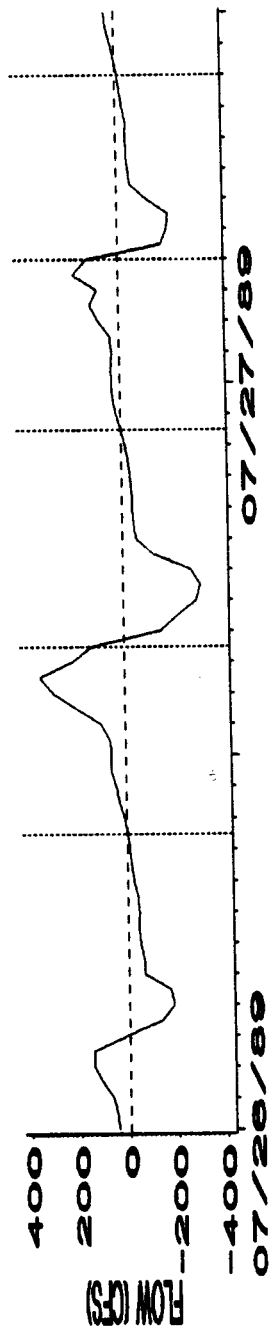


**MILL CREEK AT S9A - JULY 1989 - FLOW VERSUS TIDE  
FLOW MODELLED BY DNM**

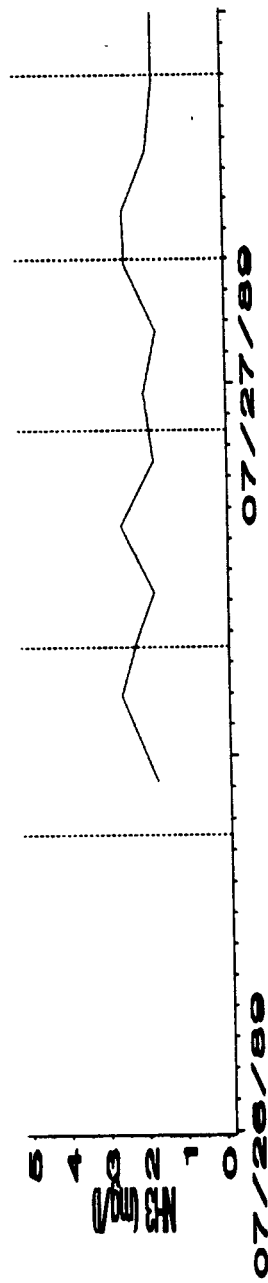


# NH3 CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

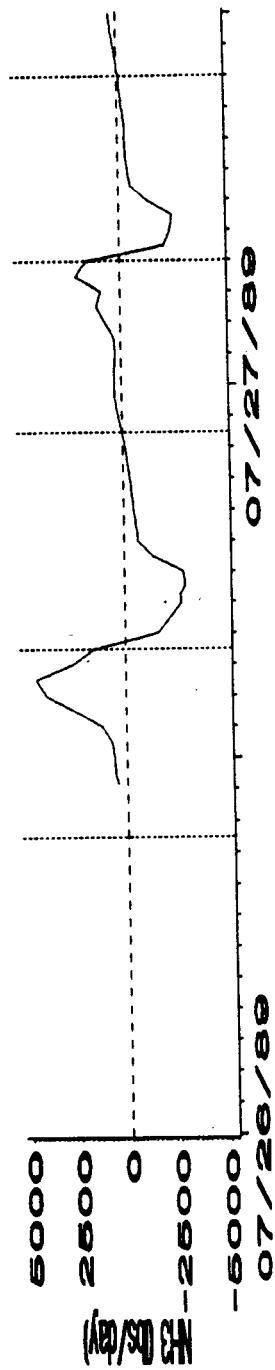
## FLOW



## CONCENTRATION

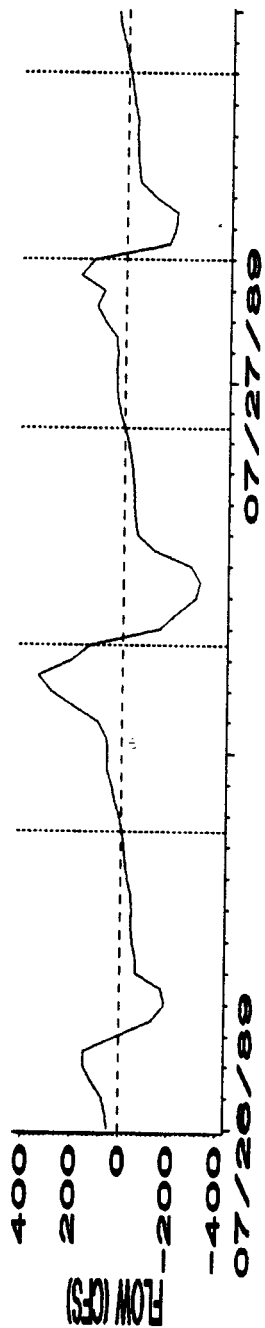


## MASS FLUX

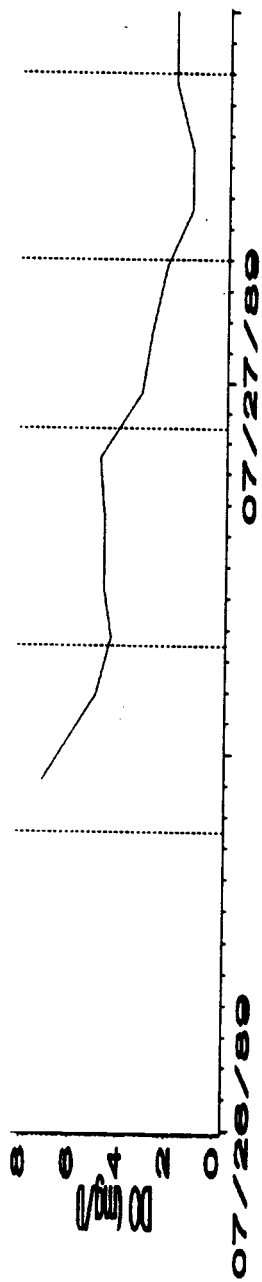


# DO CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

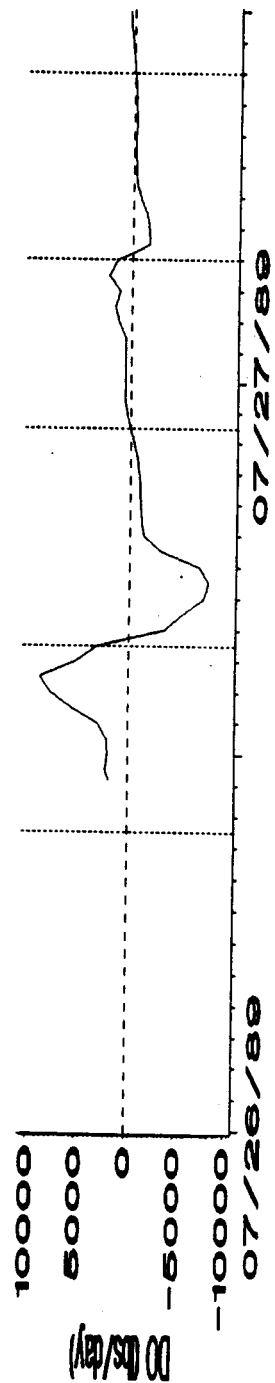
## FLOW



## CONCENTRATION

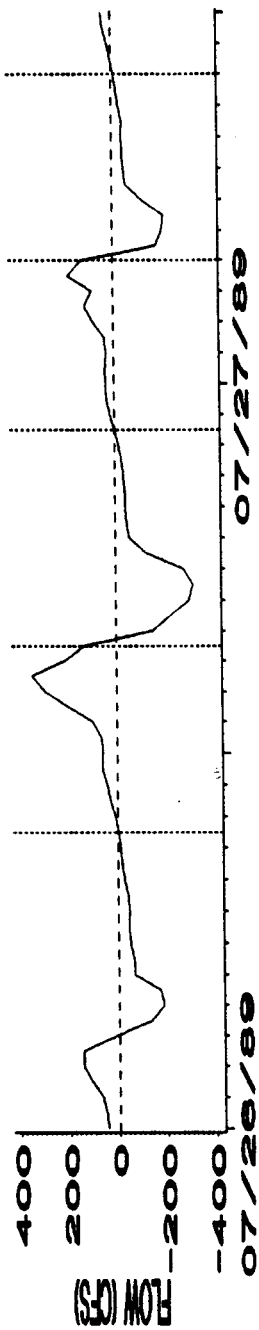


