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**EUTROPHICATION IN CONTROLLED WATERS IN  
THE WARWICKSHIRE AVON CATCHMENT**  
**(Final Report)**

**Volume 2**



**March 1998**



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006894

# **EUTROPHICATION IN CONTROLLED WATERS IN THE WARWICKSHIRE AVON CATCHMENT (Final Report)**

A Research Report Commissioned by the Environment Agency

## **Volume 2 (Appendices)**

**Time series graphs for sampling stations on the five major  
sub-catchments of the river Avon upstream of Evesham.**

**Environment Agency :-**

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	Diane McIlroy	November 1996 - March 1998
<b>Project Executive:</b>	Keith Wagstaff	September 1994 - November 1997
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**Coventry University**

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**March 1998**

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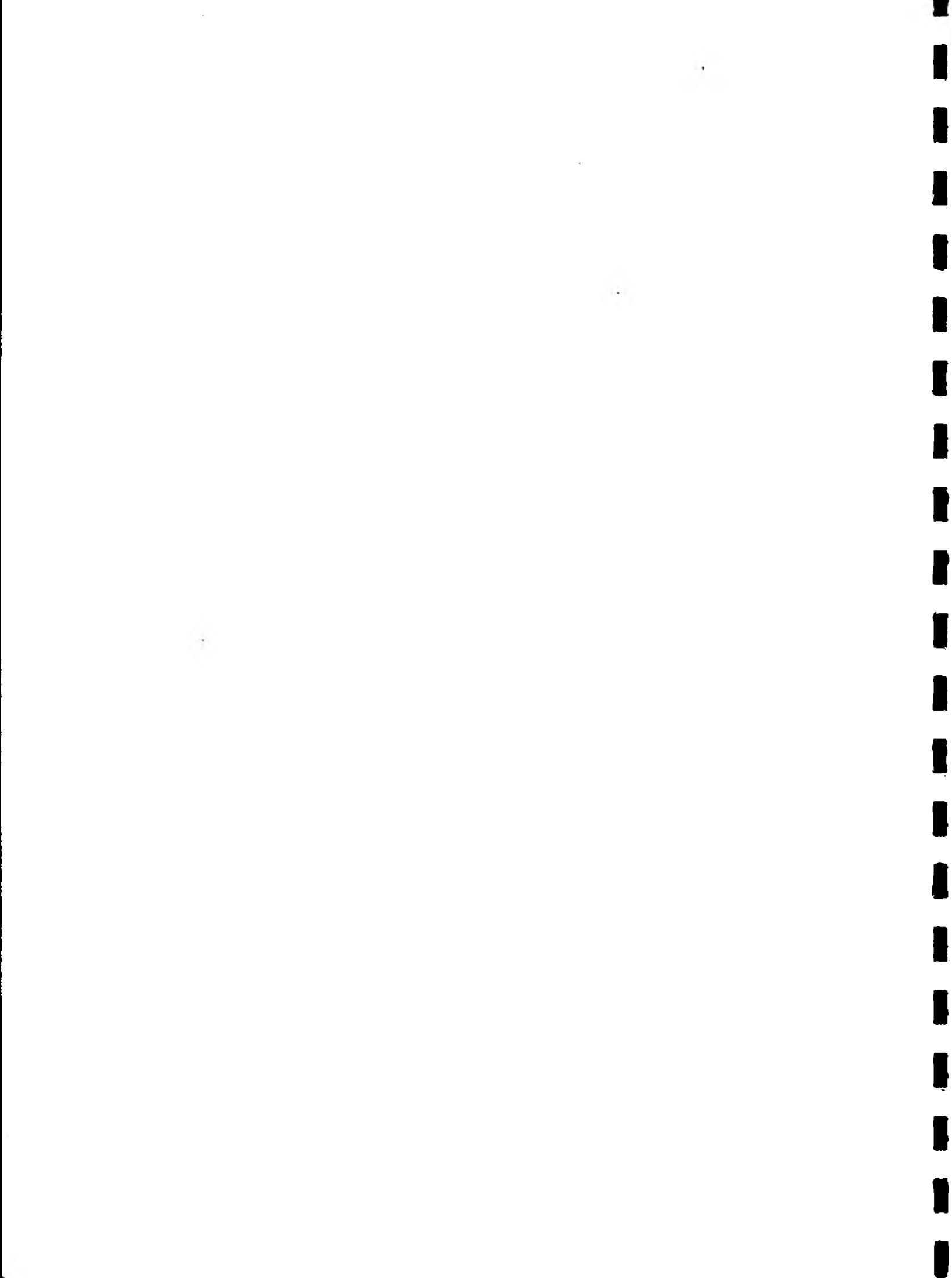
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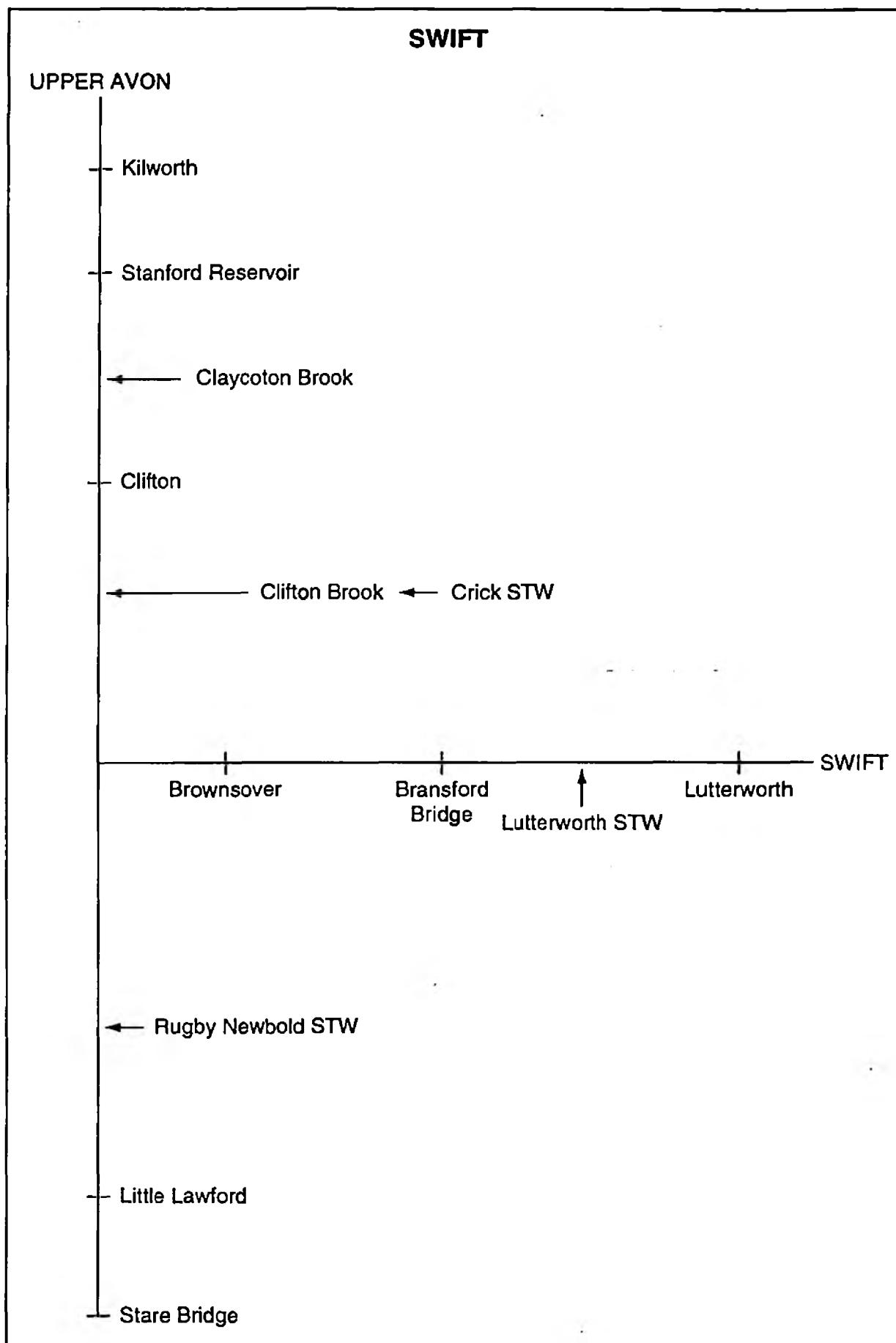
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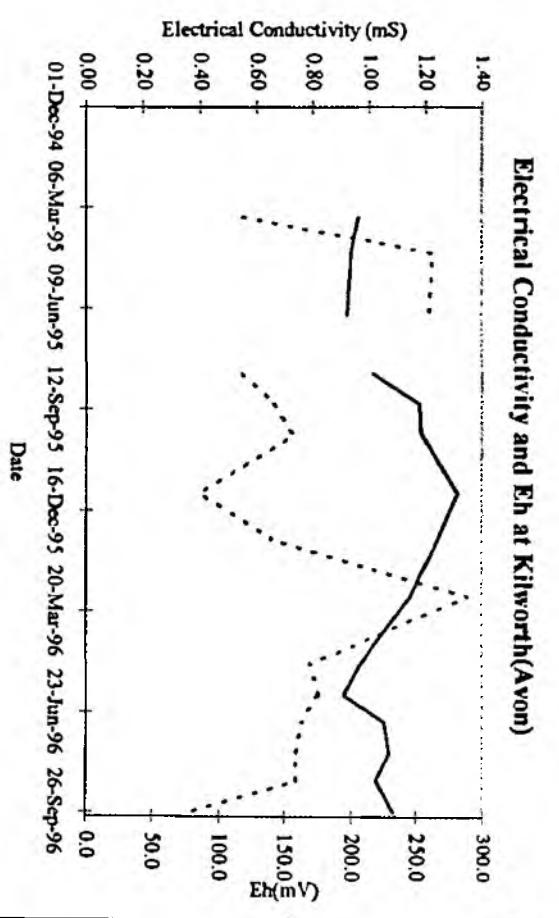
## **Appendix 1a**

### **The Upper Avon and River Swift**

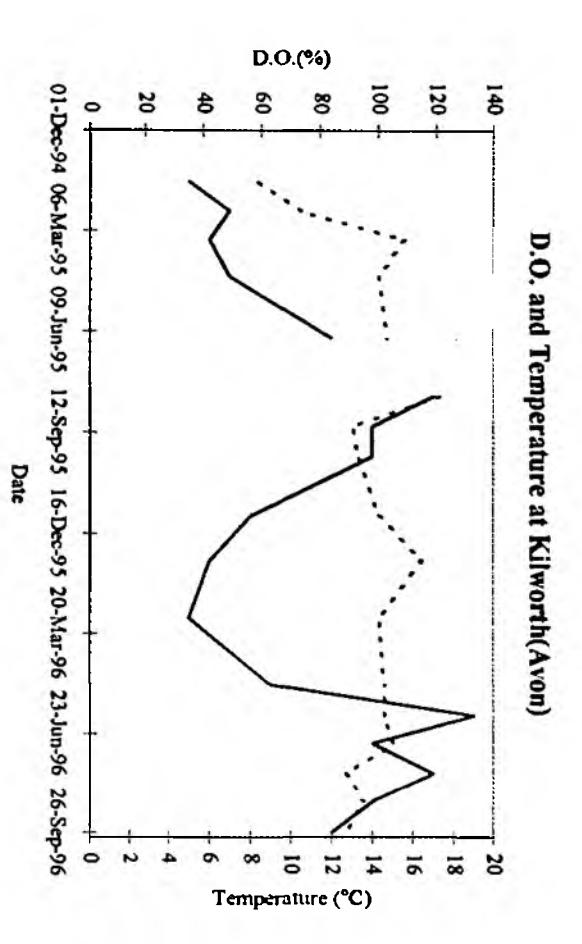
Figure 1 Site Location Map for the upper Avon and Swift



..... Electrical Conductivity — Eh



..... D.O. — Temperature



===== B.O.D. .... C.O.D.

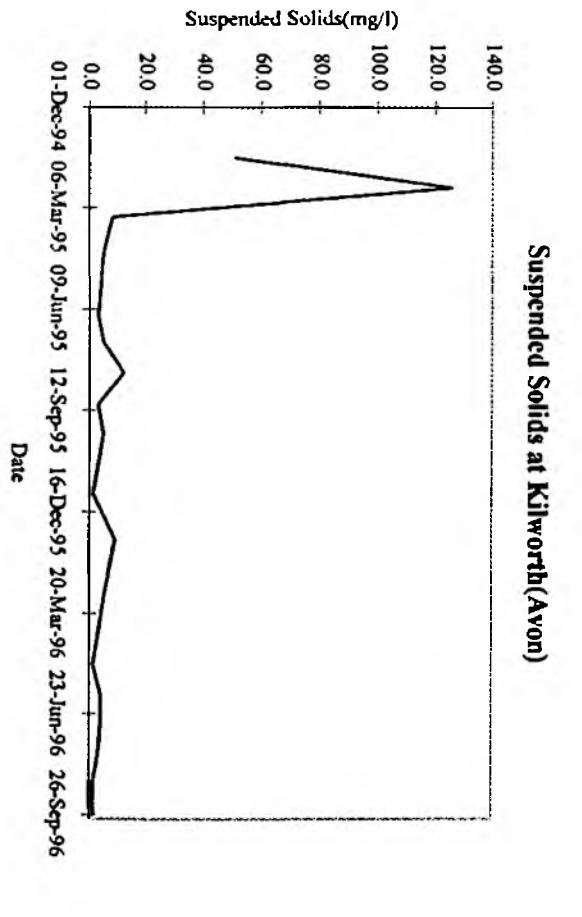
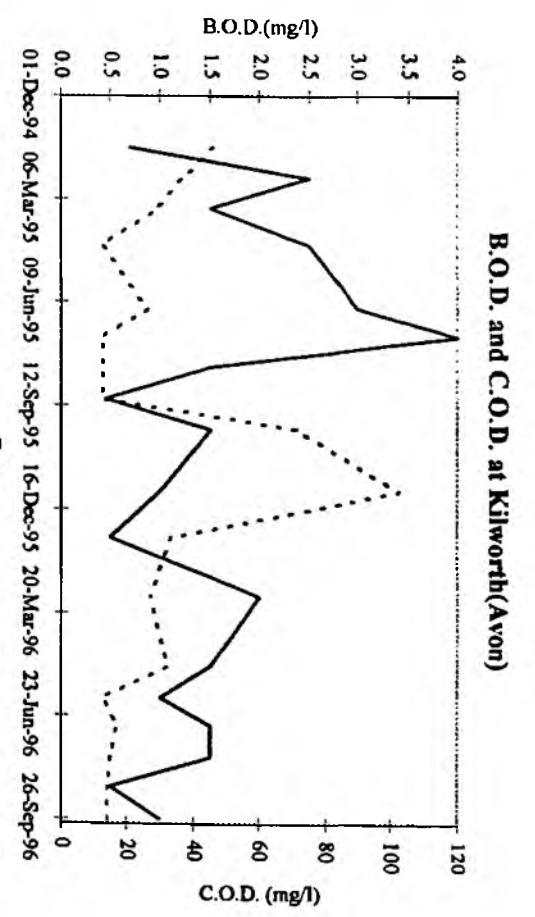
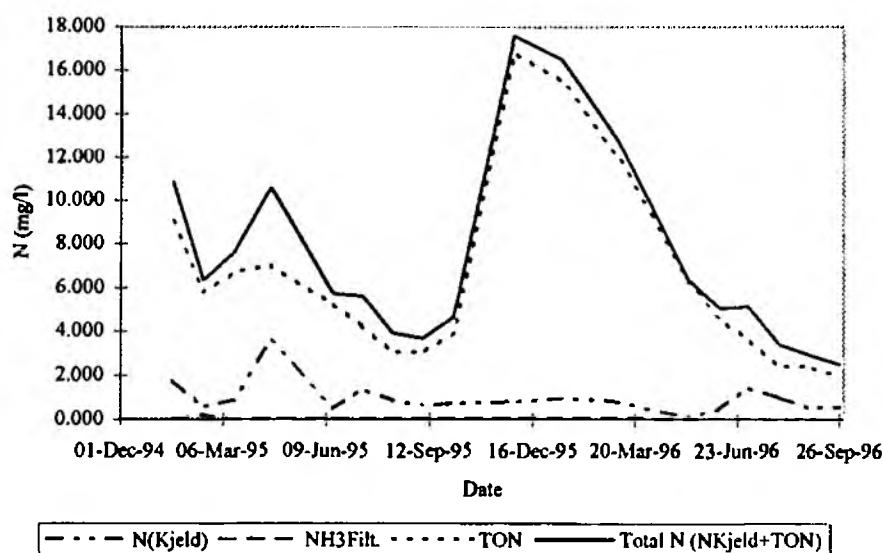
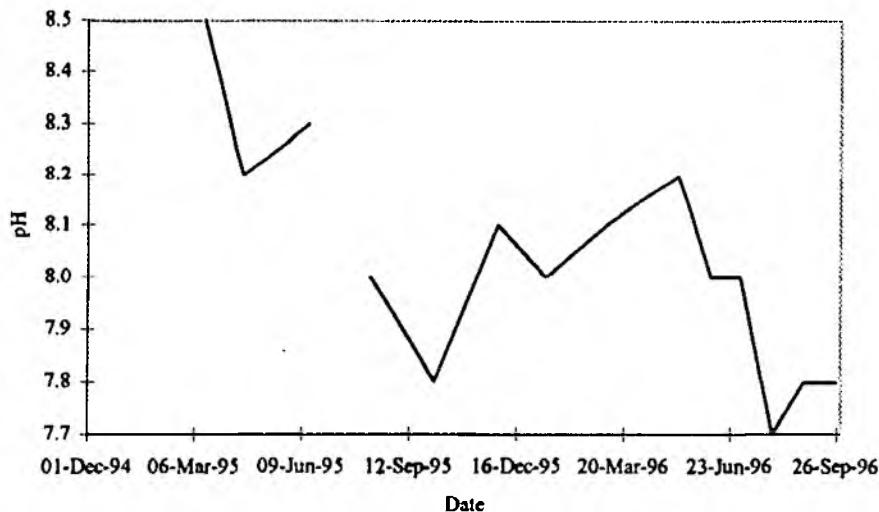


Figure 2 Kilworth (Avon)

### N at Kilworth(Avon)



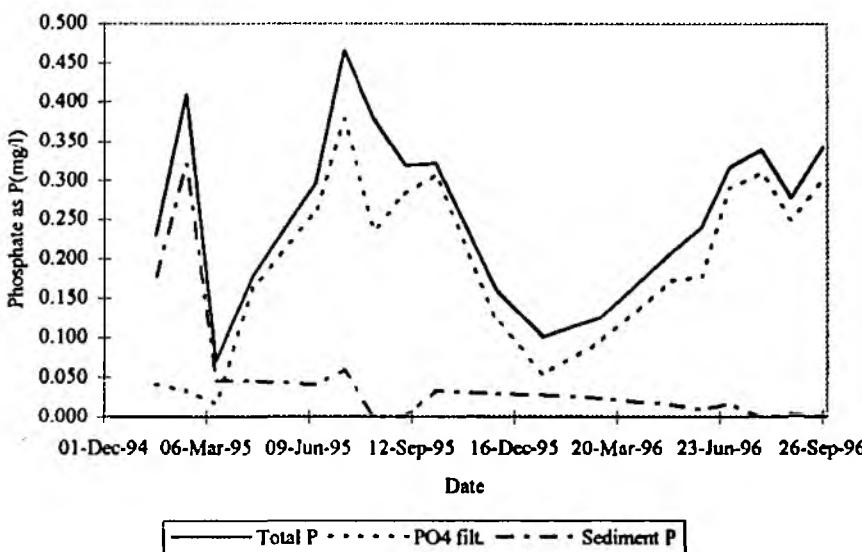
### pH at Kilworth(Avon)



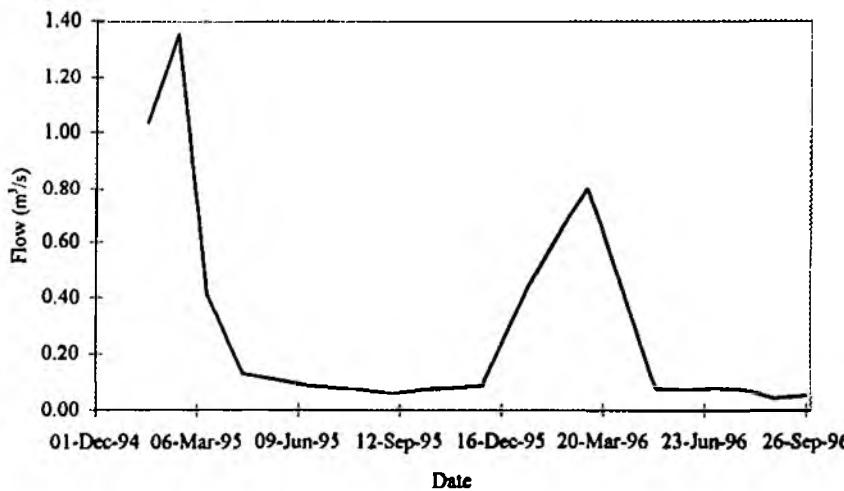
(Figure 2 cont.)

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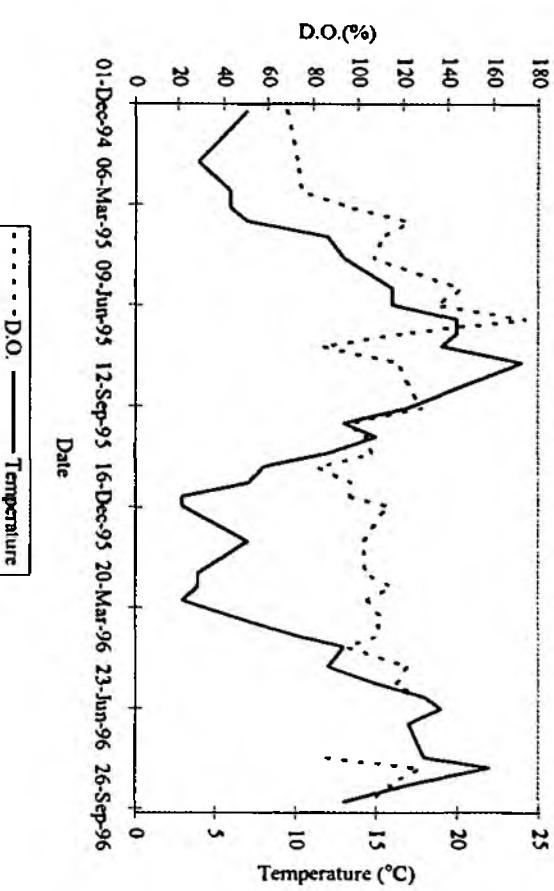
### P at Kilworth(Avon)



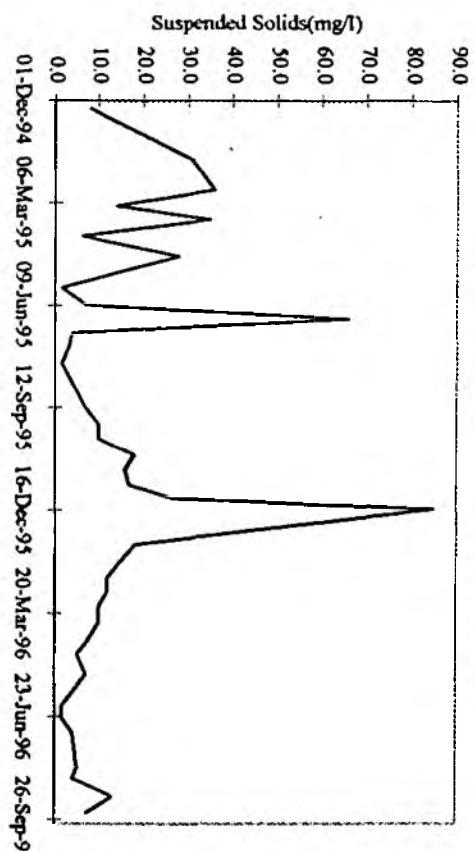
### Flow at Kilworth(Avon)



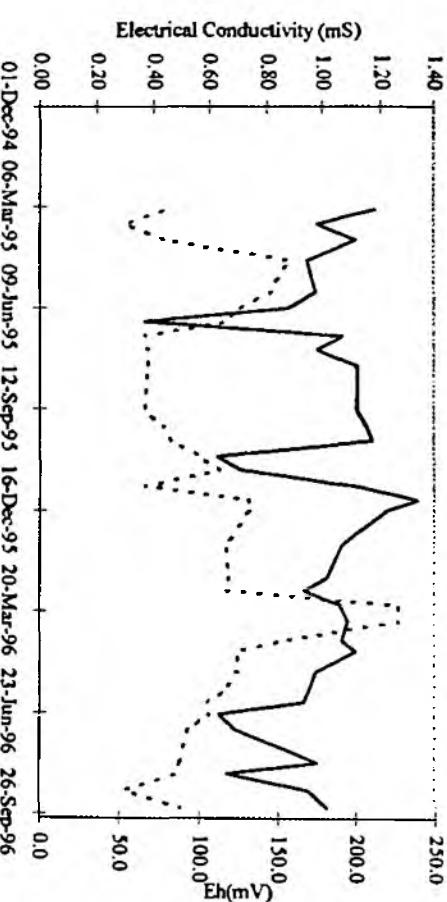
D.O. and Temperature at Stanford Reservoir



Suspended Solids at Stanford Reservoir



Electrical Conductivity and Eh at Stanford Reservoir



B.O.D. and C.O.D. at Stanford Reservoir

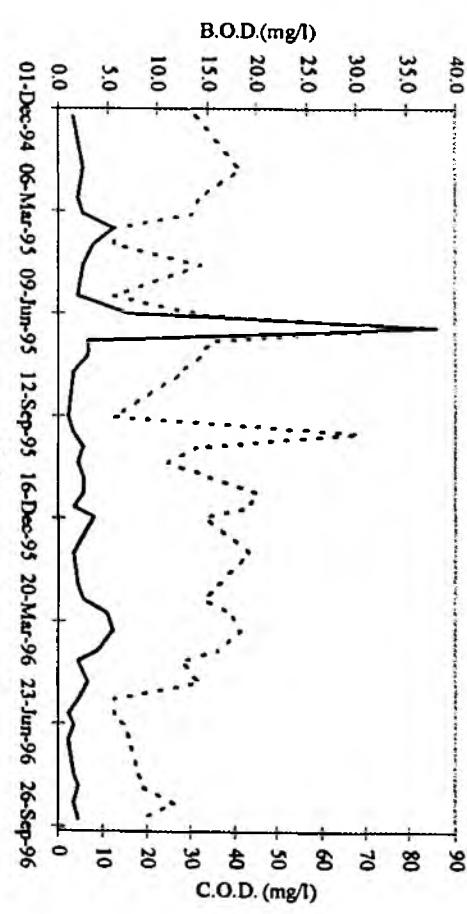
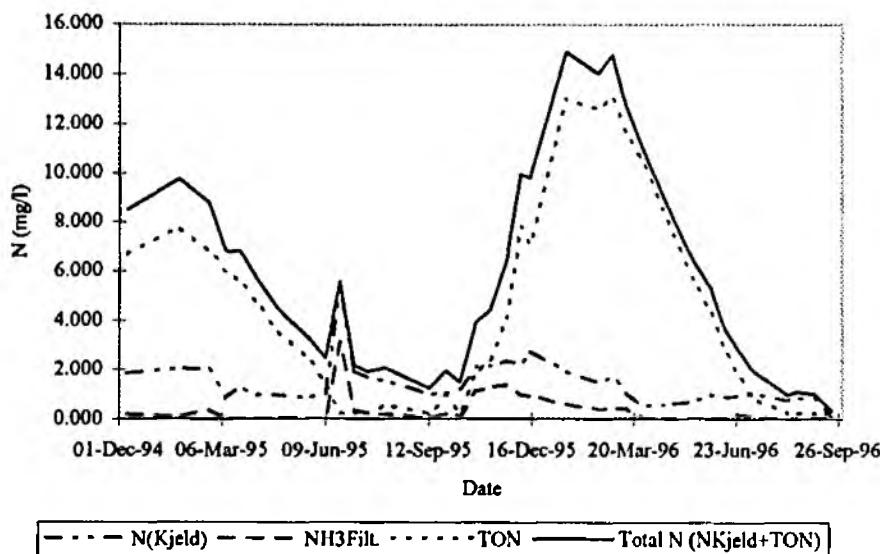
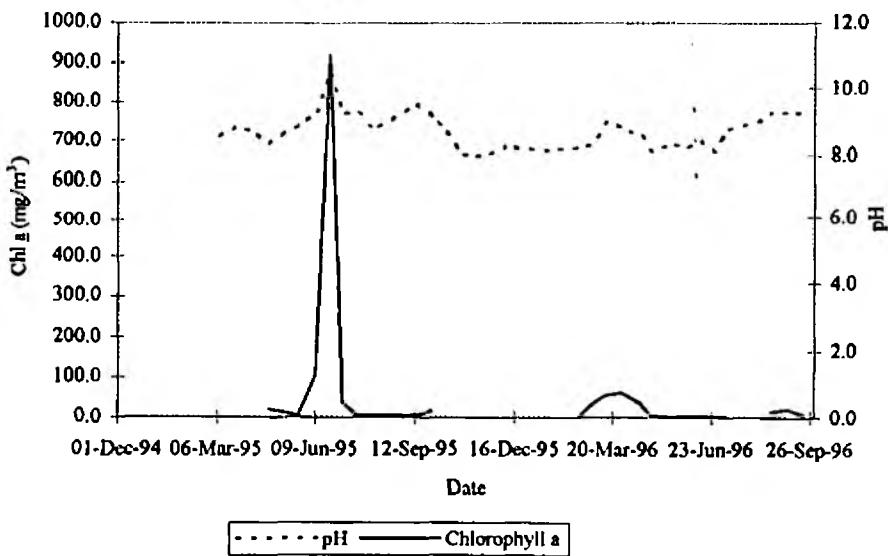


Figure 3 Stanford Reservoir

### N at Stanford Reservoir

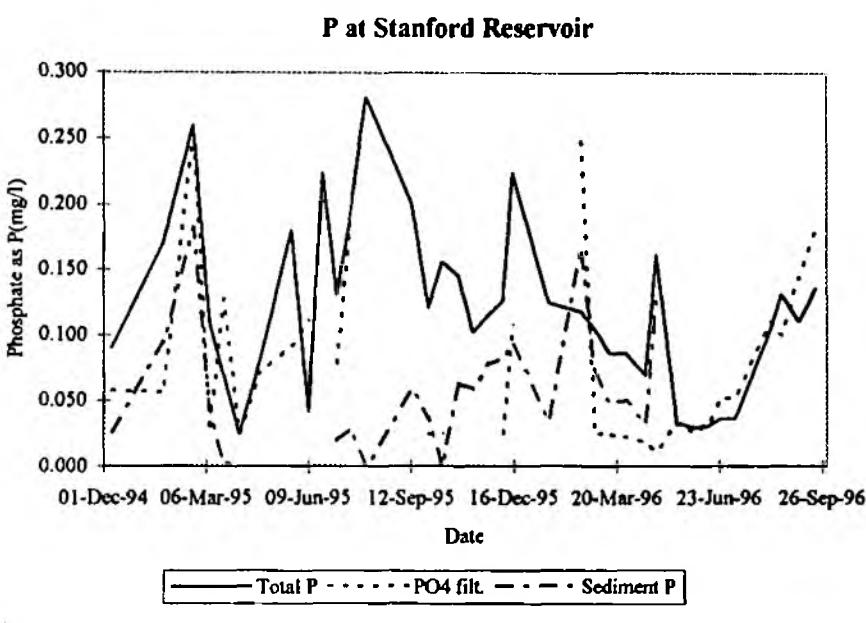


### Chlorophyll a and pH at Stanford Reservoir

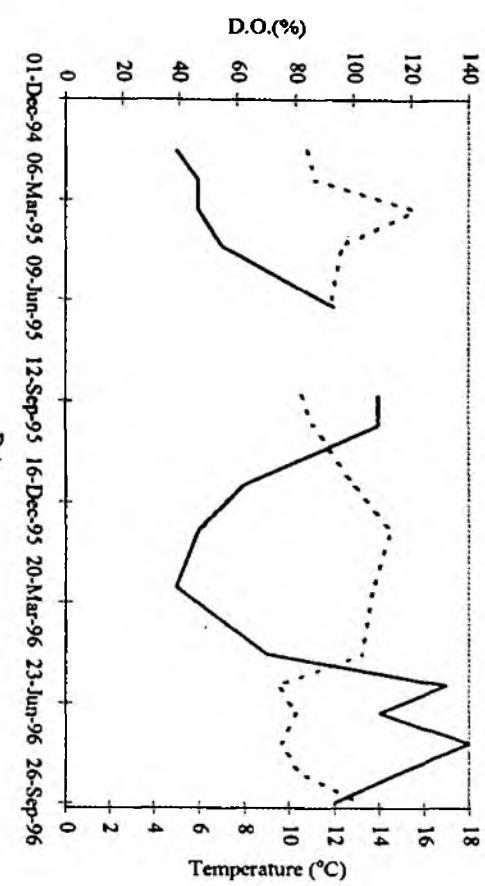


(Figure 3 cont.)

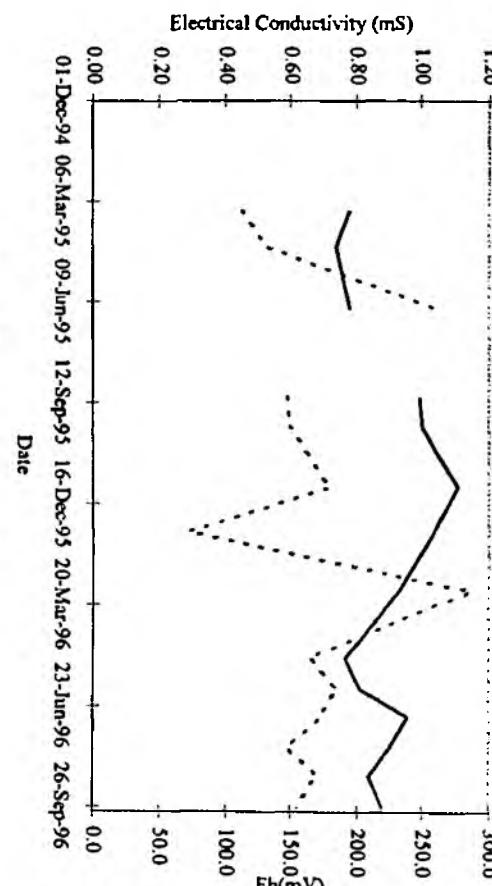
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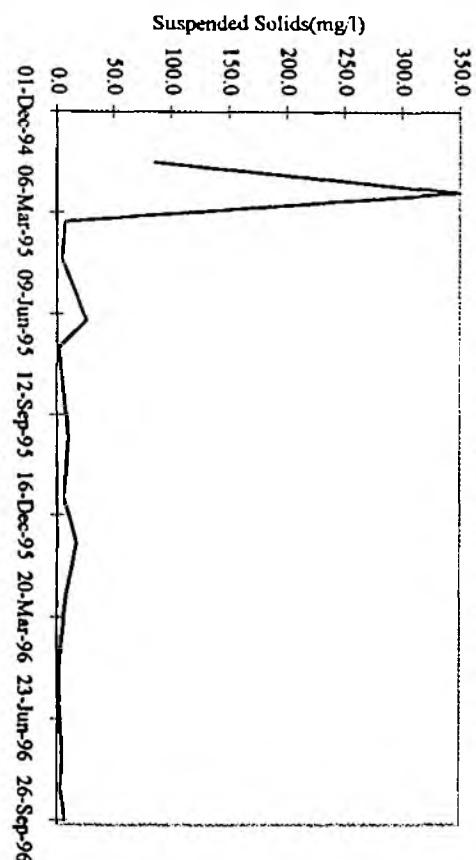
D.O. and Temperature at Claycoton Brook (confl. Avon)



Electrical Cond. and Eh at Claycoton Brook (confl. Avon)



Suspended Solids at Claycoton Brook (confl. Avon)



B.O.D. and C.O.D. at Claycoton Brook (confl. Avon)

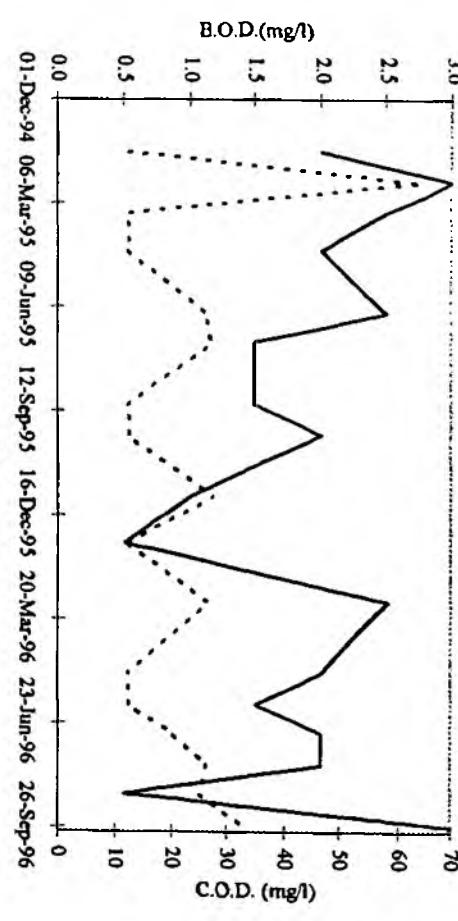
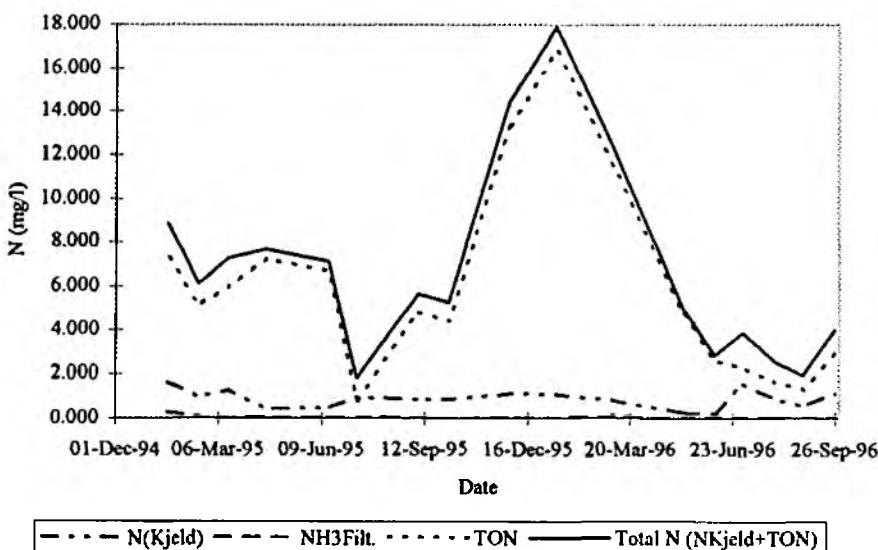
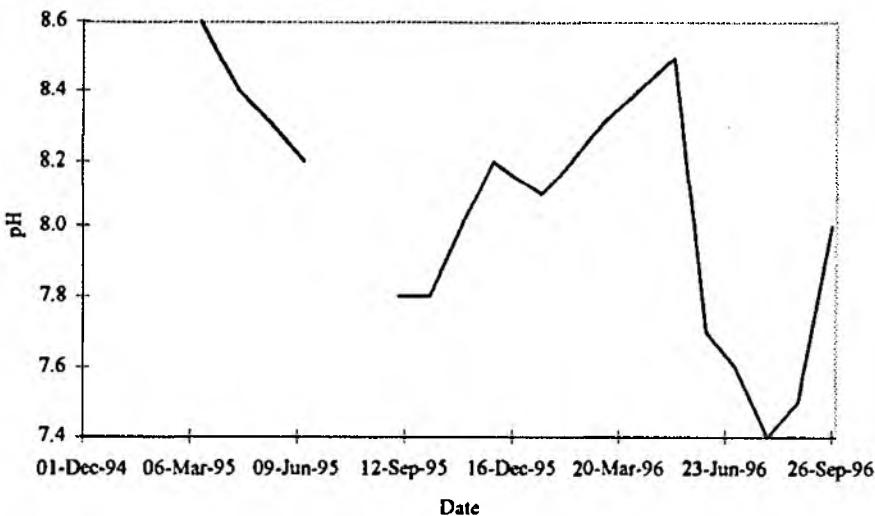


Figure 4 Claycoton Brook (confl. Avon)

### N at Claycoton Brook (confl. Avon)



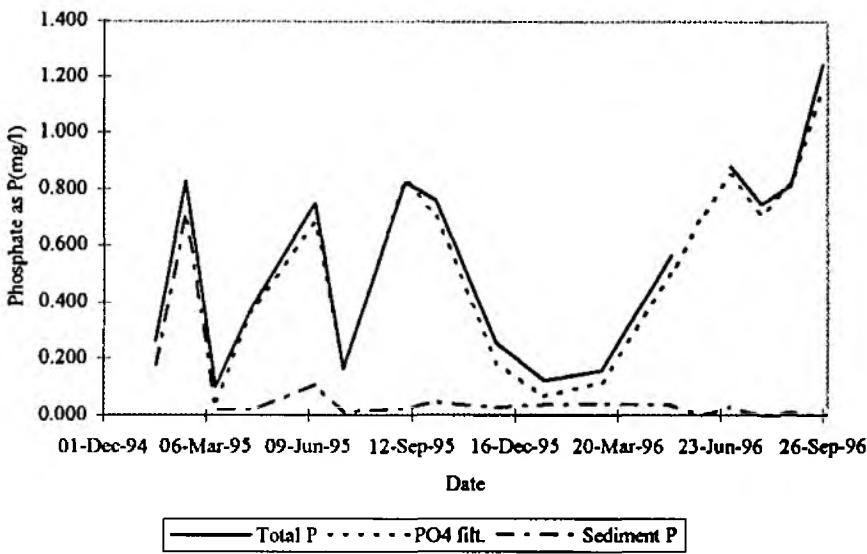
### pH at Claycoton Brook (confl. Avon)



(Figure 4 cont.)