## MASS FLUX

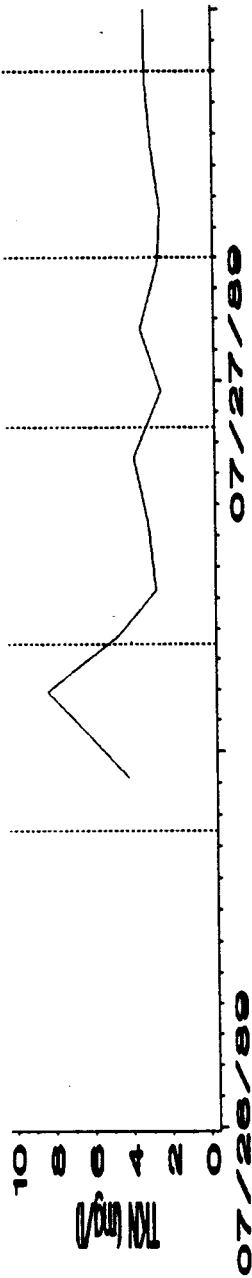


# TKN CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

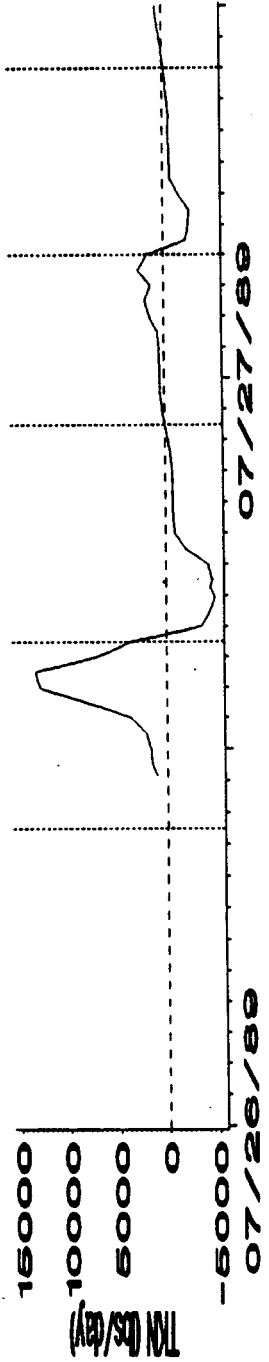
## FLOW



## CONCENTRATION



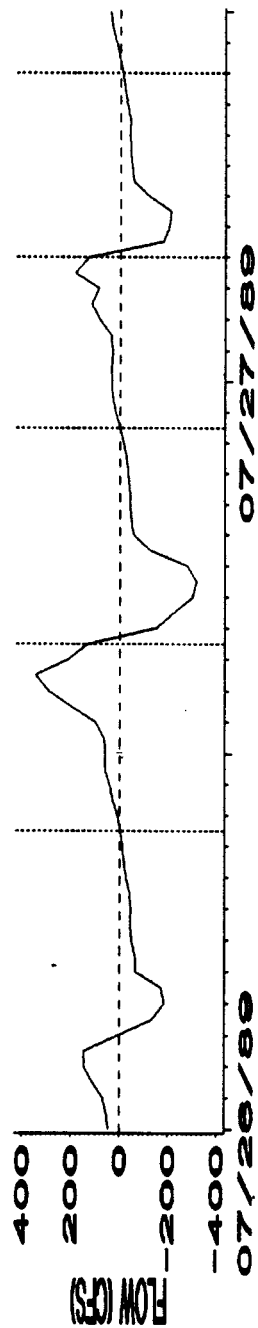
## MASS FLUX



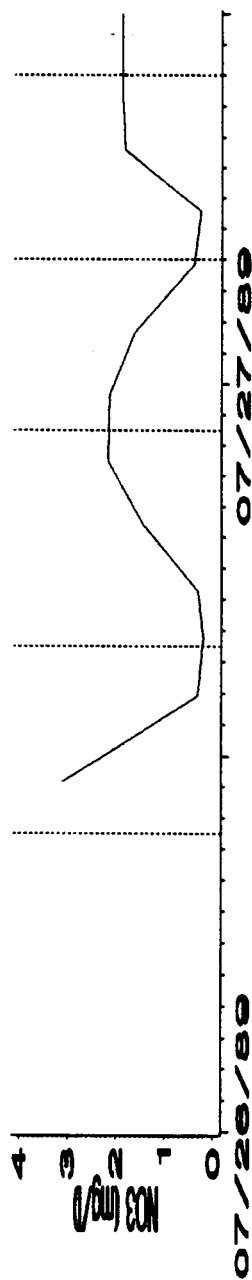


# NITRATE CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

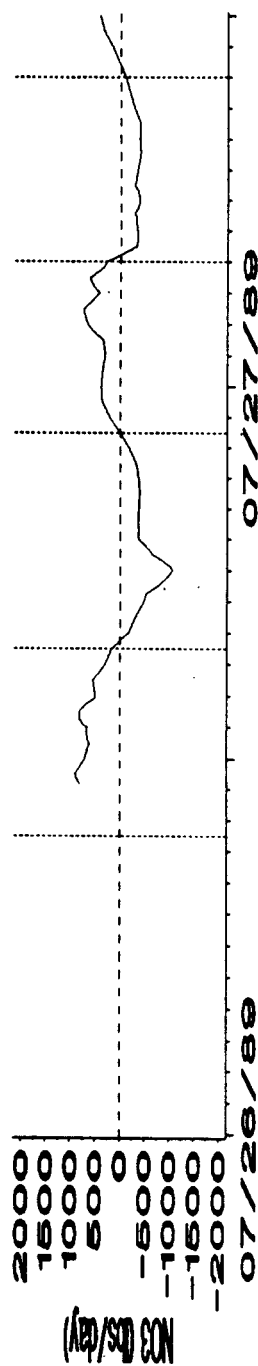
## FLOW



## CONCENTRATION

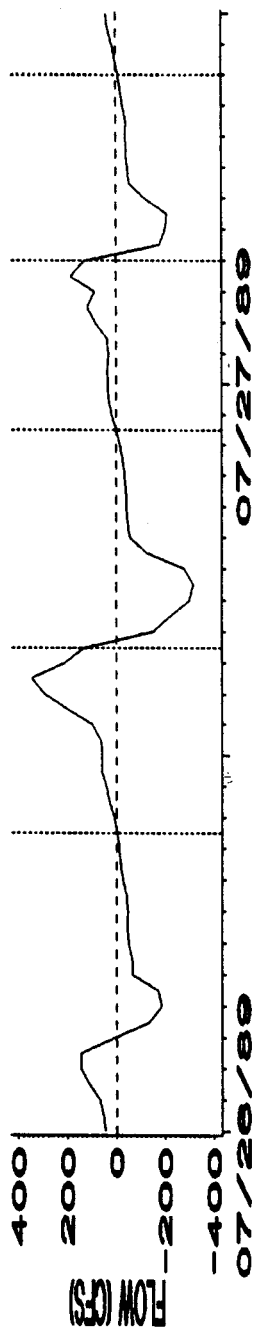


## MASS FLUX

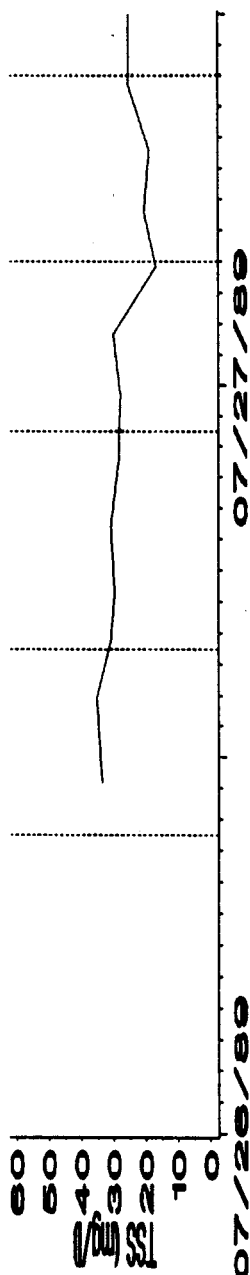


# TSS CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

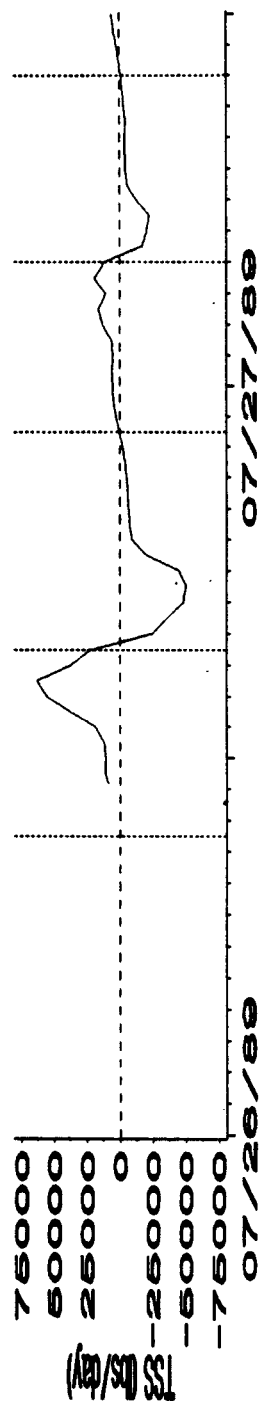
## FLOW



## CONCENTRATION

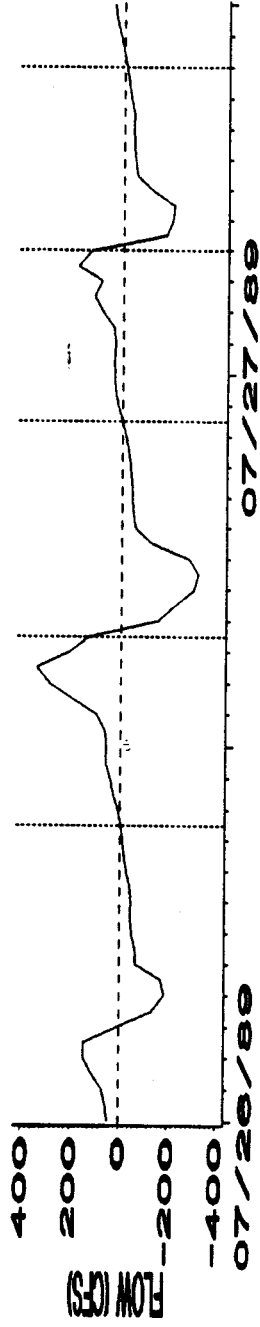


## MASS FLUX

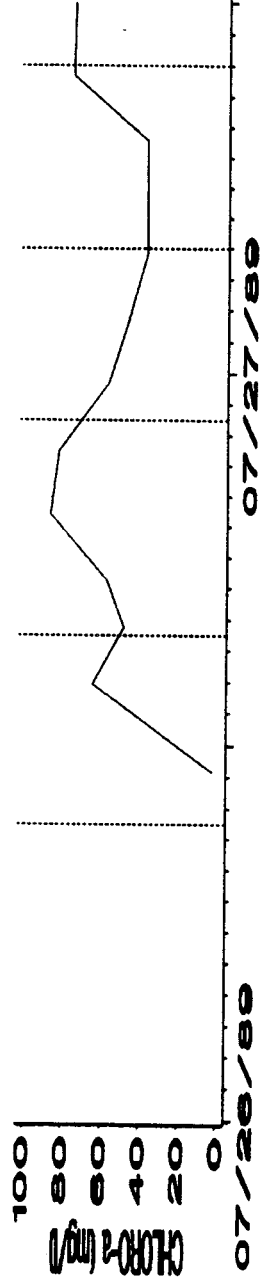


# CHOLRO-a CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

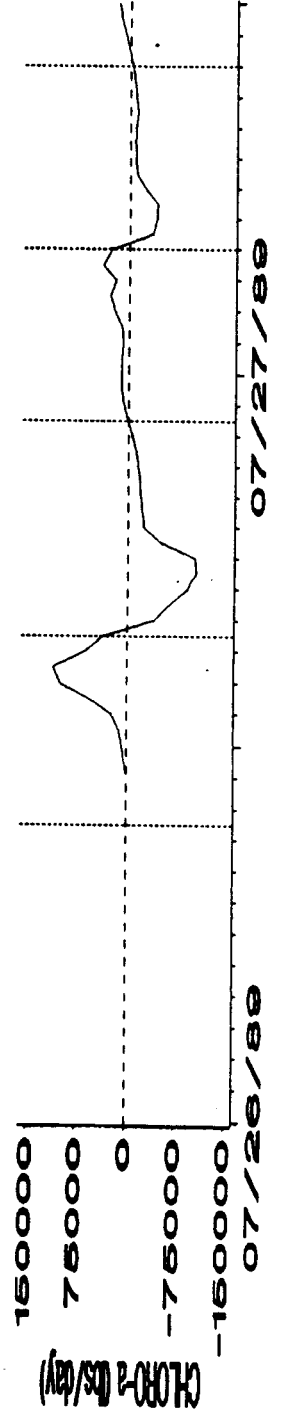
## FLOW



## CONCENTRATION

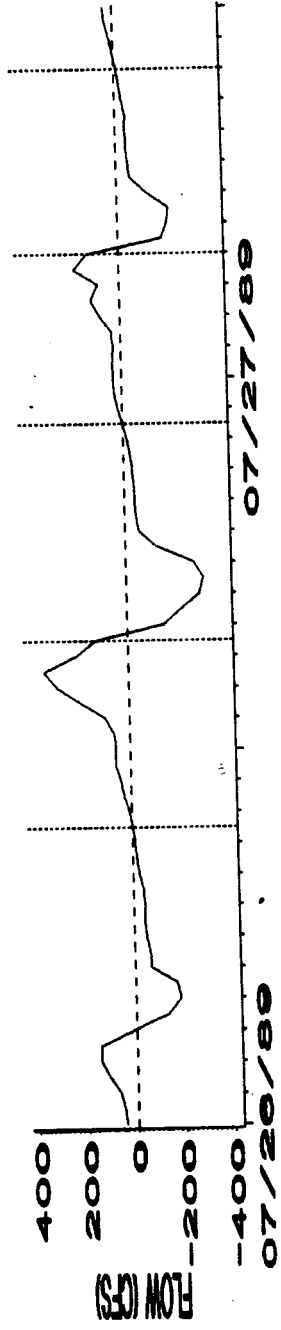


## MASS FLUX

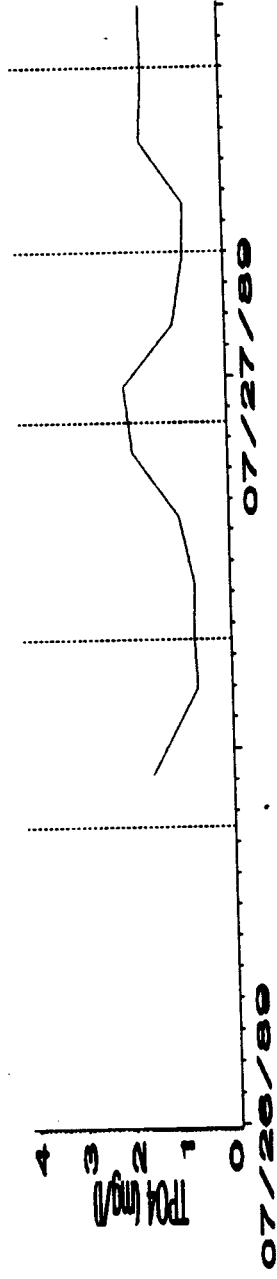


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - JULY 1989  
STATION S9A - MILL CREEK DOWNSTREAM OF STP

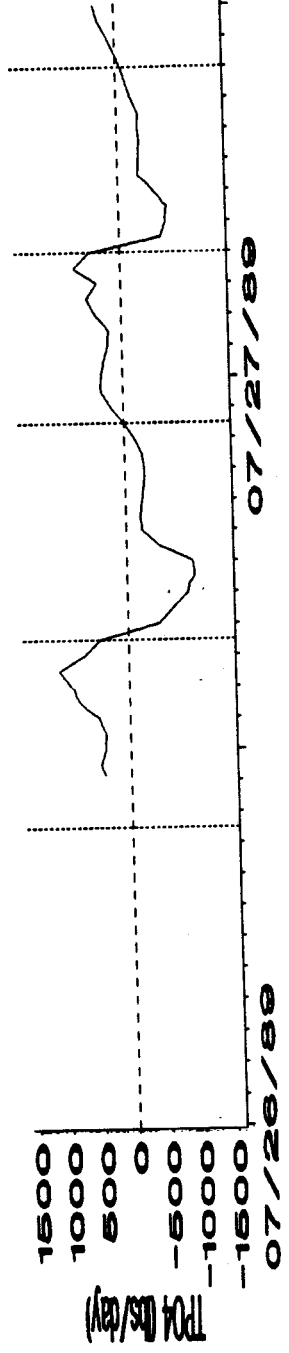
FLOW



CONCENTRATION

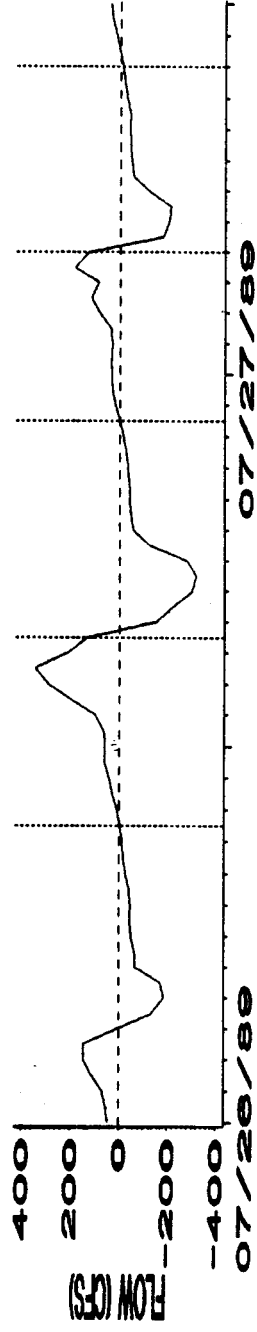