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### P at Claycoton Brook (confl. Avon)



### Flow at Claycoton Brook (confl. Avon)

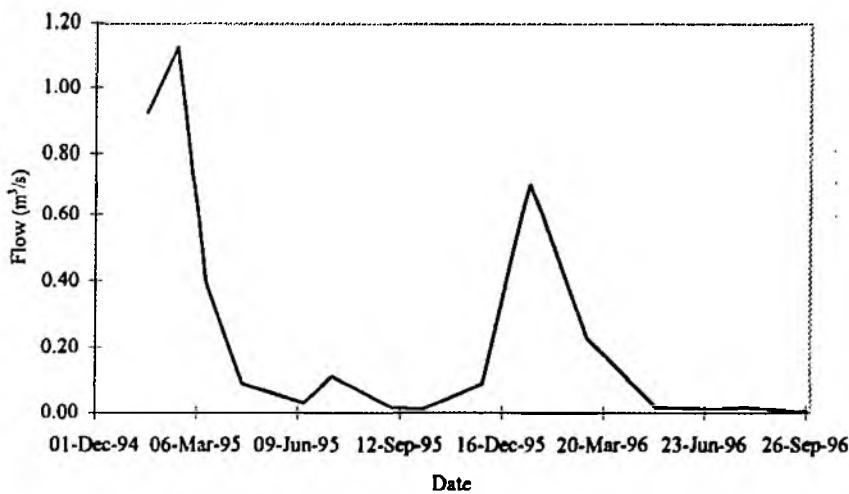
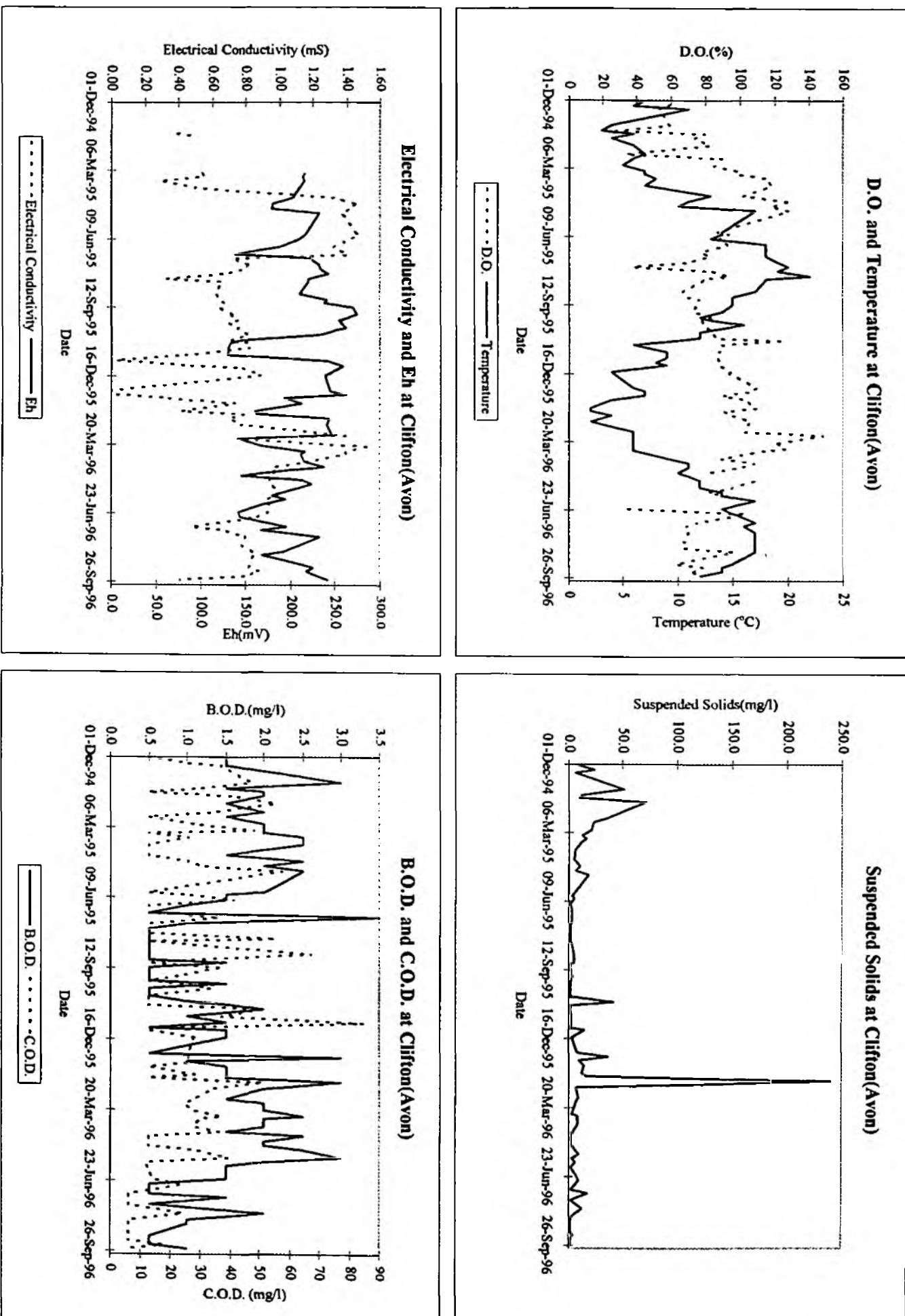
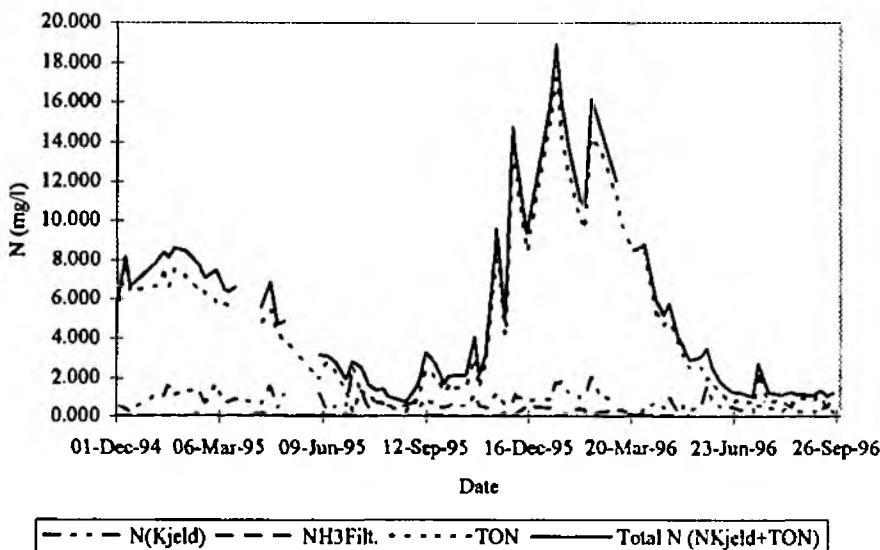


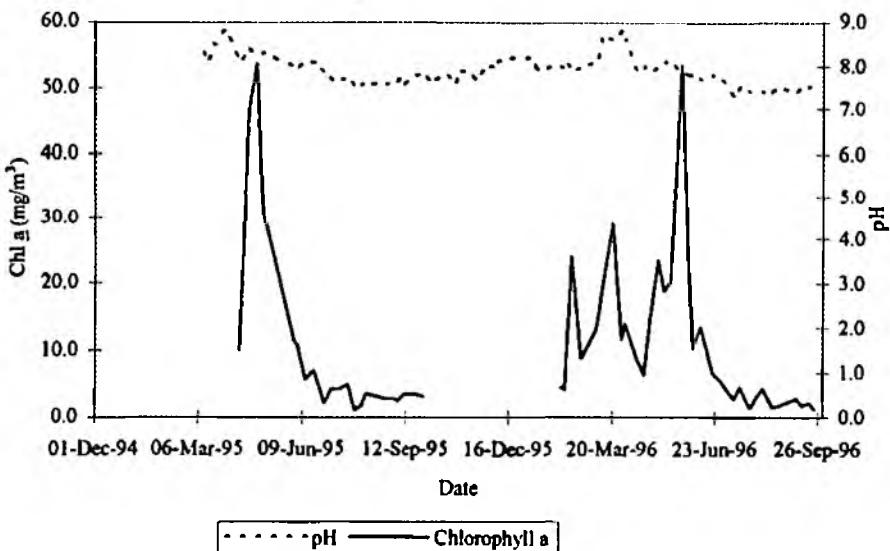
Figure 5 Clifton (Avon)



### N at Clifton(Avon)



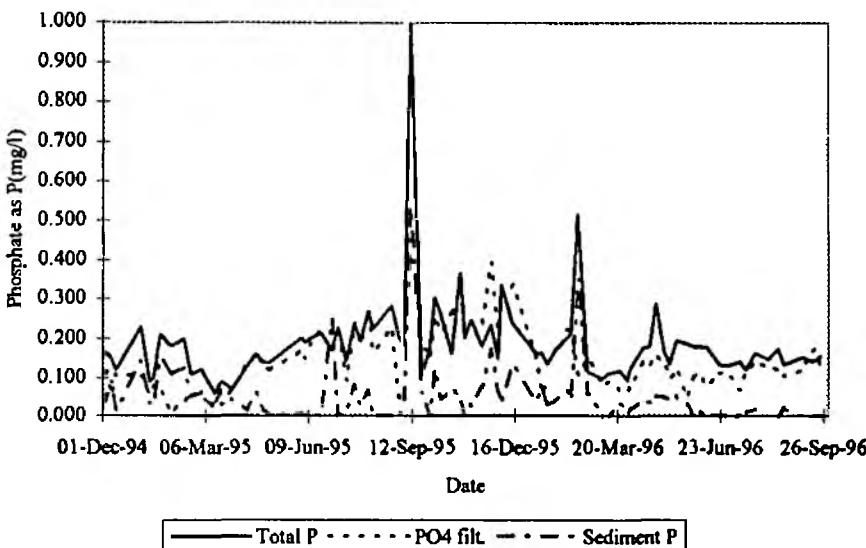
### Chlorophyll a and pH at Clifton(Avon)



(Figure 5 cont.)

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### P at Clifton(Avon)



### Flow at Clifton(Avon)

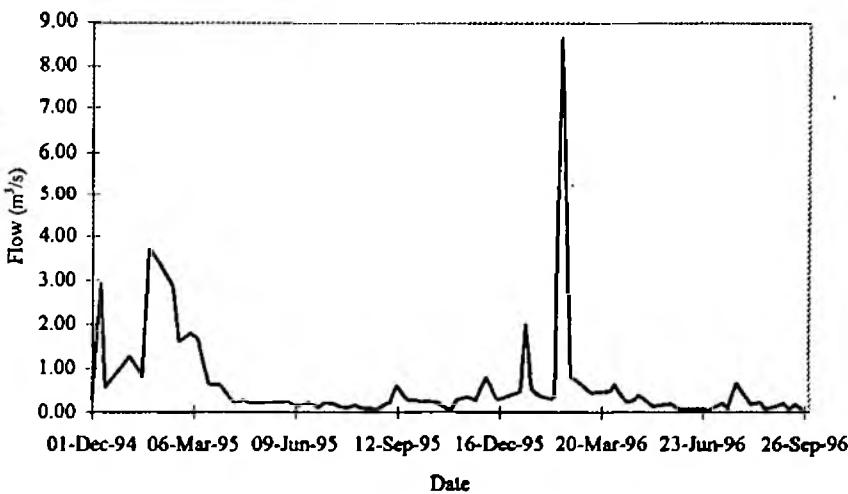
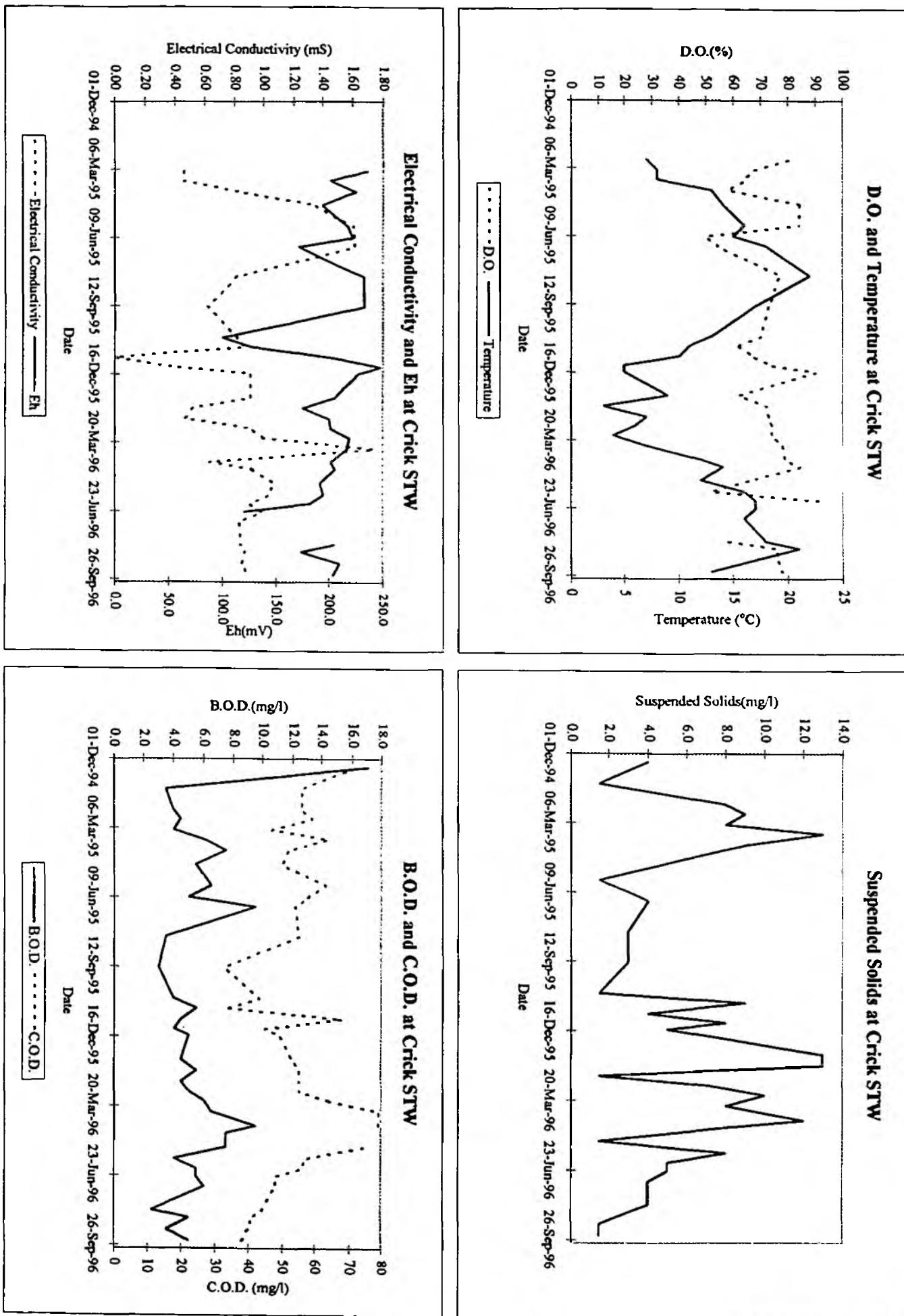
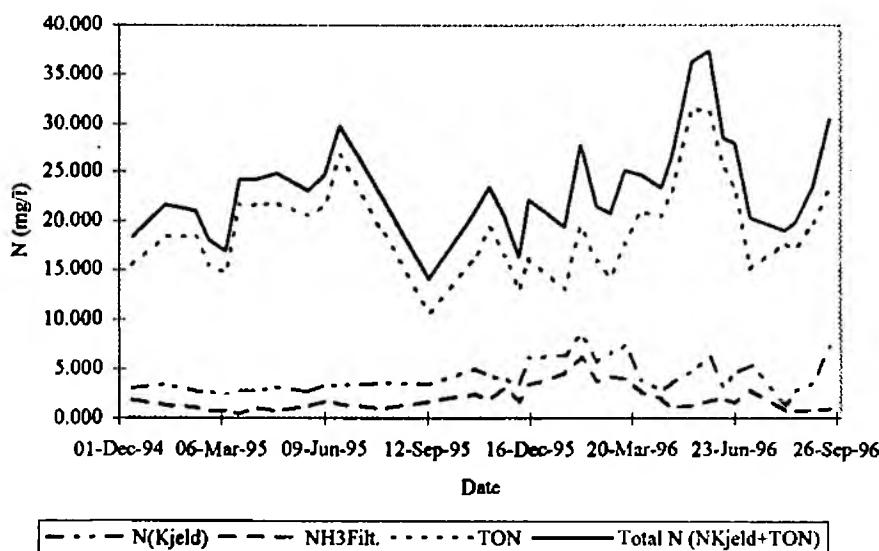


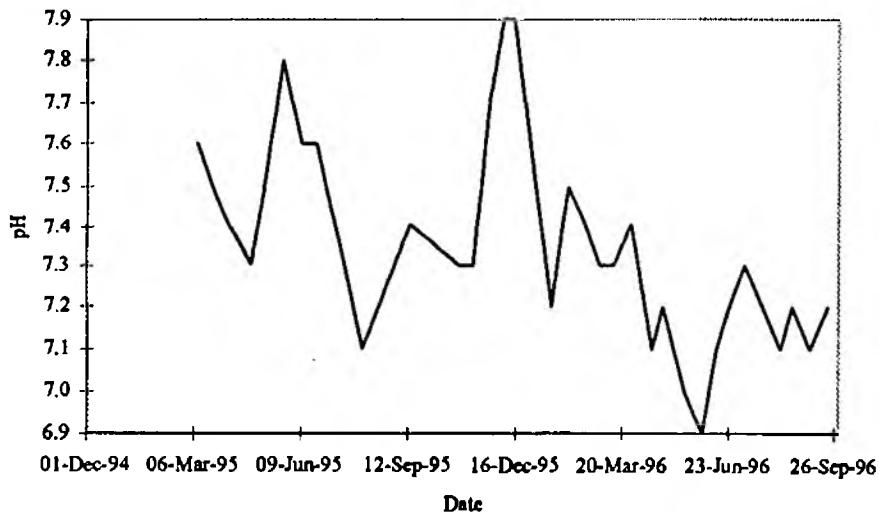
Figure 6 Crick STW



### N at Crick STW



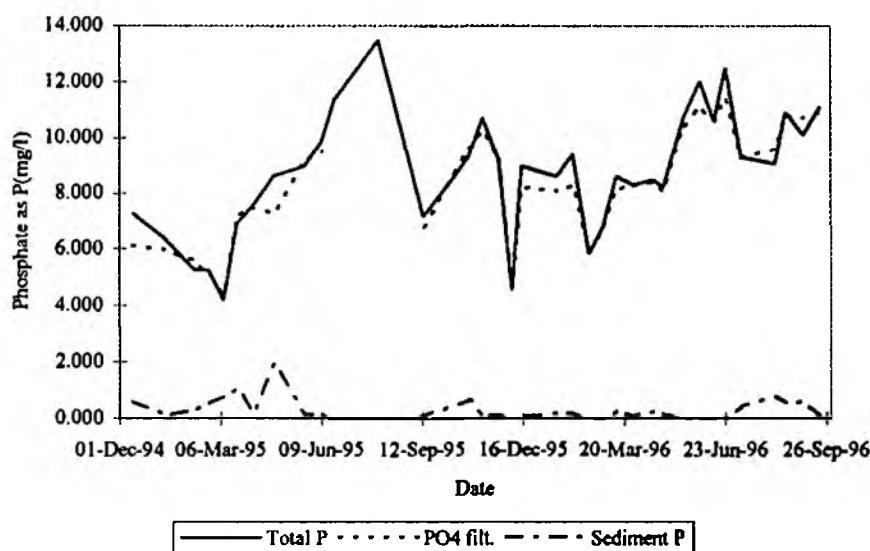
### pH at Crick STW



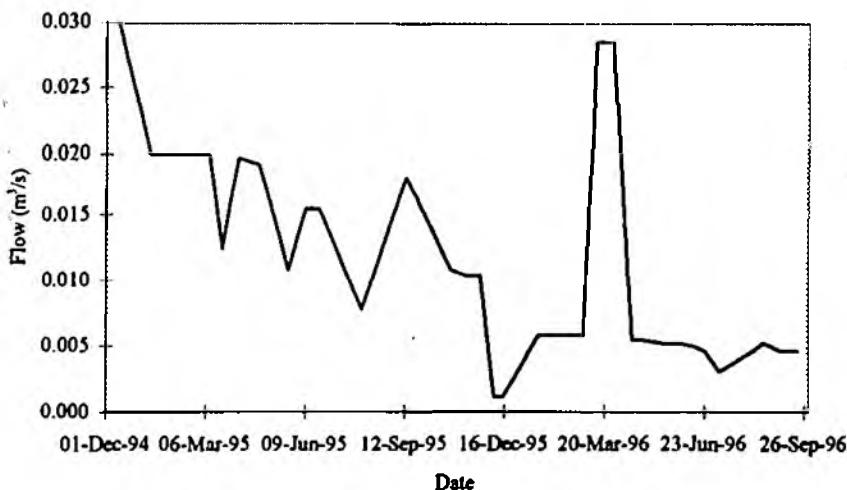
(Figure 6 cont.)

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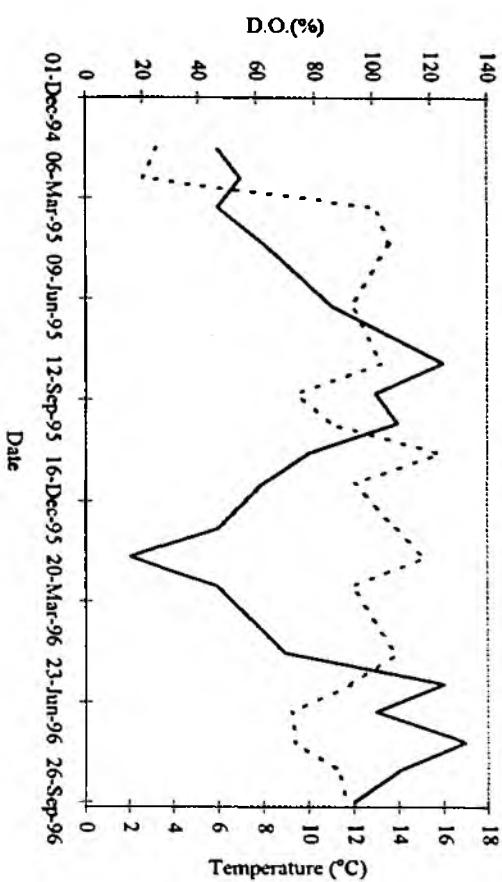
### P at Crick STW



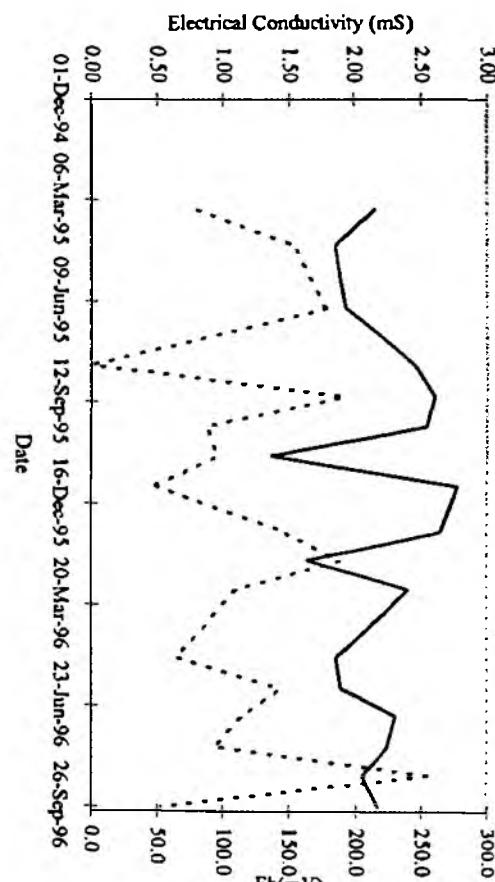
### Flow at Crick STW



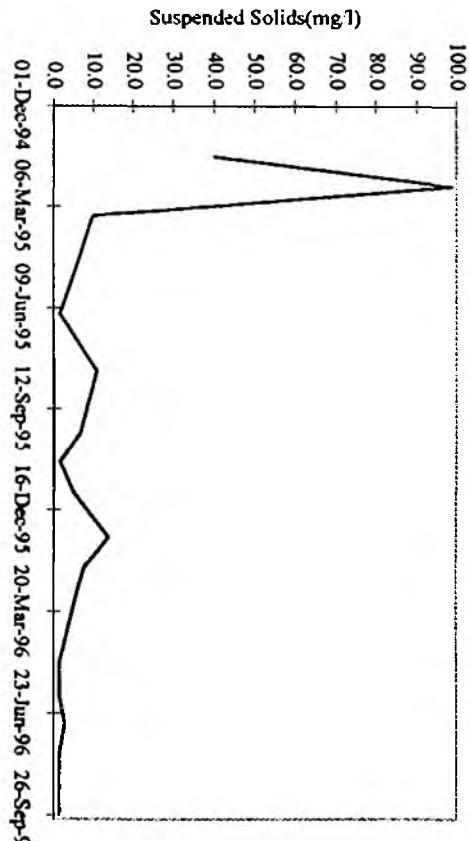
D.O. and Temperature at Clifton Brook(conf. Avon)



Electrical Conductivity and Eh at Clifton Brook(conf. Avon)



Suspended Solids at Clifton Brook(conf. Avon)



B.O.D. and C.O.D. at Clifton Brook(conf. Avon)

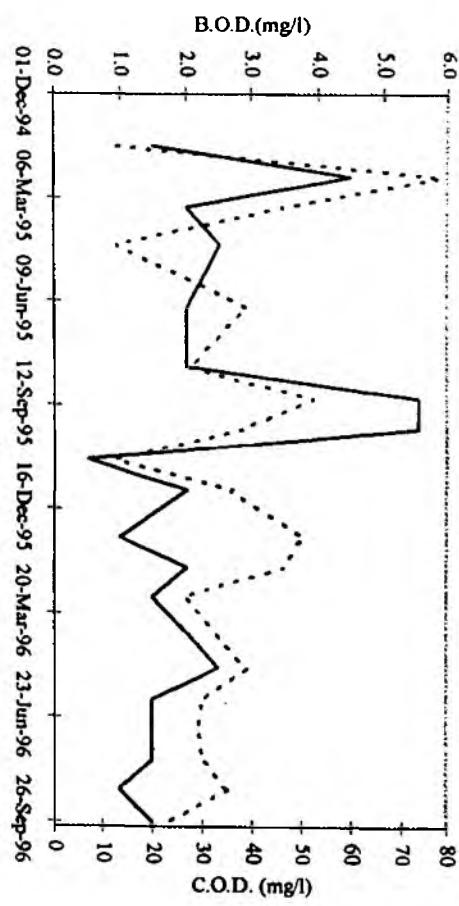
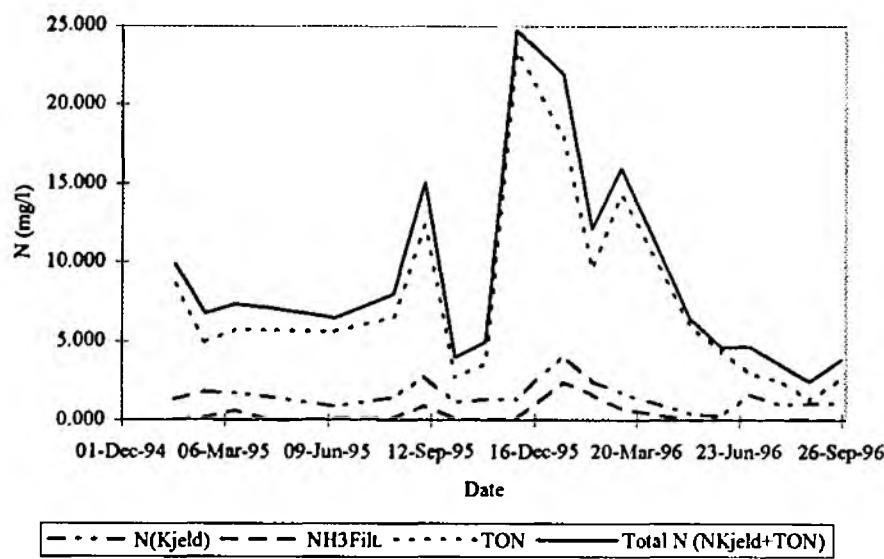
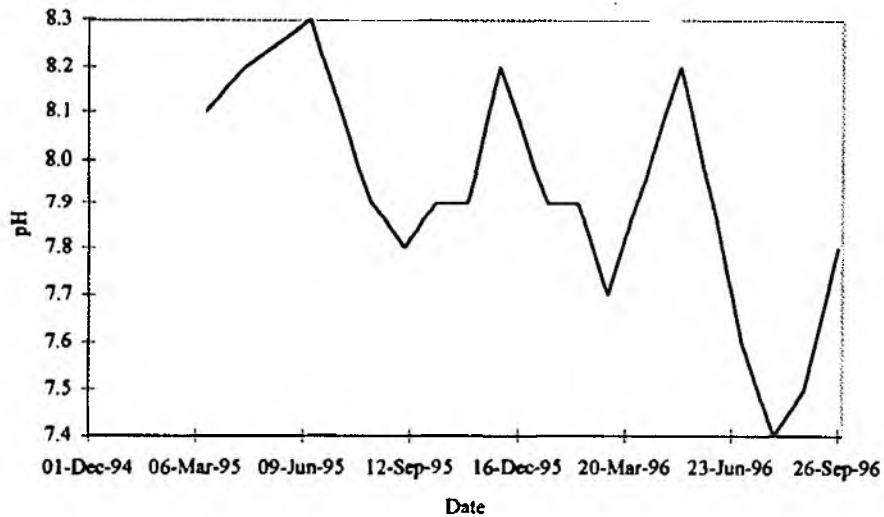


Figure 7 Clifton Brook (conf. Avon)

### N at Clifton Brook(confl. Avon)



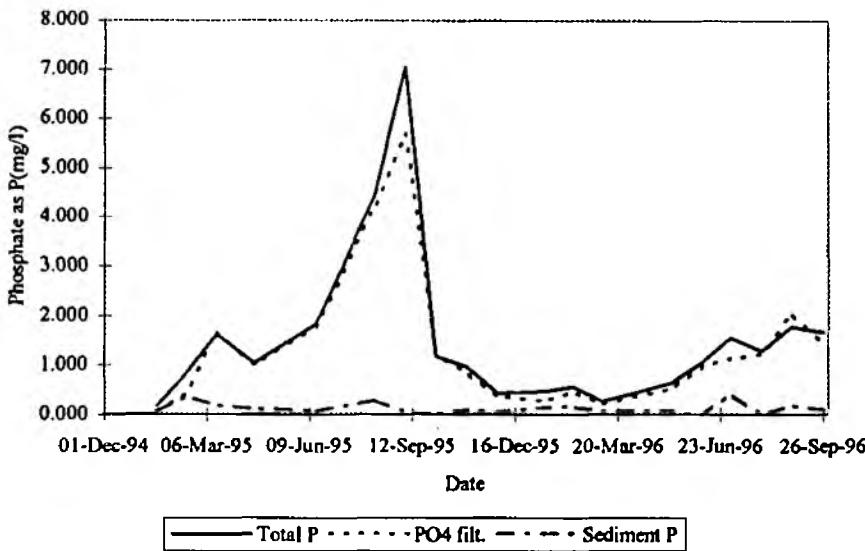
### pH at Clifton Brook(confl. Avon)



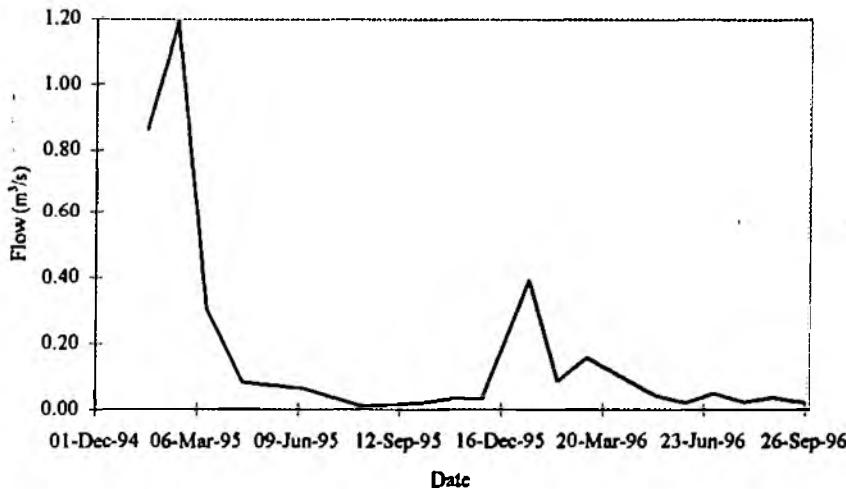
(Figure 7 cont.)

13

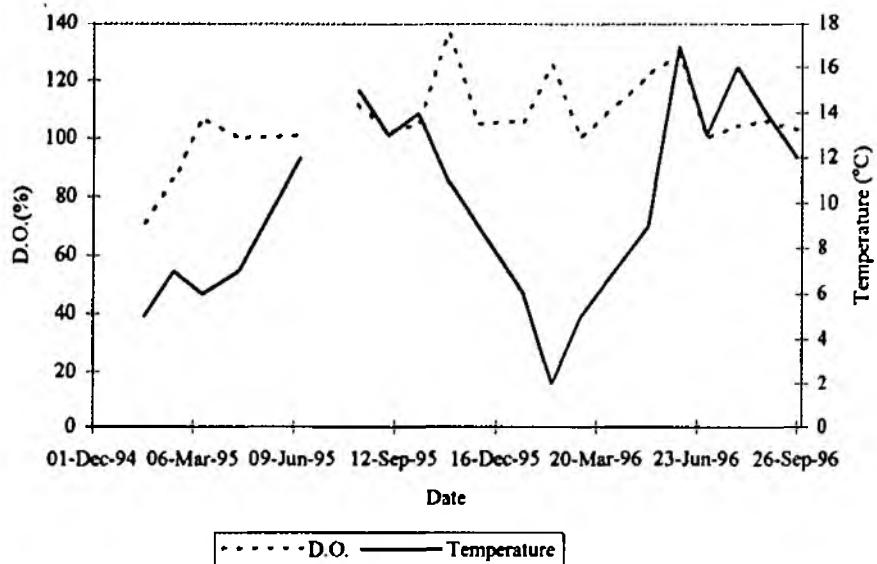
P at Clifton Brook(confl. Avon)



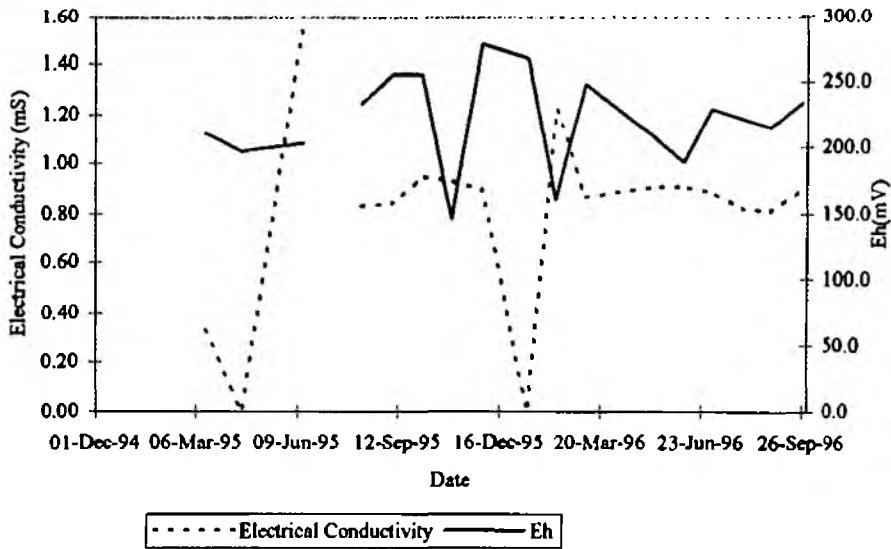
Flow at Clifton Brook(confl. Avon)



### D.O. and Temperature at Lutterworth(Swift)

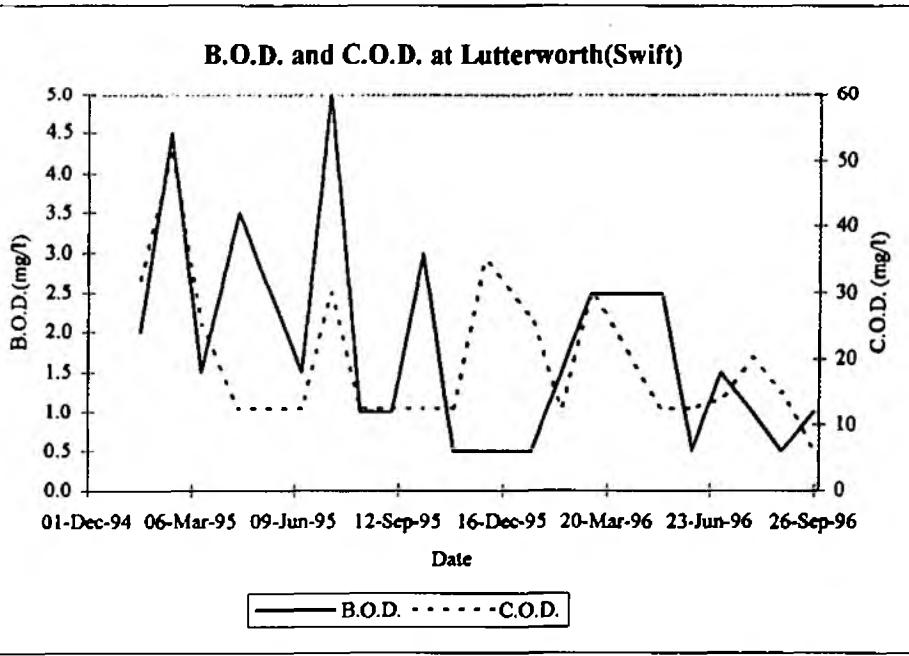
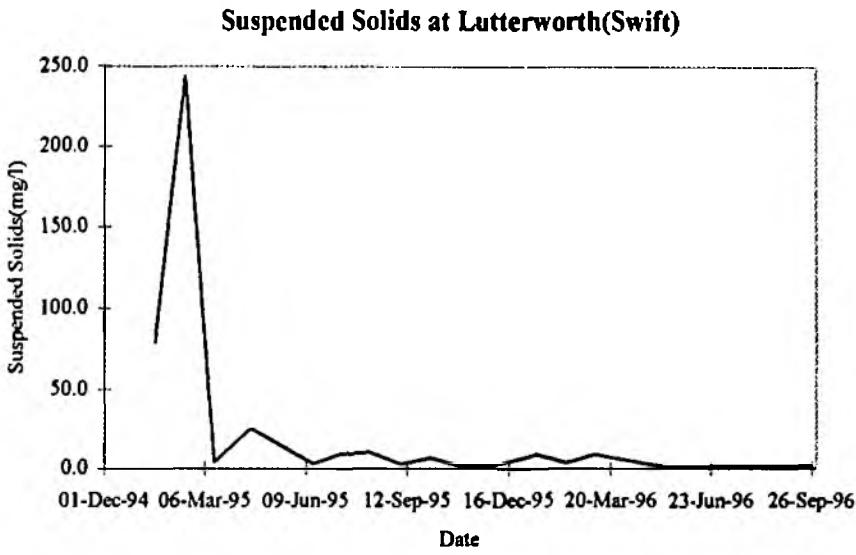


### Electrical Conductivity and Eh at Lutterworth(Swift)

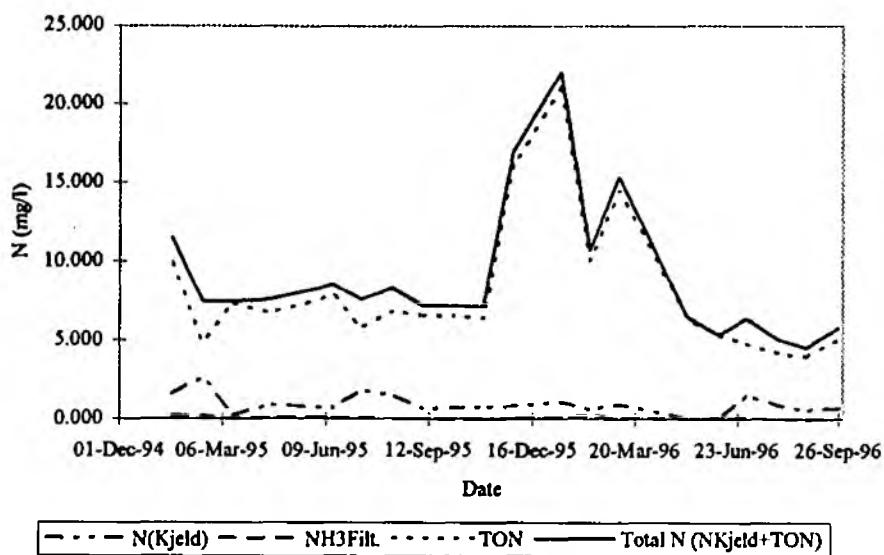


**Figure 8 Lutterworth (Swift)**

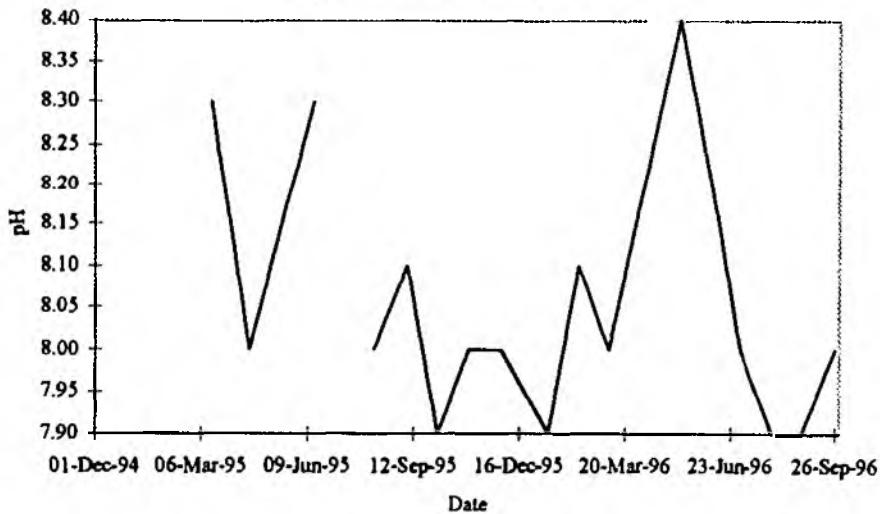
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### N at Lutterworth(Swift)



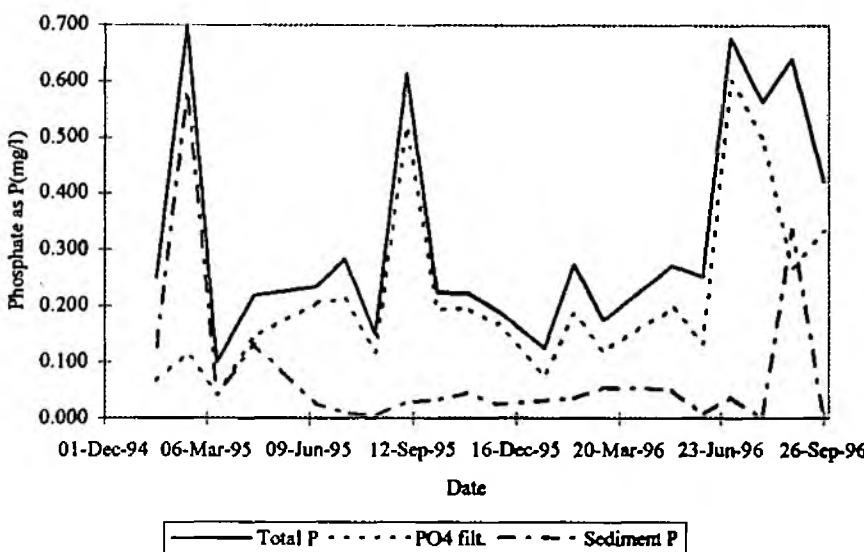
### pH at Lutterworth(Swift)