MASS FLUX

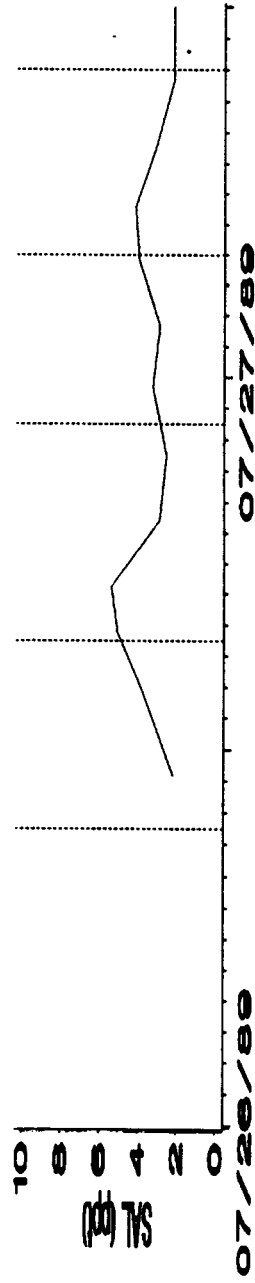


# SALINITY CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

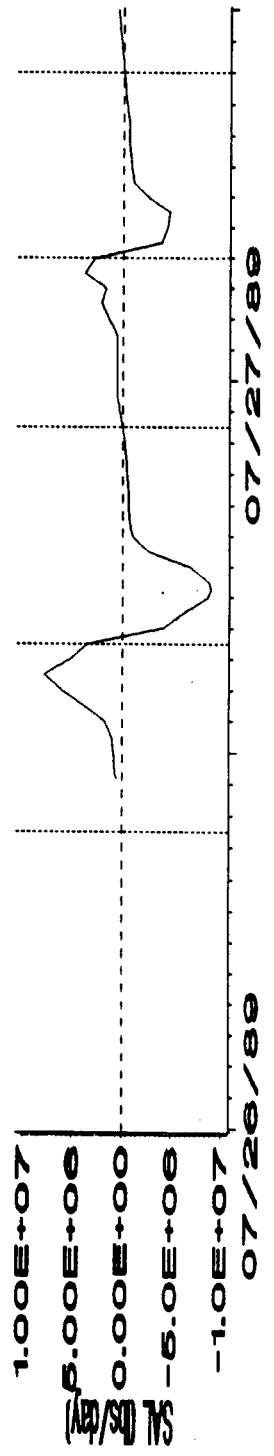
## FLOW



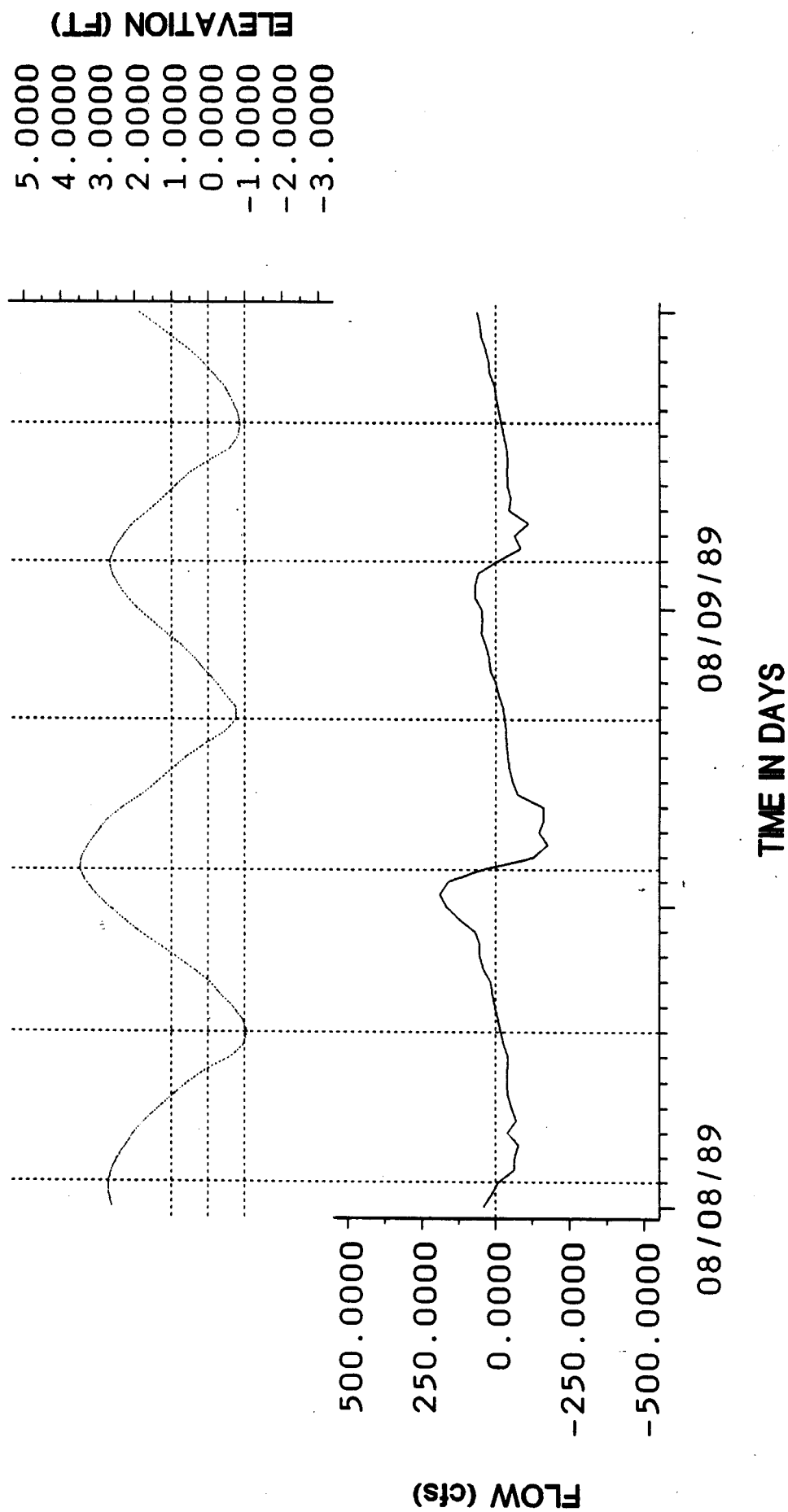
## CONCENTRATION



## MASS FLUX

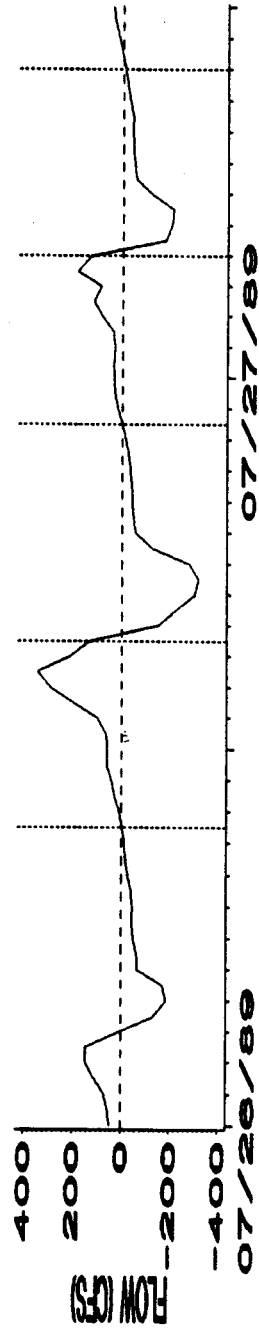


MILL CREEK AT S9A - AUGUST 1989 - FLOW VERSUS TIDE  
FLOW MODELLED BY DNM

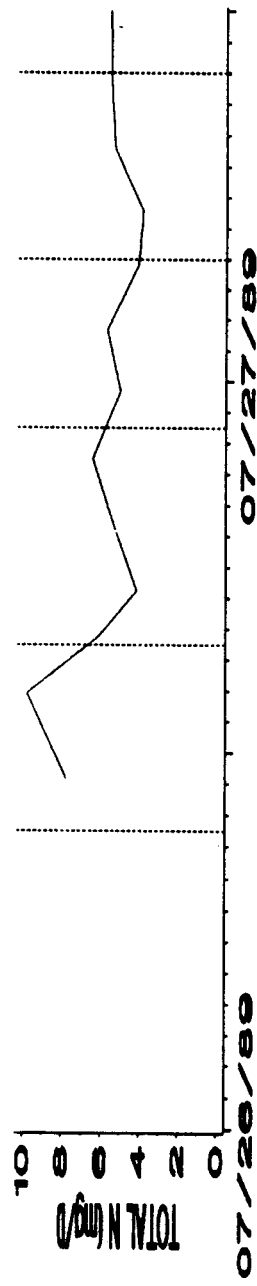


# TOTAL NITROGEN CONCENTRATION AND FLUX DATA - JULY 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

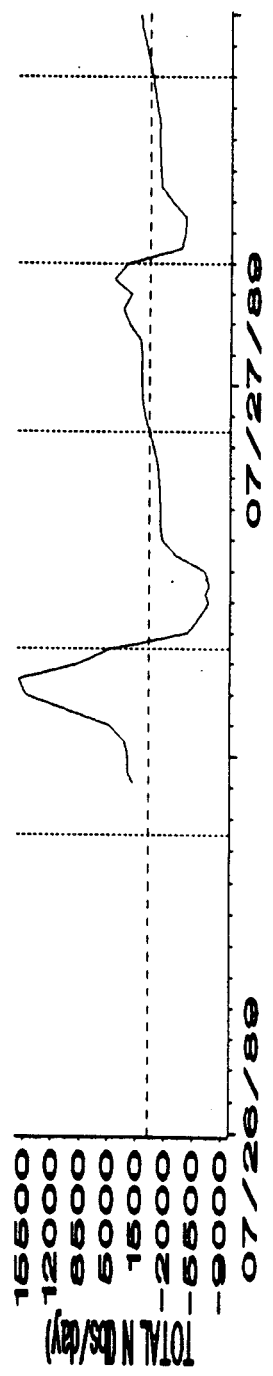
## FLOW



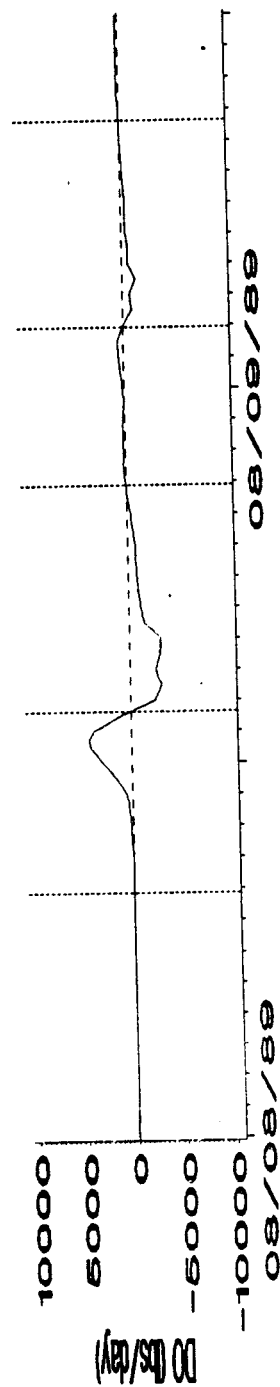
## CONCENTRATION



## MASS FLUX



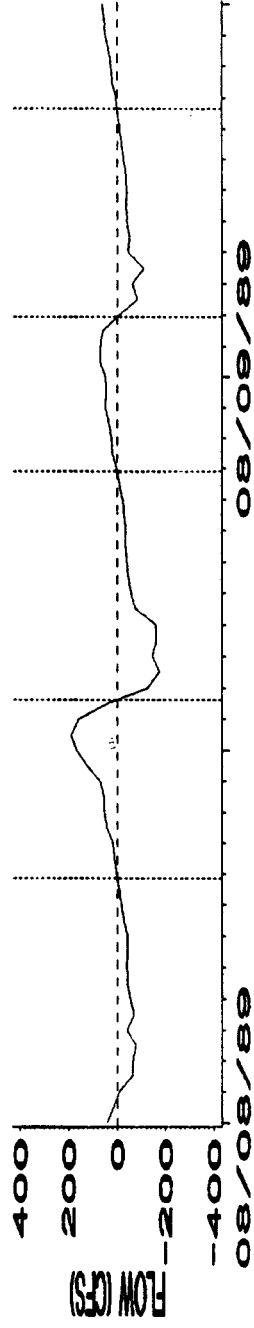
**FLOW**



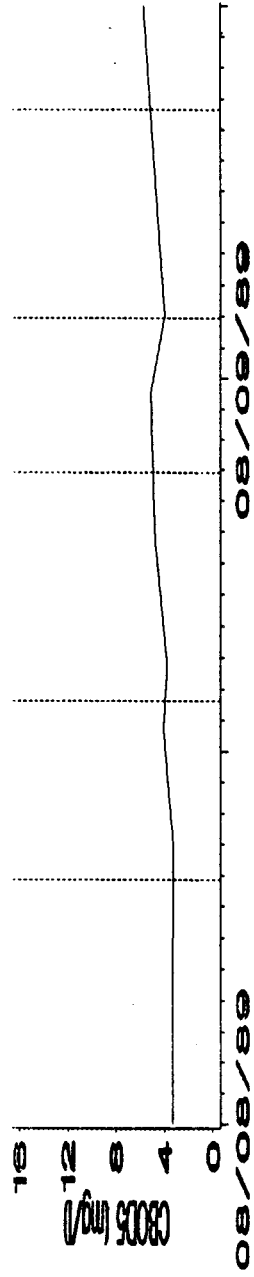


# CBOD5 CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

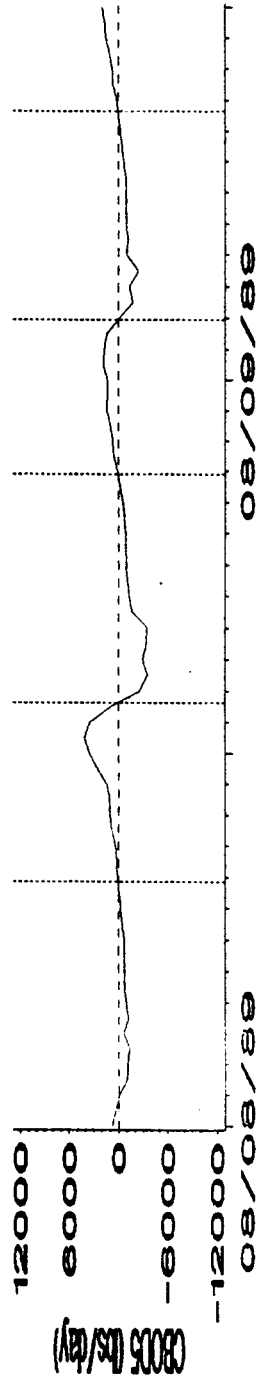
## FLOW



## CONCENTRATION

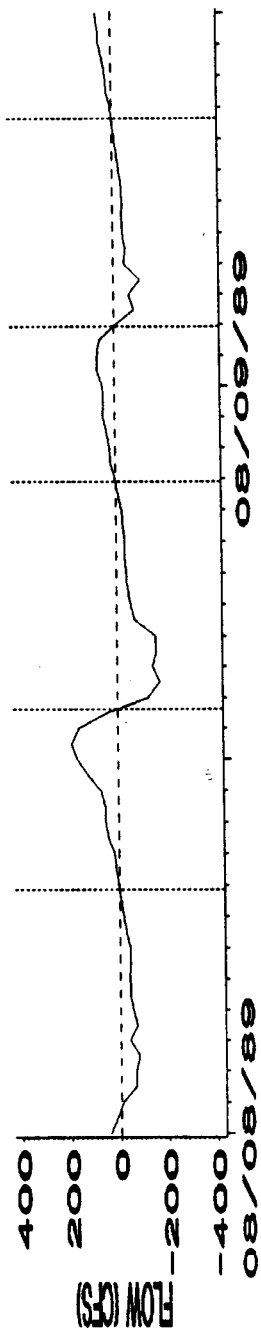


## MASS FLUX

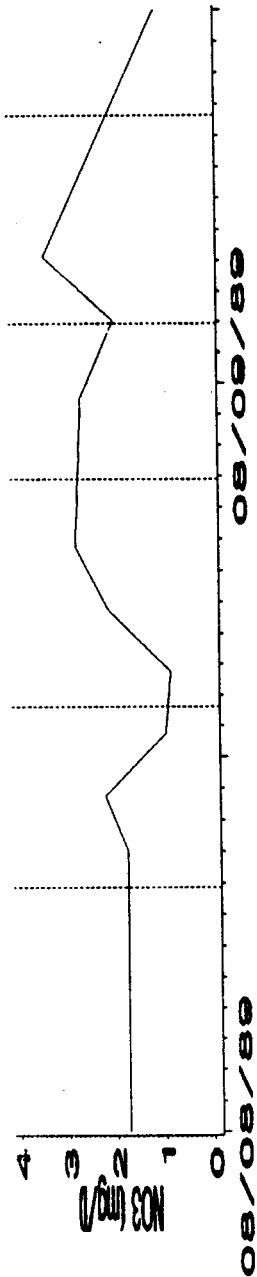


# NITRATE CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

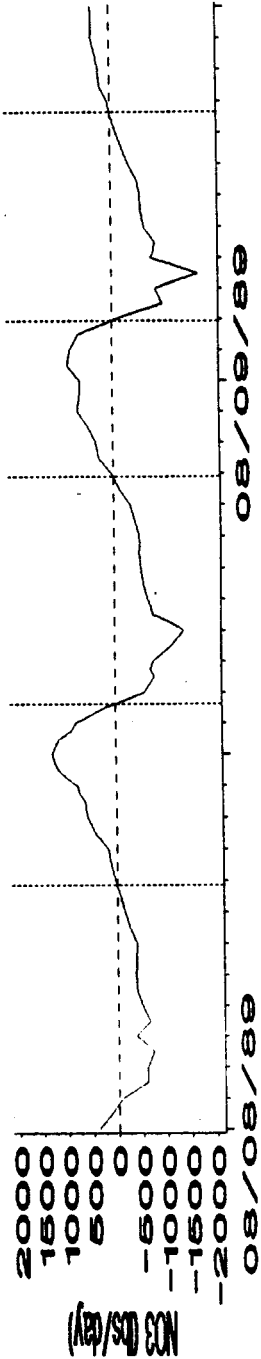
## FLOW



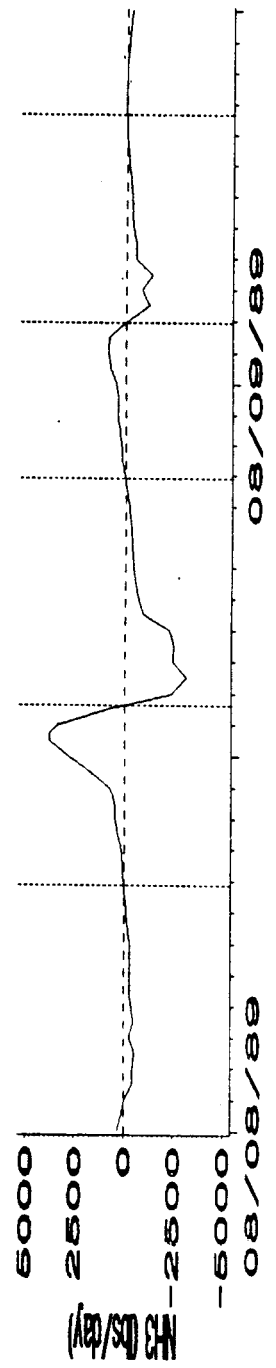
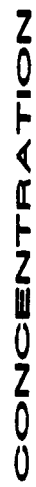
## CONCENTRATION