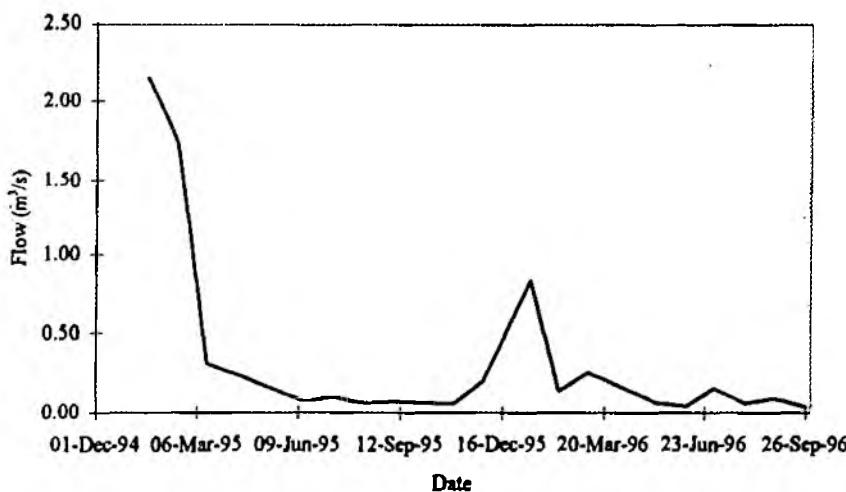
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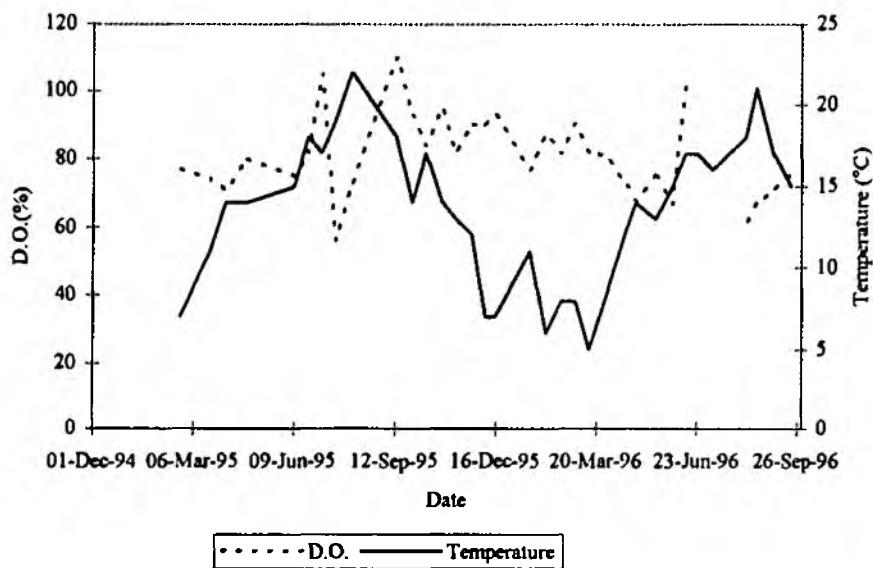
P at Lutterworth(Swift)



Flow at Lutterworth(Swift)



### D.O. and Temperature at Lutterworth STW



### Electrical Conductivity and Eh at Lutterworth STW

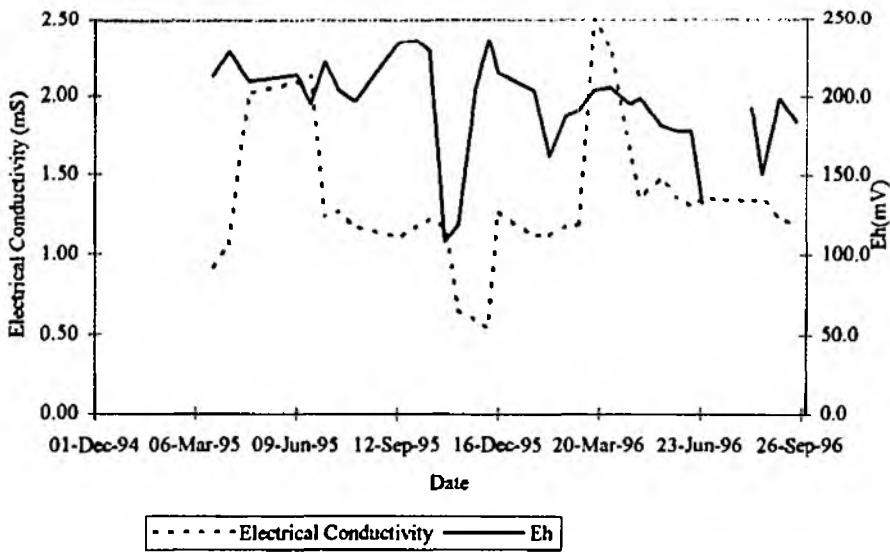
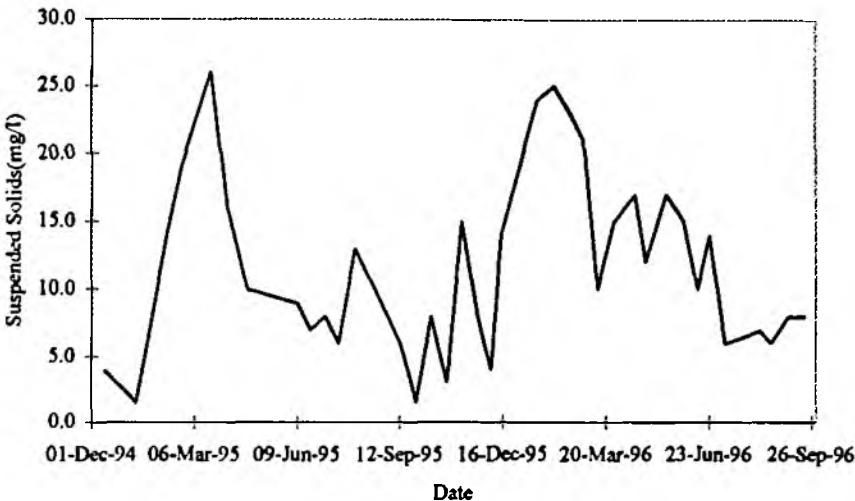


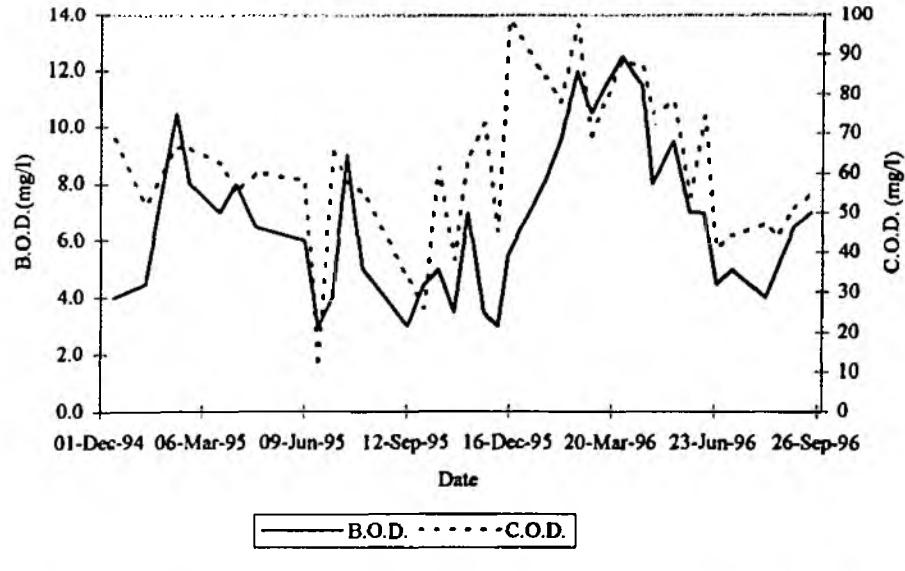
Figure 9 Lutterworth STW

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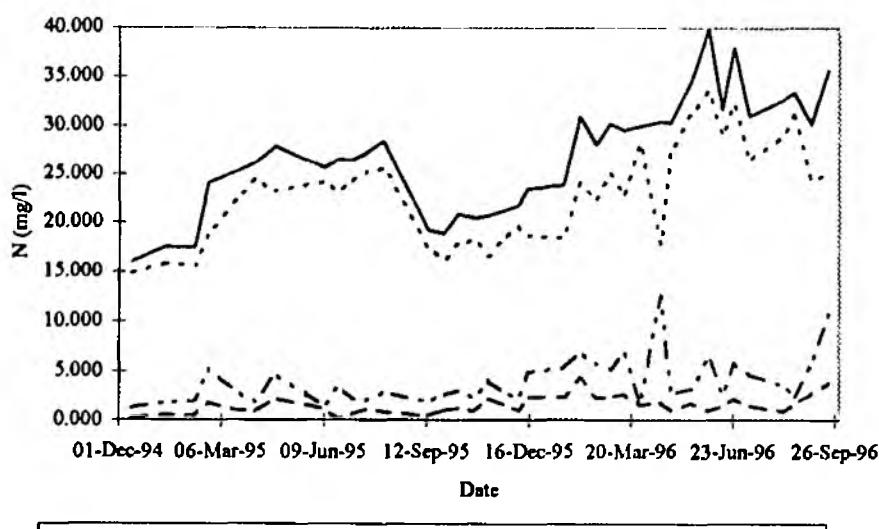
### Suspended Solids at Lutterworth STW



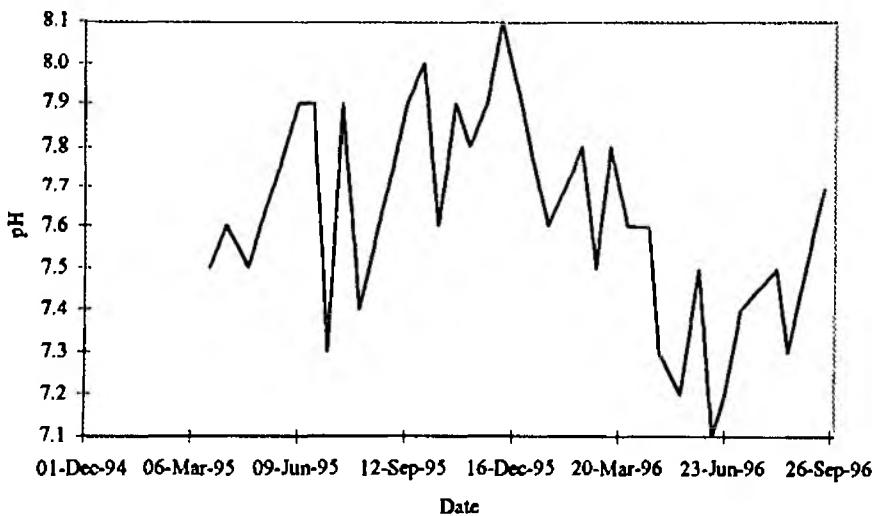
### B.O.D. and C.O.D. at Lutterworth STW



### N at Lutterworth STW



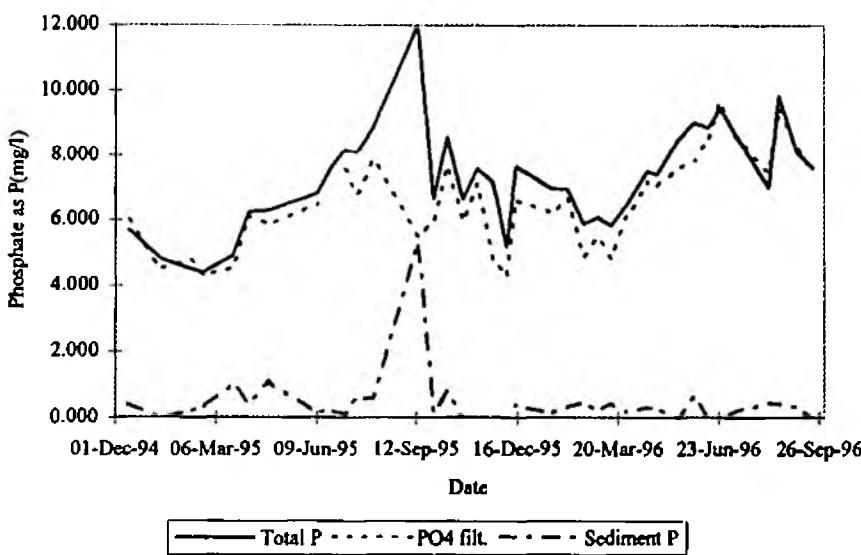
### pH at Lutterworth STW



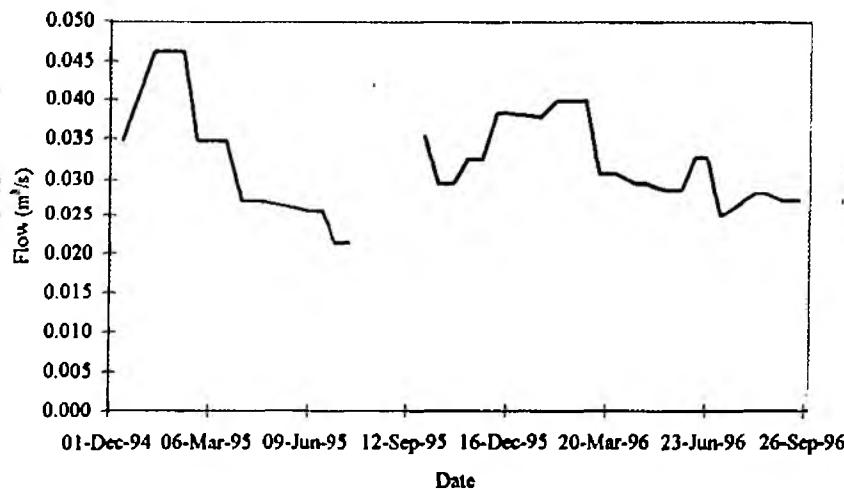
(Figure 9 cont.)

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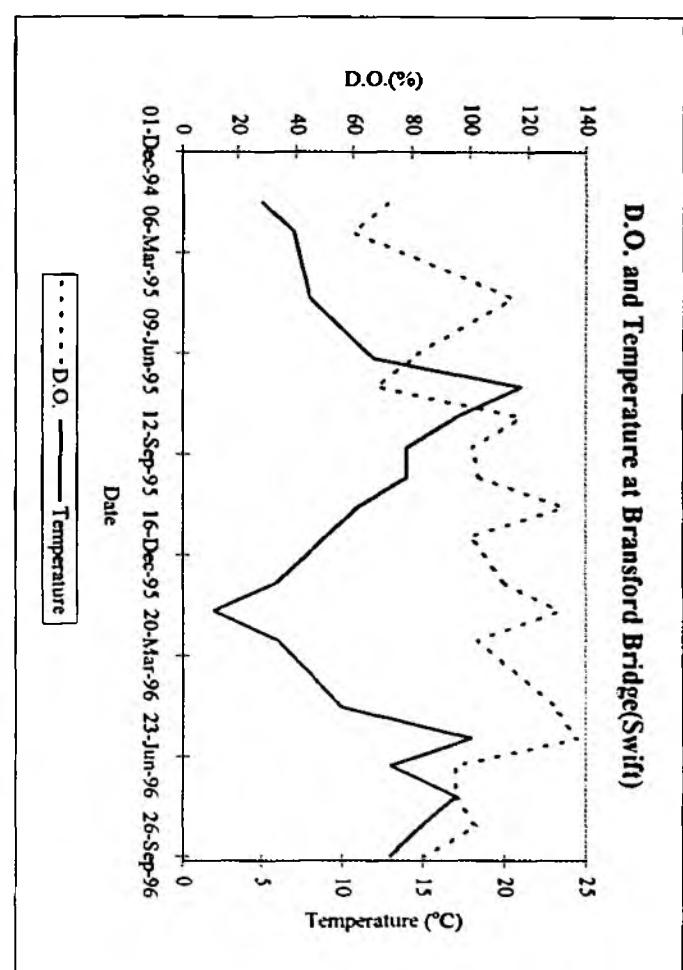
### P at Lutterworth STW



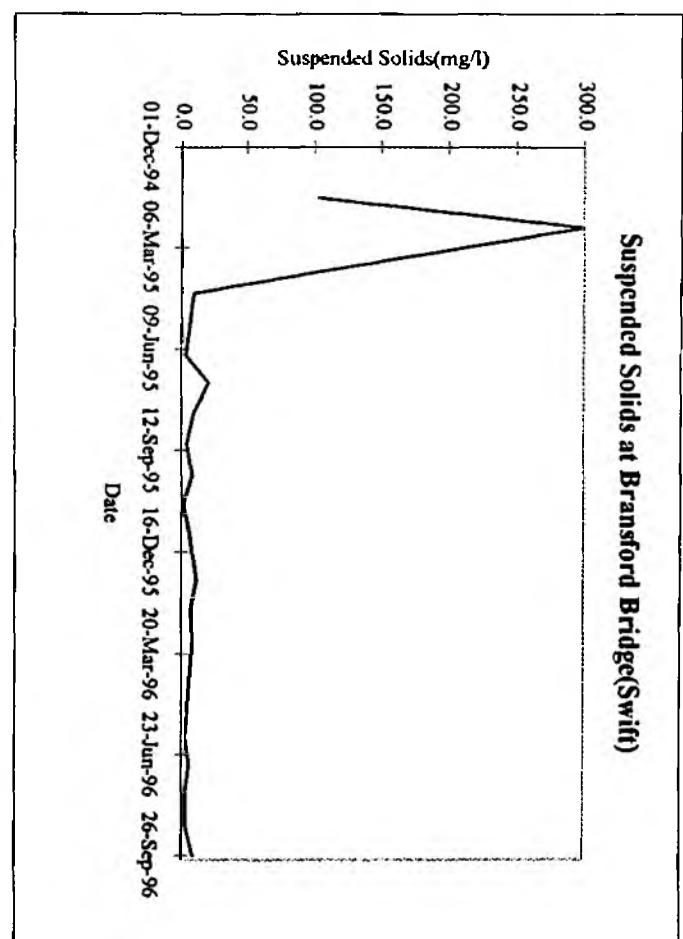
### Flow at Lutterworth STW



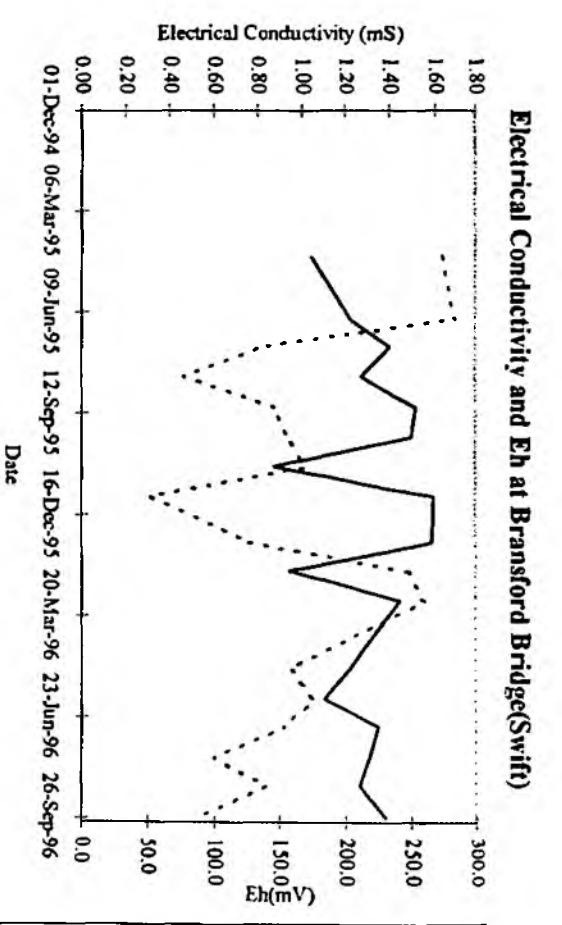
D.O. and Temperature at Bransford Bridge(Swift)



Suspended Solids at Bransford Bridge(Swift)



Electrical Conductivity and Eh at Bransford Bridge(Swift)



B.O.D. and C.O.D. at Bransford Bridge(Swift)

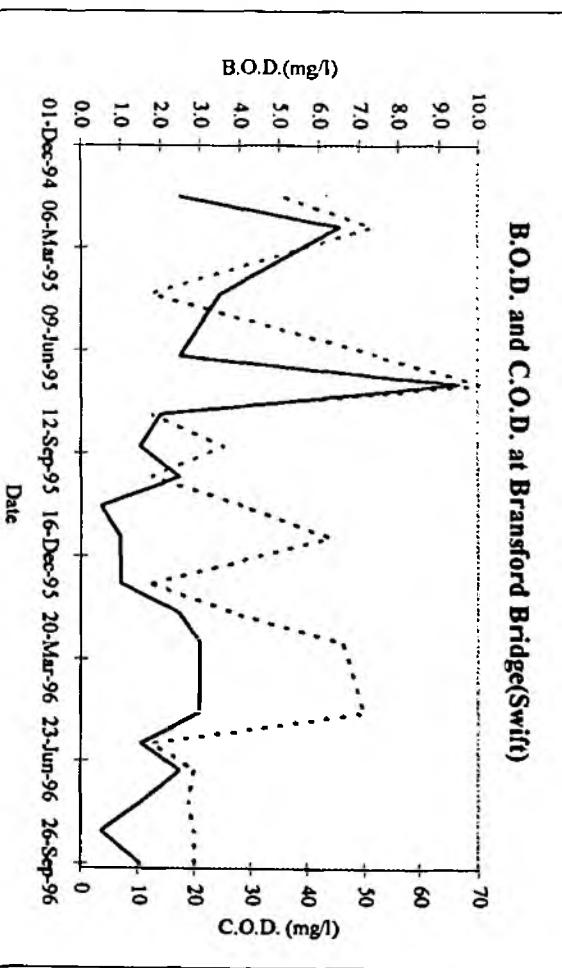
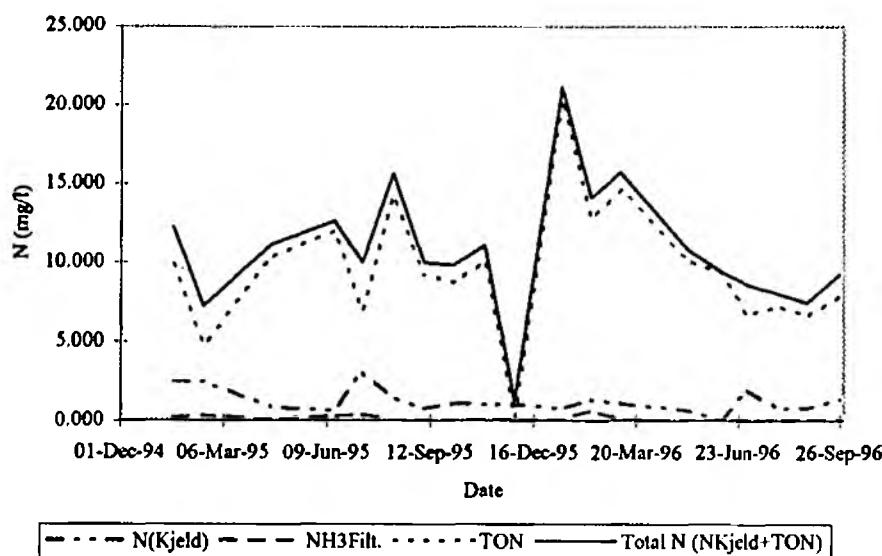
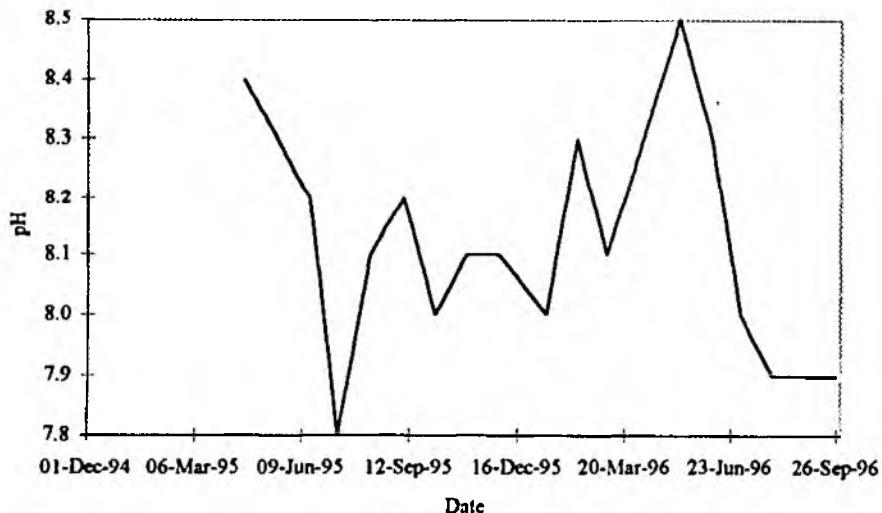


Figure 10 Bransford Bridge (Swift)

### N at Bransford Bridge(Swift)



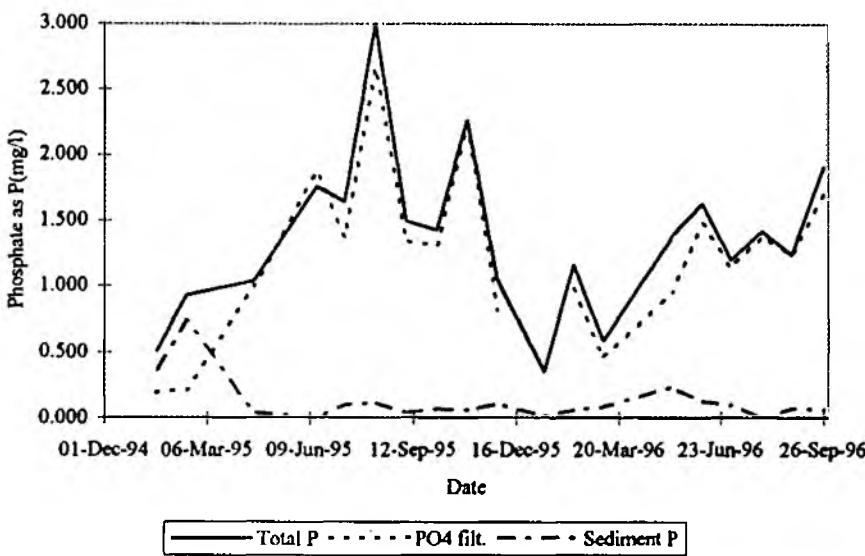
### pH at Bransford Bridge(Swift)



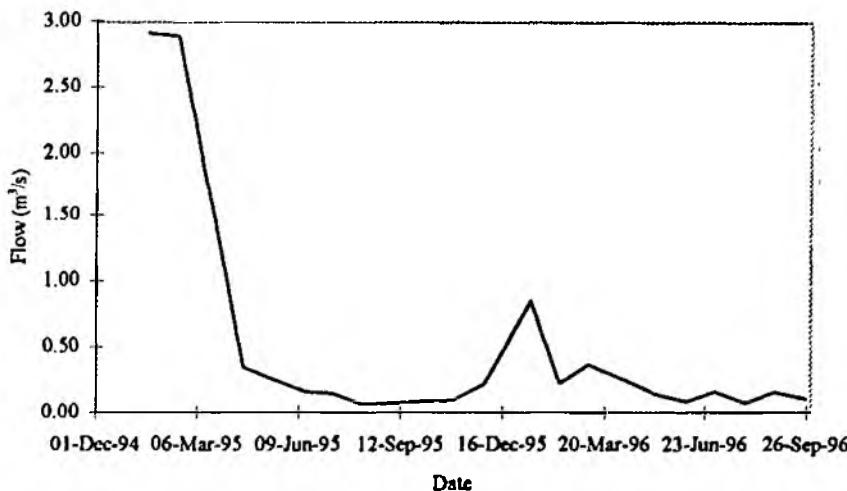
(Figure 10 cont.)

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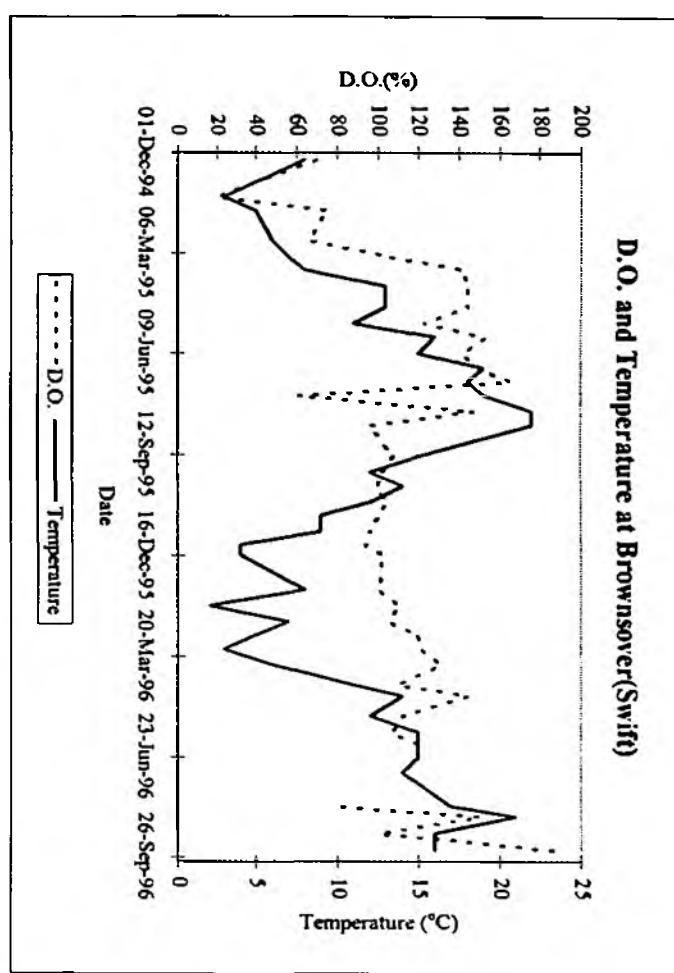
### P at Bransford Bridge(Swift)



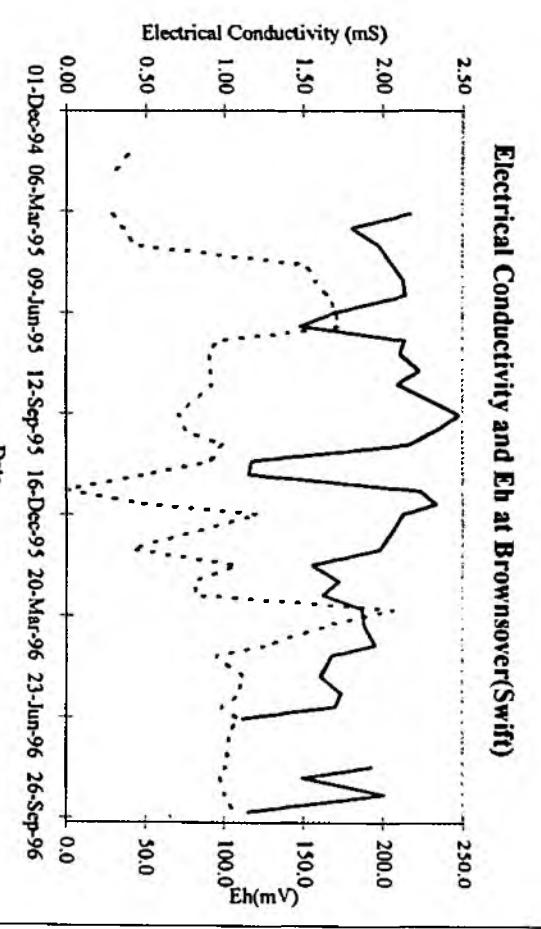
### Flow at Bransford Bridge(Swift)



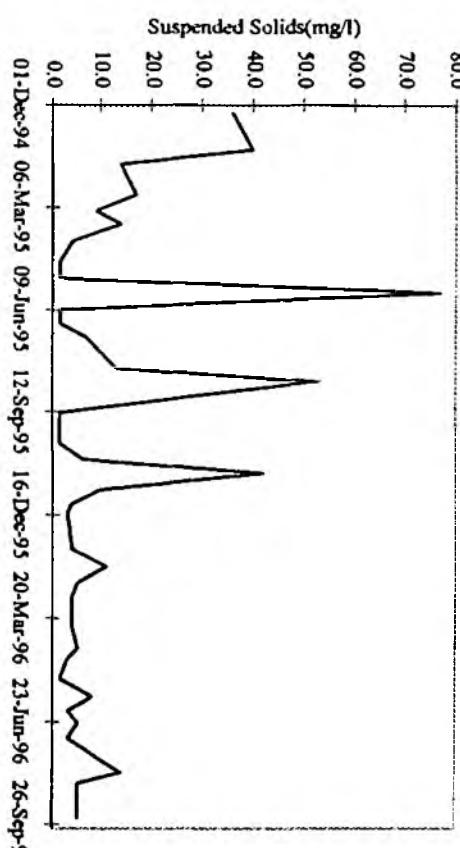
D.O. and Temperature at Brownsover(Swift)



Electrical Conductivity and Eh at Brownsover(Swift)



Suspended Solids at Brownsover(Swift)



B.O.D. and C.O.D. at Brownsover(Swift)

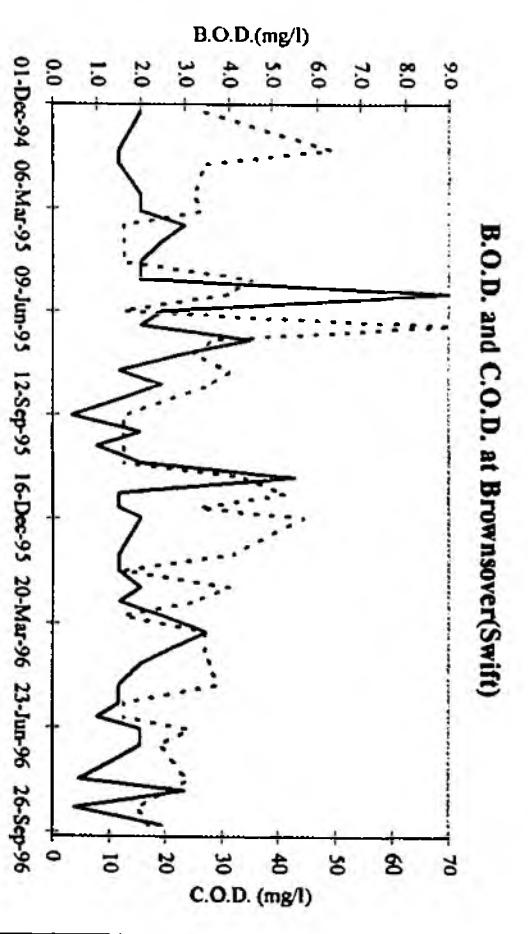
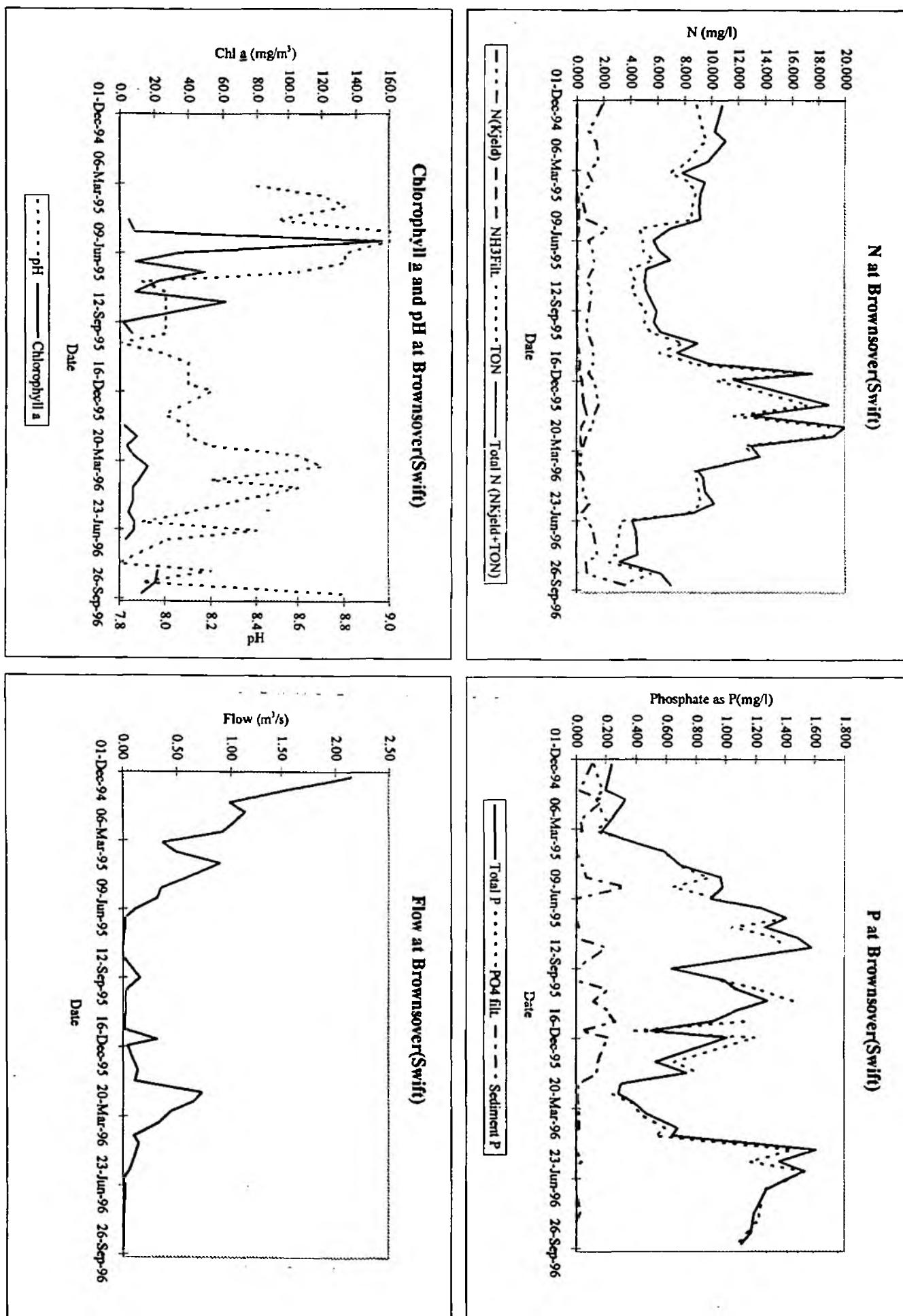
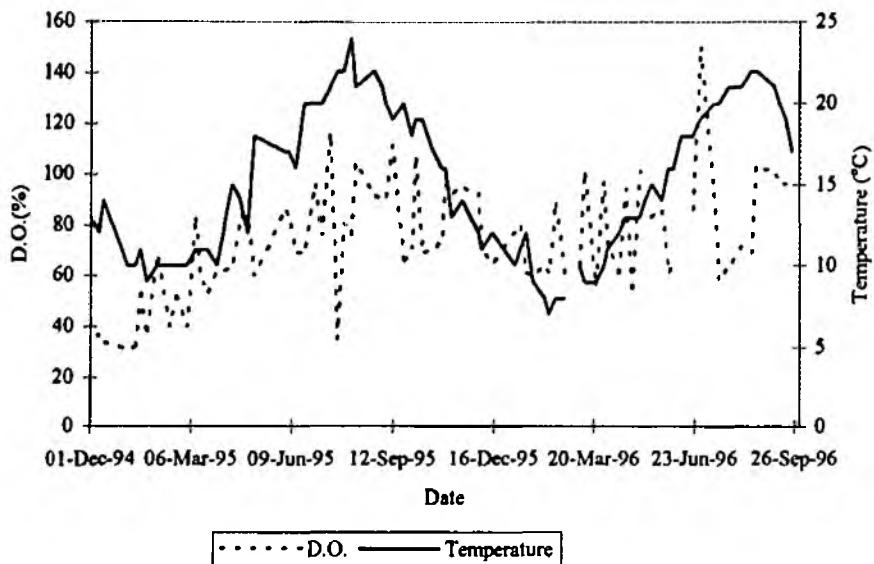


Figure 11 Brownsover (Swift)

(Figure 11 cont.)