## MASS FLUX

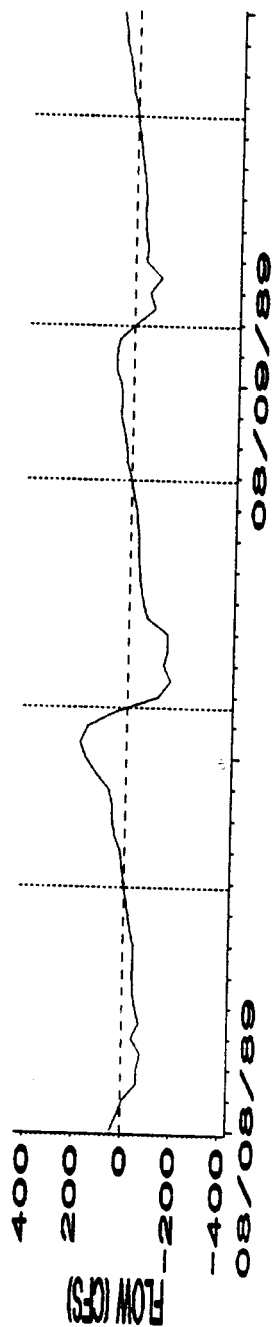


**FLOW**

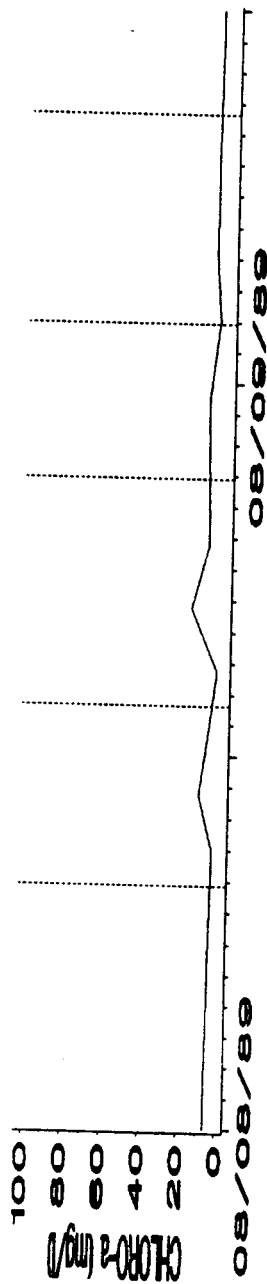


# CHLORO-a CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

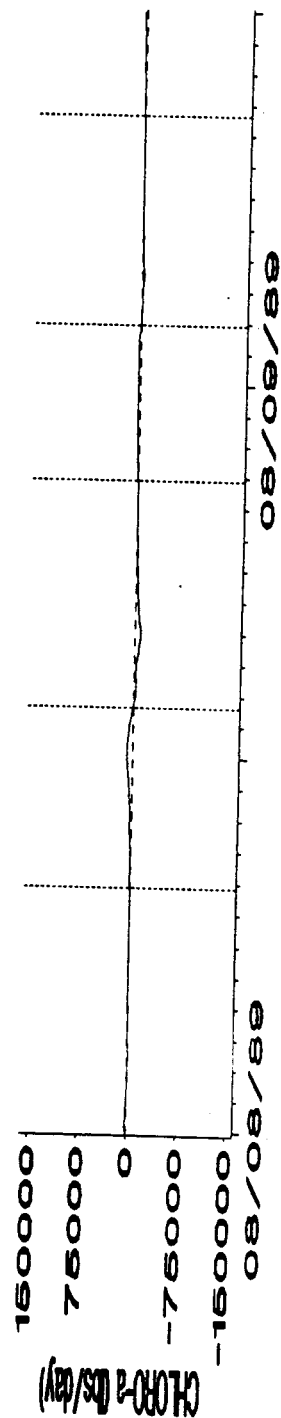
## FLOW



## CONCENTRATION

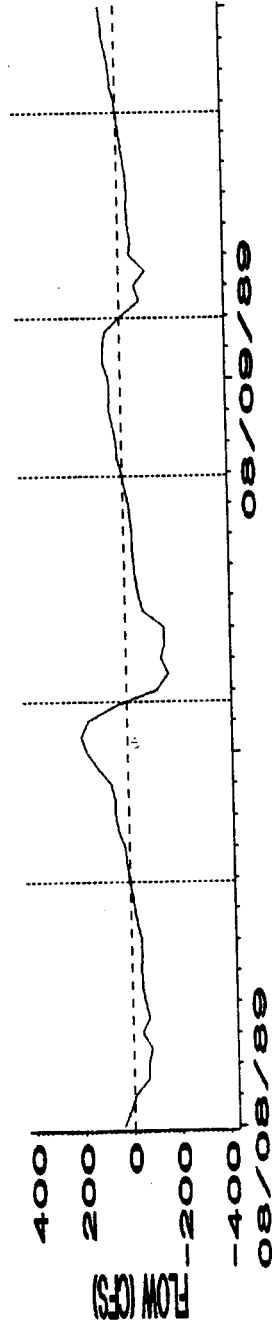


## MASS FLUX

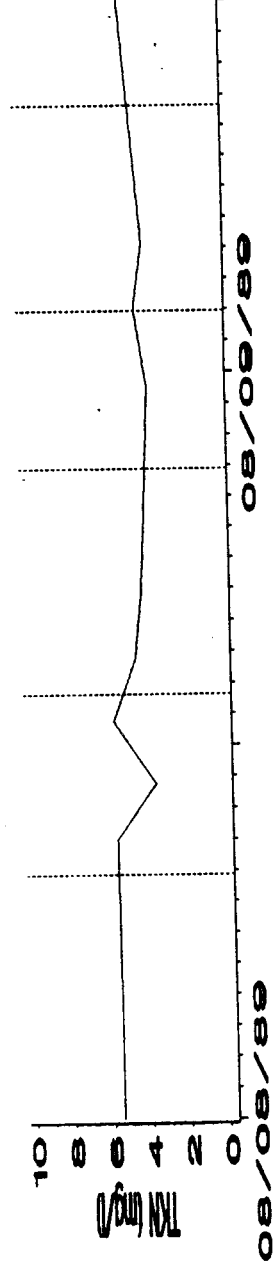


# TKN CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

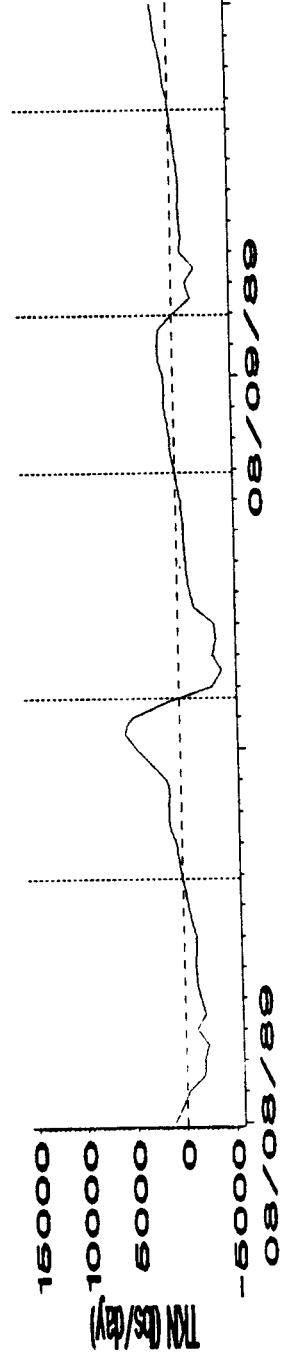
## FLOW



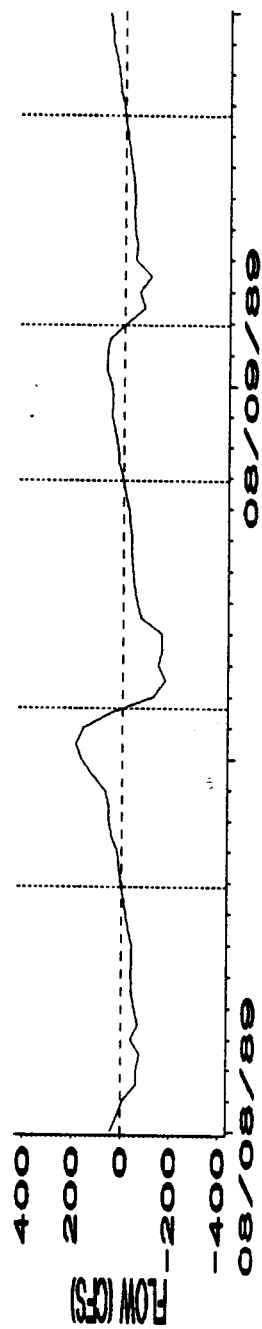
## CONCENTRATION



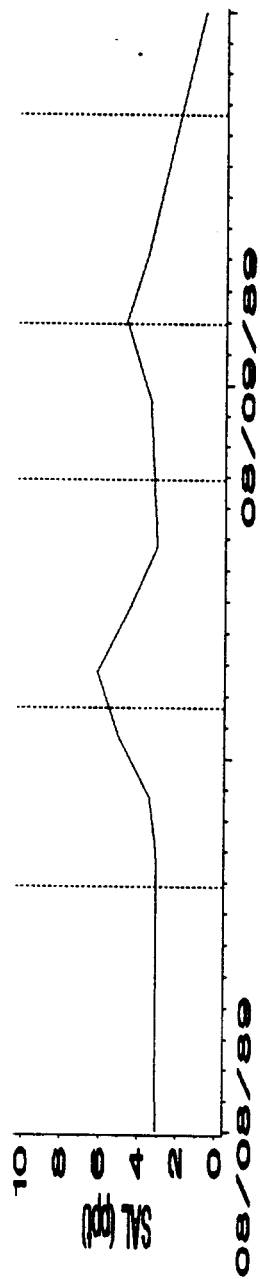
## MASS FLUX



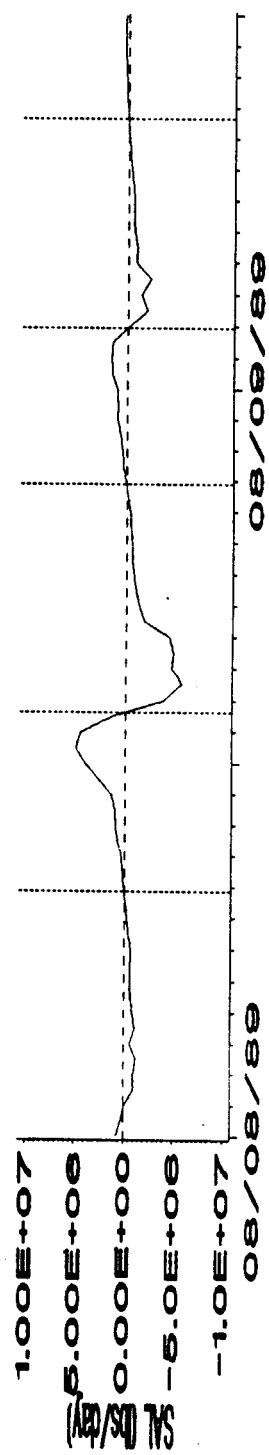
**FLOW**



# CONCENTRATION

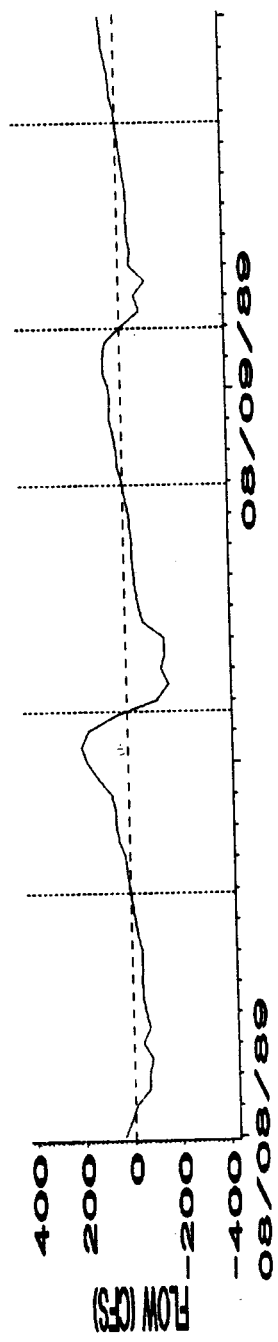