### D.O. and Temperature at Rugby Newbold STW



### Electrical Conductivity and Eh at Rugby Newbold STW

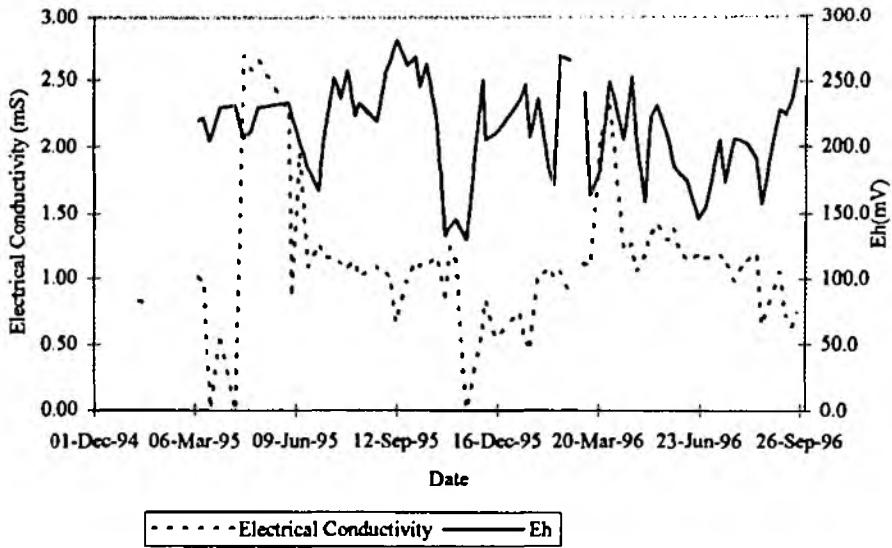
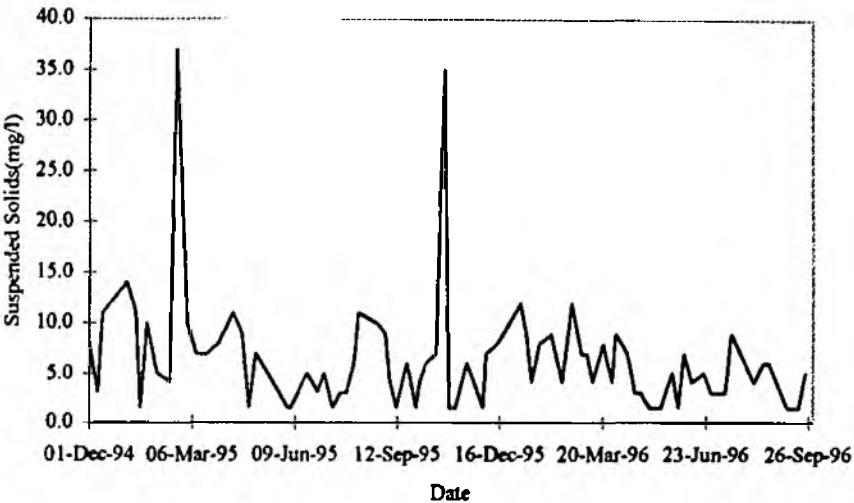


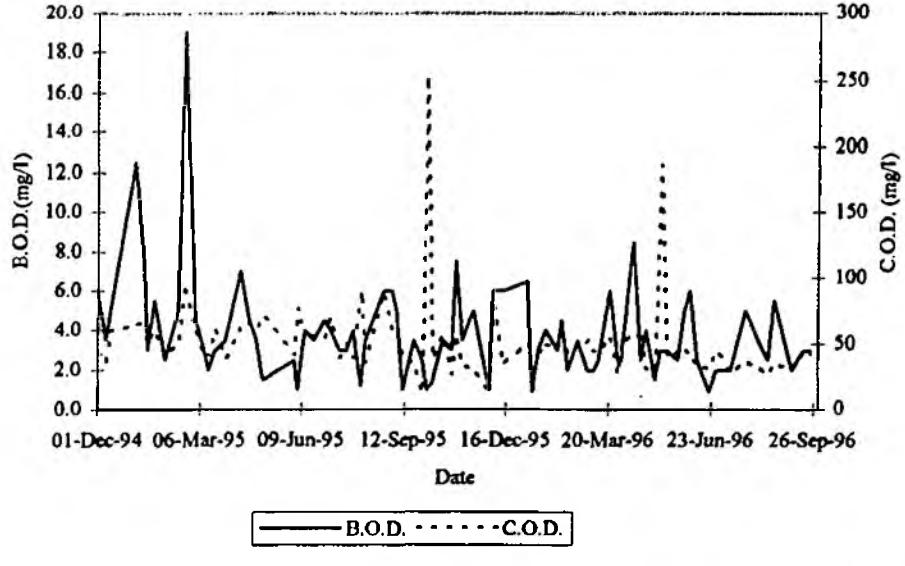
Figure 12 Rugby Newbold STW

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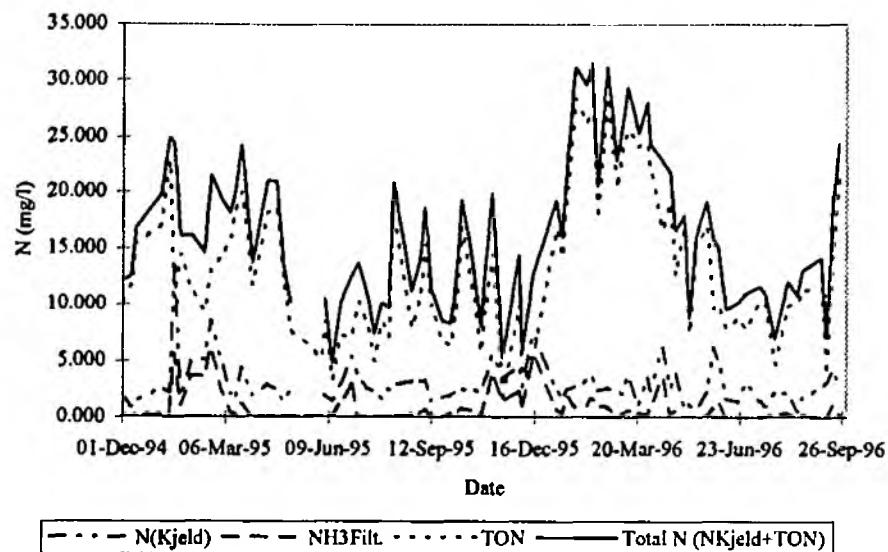
### Suspended Solids at Rugby Newbold STW



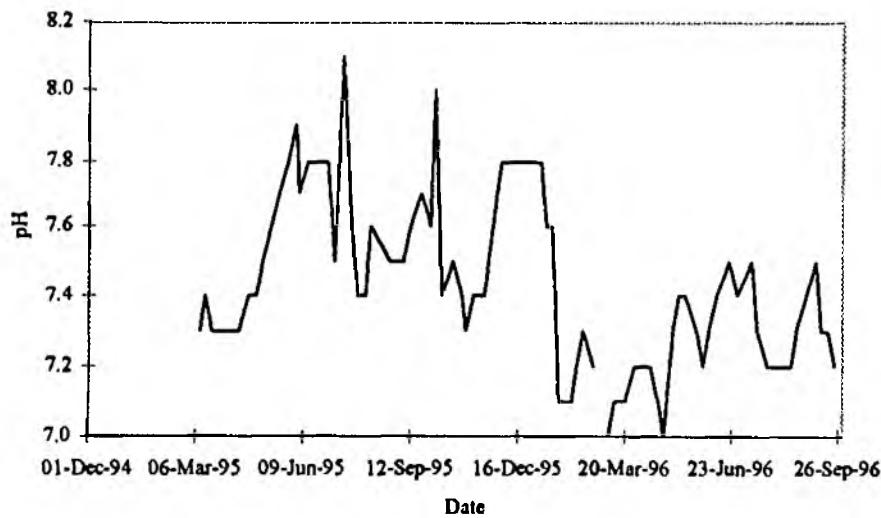
### B.O.D. and C.O.D. at Rugby Newbold STW



### N at Rugby Newbold STW



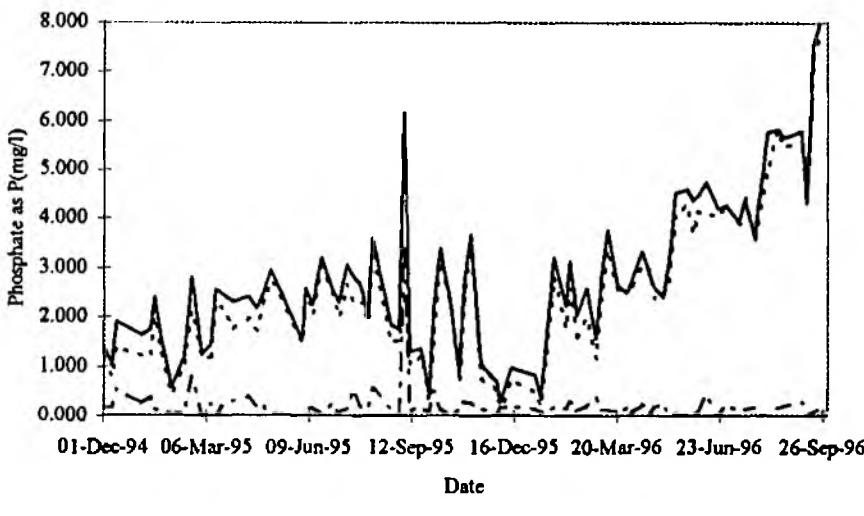
### pH at Rugby Newbold STW



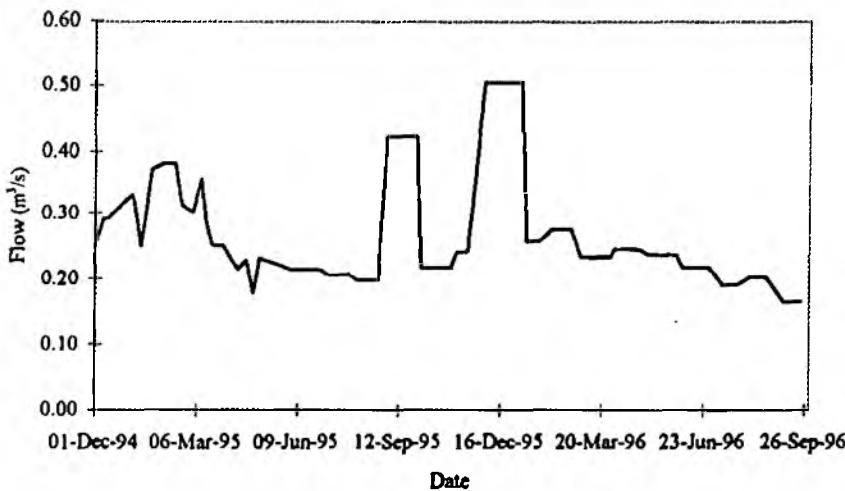
(Figure 12 cont.)

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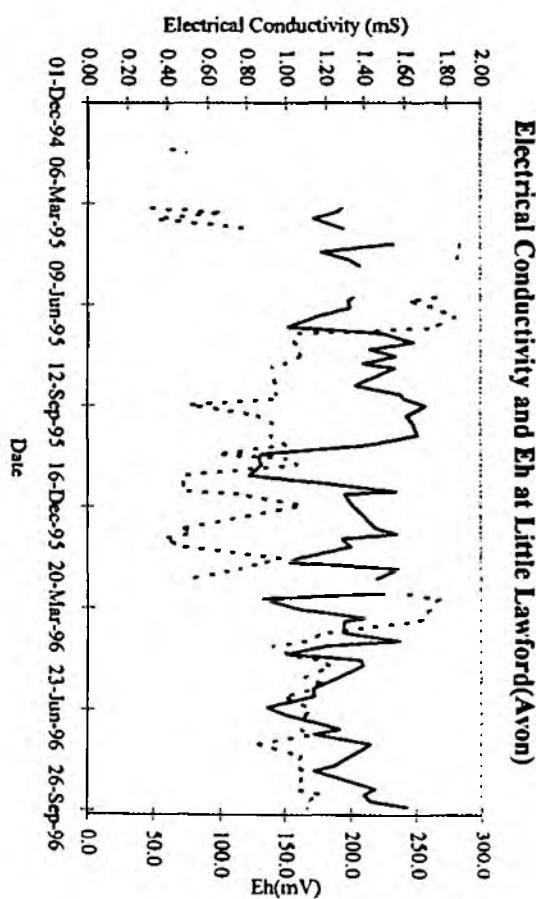
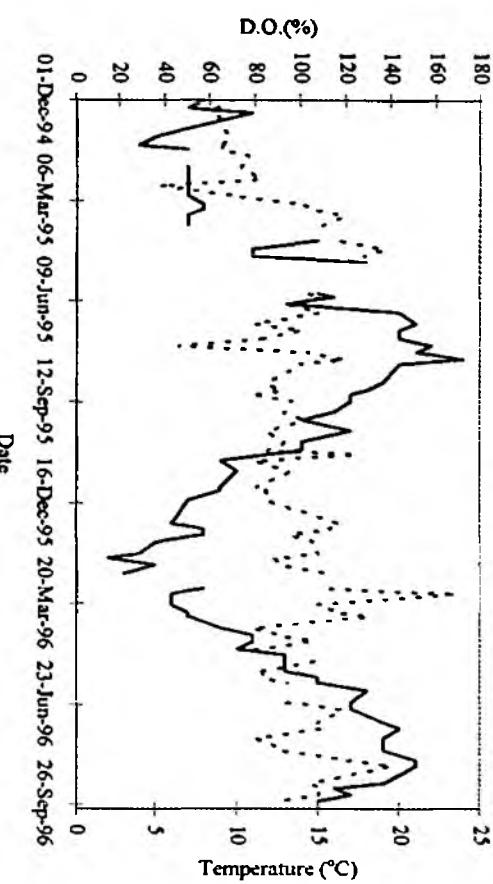
P at Rugby Newbold STW



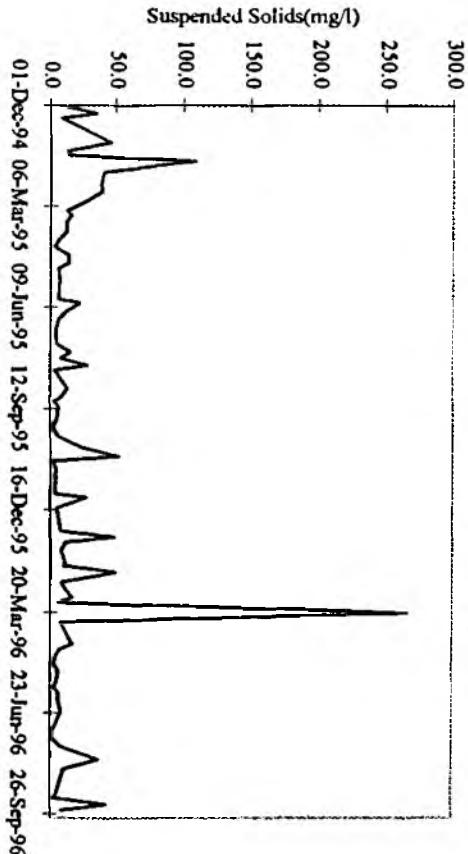
Flow at Rugby Newbold STW



D.O. and Temperature at Little Lawford(Avon)



Suspended Solids at Little Lawford(Avon)



B.O.D. and C.O.D. at Little Lawford(Avon)

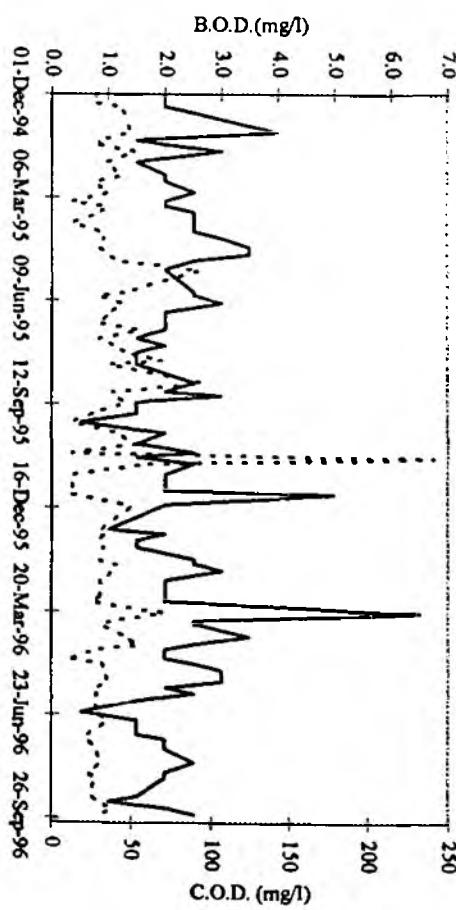
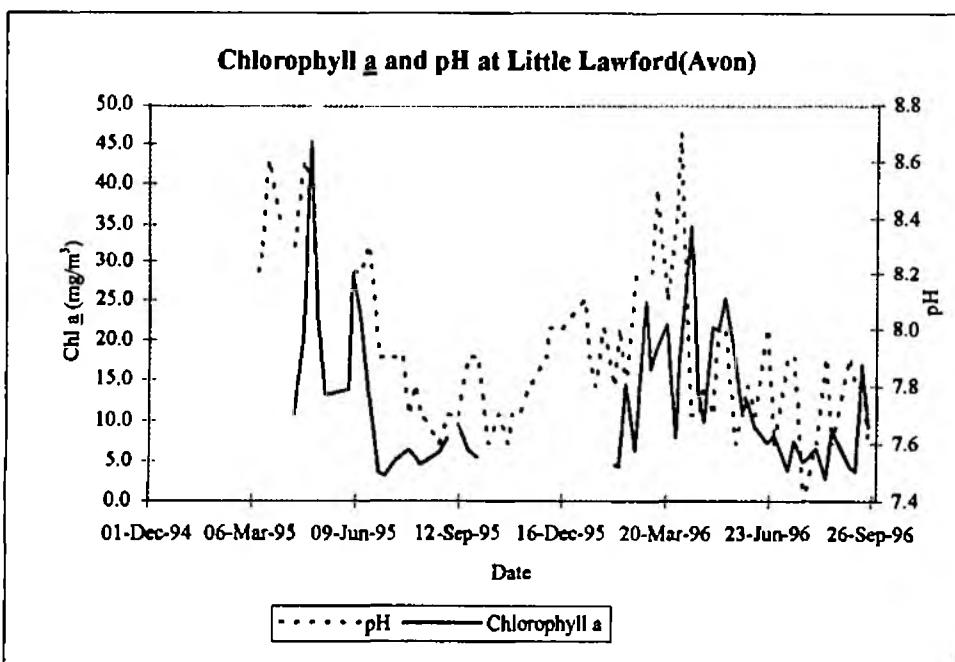
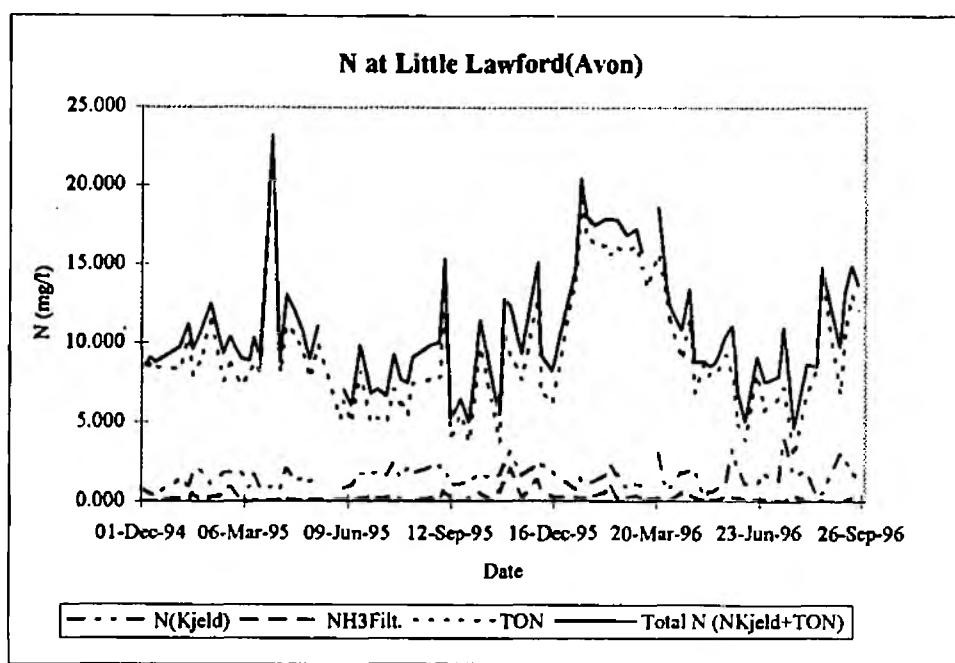


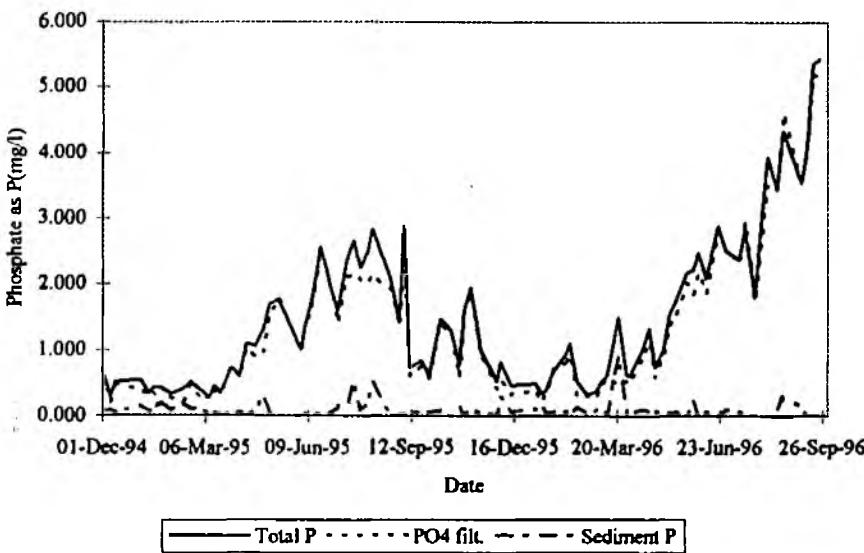
Figure 13 Little Lawford (Avon)



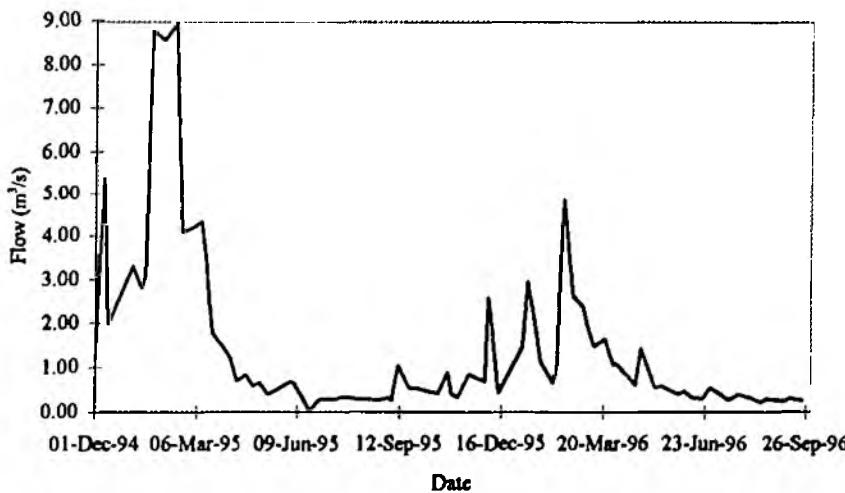
(Figure 13 cont.)

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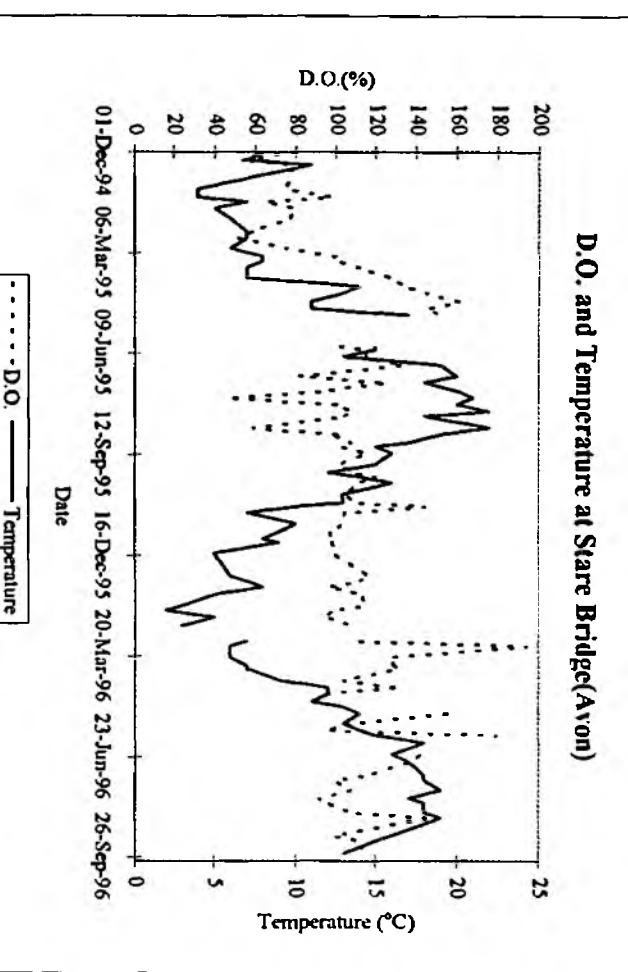
### P at Little Lawford(Avon)



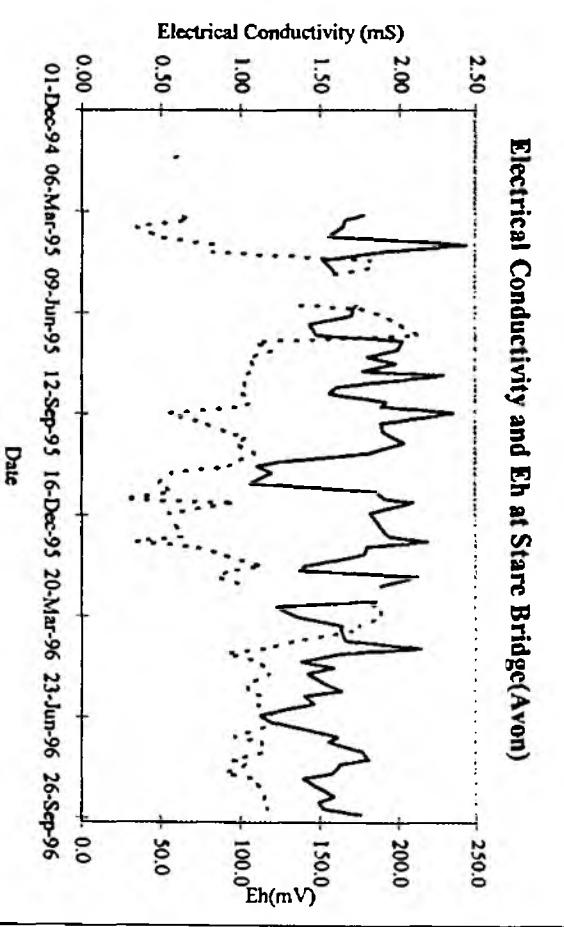
### Flow at Little Lawford(Avon)



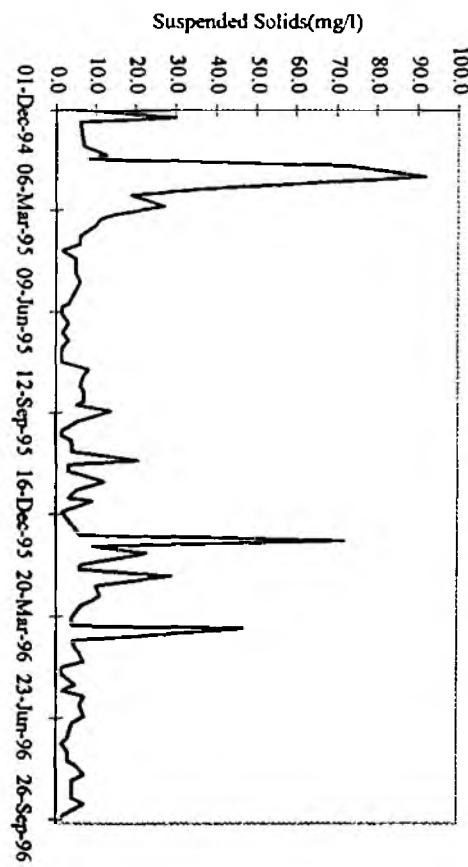
D.O. and Temperature at Stare Bridge(Avon)



Electrical Conductivity and Eh at Stare Bridge(Avon)



Suspended Solids at Stare Bridge(Avon)



B.O.D. and C.O.D. at Stare Bridge(Avon)

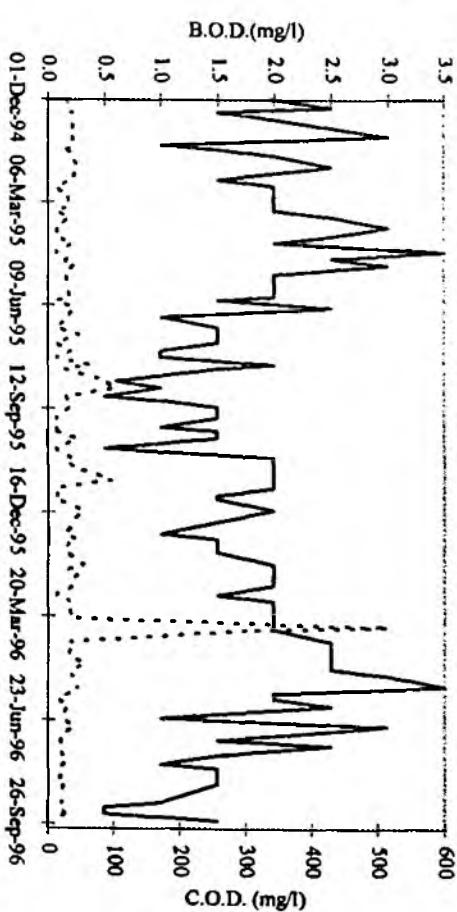
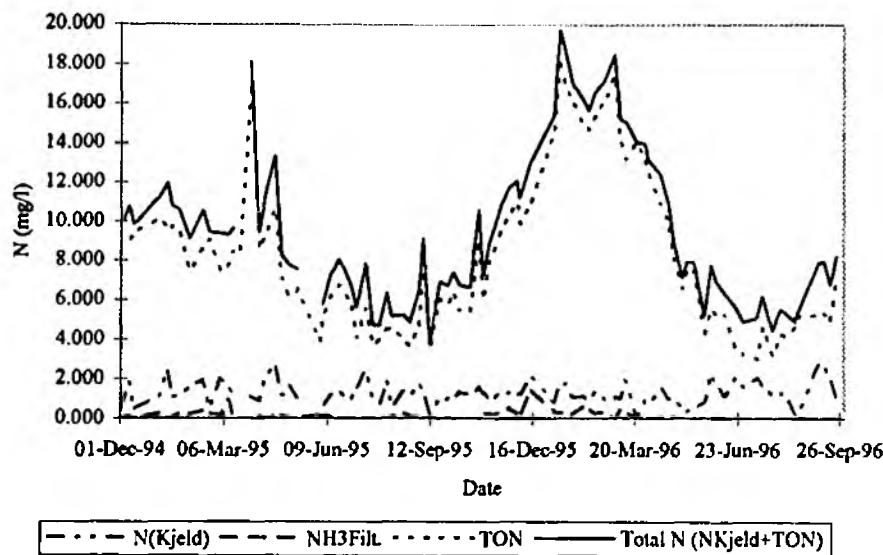
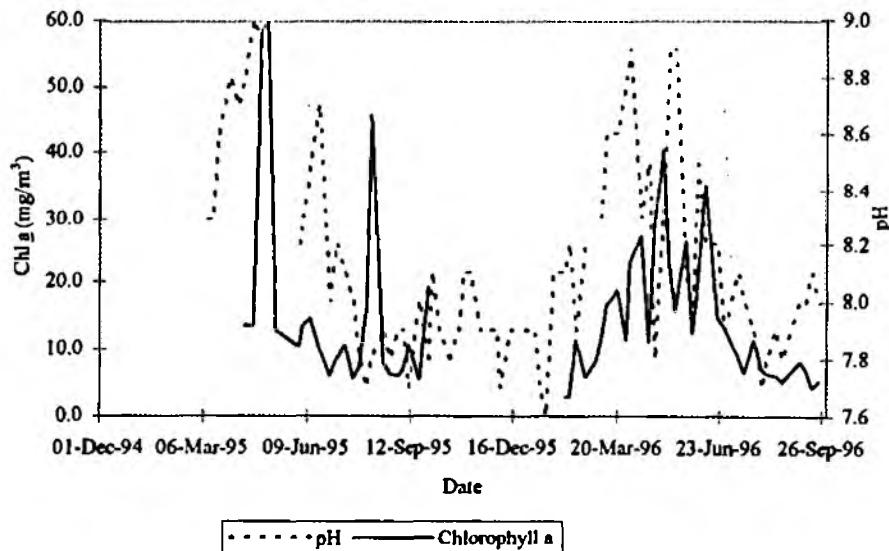


Figure 14 Stare Bridge (Avon)

### N at Stare Bridge(Avon)



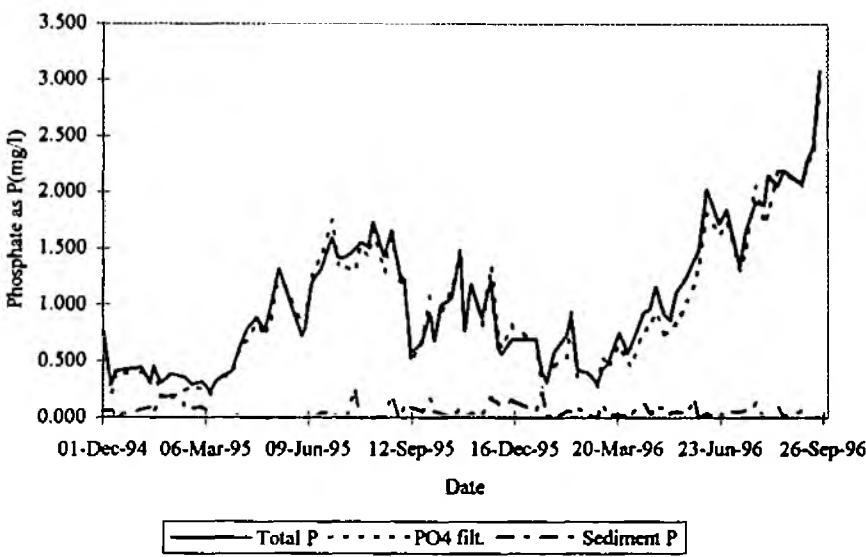
### Chlorophyll a and pH at Stare Bridge(Avon)



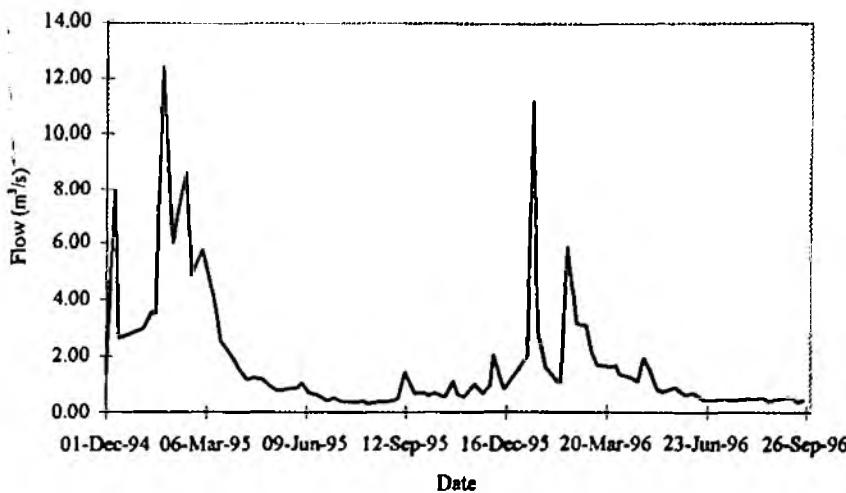
(Figure 14 cont.)

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### P at Stare Bridge(Avon)



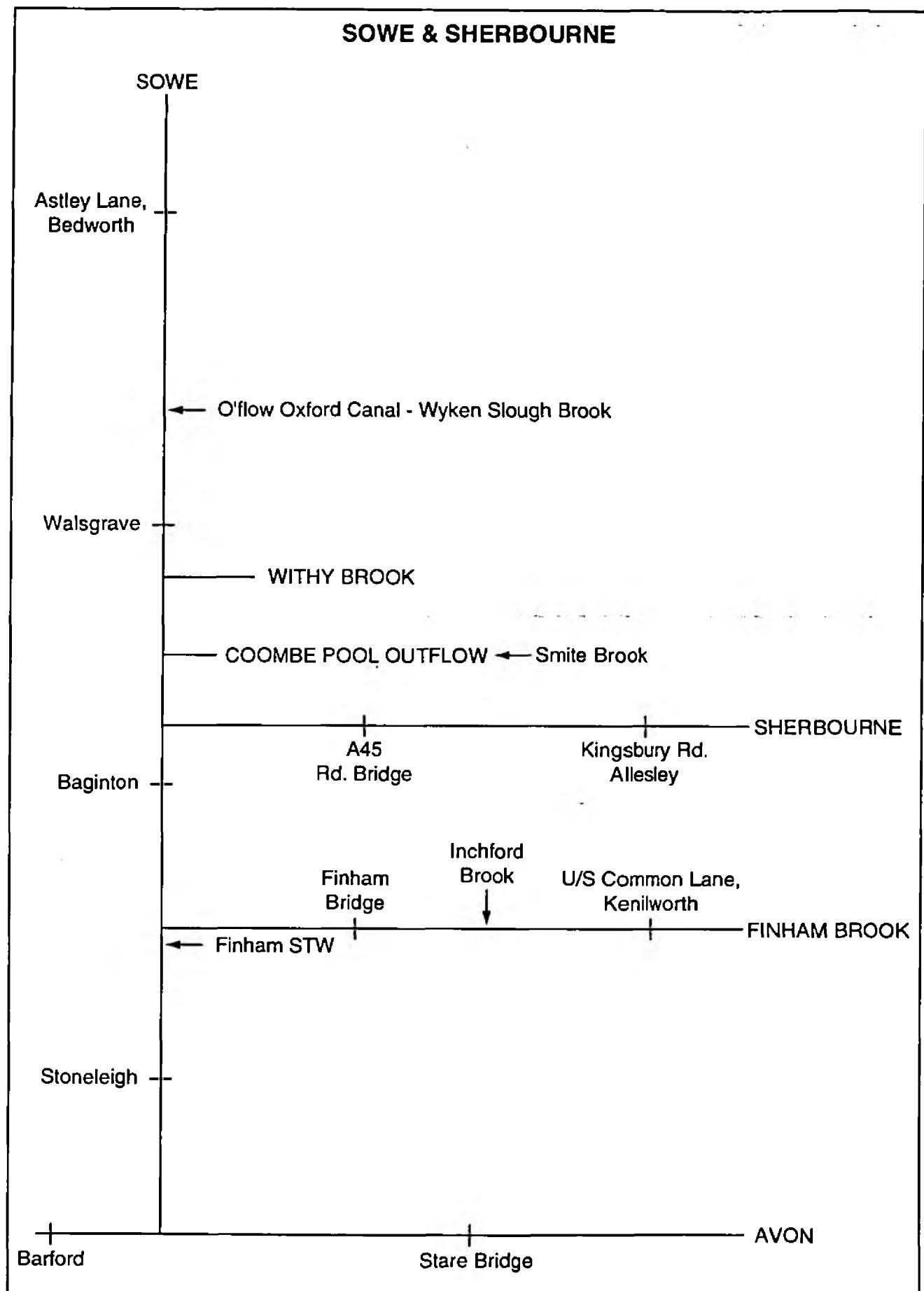
### Flow at Stare Bridge(Avon)



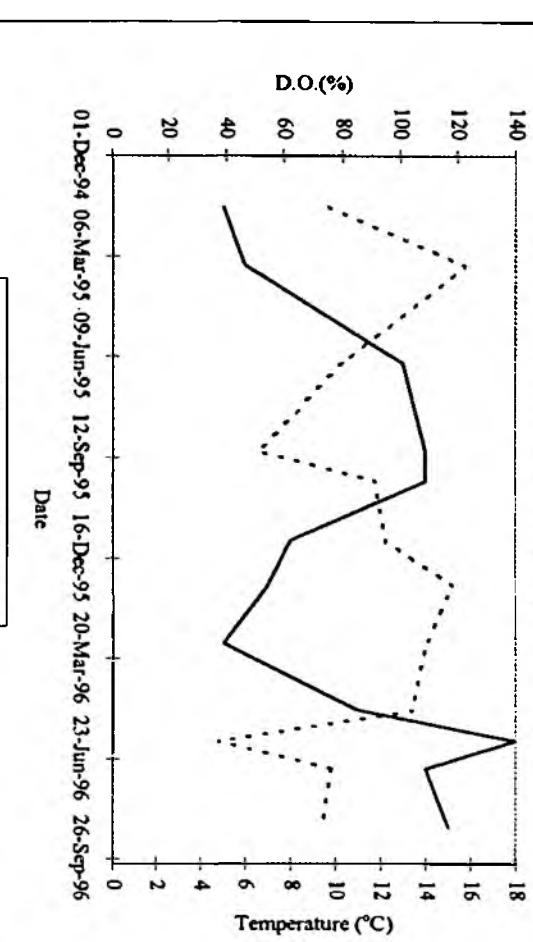
## **Appendix 1b**

### **The River Sowe and its sub-catchments**

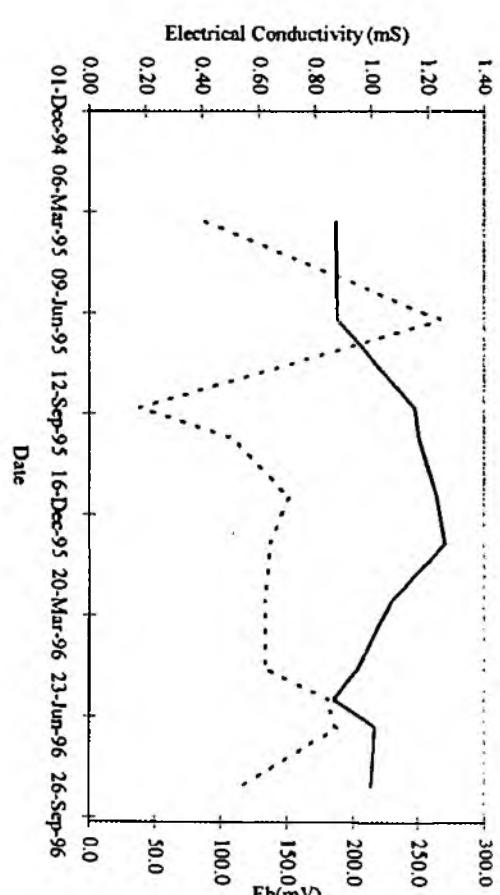
Figure 15 Site Location Map for the river Sowe and its sub-catchments



D.O. and Temperature at Astley Lane(Sowe)



Electrical Conductivity and Eh at Astley Lane(Sowe)



Suspended Solids at Astley Lane(Sowe)

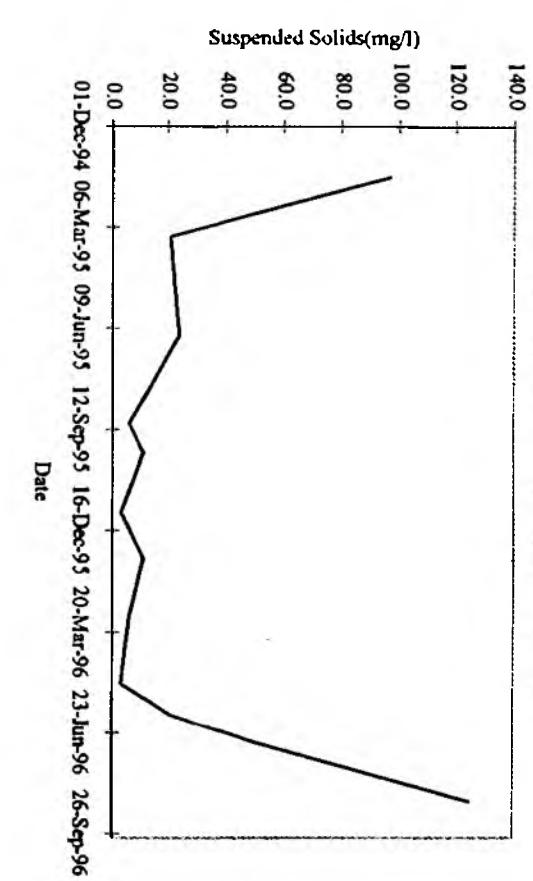
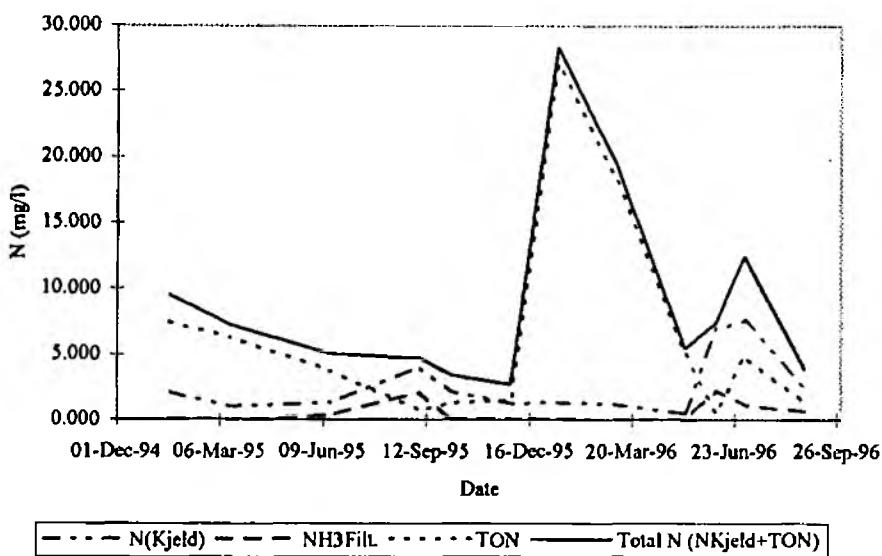
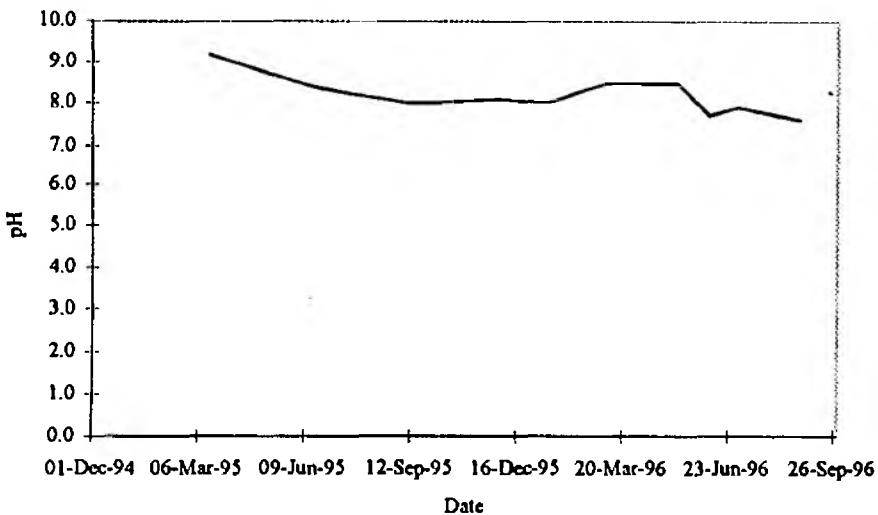


Figure 16 Astley Lane (Sowe)

### N at Astley Lane(Sowc)



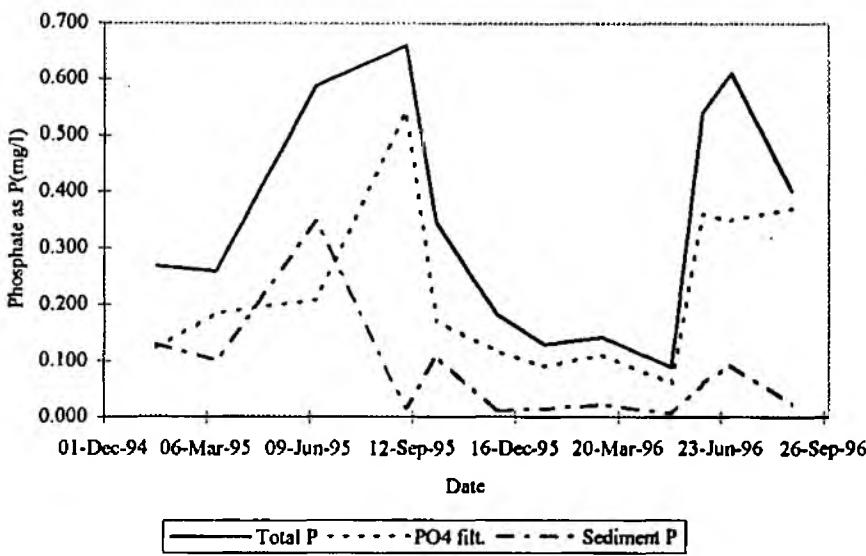
### pH at Astley Lane(Sowc)



(Figure 16 cont.)