**XULLMAN**

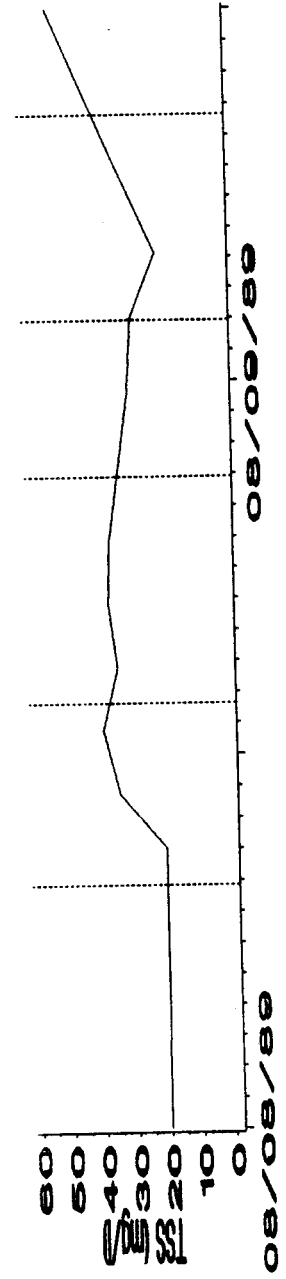


# TSS CONCENTRATION AND FLUX DATA - AUGUST 1989 STATION S9A - MILL CREEK DOWNSTREAM OF STP

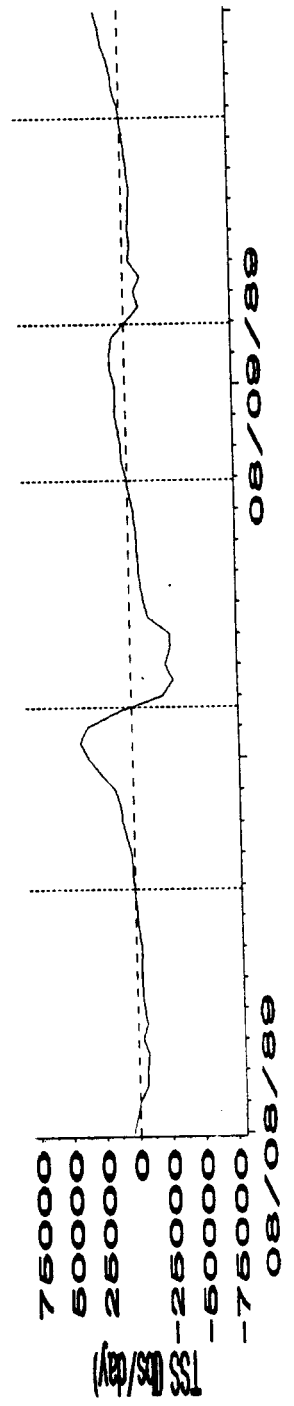
FLOW



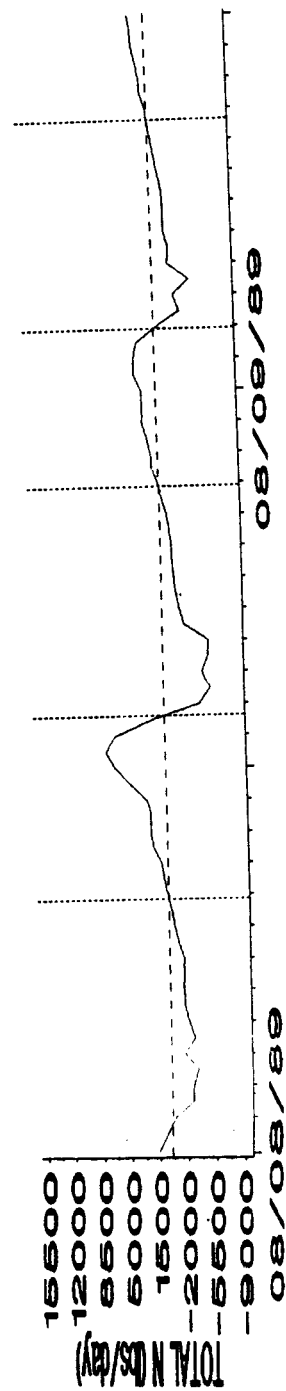
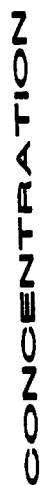
CONCENTRATION



MASS FLUX



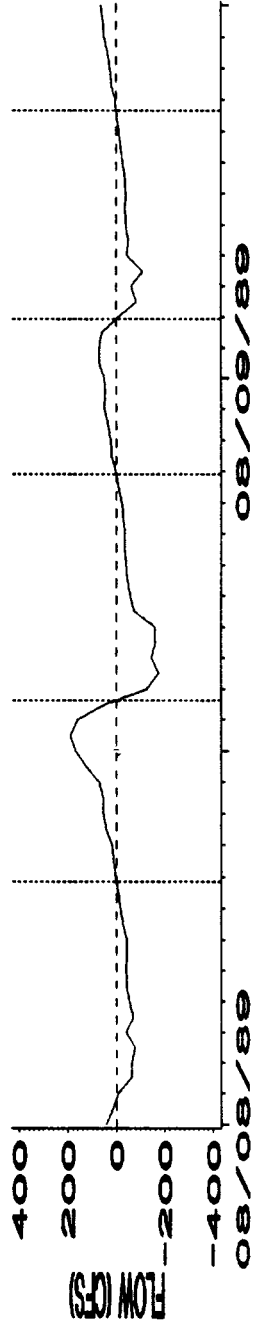
**FLOW**



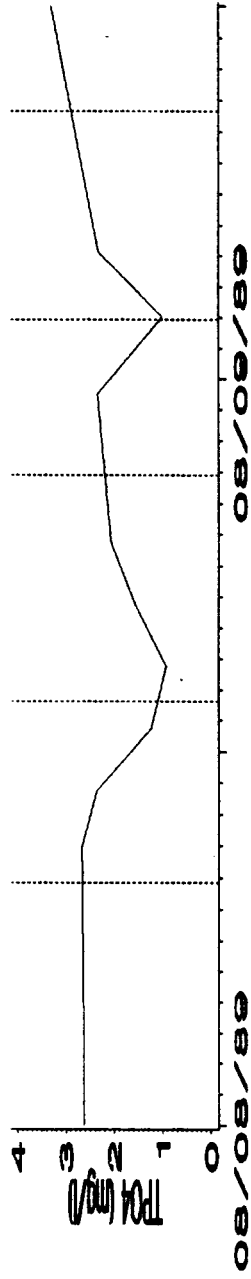


TOTAL PHOSPHATE CONCENTRATION AND FLUX DATA - AUGUST 1989  
STATION S9A - MILL CREEK DOWNSTREAM OF STP

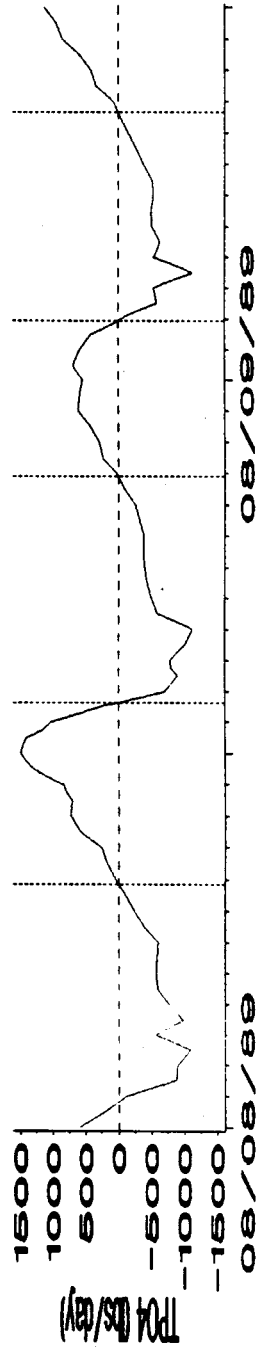
FLOW



CONCENTRATION



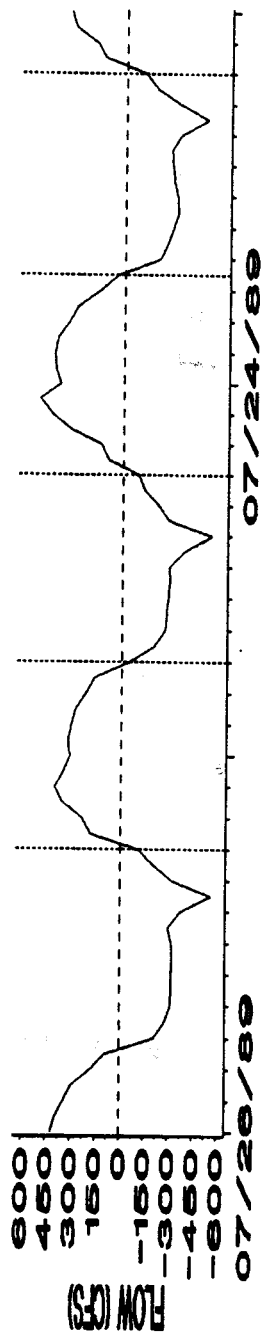
MASS FLUX



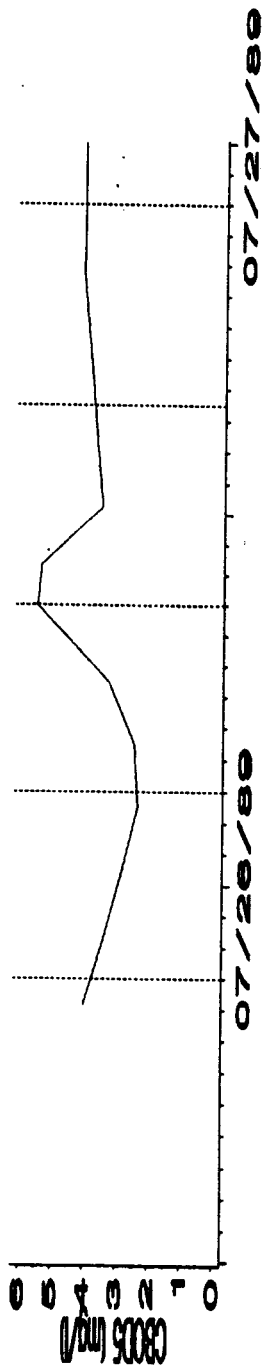
**Appendix A-2-2**  
**Section 6: Figures for Station S14**

# CBOD5 CONCENTRATION AND FLUX DATA - JULY 1989 STATION S15 - BERRYS CREEK UPSTREAM

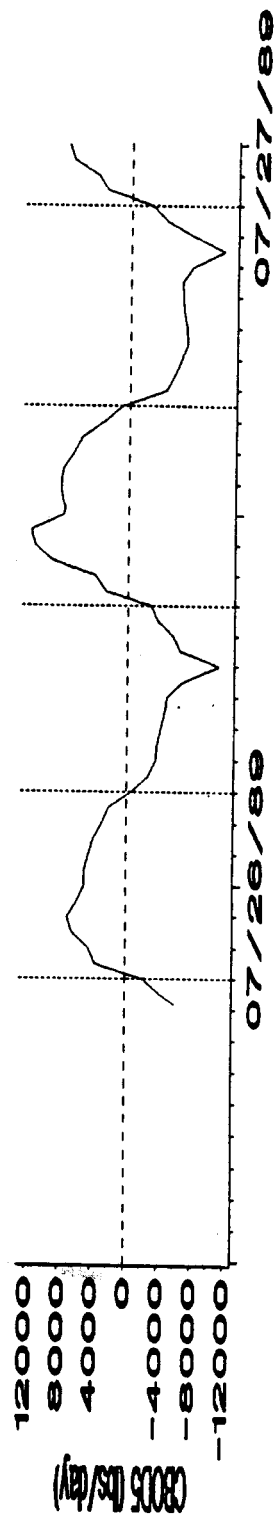
## FLOW



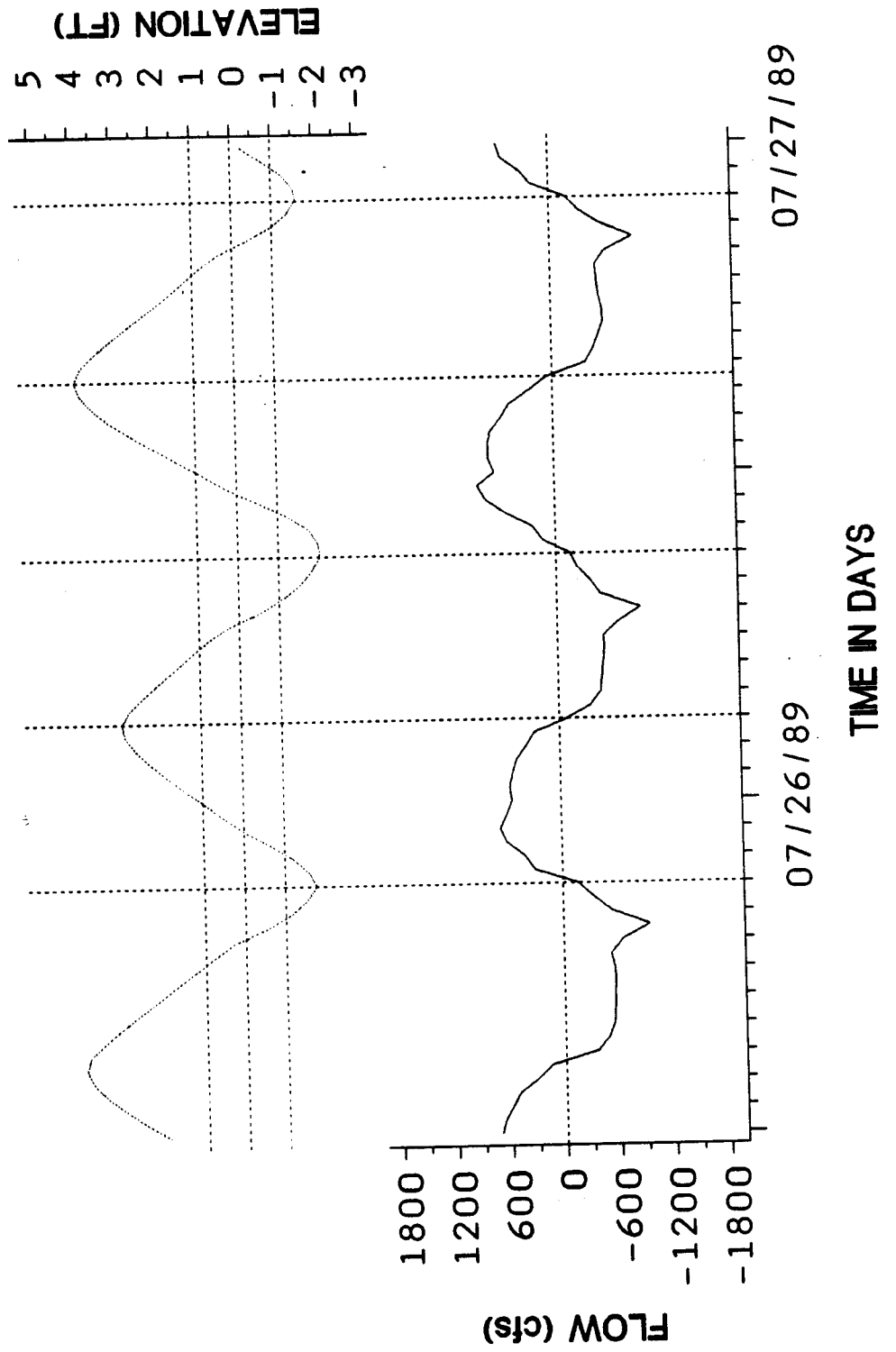
## CONCENTRATION



## MASS FLUX

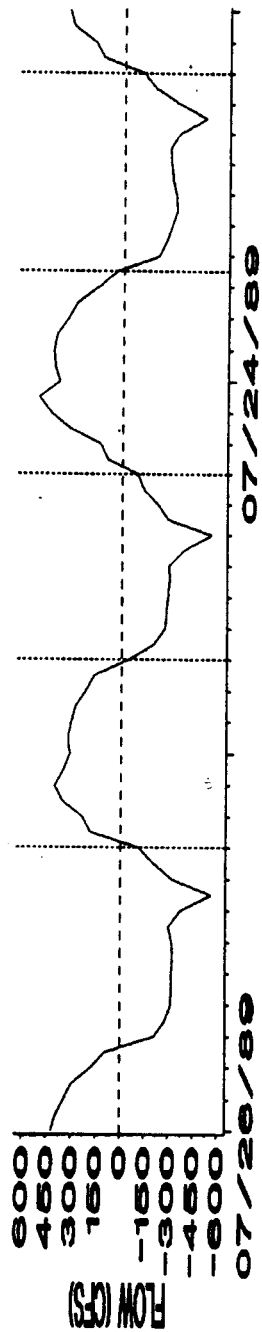


**BERRYS CREEK AT TURNPIKE (S14) - JULY 1989 - FLOW VERSUS TIDE  
FLOW CALCULATED FROM AREA\*VEL, VELOCITY MEASURED BY OSI**

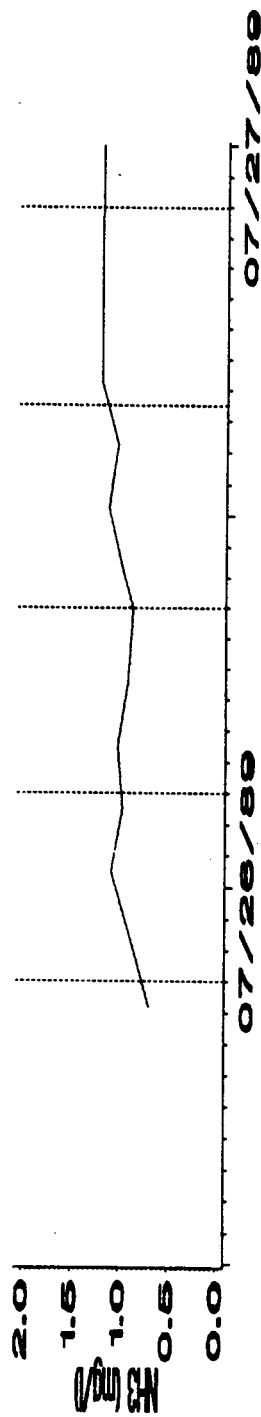


NH3 CONCENTRATION AND FLUX DATA - JULY 1989  
STATION S15 - BERRYS CREEK UPSTREAM

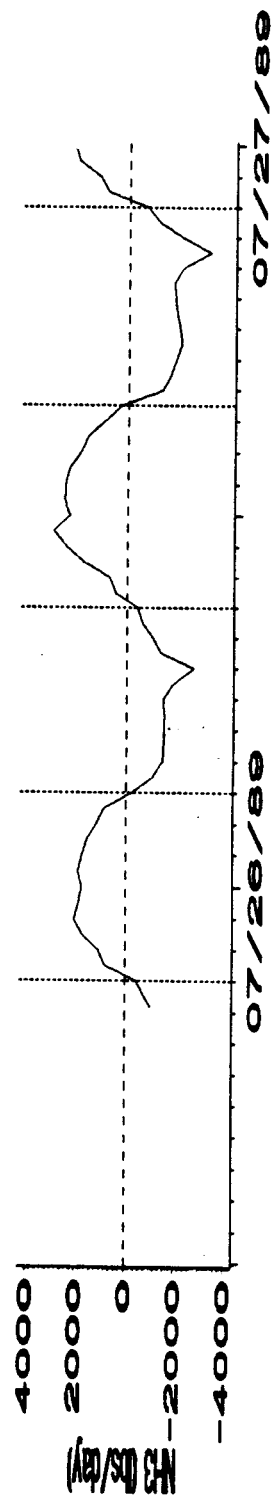
FLOW



CONCENTRATION

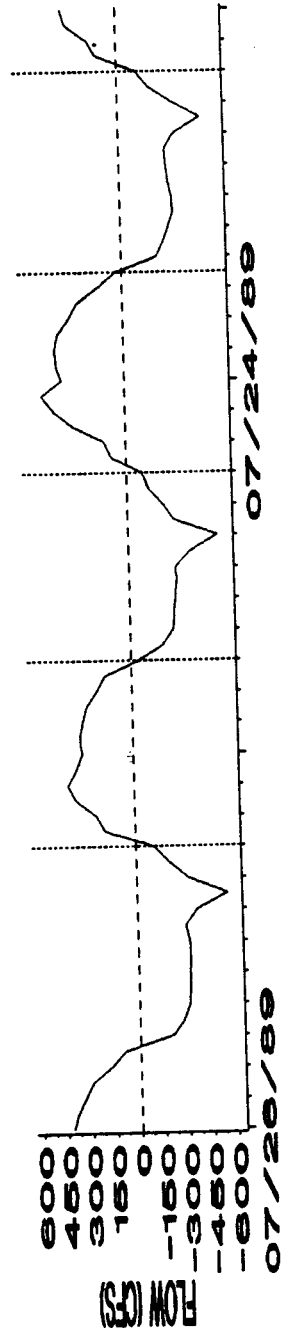


MASS FLUX

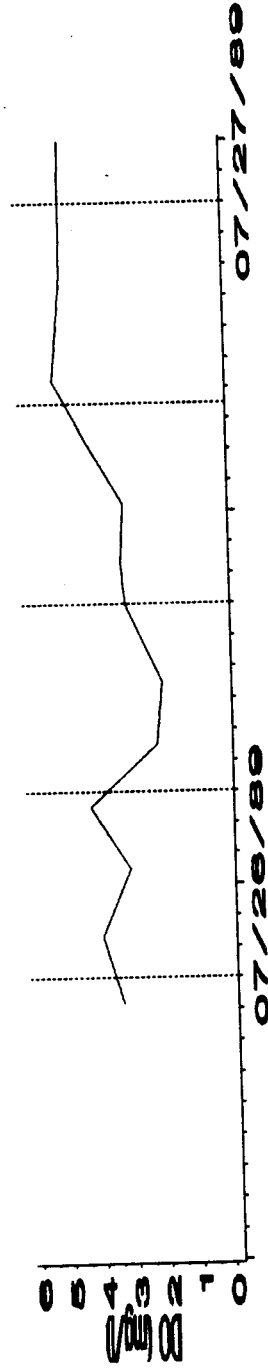


# DO CONCENTRATION AND FLUX DATA - JULY 1989 STATION S15 - BERRYS CREEK UPSTREAM

## FLOW



## CONCENTRATION



## MASS FLUX