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P at Astley Lane(Sowe)



Flow at Astley Lane(Sowe)

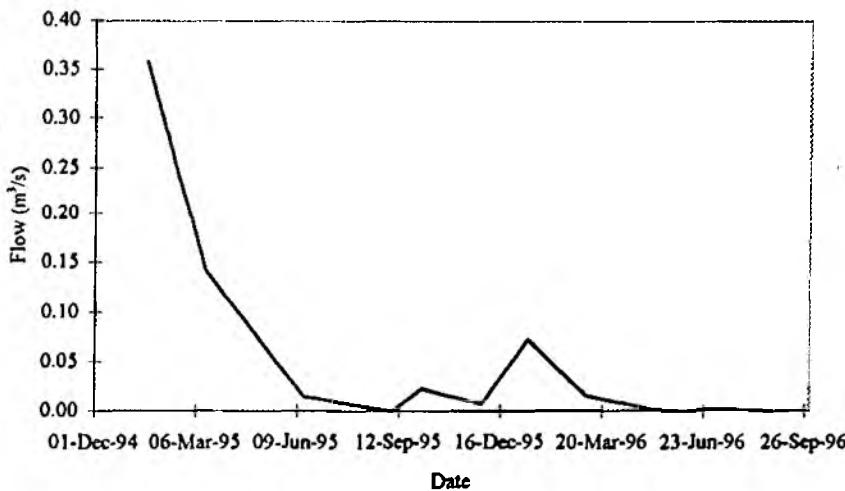
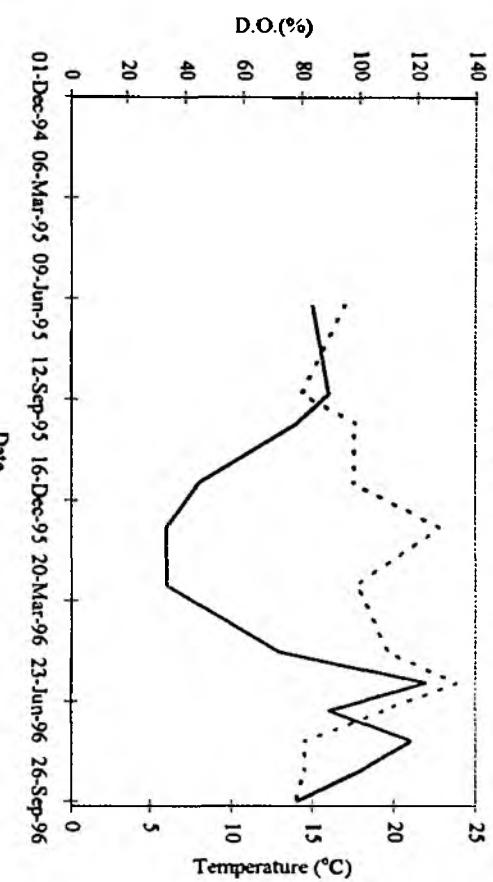
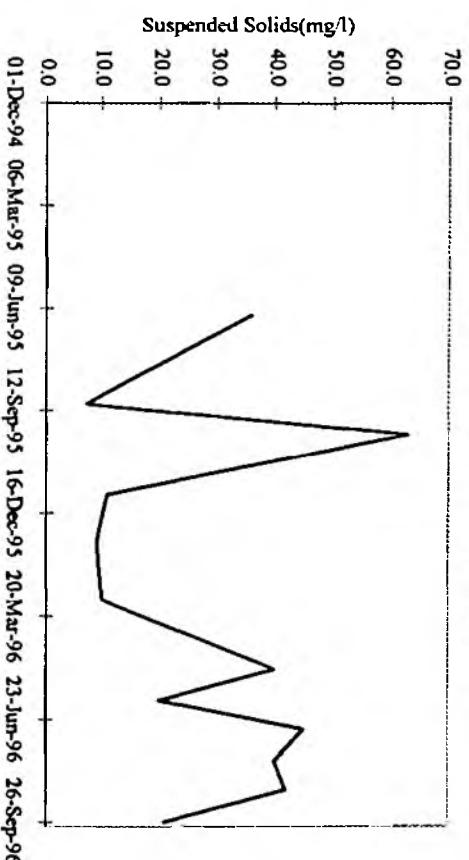


Figure 17 O'flow Oxford Canal

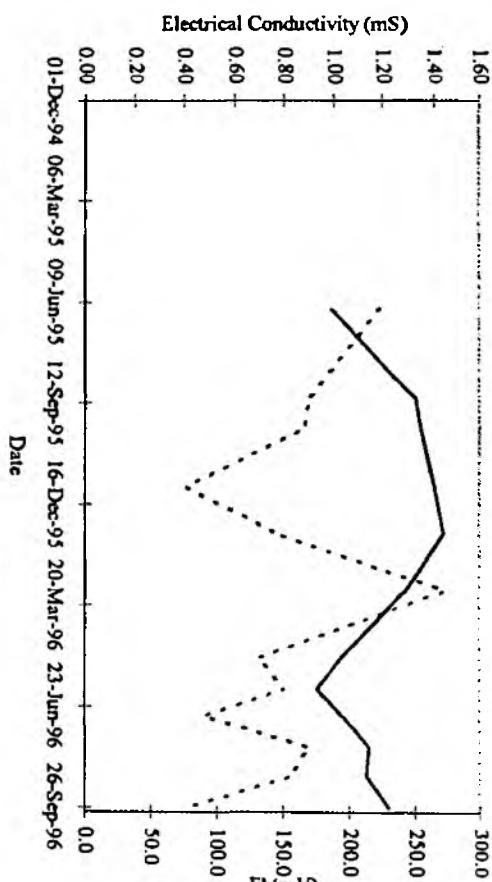
### D.O. and Temperature at O'flow Oxford Canal



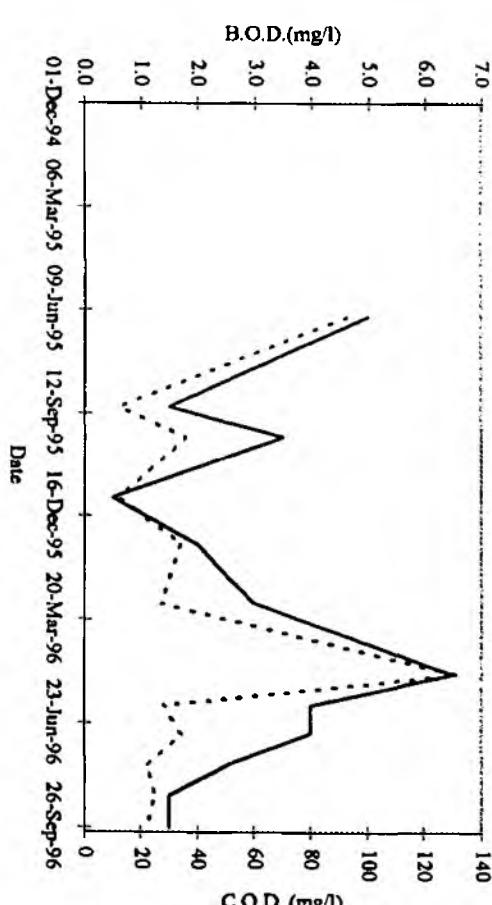
### Suspended Solids at O'flow Oxford Canal



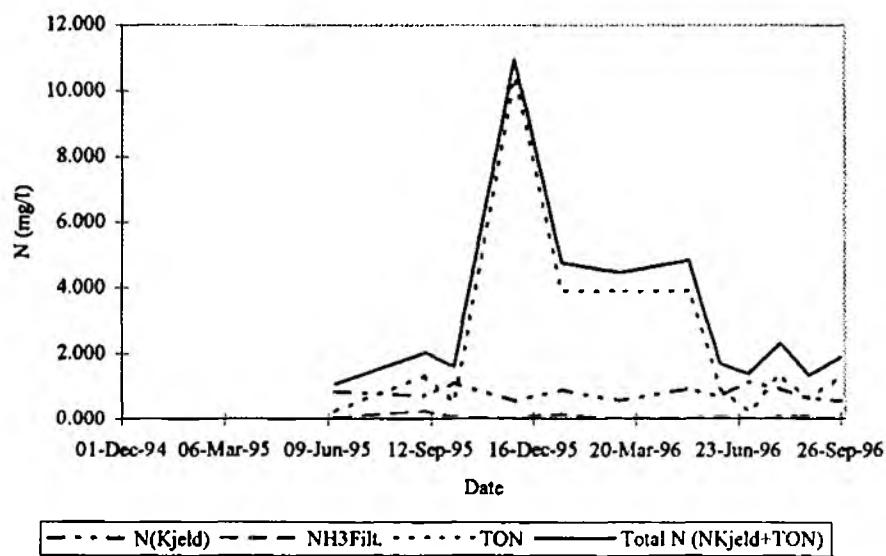
### Electrical Conductivity and Eh at O'flow Oxford Canal



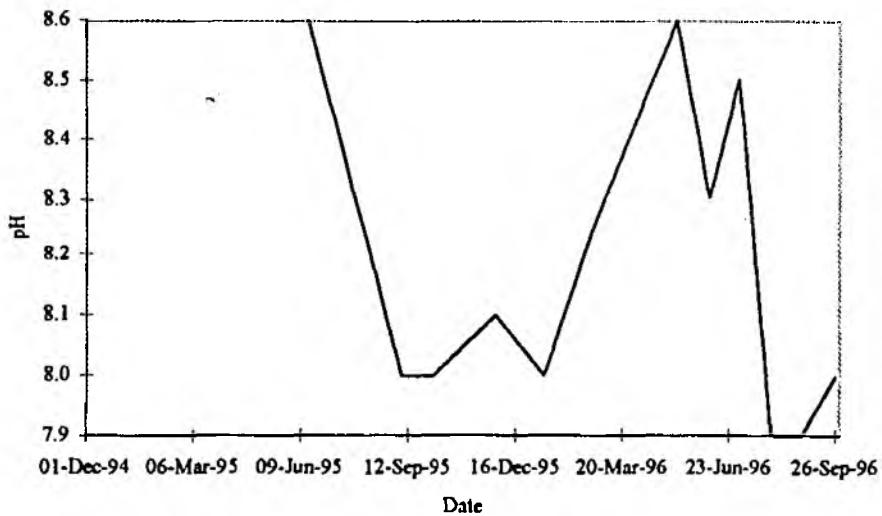
### B.O.D. and C.O.D. at O'flow Oxford Canal



### N at O'flow Oxford Canal



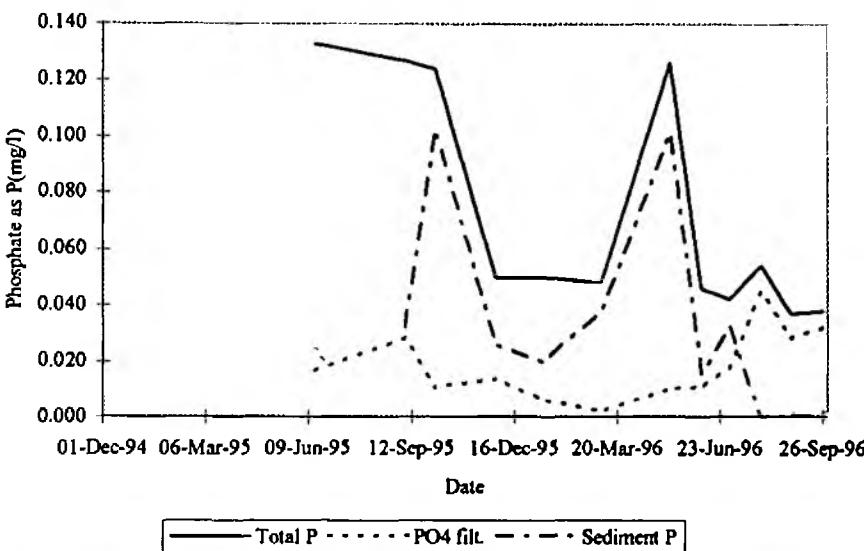
### pH at O'flow Oxford Canal



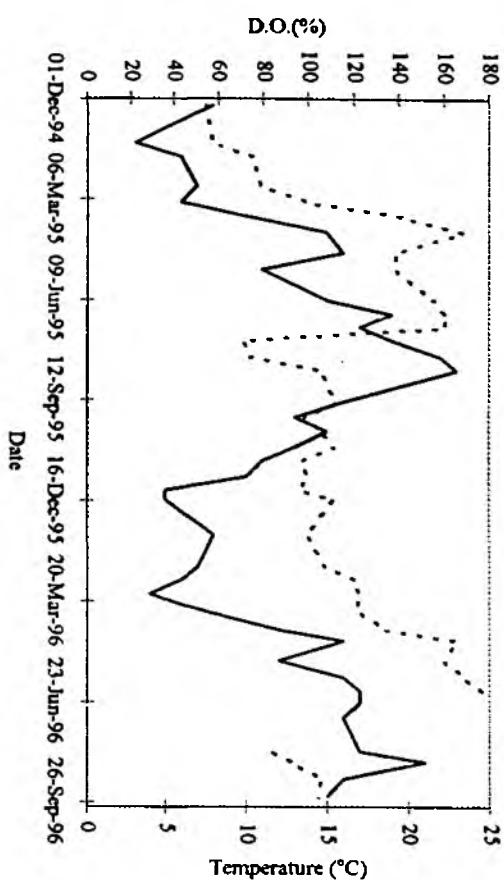
(Figure 17 cont.)

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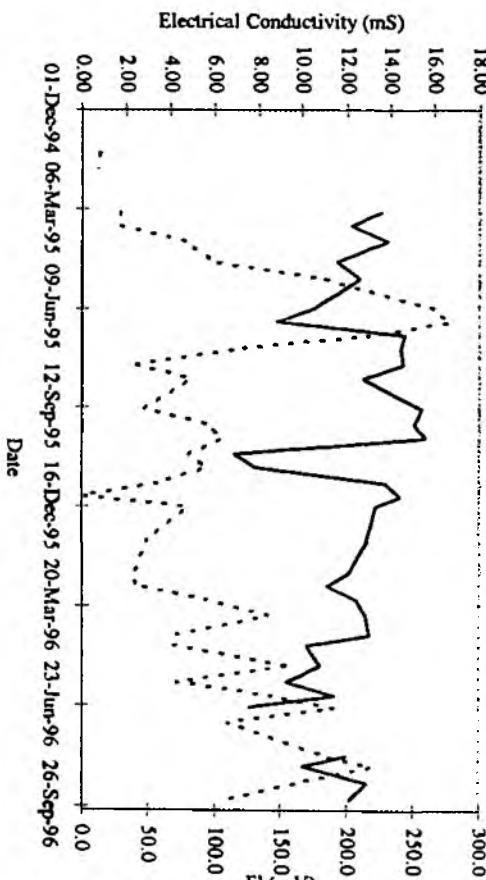
P at O'flow Oxford Canal



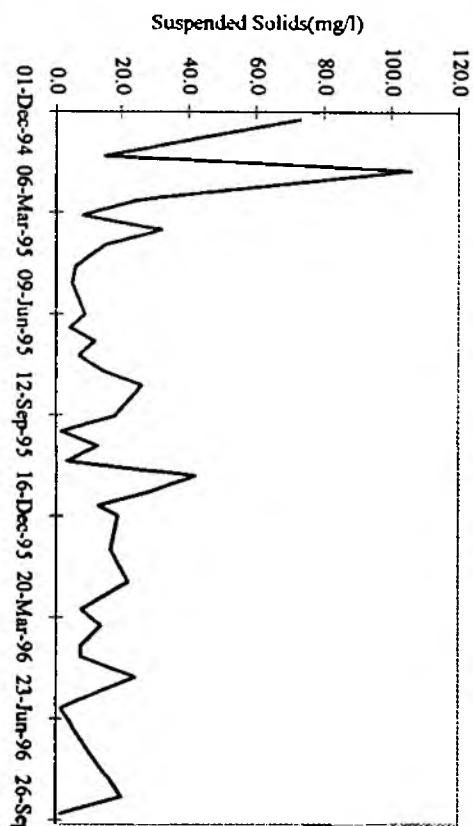
D.O. and Temperature at Walsgrave(Sowe)



Electrical Conductivity and Eh at Walsgrave(Sowe)



Suspended Solids at Walsgrave(Sowe)



B.O.D. and C.O.D. at Walsgrave(Sowe)

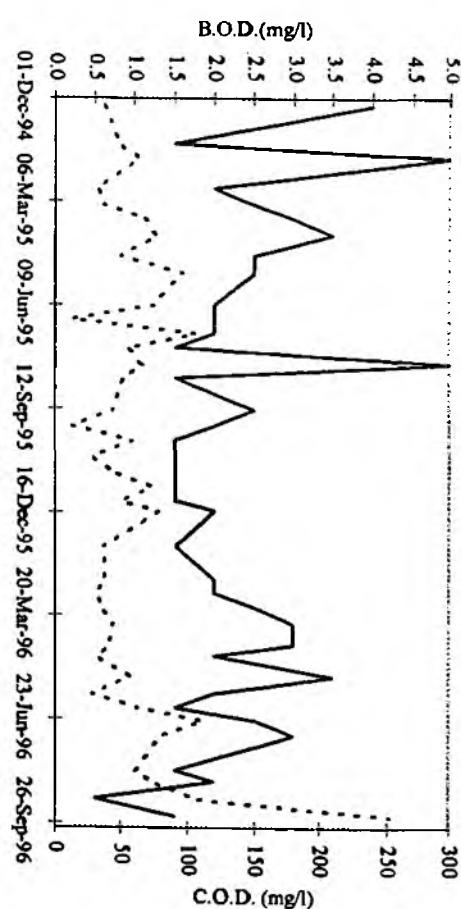
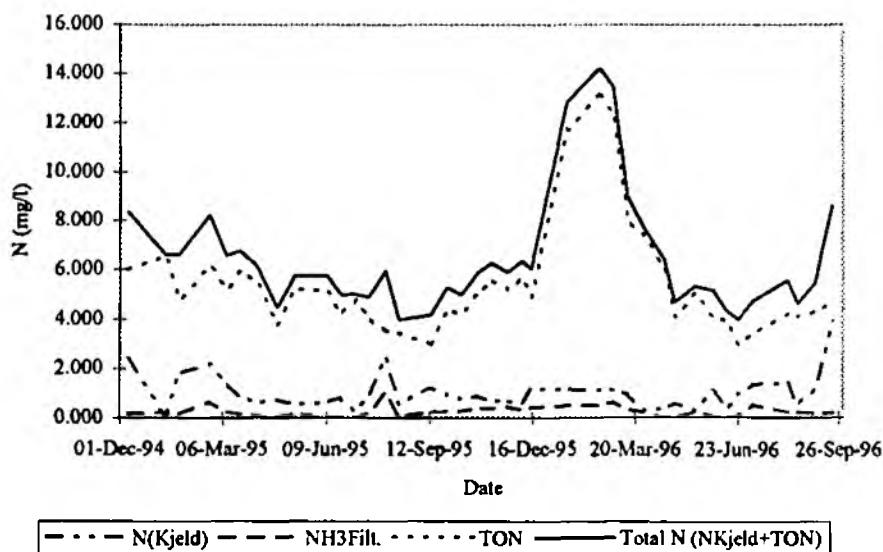
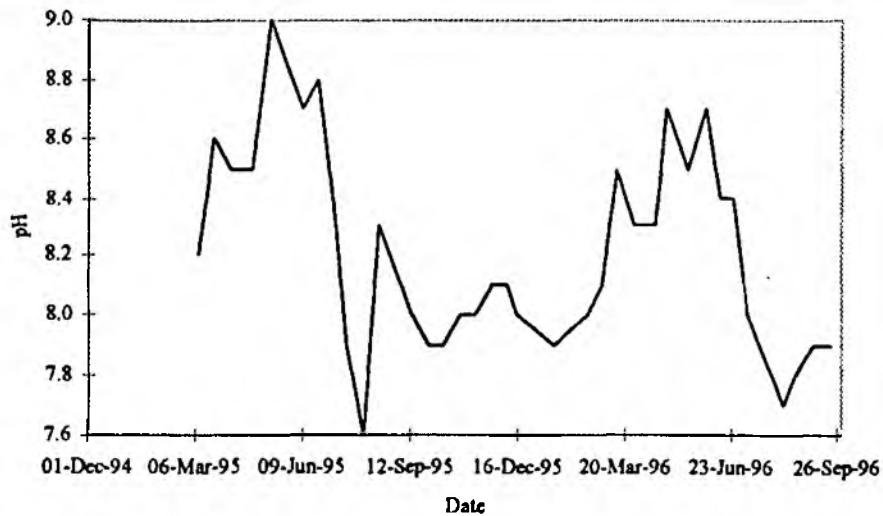


Figure 18 Walsgrave (Sowe)

### N at Walsgrave(Sowe)



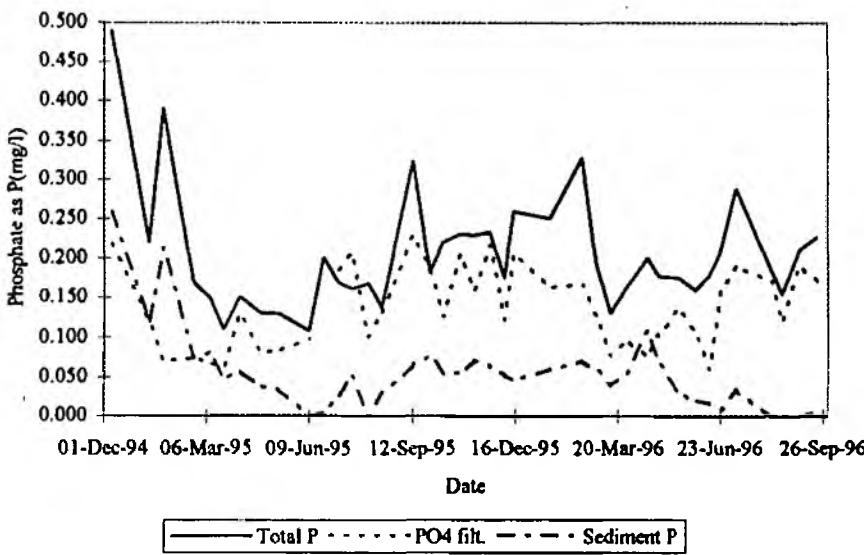
### pH at Walsgrave(Sowe)



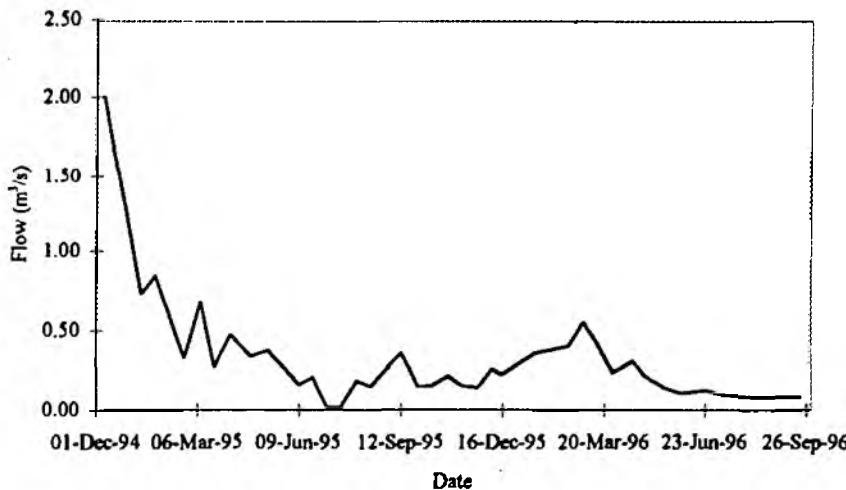
(Figure 18 cont.)

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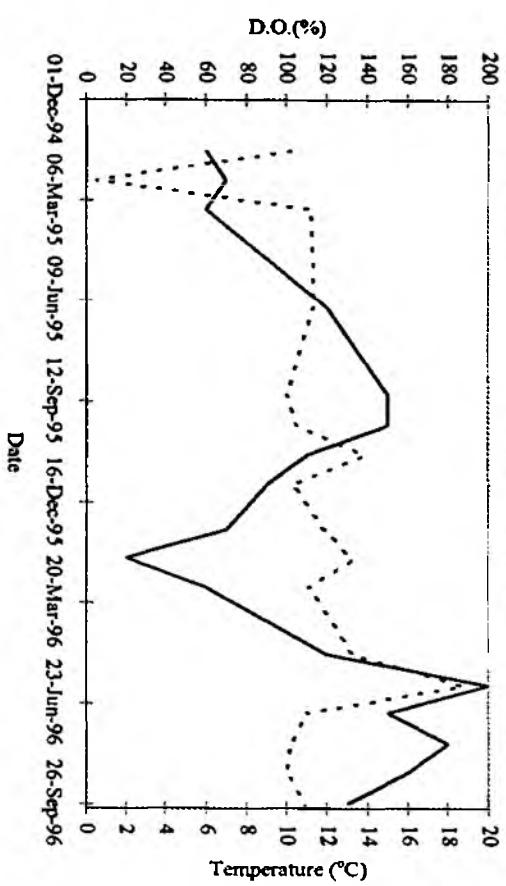
### P at Walsgrave(Sowe)



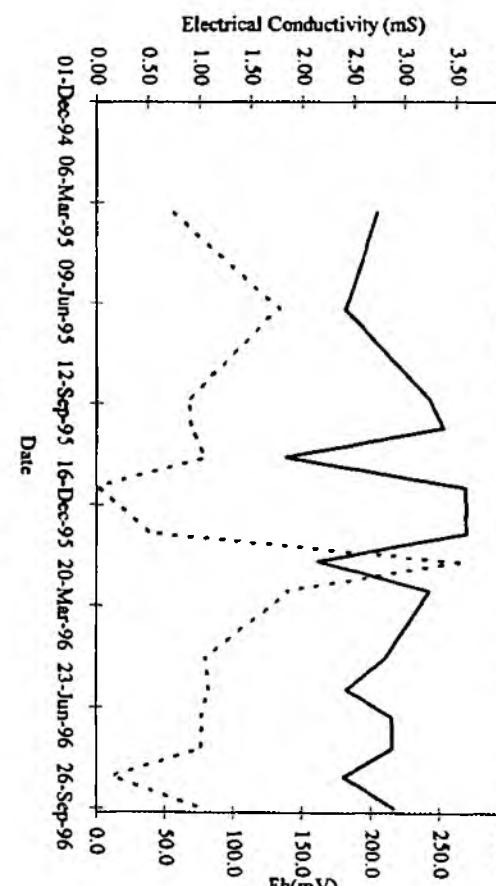
### Flow at Walsgrave(Sowe)



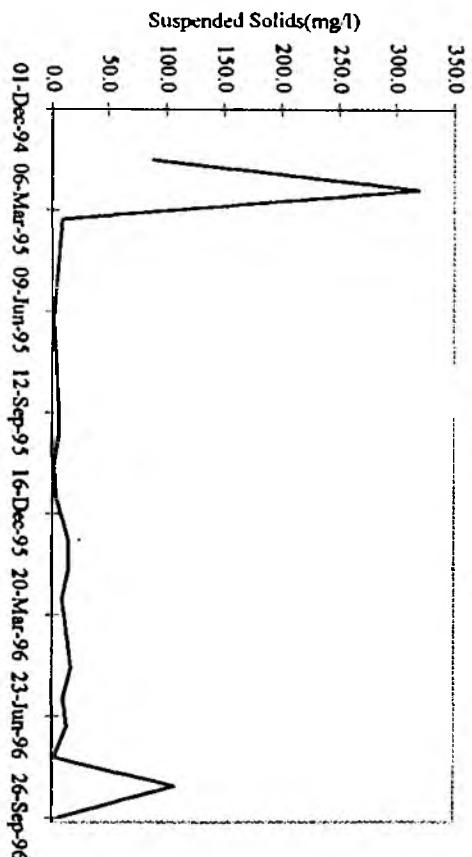
D.O. and Temperature at Withy Brook (High Bridge)



Electrical Conductivity and Eh at Withy Brook (High Bridge)



Suspended Solids at Withy Brook (High Bridge)



B.O.D. and C.O.D. at Withy Brook (High Bridge)

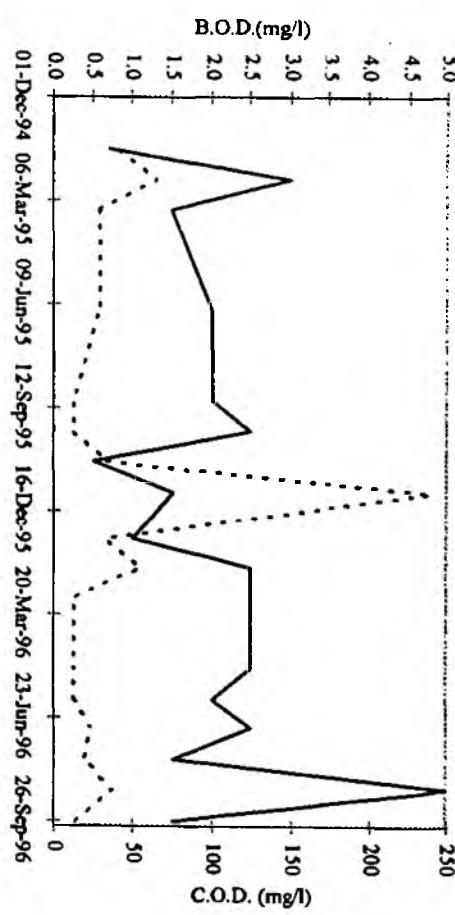
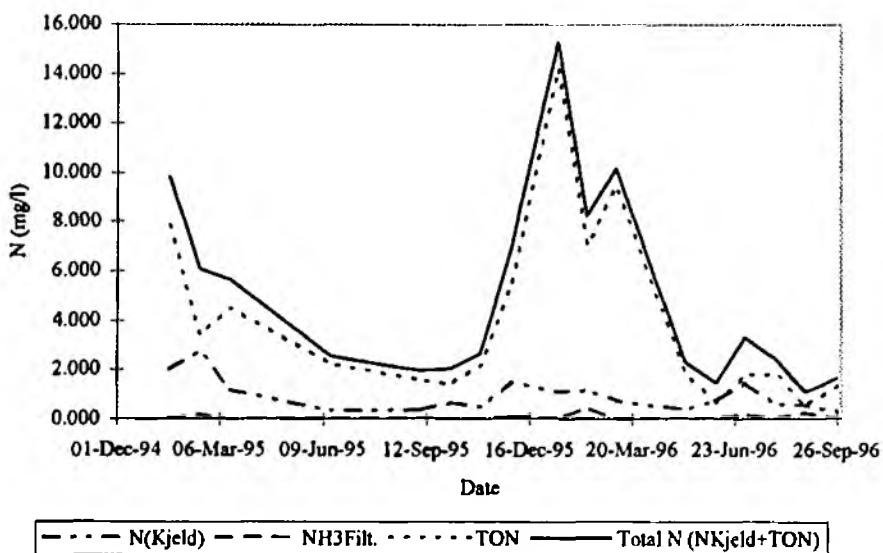
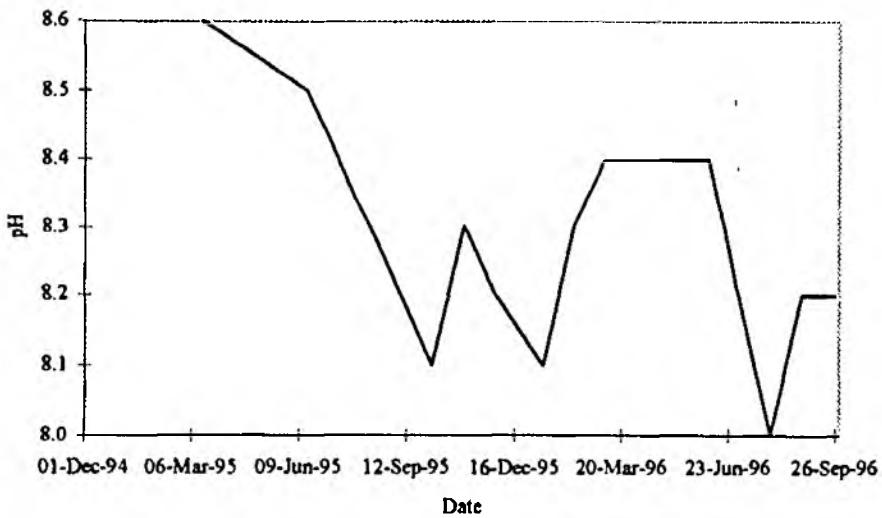


Figure 19 Withy Brook (High Bridge)

### N at Withy Brook (High Bridge)



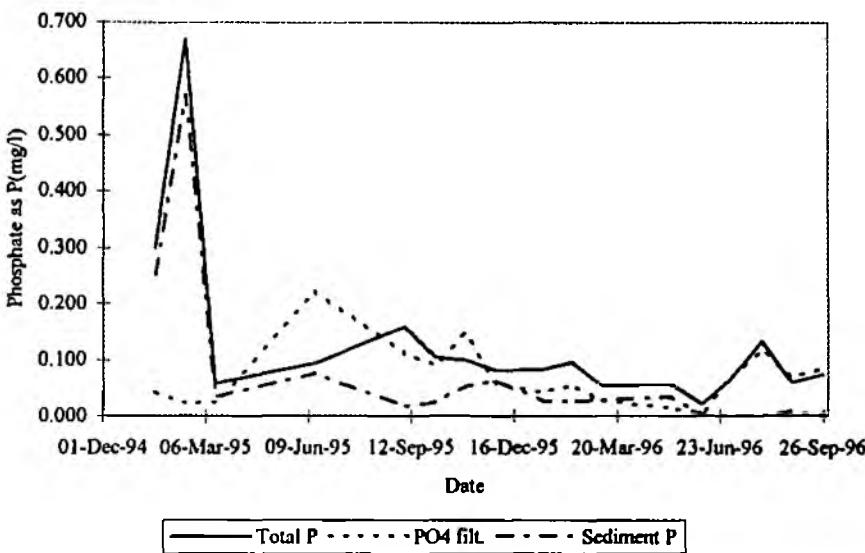
### pH at Withy Brook (High Bridge)



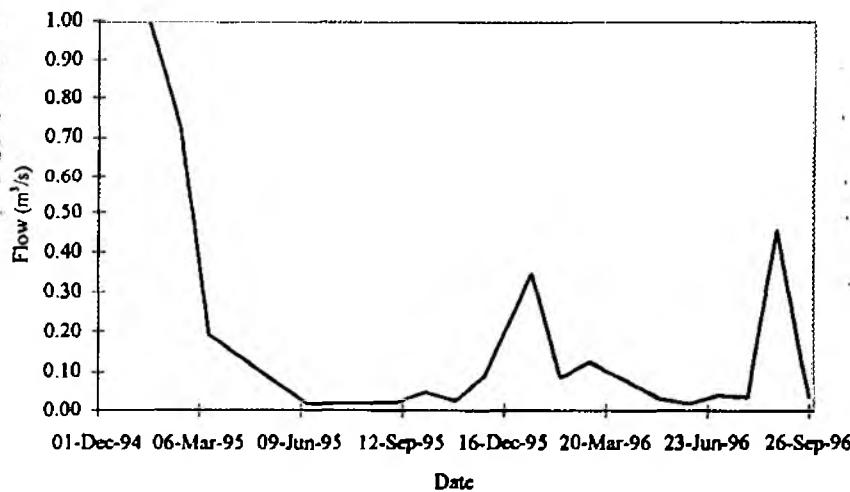
(Figure 19 cont.)

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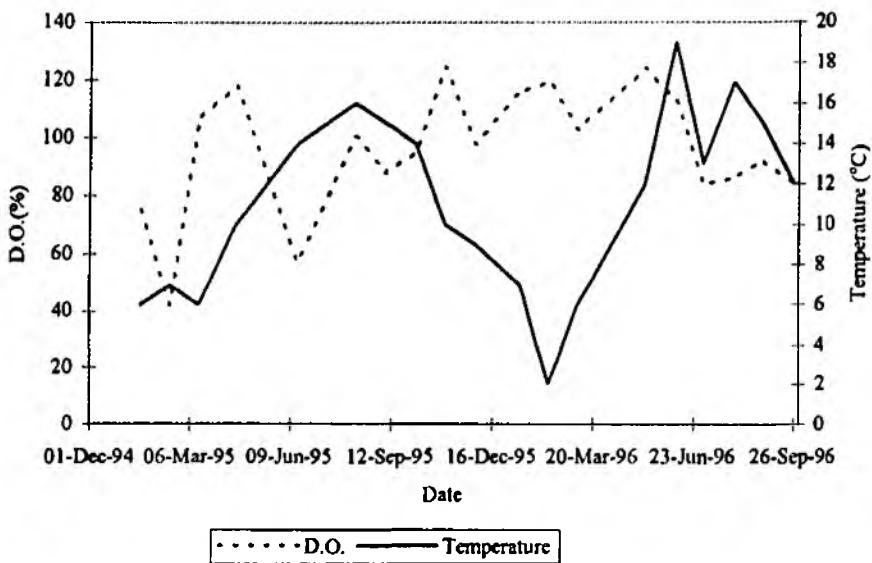
### P at Withy Brook (High Bridge)



### Flow at Withy Brook (High Bridge)



### D.O. and Temperature at Smite Brook (Coombe Abbey)



### Electrical Cond. and Eh at Smite Brook (Coombe Abbey)

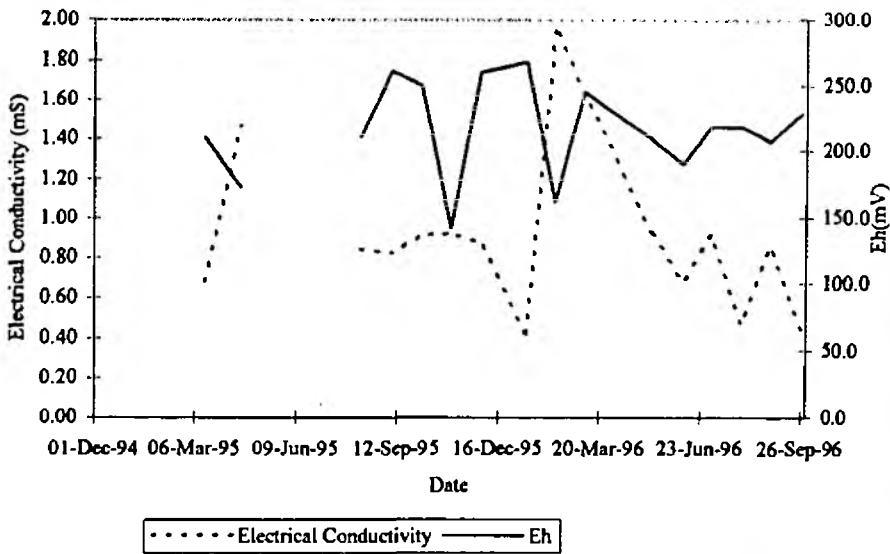
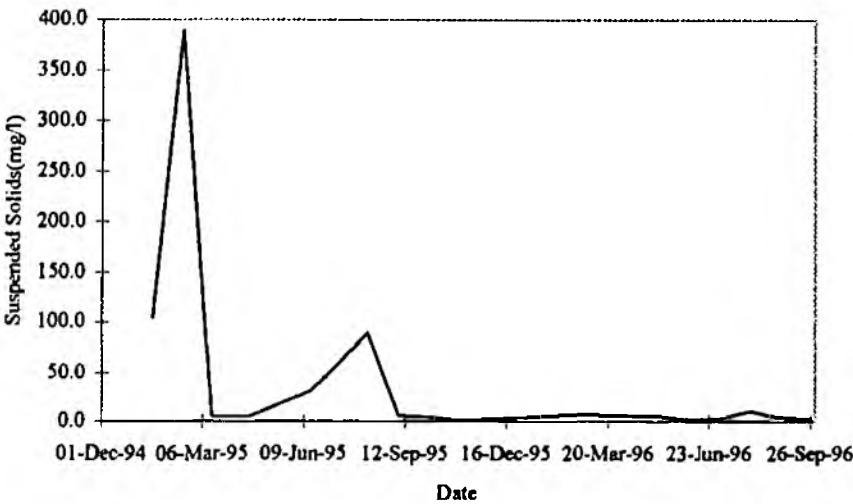


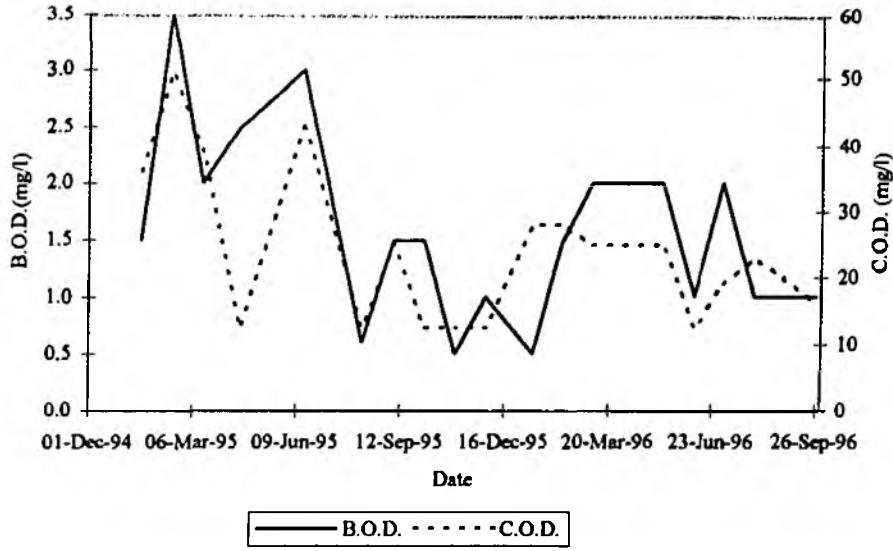
Figure 20 Smite Brook (Coombe Abbey)

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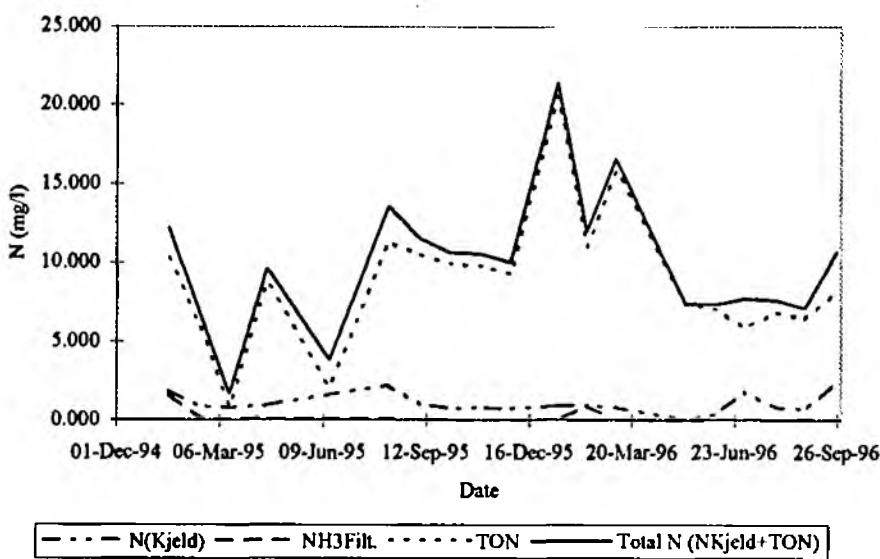
### Suspended Solids at Smite Brook (Coombe Abbey)



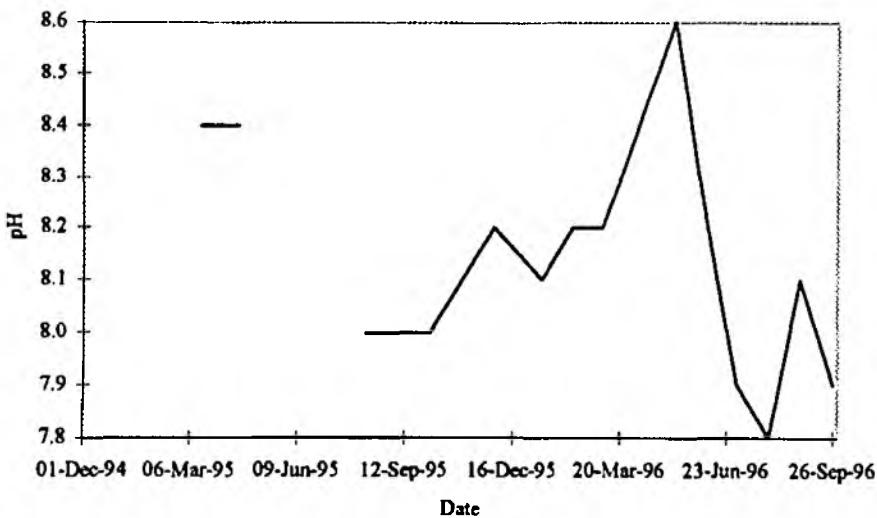
### B.O.D. and C.O.D. at Smite Brook (Coombe Abbey)



### N at Smite Brook (Coombe Abbey)



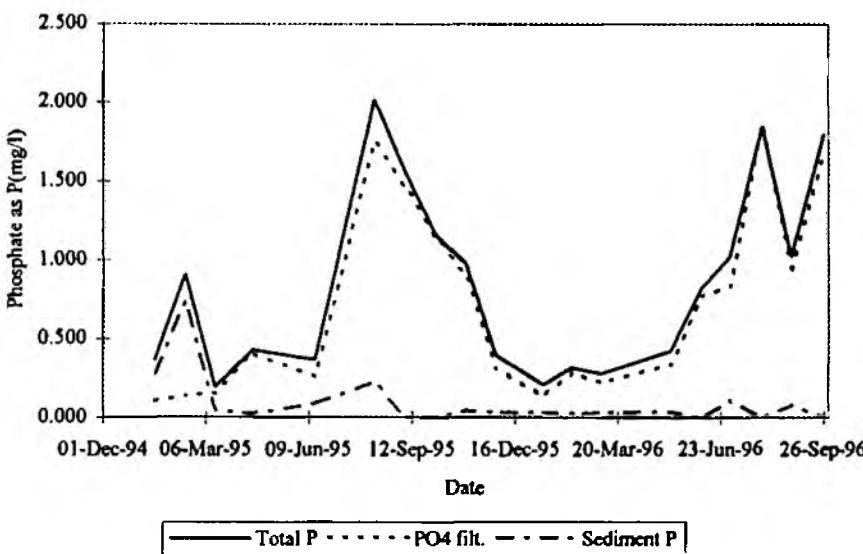
### pH at Smite Brook (Coombe Abbey)



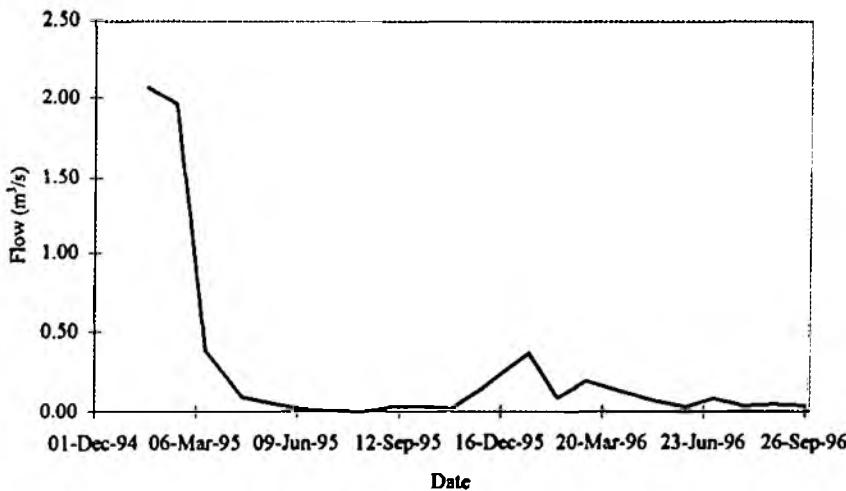
(Figure 20 cont.)

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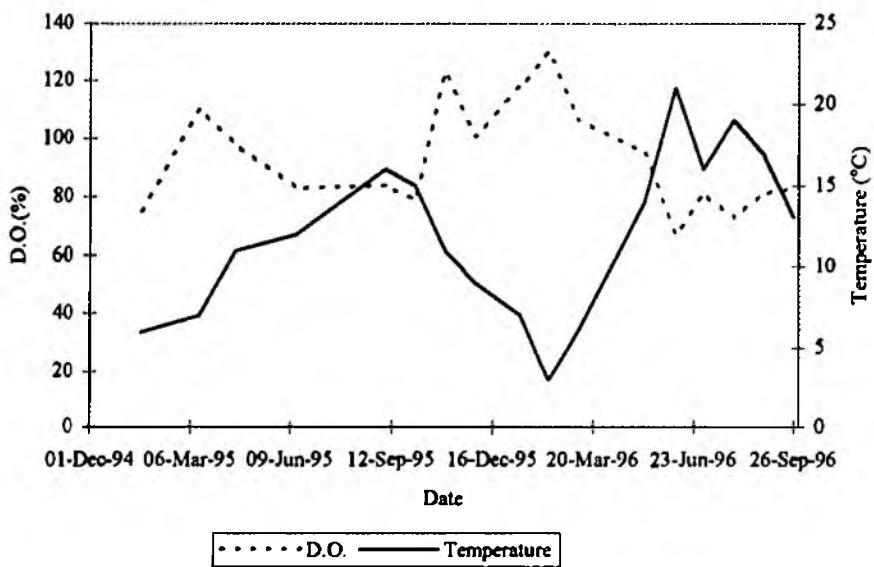
### P at Smite Brook (Coombe Abbey)



### Flow at Smite Brook (Coombe Abbey)



### D.O. and Temperature at Coombe Pool Outflow



### Electrical Conductivity and Eh at Coombe Pool Outflow

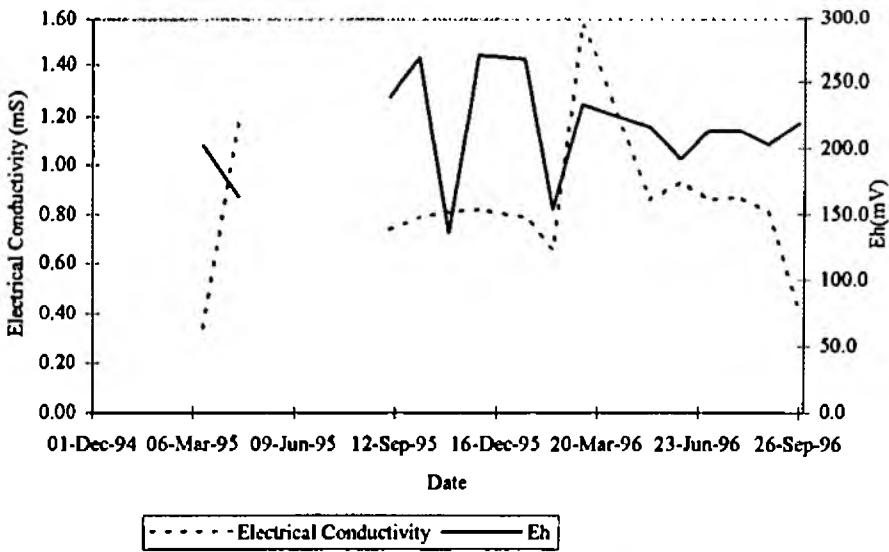
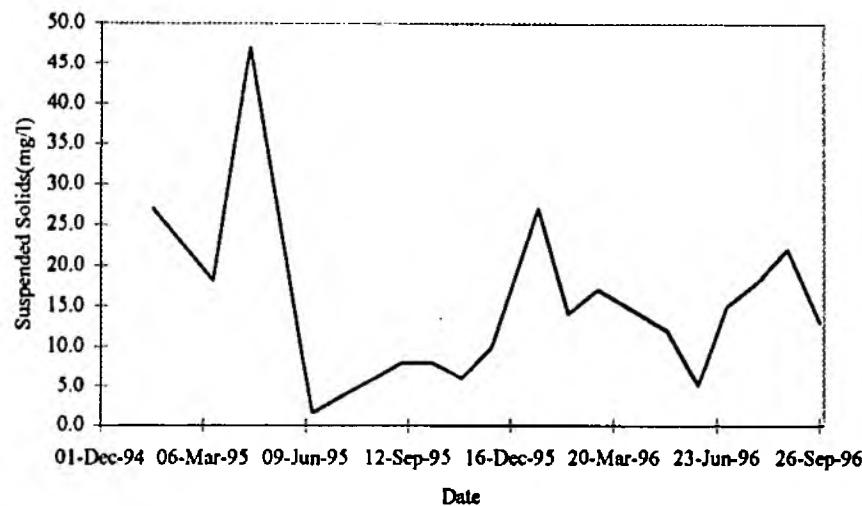


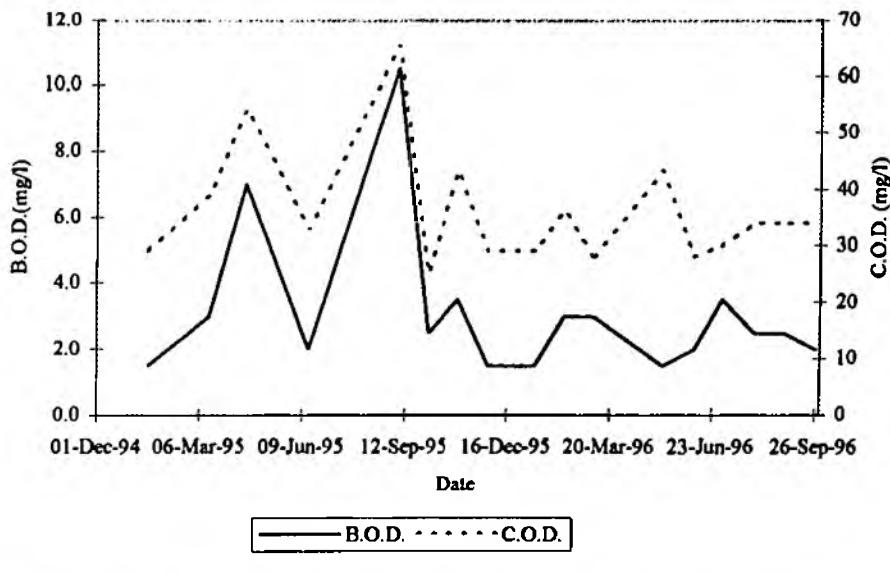
Figure 21 Coombe Pool Outflow

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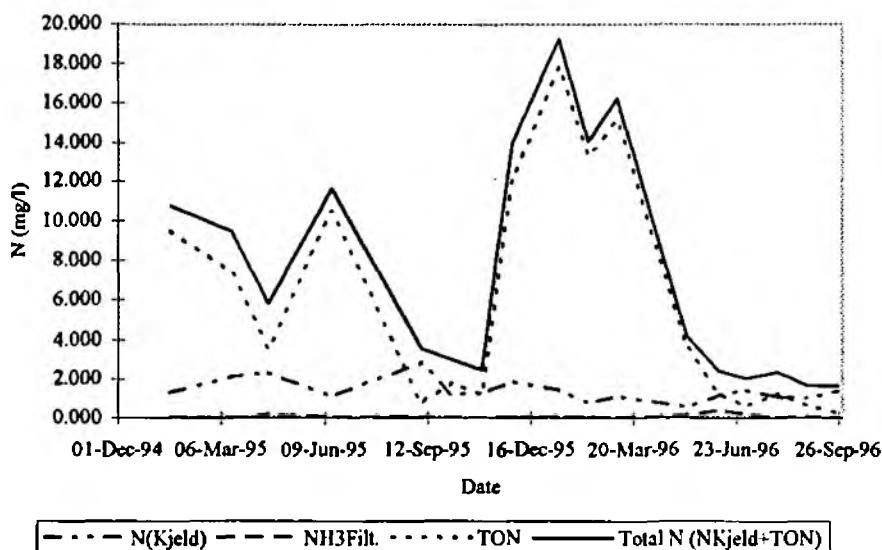
### Suspended Solids at Coombe Pool Outflow



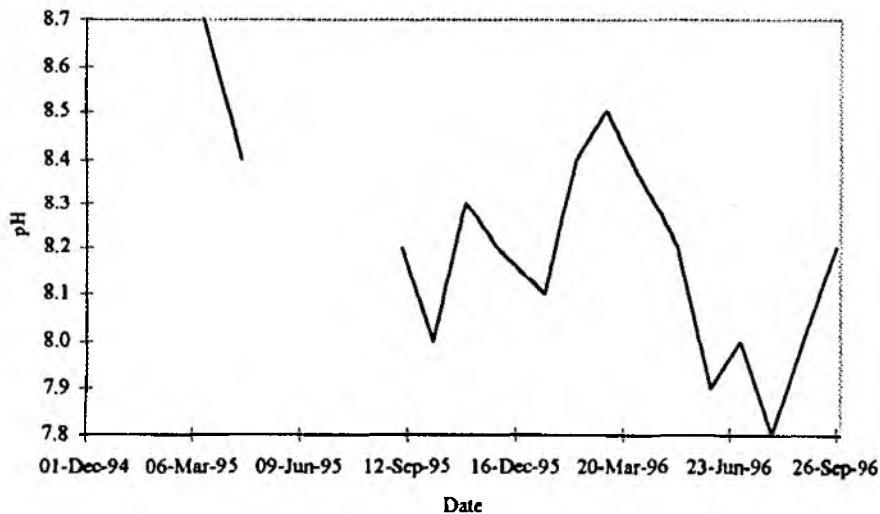
### B.O.D. and C.O.D. at Coombe Pool Outflow



### N at Coombe Pool Outflow



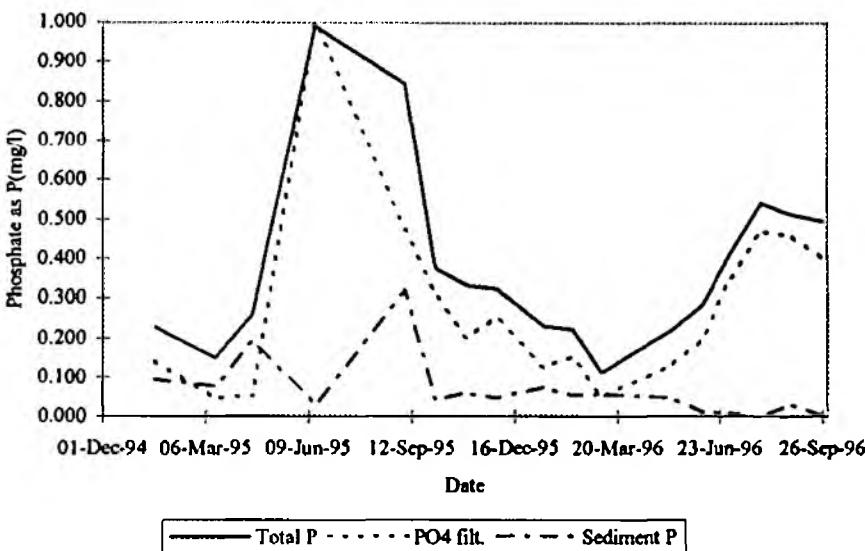
### pH at Coombe Pool Outflow



(Figure 21 cont.)

40

### P at Coombe Pool Outflow



### Flow at Coombe Pool Outflow

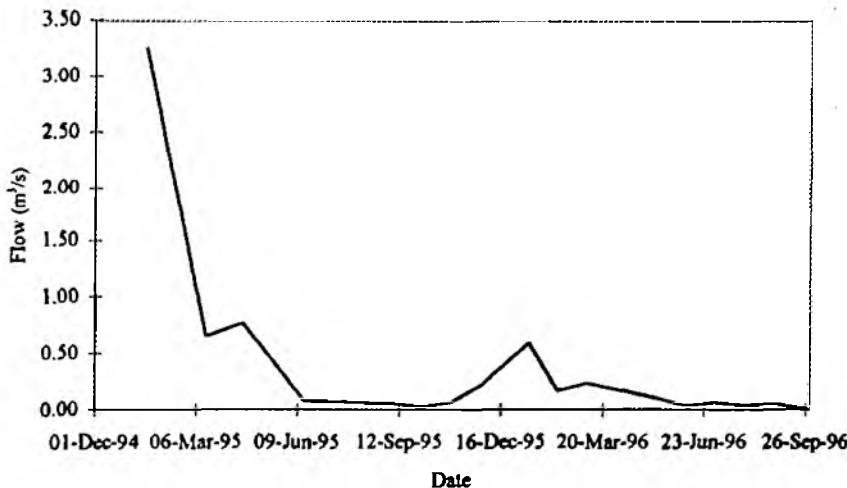
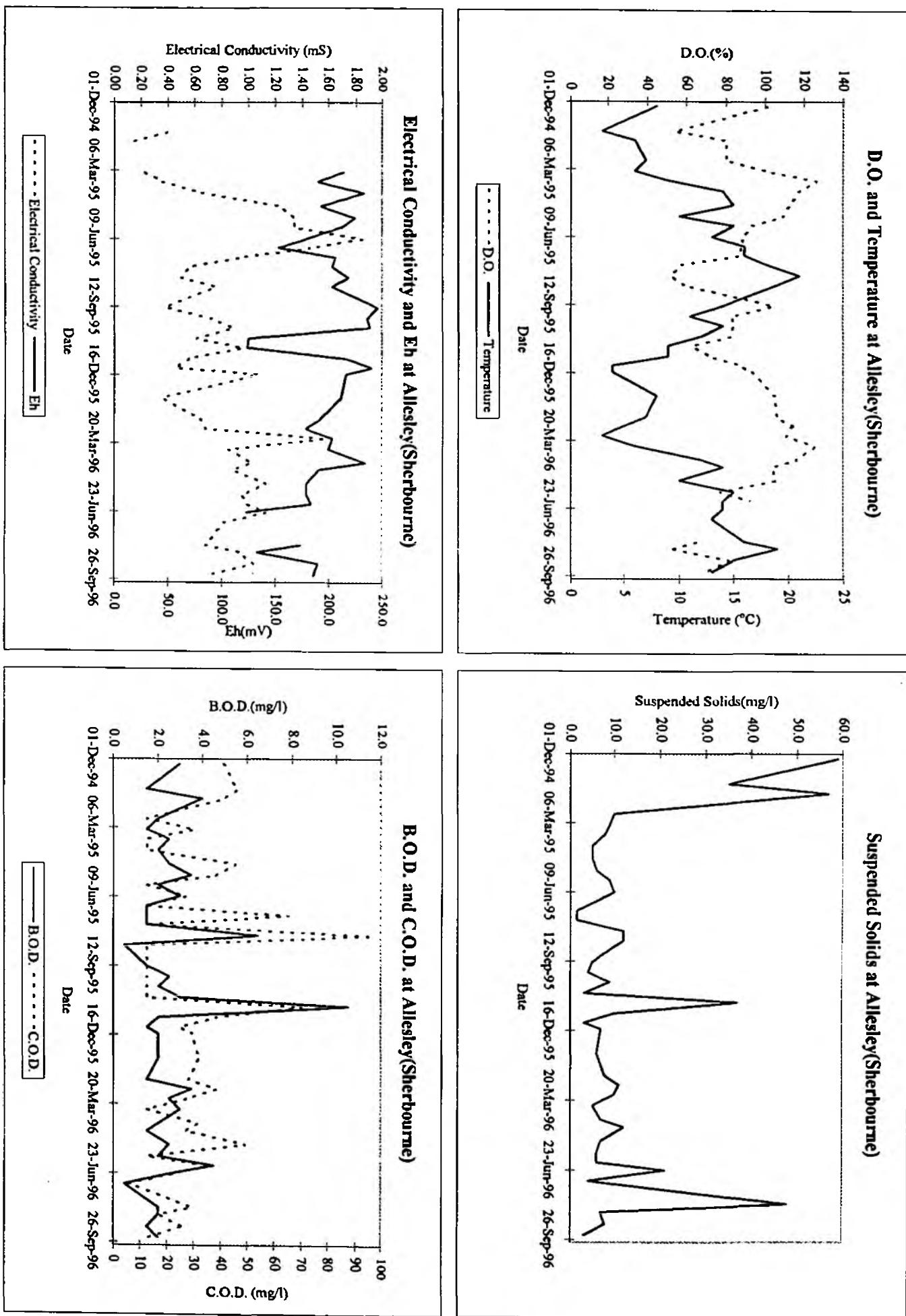
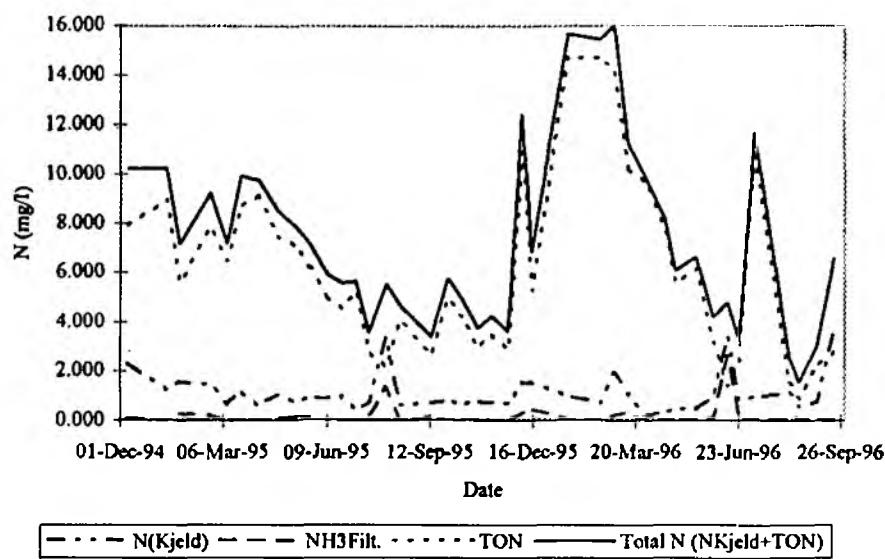


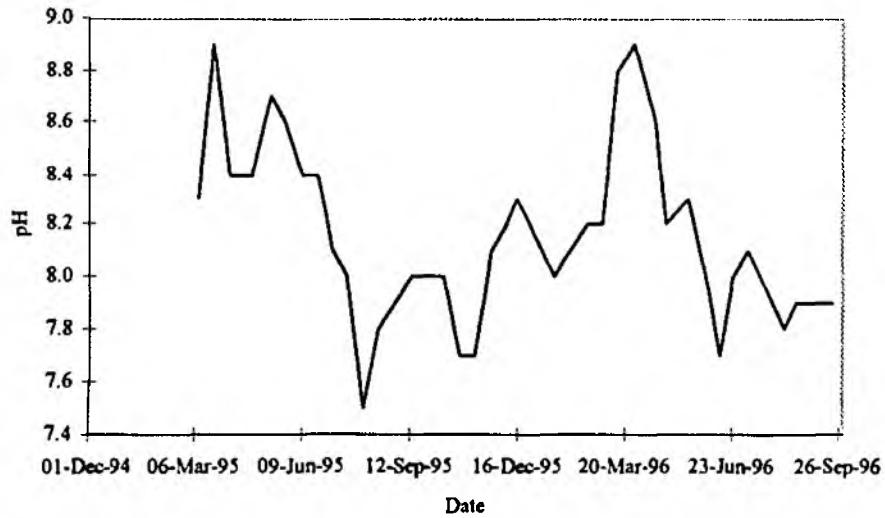
Figure 22 Allesley (Sherbourne)



### N at Allesley(Sherbourne)



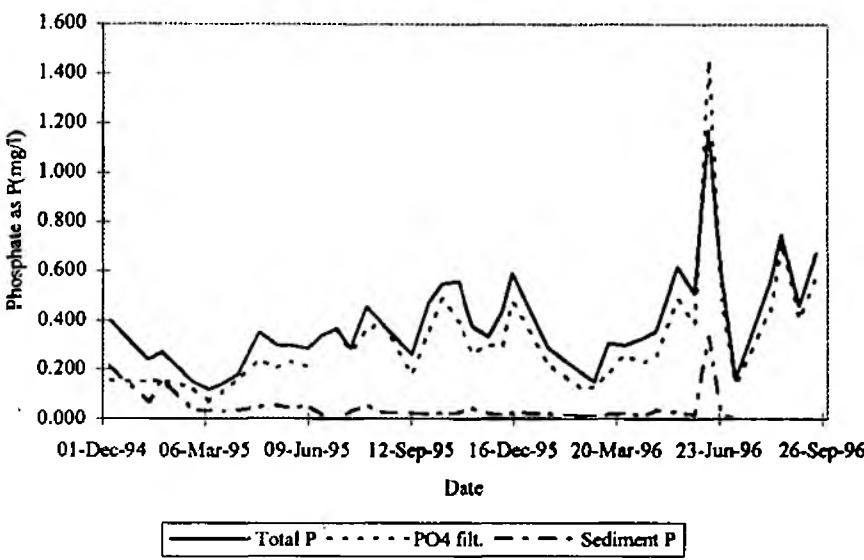
### pH at Allesley(Sherbourne)



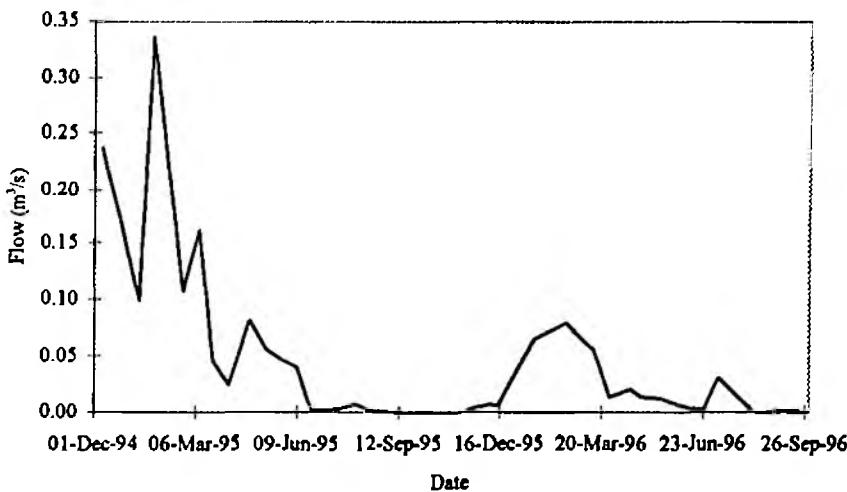
(Figure 22 cont.)

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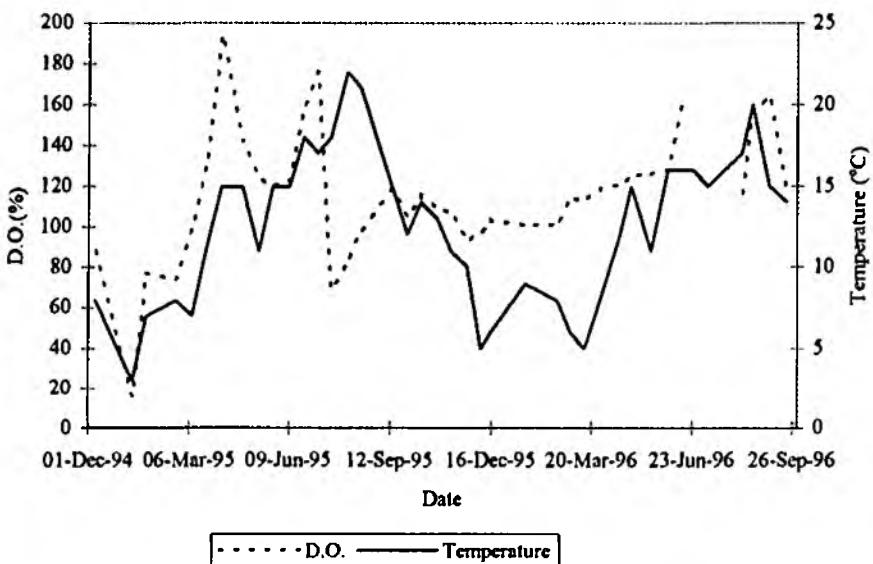
P at Allesley(Sherbourne)



Flow at Allesley(Sherbourne)



### D.O. and Temperature at A45 (Sherbourne)



### Electrical Conductivity and Eh at A45 (Sherbourne)

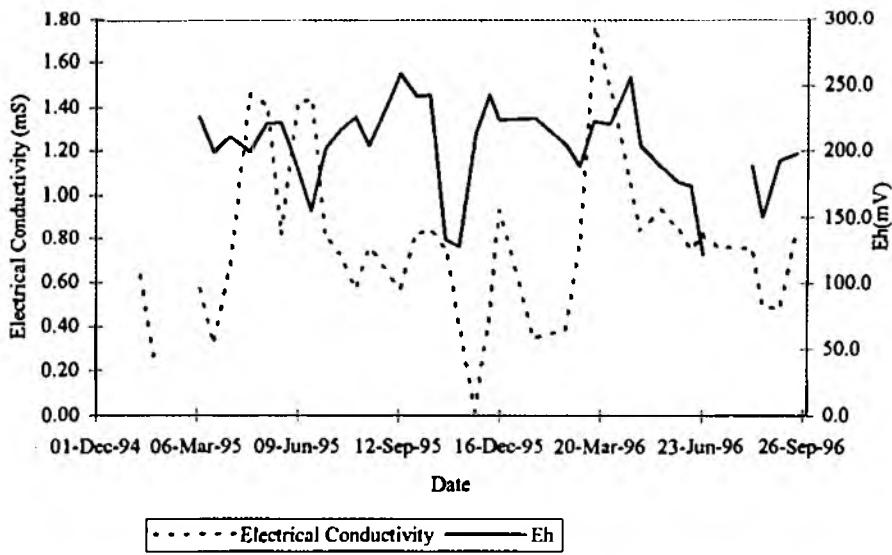
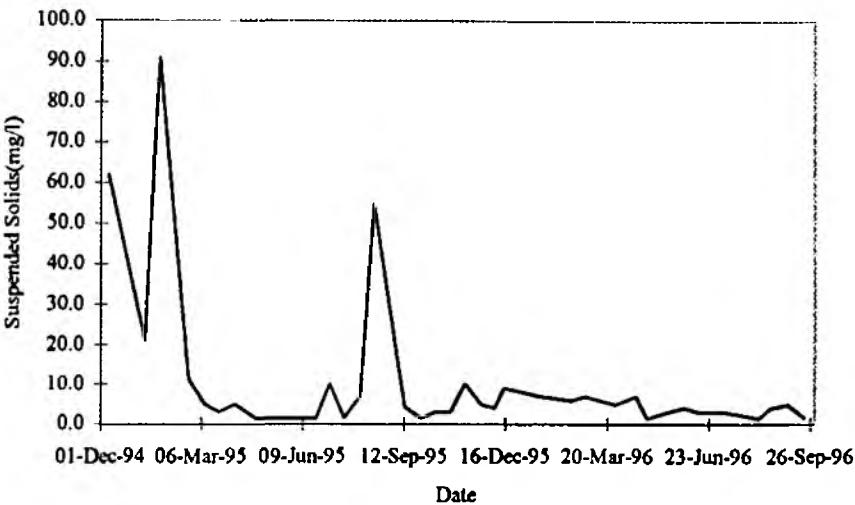


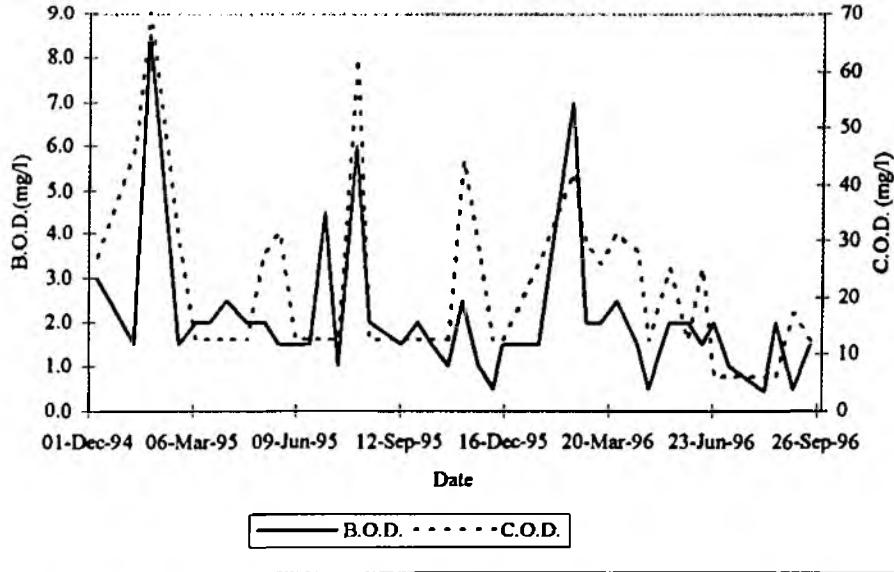
Figure 23 A45 (Sherbourne)

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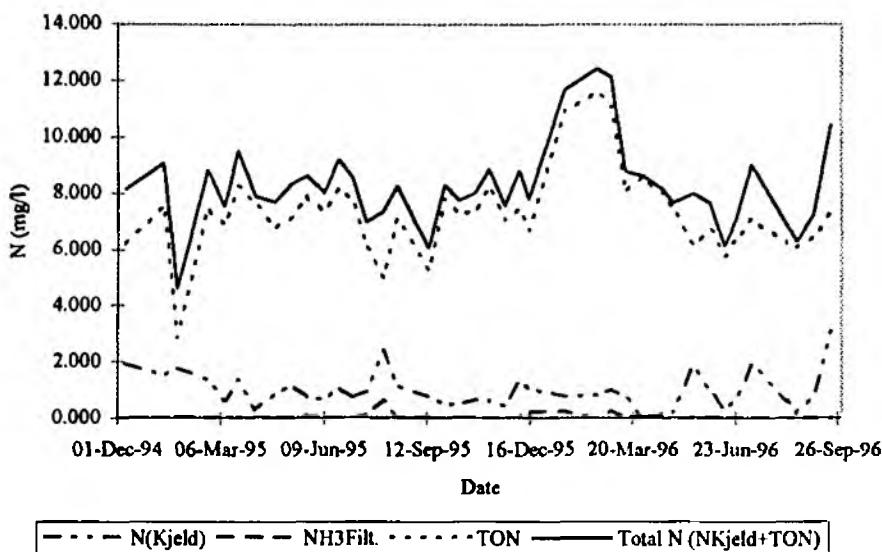
Suspended Solids at A45 (Sherbourne)



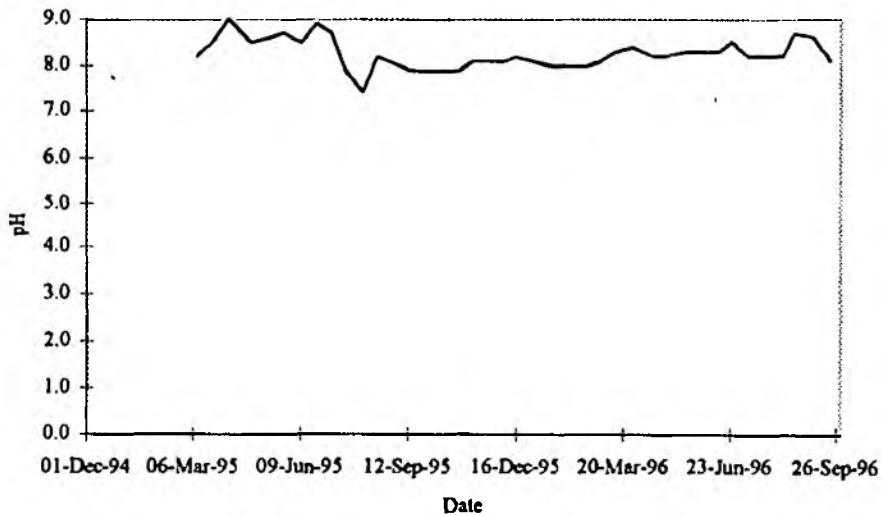
B.O.D. and C.O.D. at A45 (Sherbourne)



### N at A45 (Sherbourne)



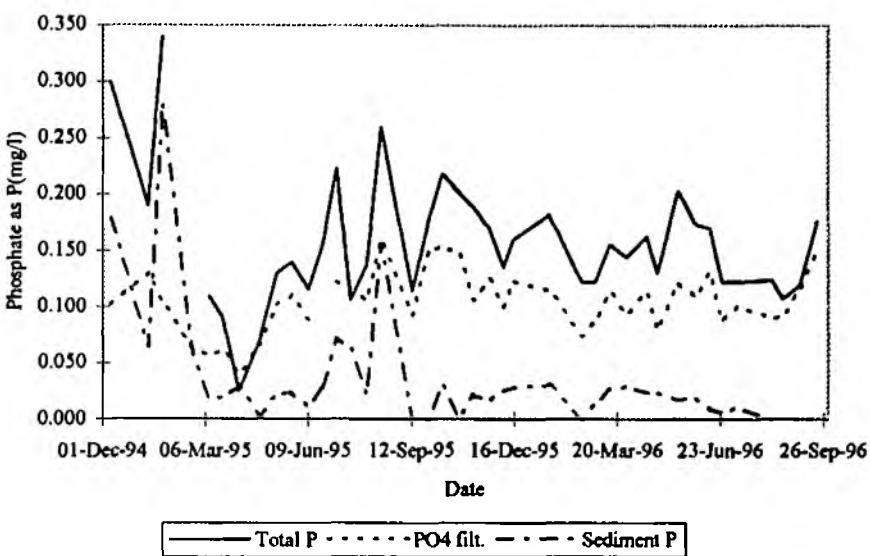
### pH at A45 (Sherbourne)



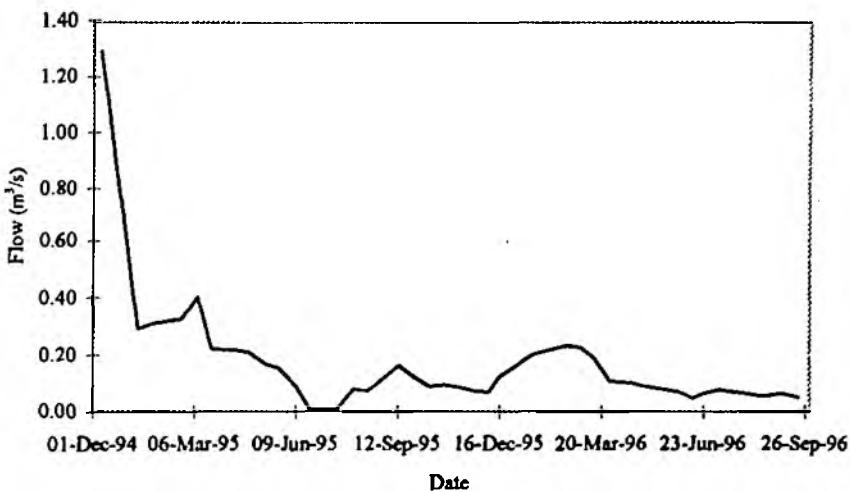
(Figure 23 cont.)

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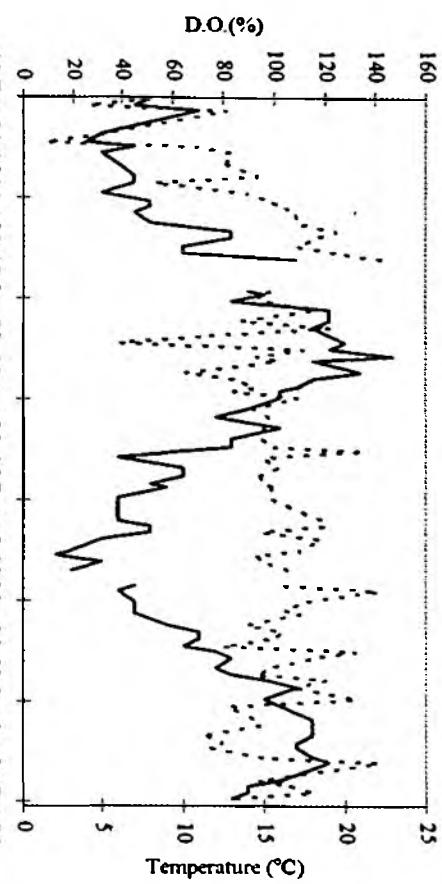
### P at A45 (Sherbourne)



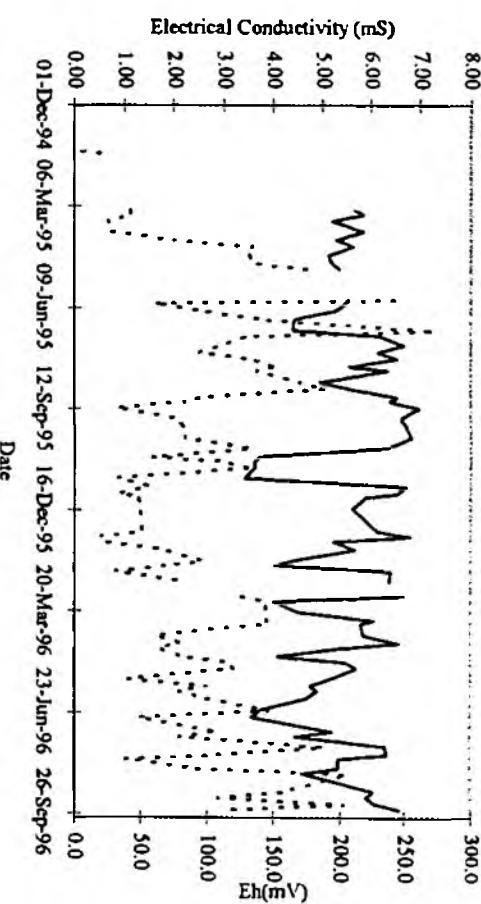
### Flow at A45 (Sherbourne)



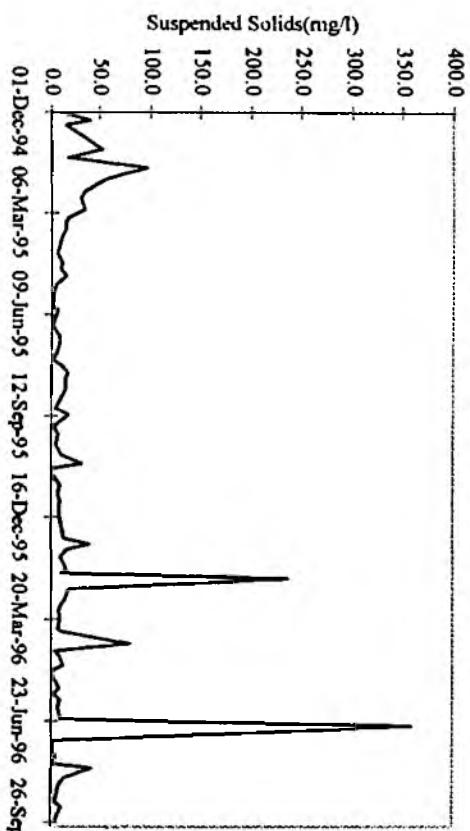
D.O. and Temperature at Baginton(Sowe)



Electrical Conductivity and Eh at Baginton(Sowe)



Suspended Solids at Baginton(Sowe)



B.O.D. and C.O.D. at Baginton(Sowe)

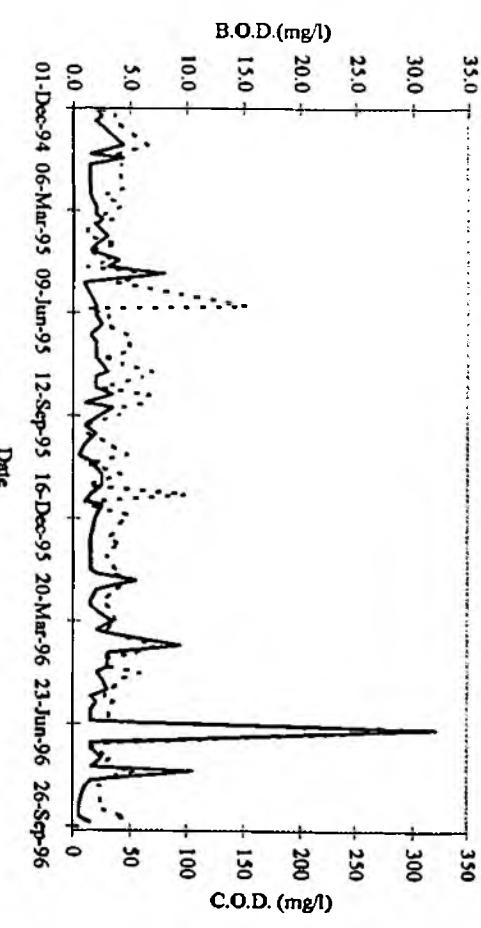
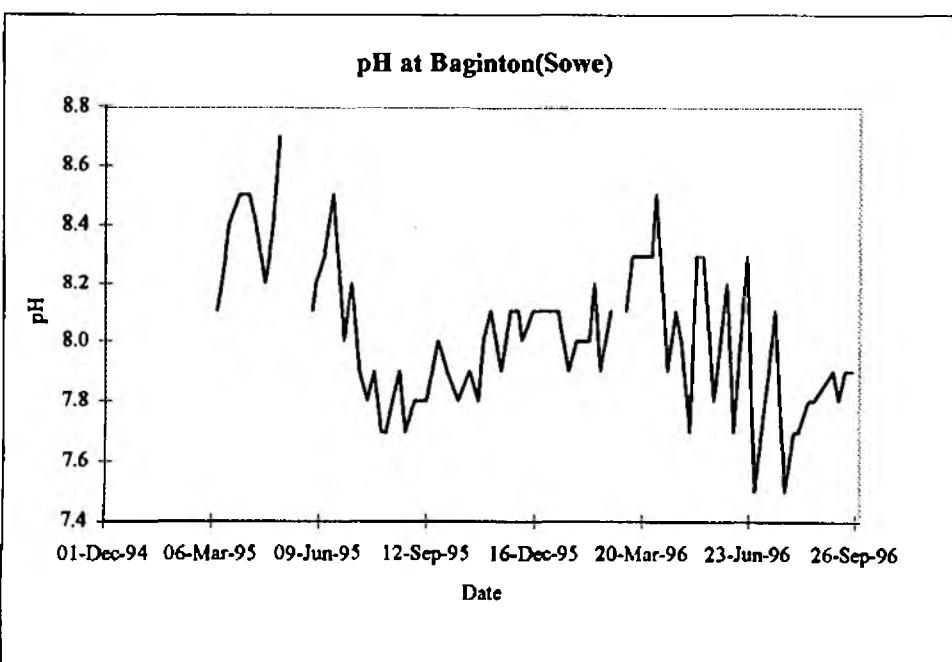
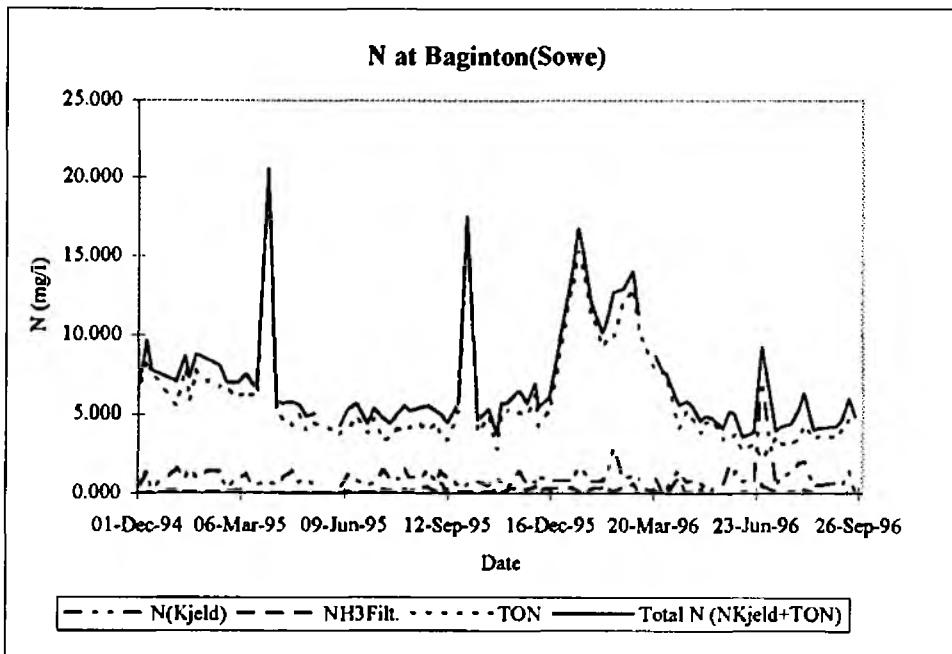


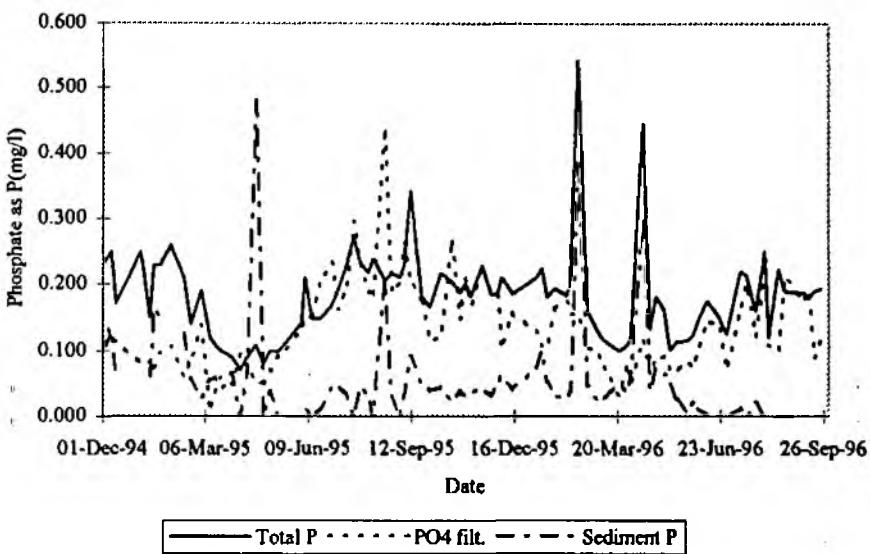
Figure 24 Baginton (Sowe)



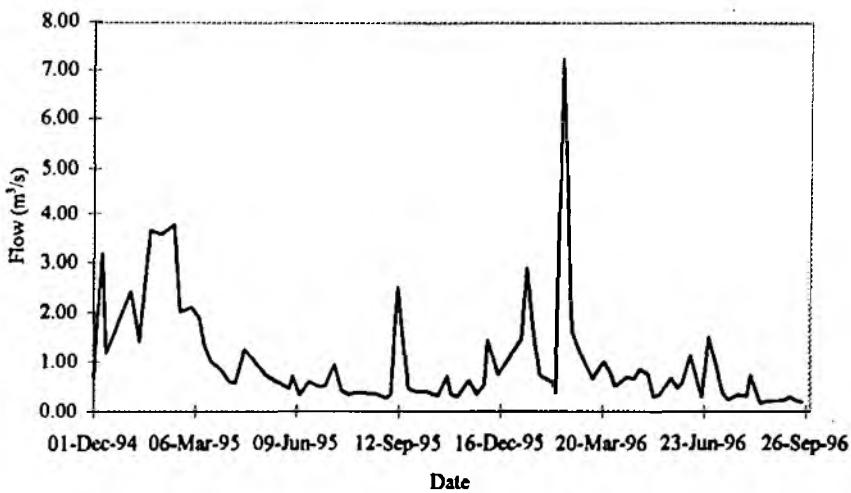
(Figure 24 cont.)

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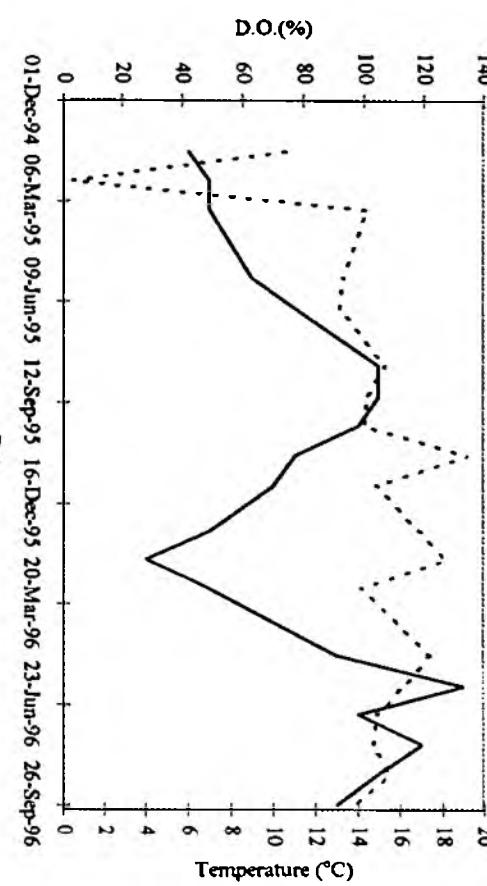
P at Baginton(Sowe)



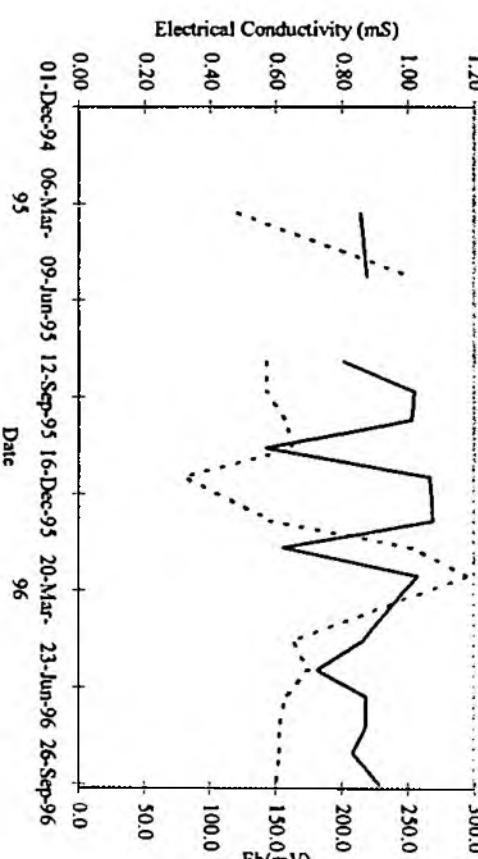
Flow at Baginton(Sowe)



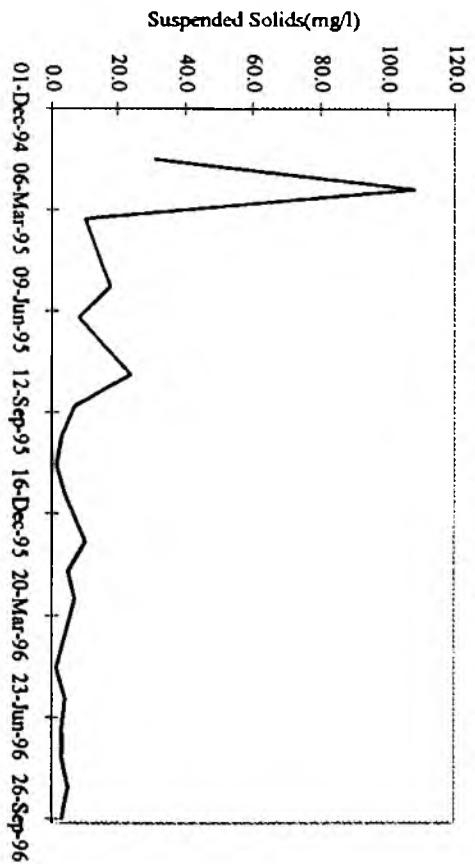
D.O. and Temperature at U/S Common Lane(Finham Brook)



Electrical Cond. and Eh at U/S Common Lane(Finham Brook)



Suspended Solids at U/S Common Lane(Finham Brook)



B.O.D. and C.O.D. at U/S Common Lane(Finham Brook)

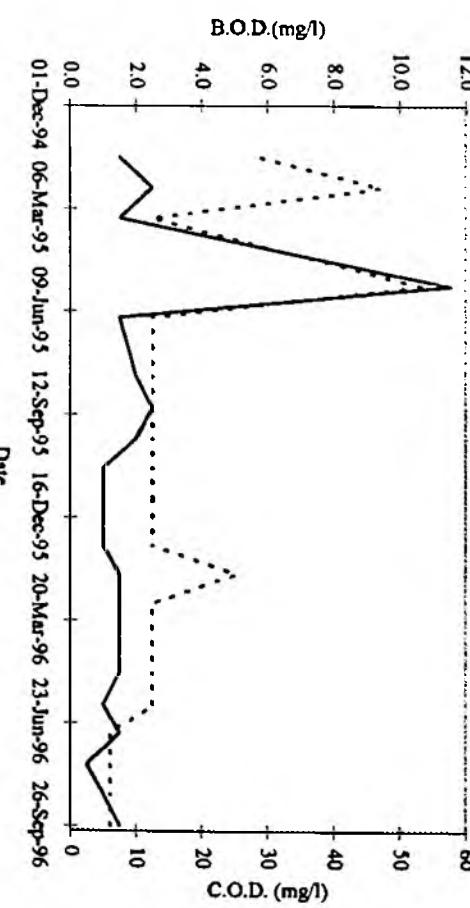
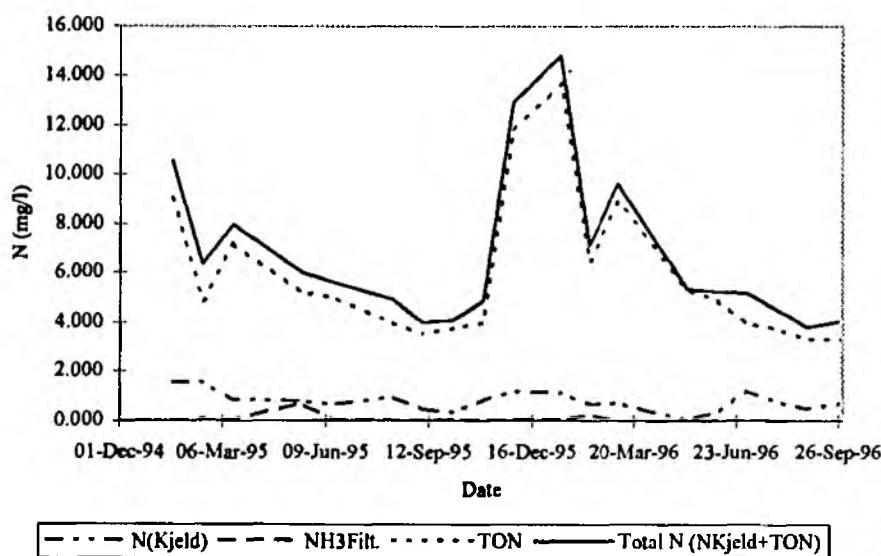
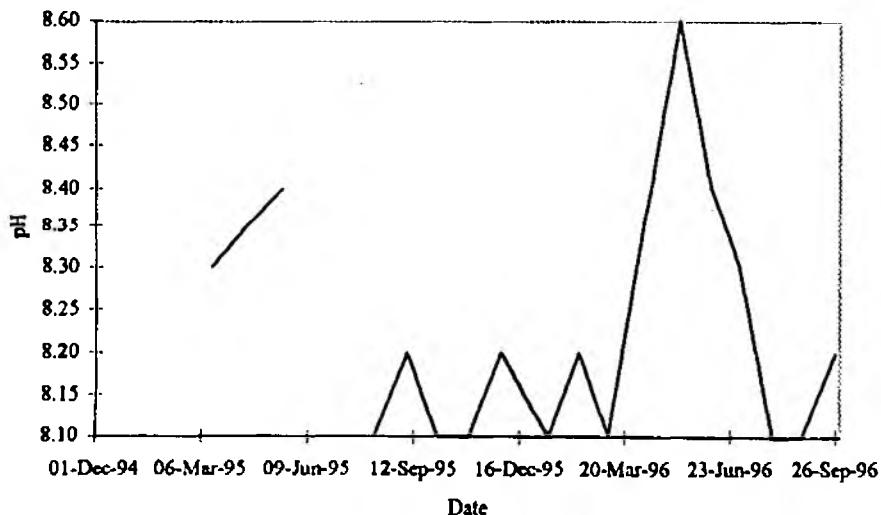


Figure 25 U/S Common Lane (Finham Brook)

### N at U/S Common Lane(Finham Brook)



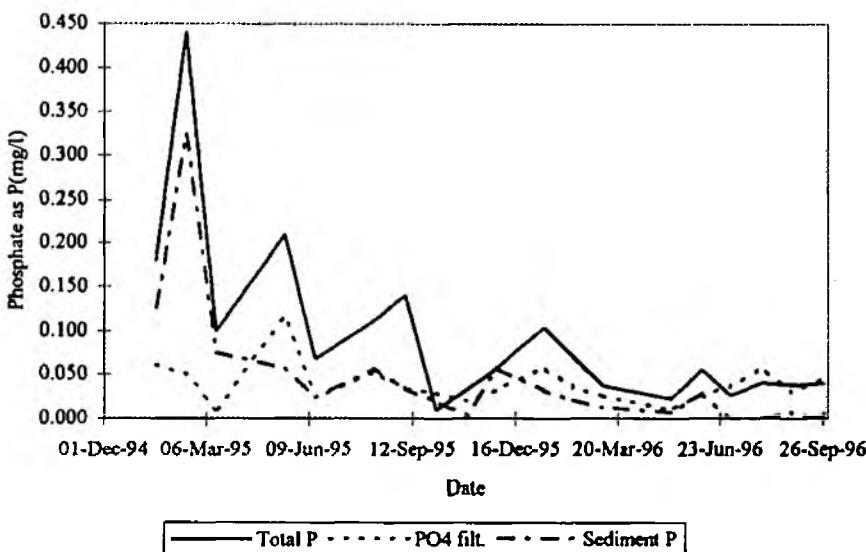
### pH at U/S Common Lane(Finham Brook)



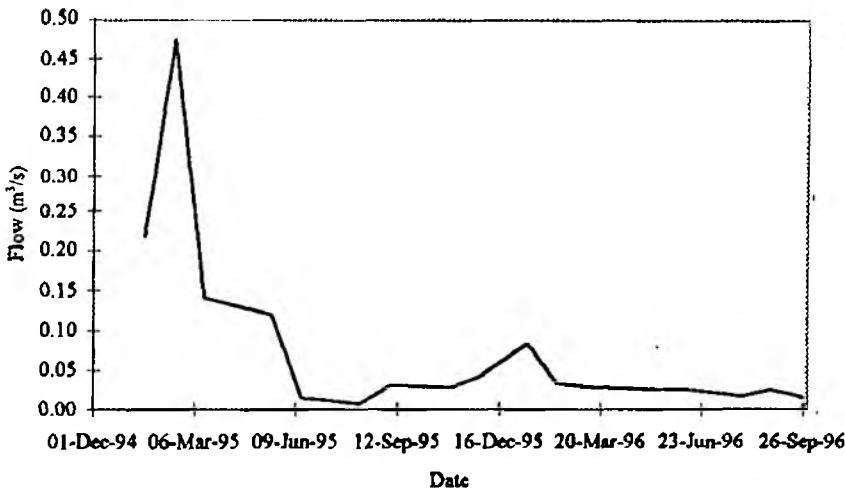
(Figure 25 cont.)

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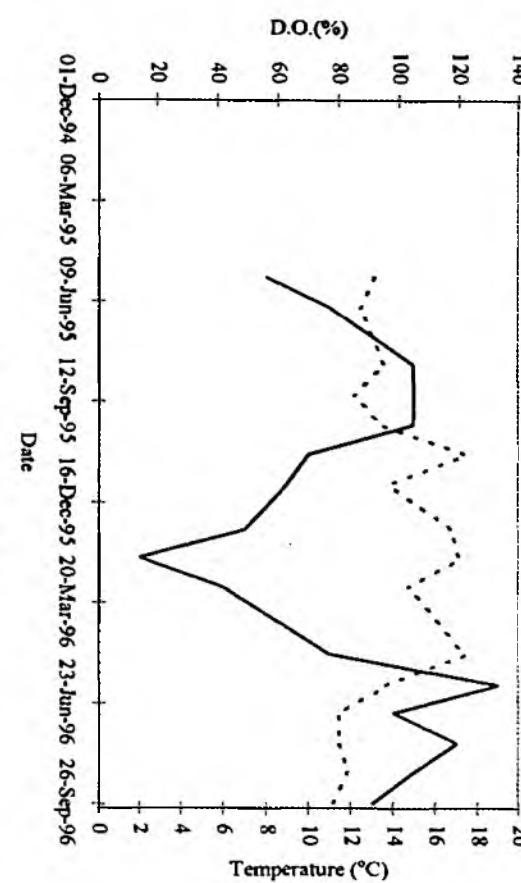
P at U/S Common Lane(Finham Brook)



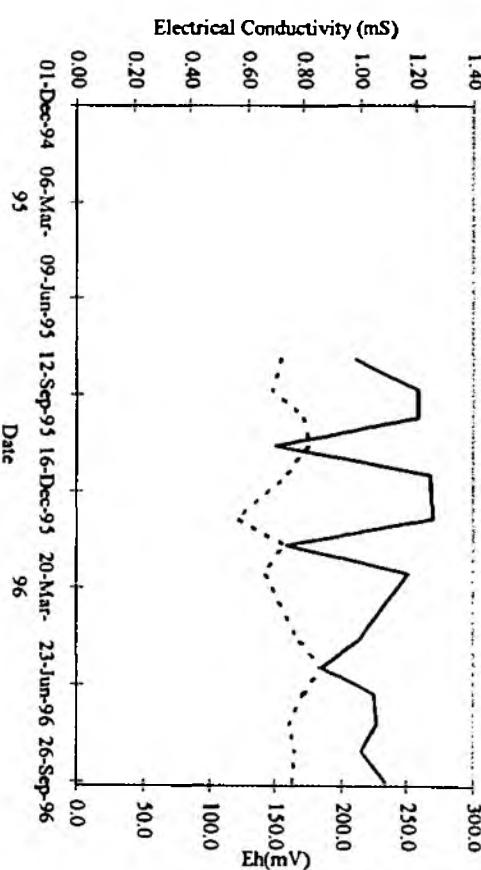
Flow at U/S Common Lane(Finham Brook)



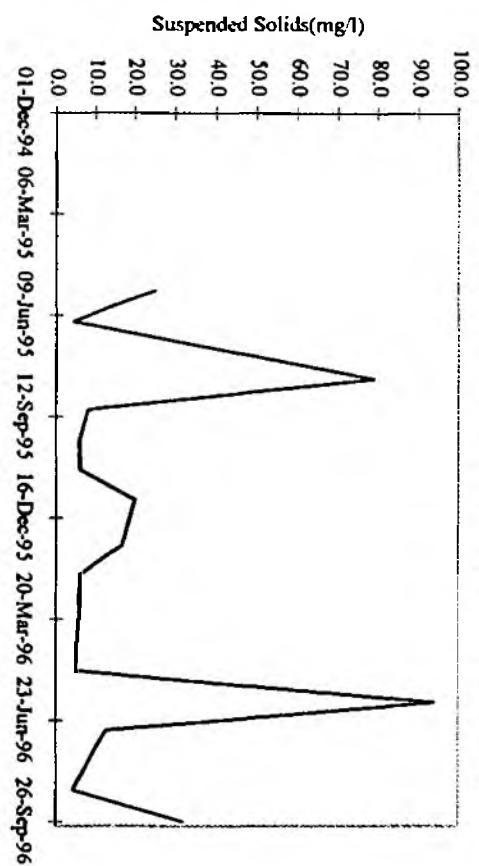
D.O. and Temperature at Inchford Brook (Kenilworth Castle)



Electrical Cond. and Eh at Inchford Brook (Kenilworth Castle)



Suspended Solids at Inchford Brook (Kenilworth Castle)



B.O.D. and C.O.D. at Inchford Brook (Kenilworth Castle)

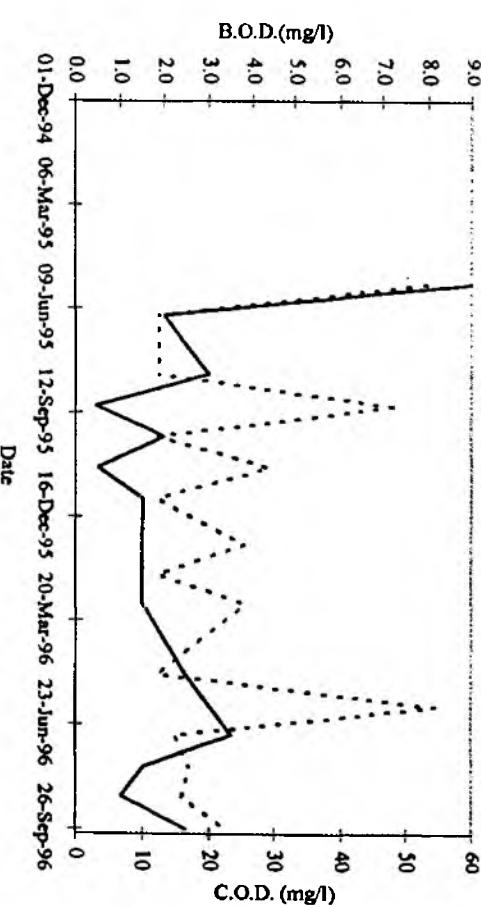
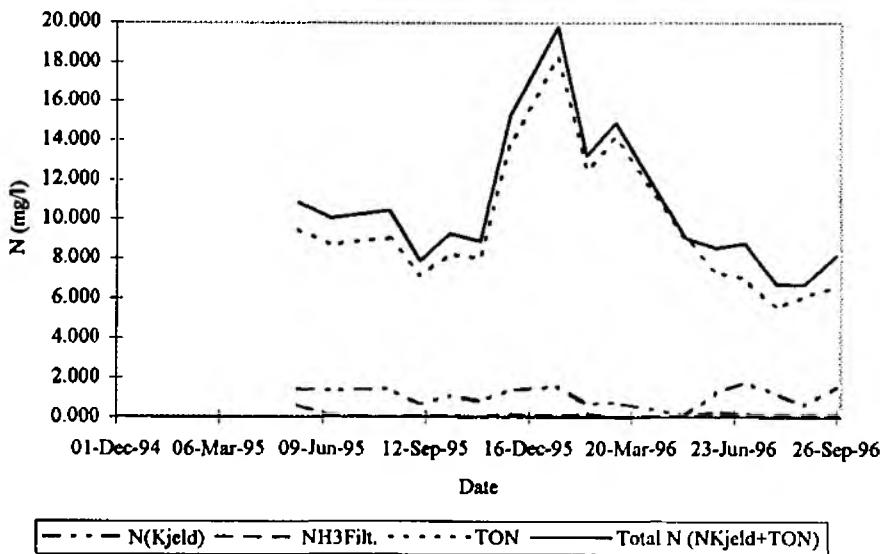
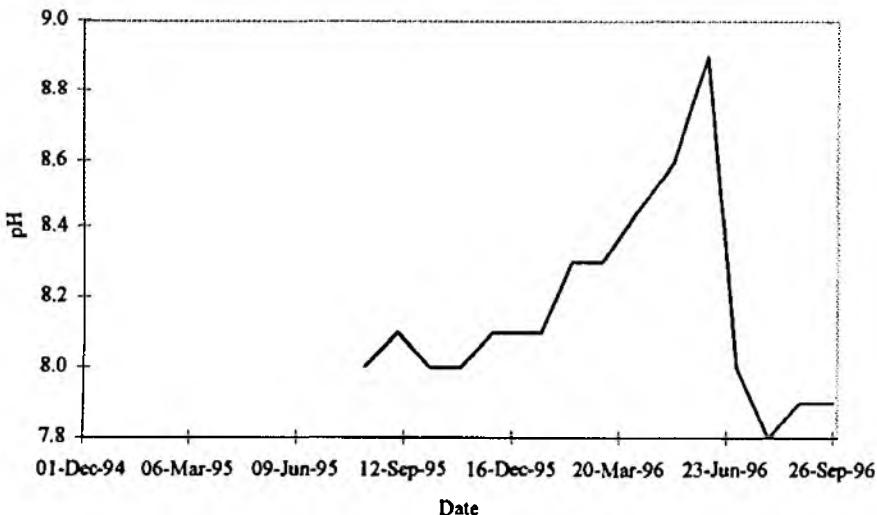


Figure 26 Inchford Brook (Kenilworth Castle)

### N at Inchford Brook (Kenilworth Castle)



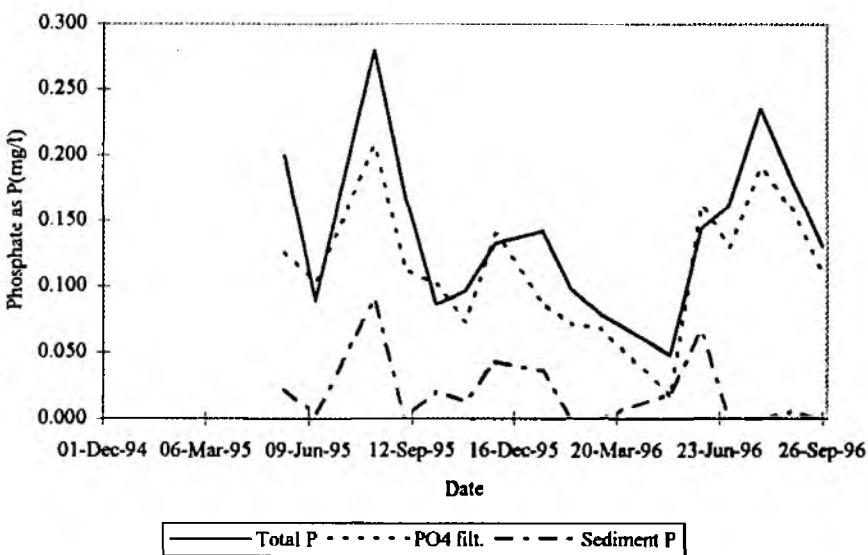
### pH at Inchford Brook (Kenilworth Castle)



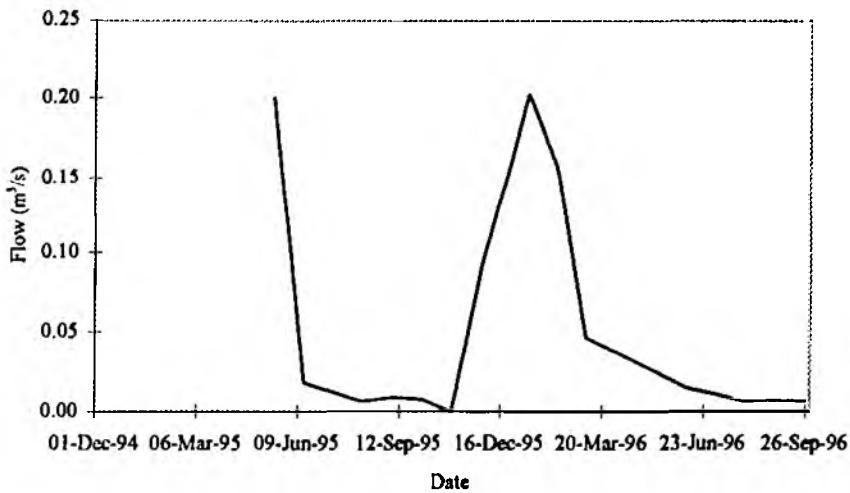
(Figure 26 cont.)

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### P at Inchford Brook (Kenilworth Castle)



### Flow at Inchford Brook (Kenilworth Castle)



D.O. and Temperature at Finham Bridge(Finham Brook)

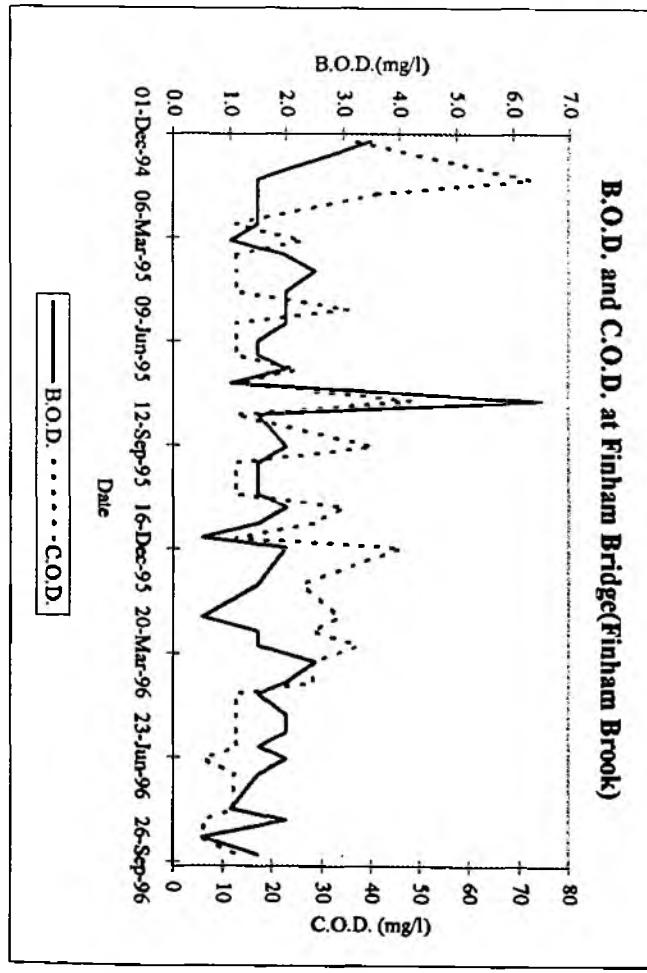
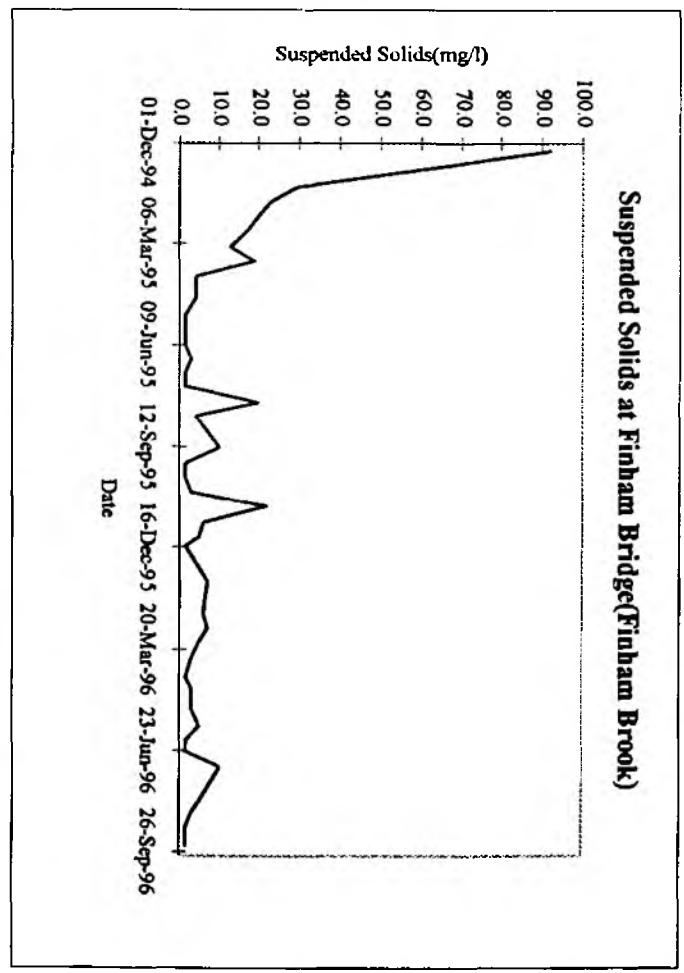
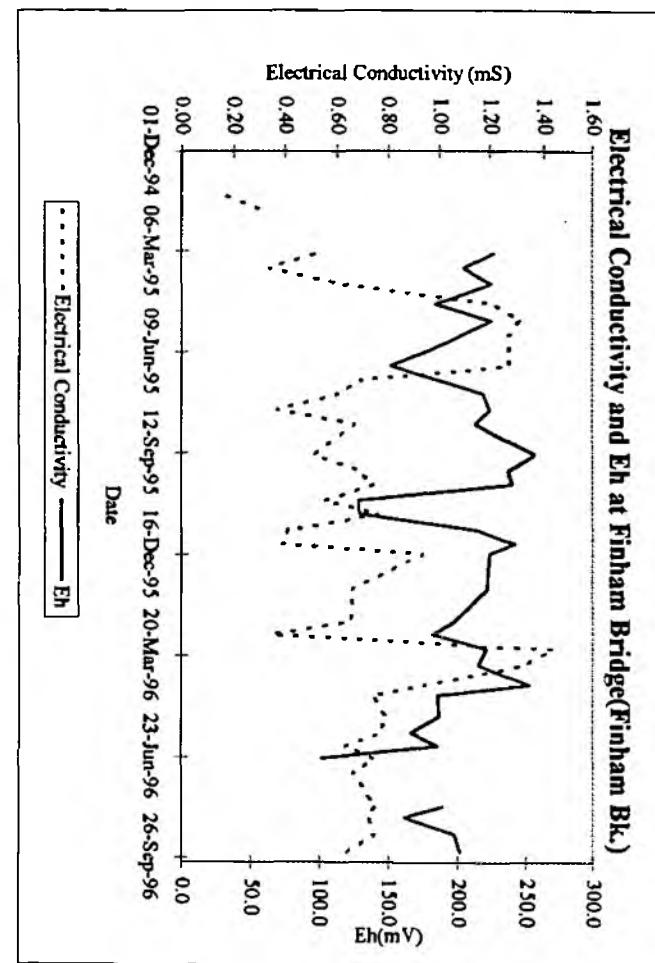
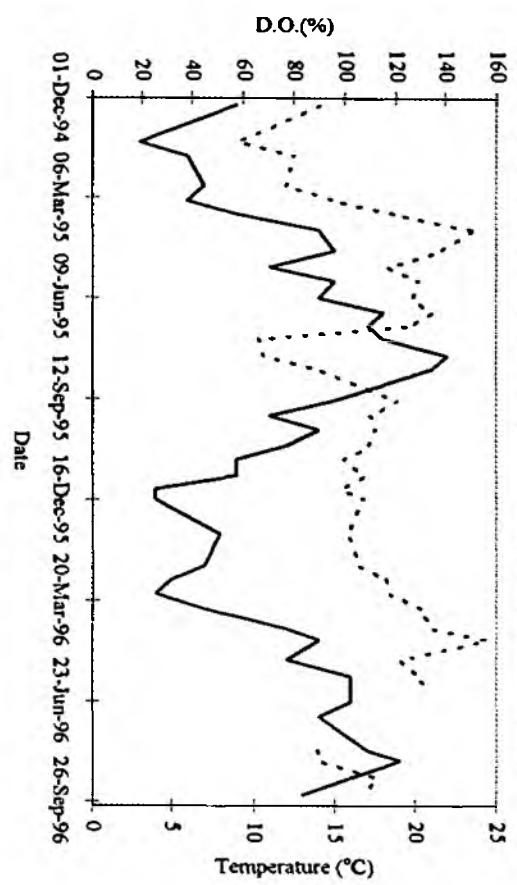
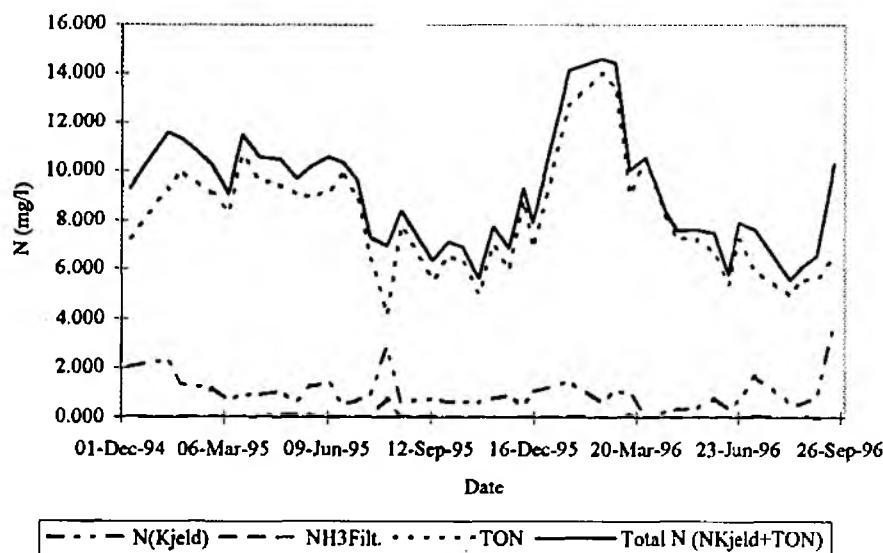
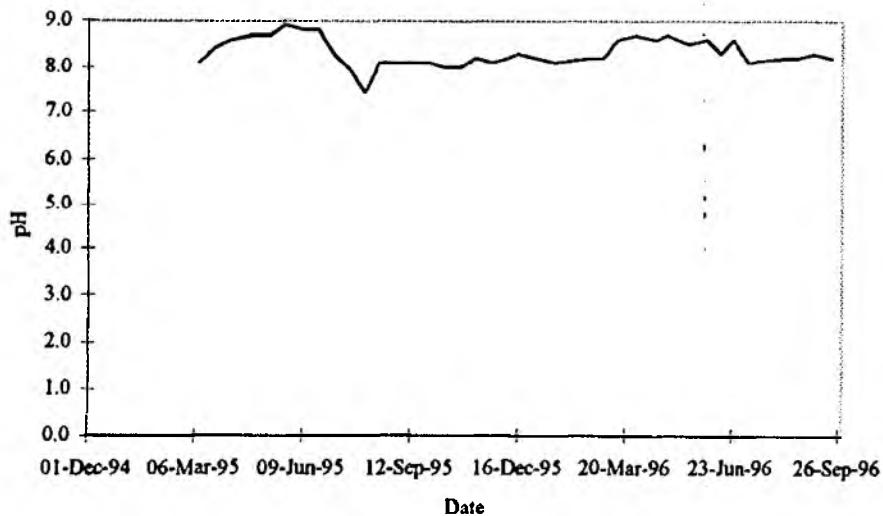


Figure 27 Finham Bridge (Finham Brook)

### N at Finham Bridge(Finham Brook)



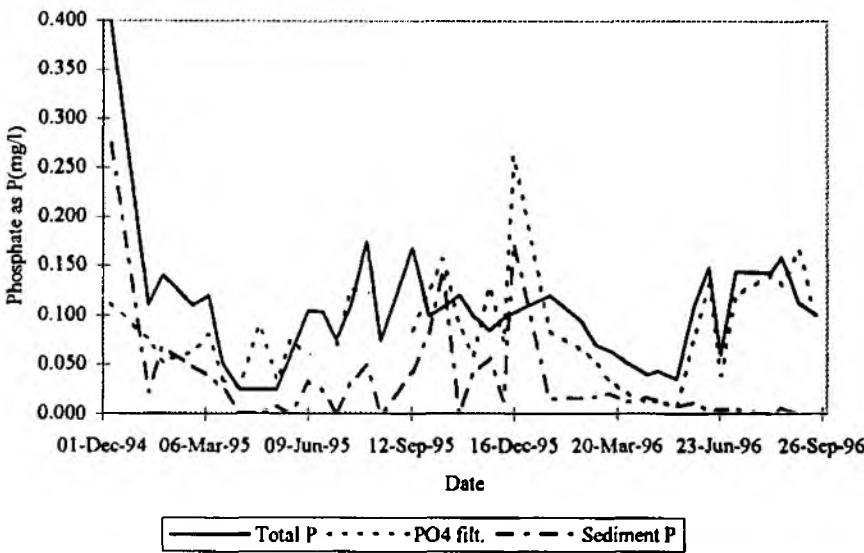
### pH at Finham Bridge(Finham Brook)



(Figure 27 cont.)

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### P at Finham Bridge(Finham Brook)



### Flow at Finham Bridge(Finham Brook)

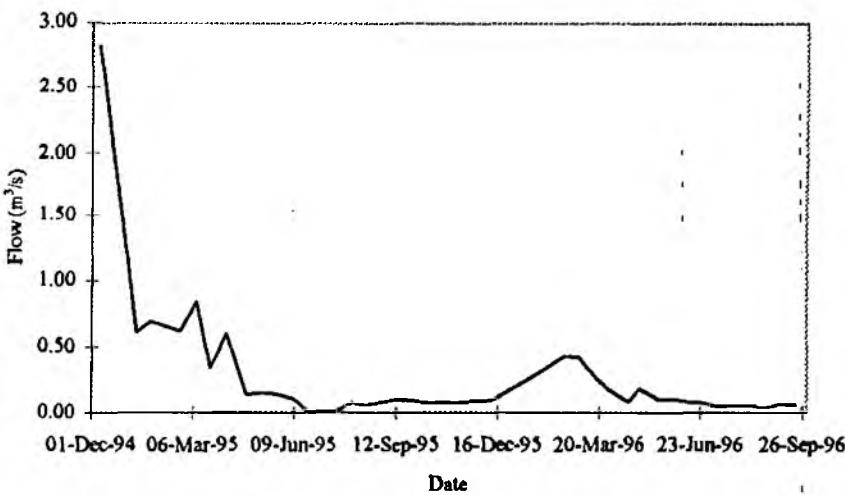
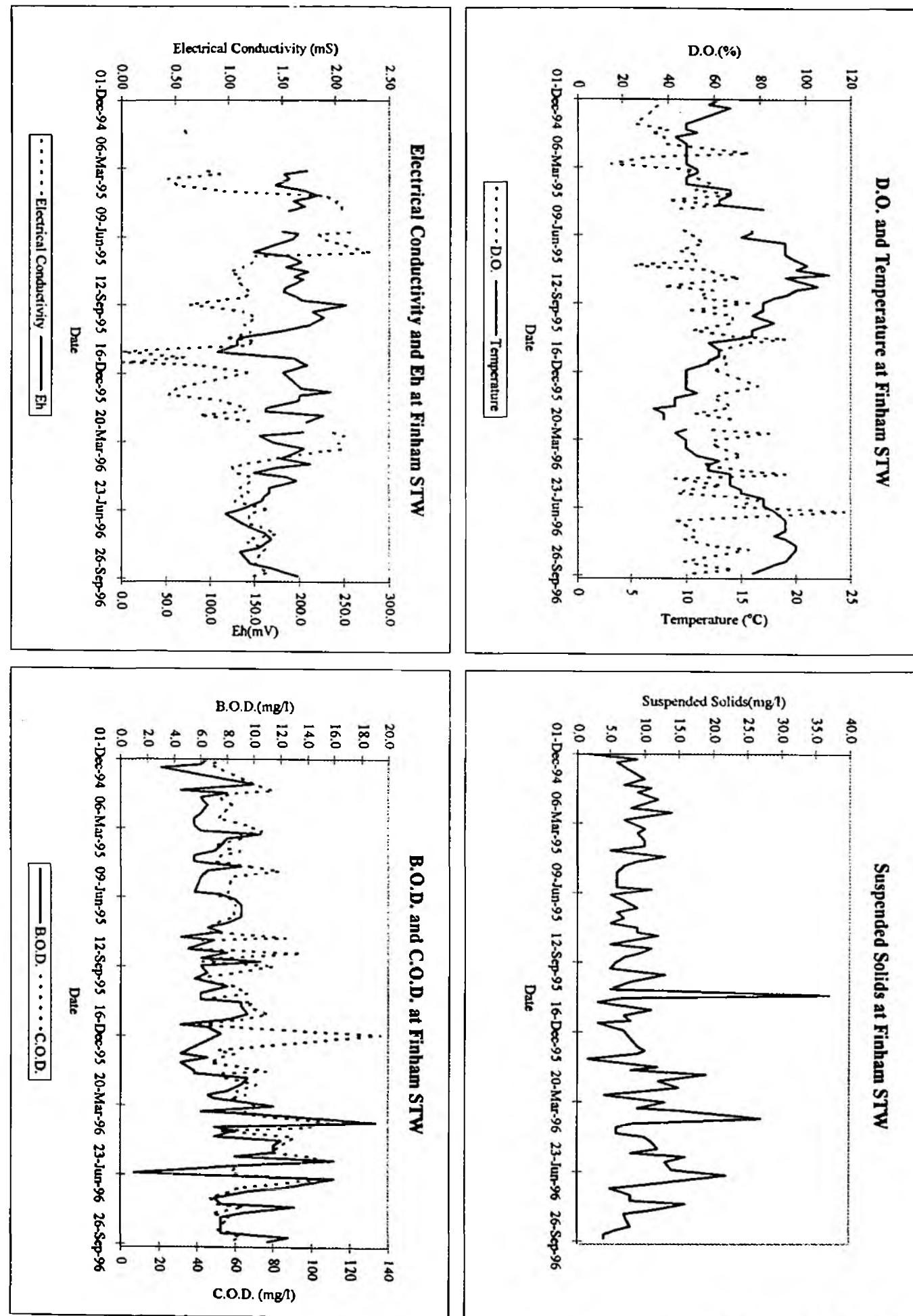
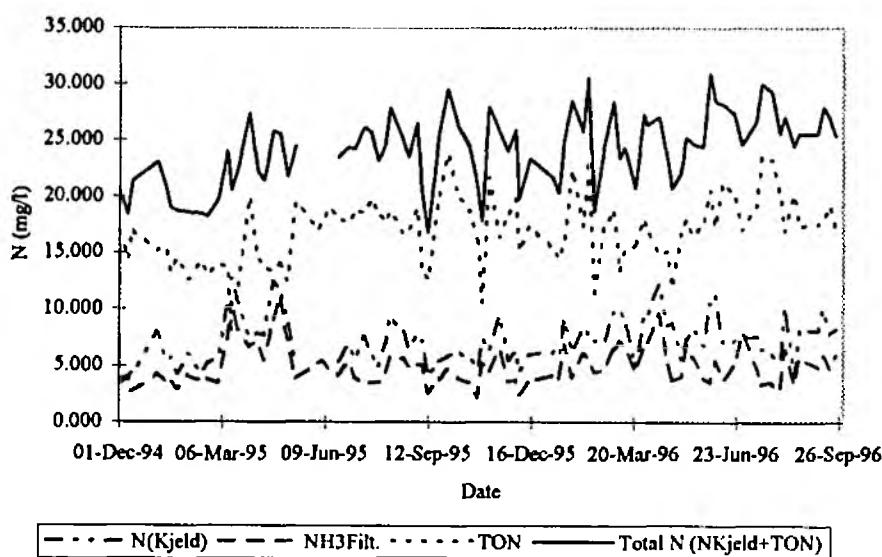


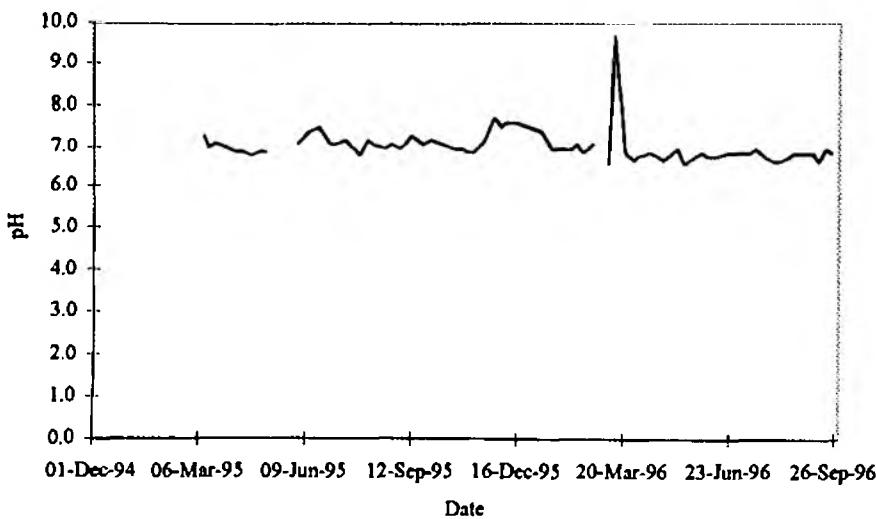
Figure 28 Finham STW



### N at Finham STW



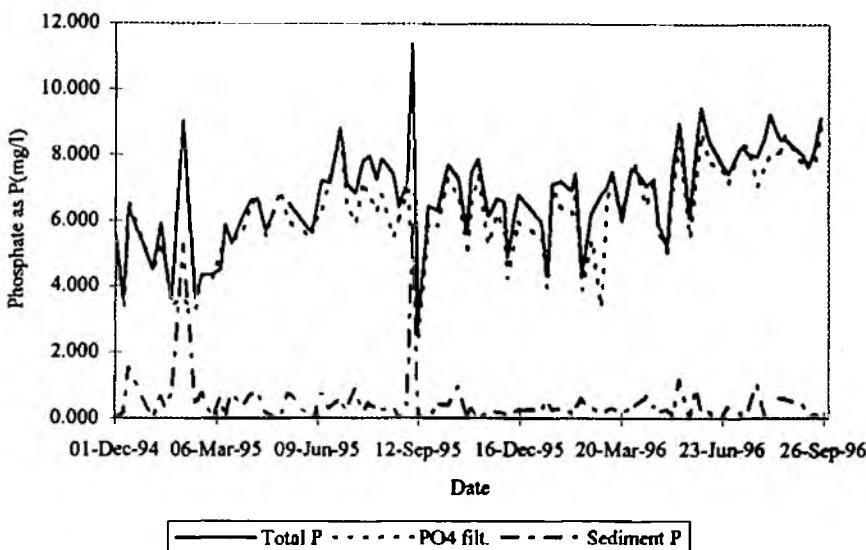
### pH at Finham STW



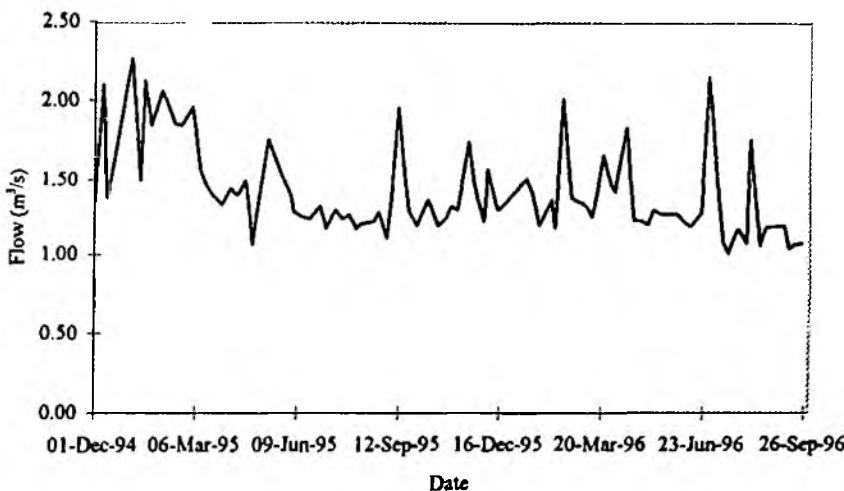
(Figure 28 cont.)

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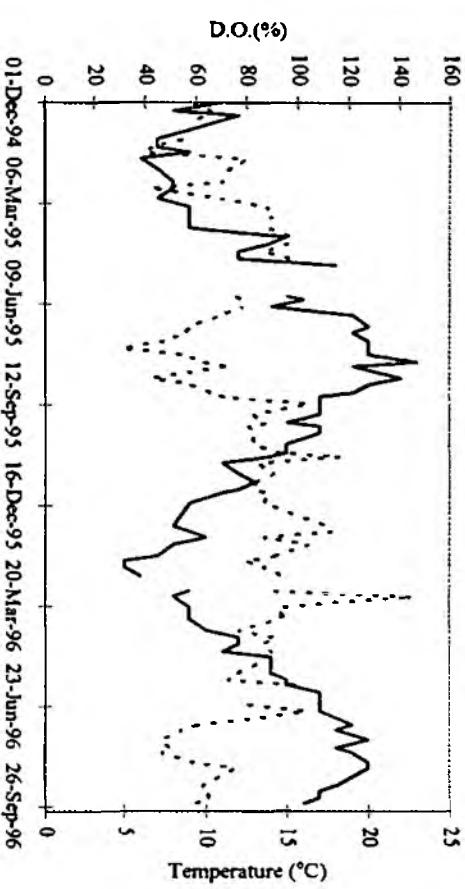
### P at Finham STW



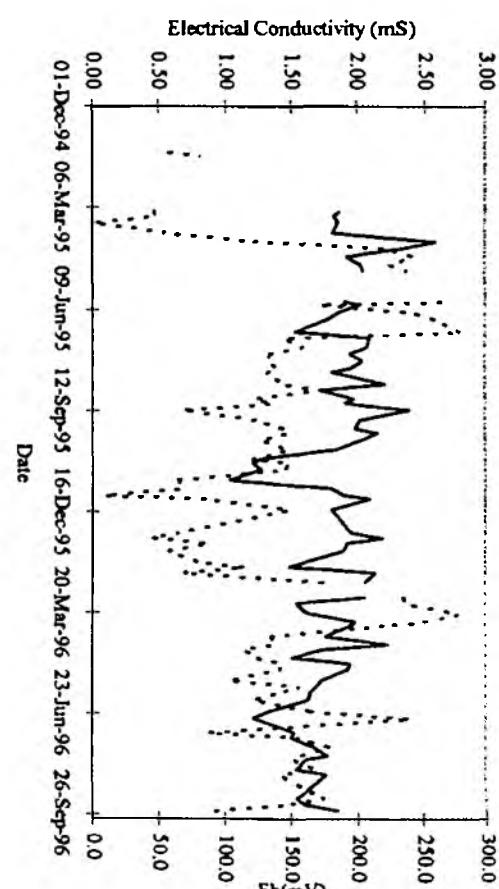
### Flow at Finham STW



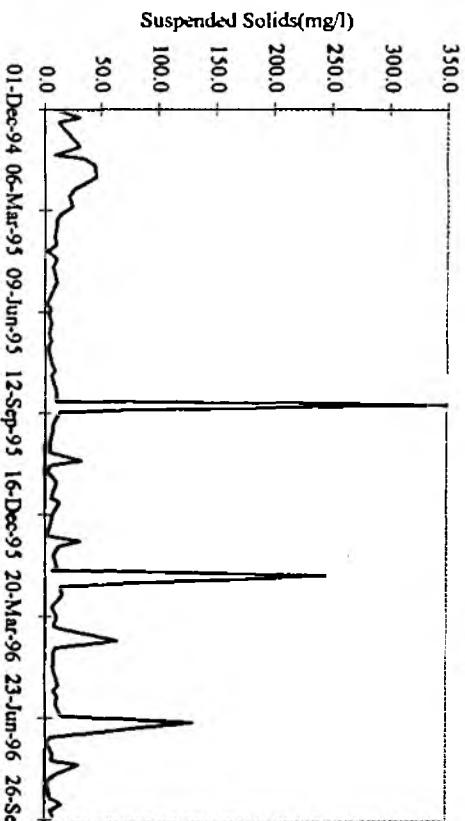
D.O. and Temperature at Stoneleigh(Sowe)



Electrical Conductivity and Eh at Stoneleigh(Sowe)



Suspended Solids at Stoneleigh(Sowe)



B.O.D. and C.O.D. at Stoneleigh(Sowe)

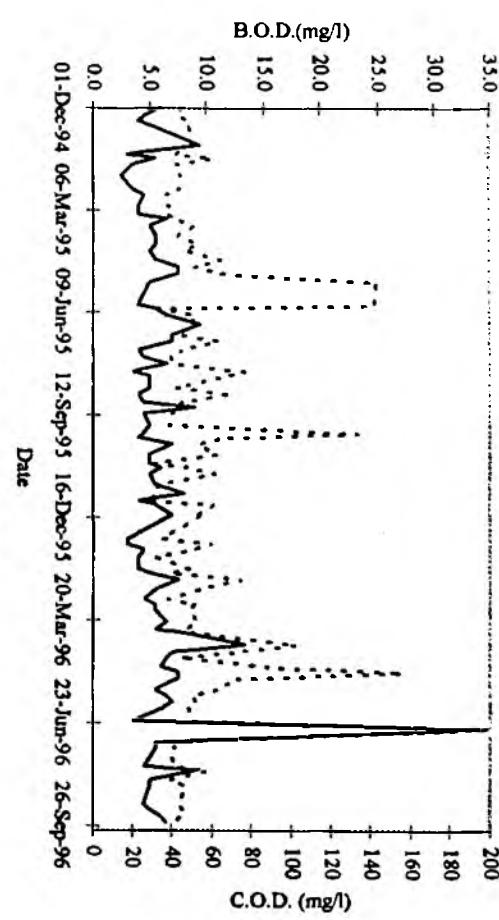
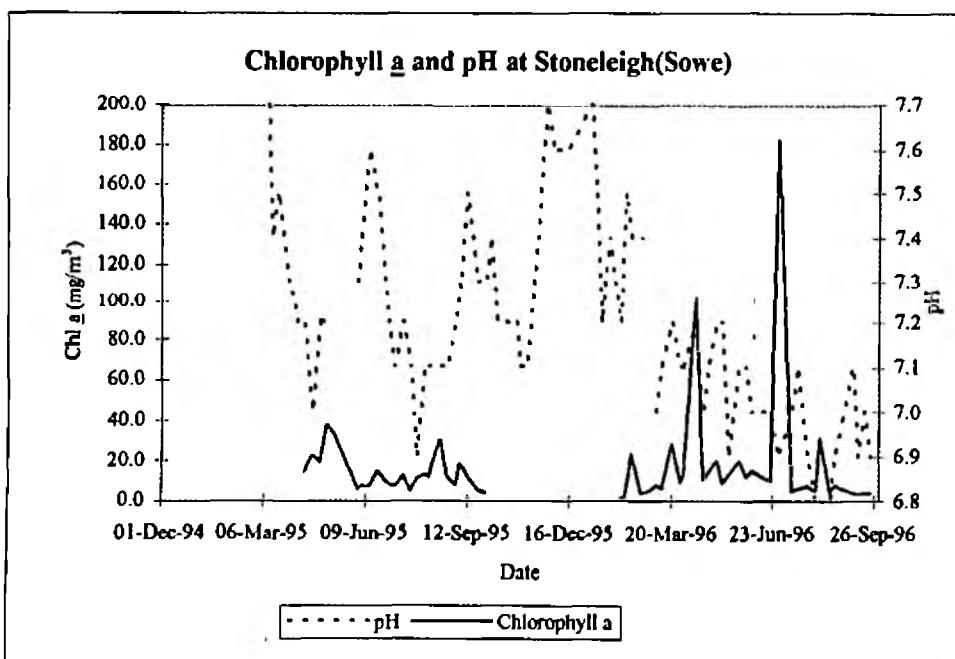
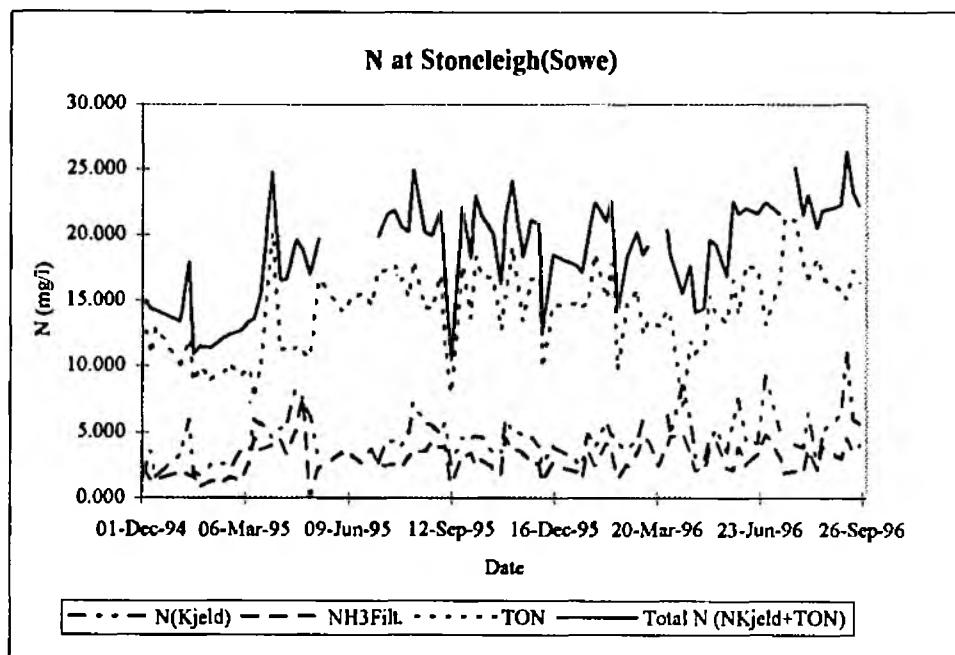


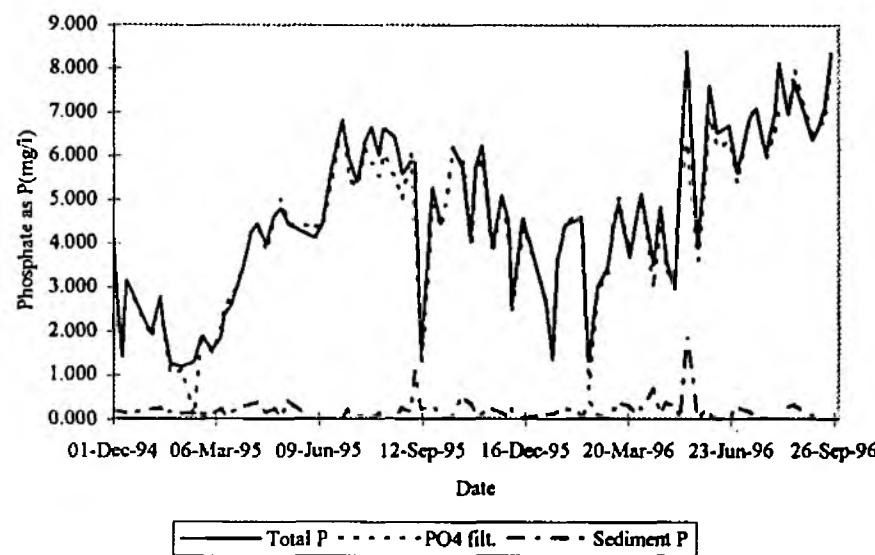
Figure 29 Stoneleigh (Sowe)



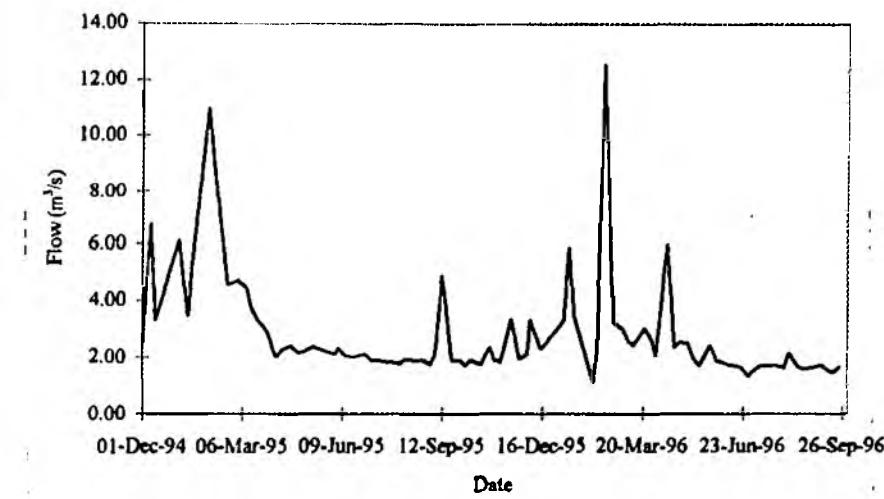
(Figure 29 cont.)

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P at Stoneleigh(Sowe)



Flow at Stoneleigh(Sowe)



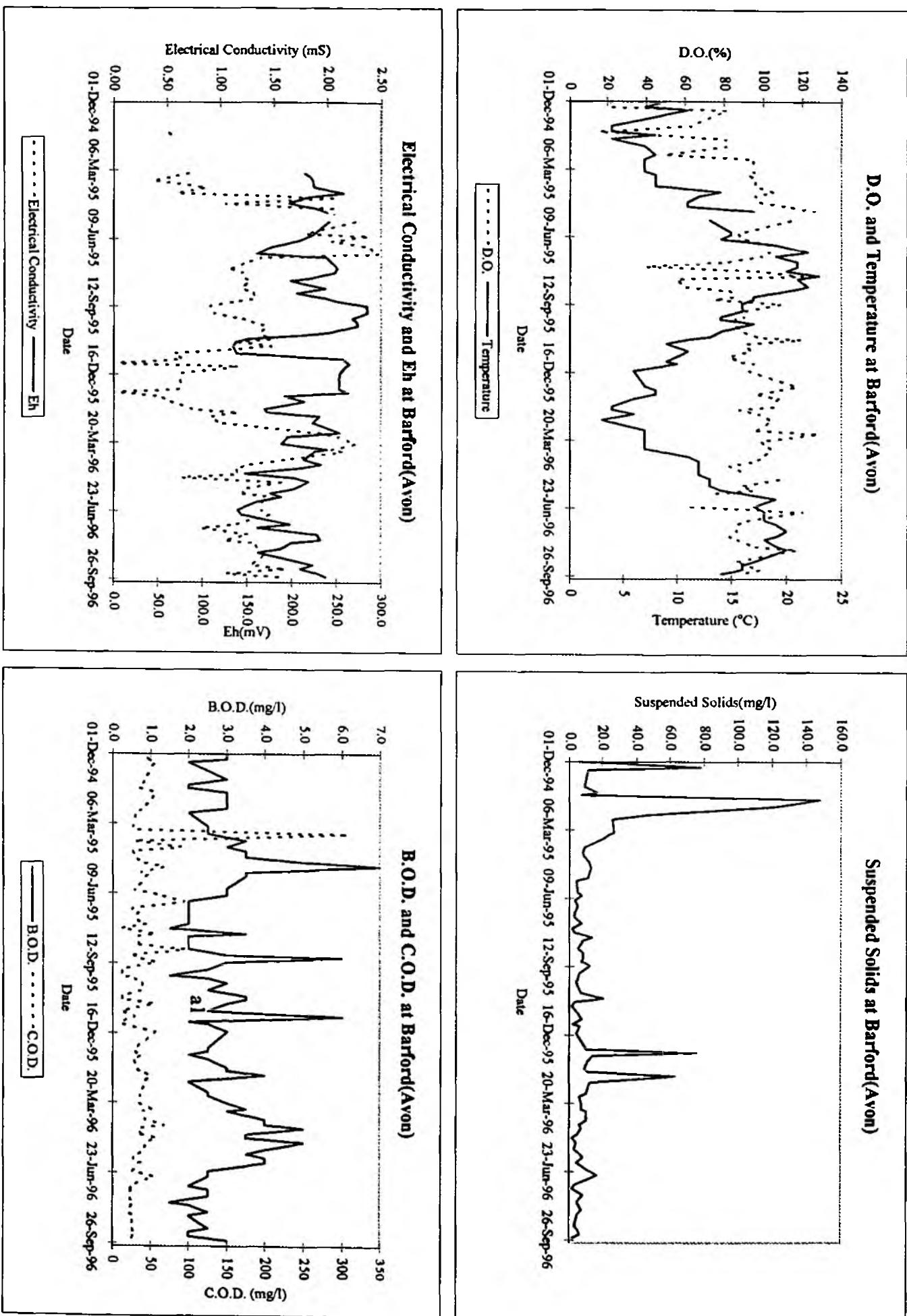
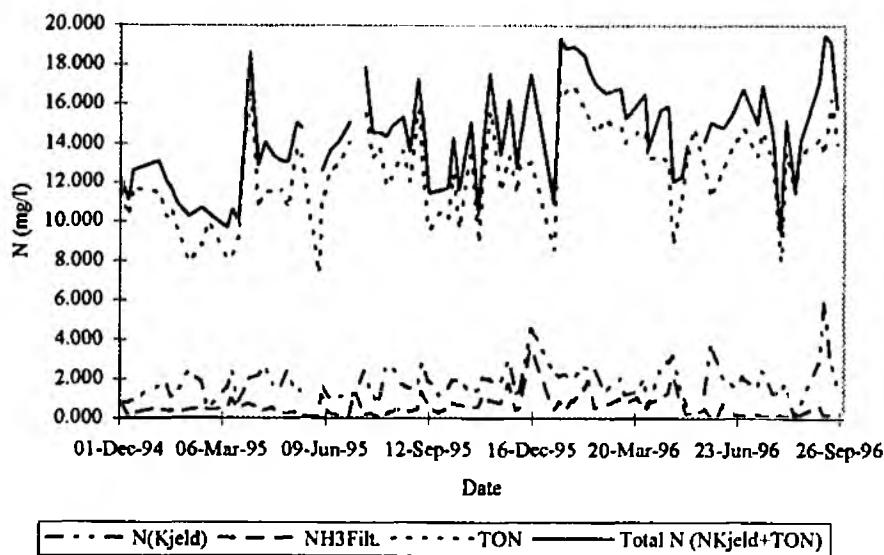
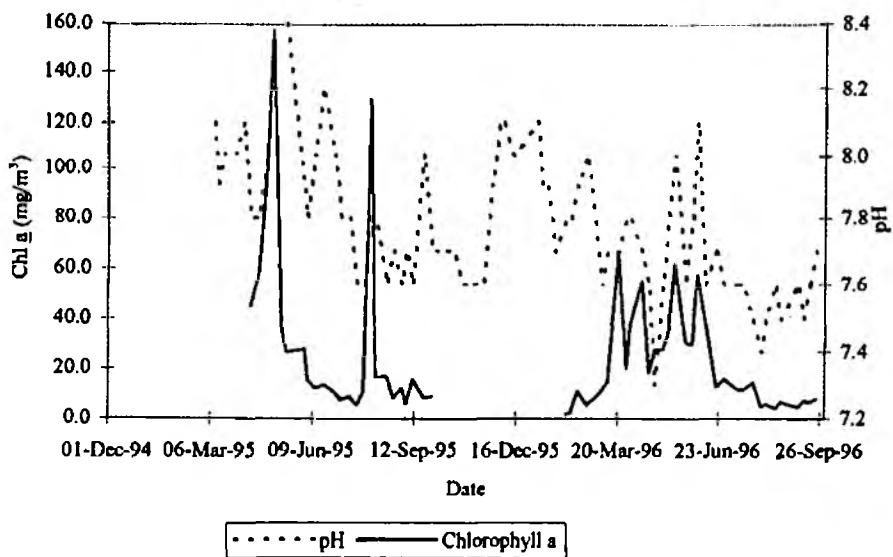


Figure 30 Barford (Avon)

### N at Barford(Avon)



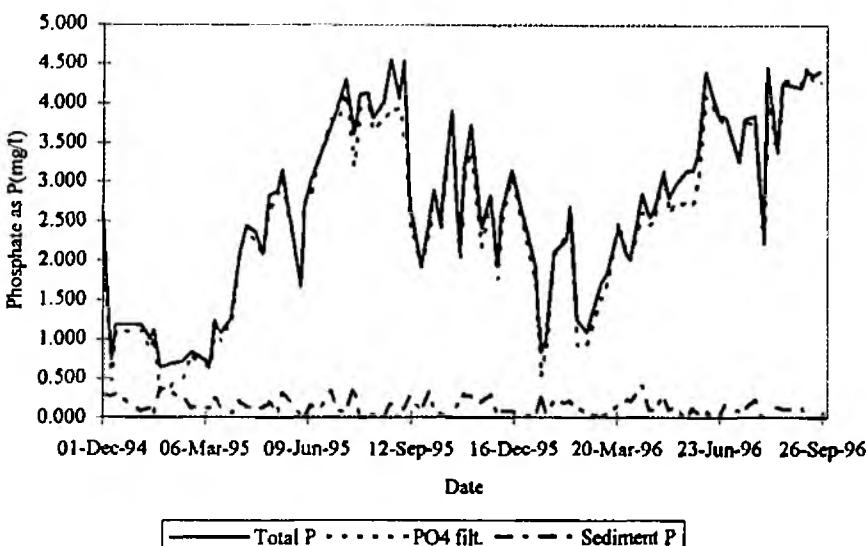
### Chlorophyll a and pH at Barford(Avon)



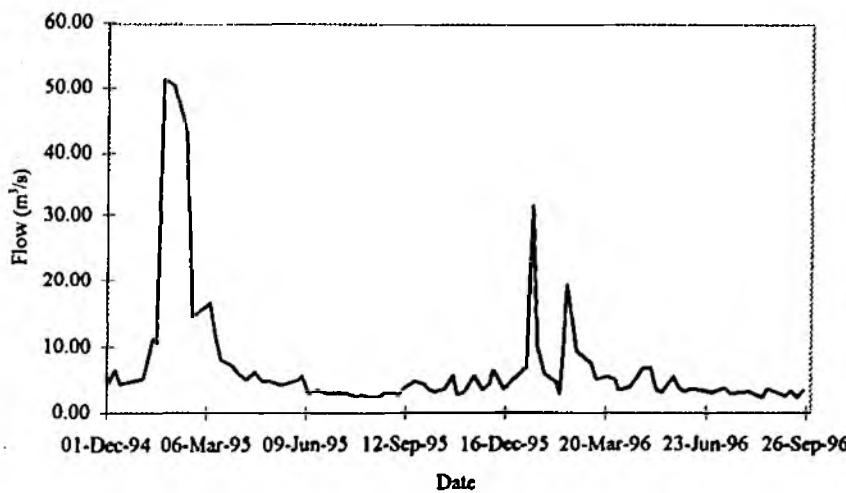
(Figure 30 cont.)

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P at Barford(Avon)



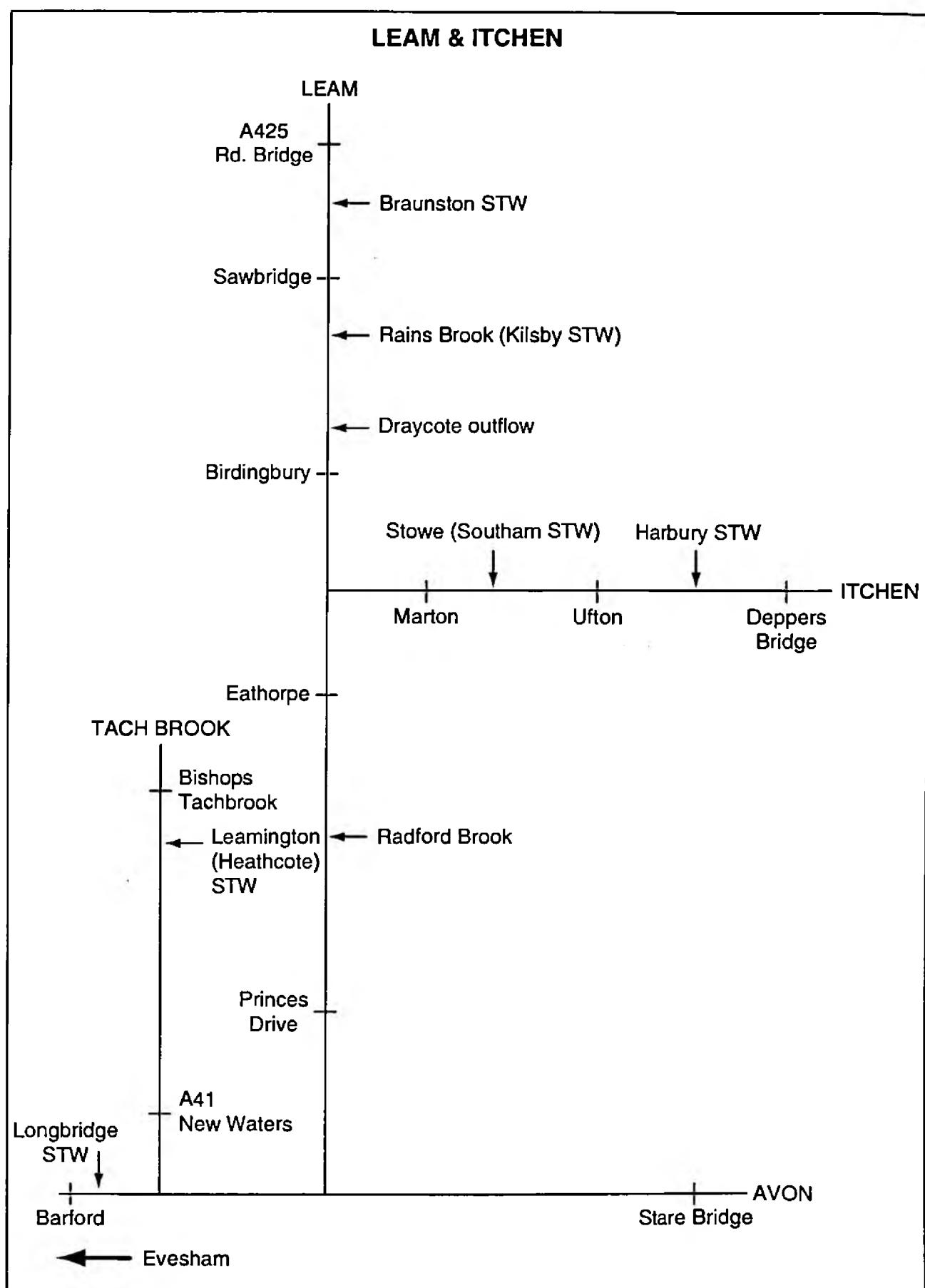
Flow at Barford(Avon)



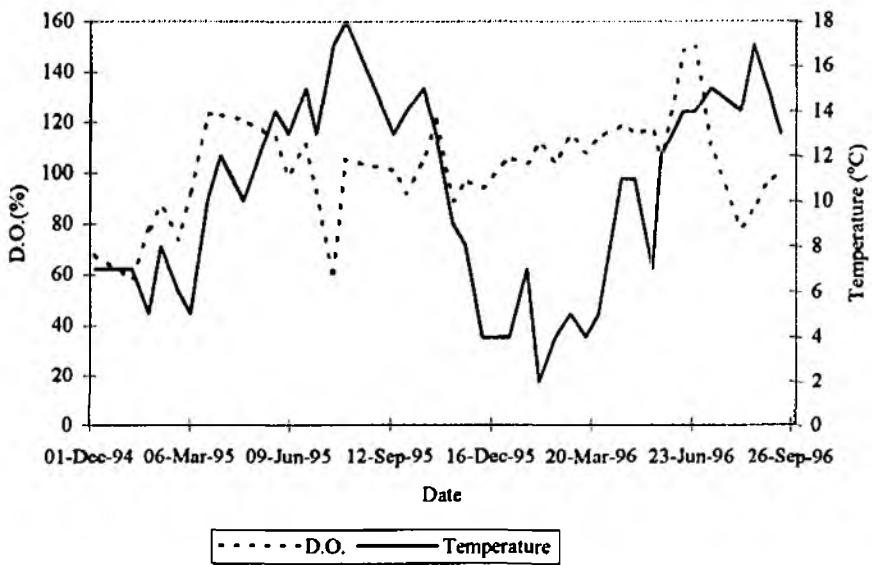
## **Appendix 1c**

### **The River Leam and its sub-catchments**

Figure 31 Site Location Map for the river Leam and its sub-catchments



### D.O. and Temperature at A425(Leam)



### Electrical Conductivity and Eh at A425(Leam)

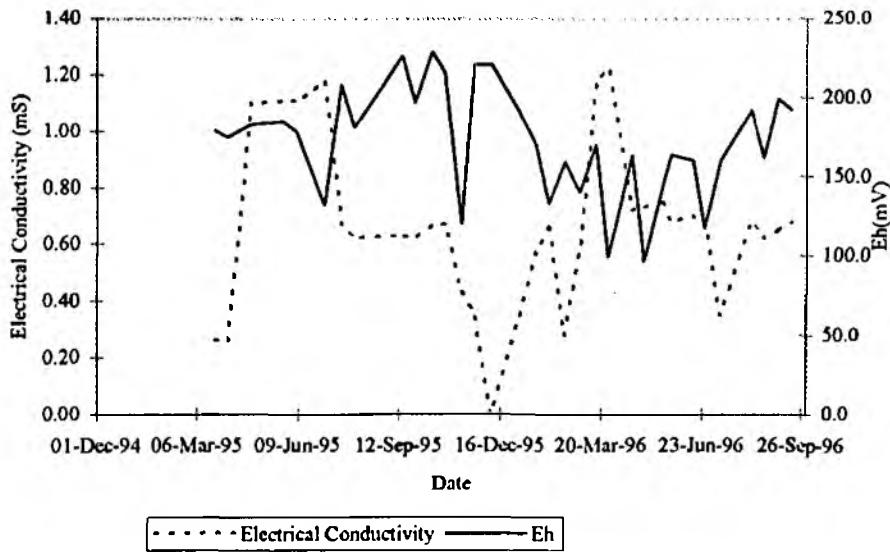
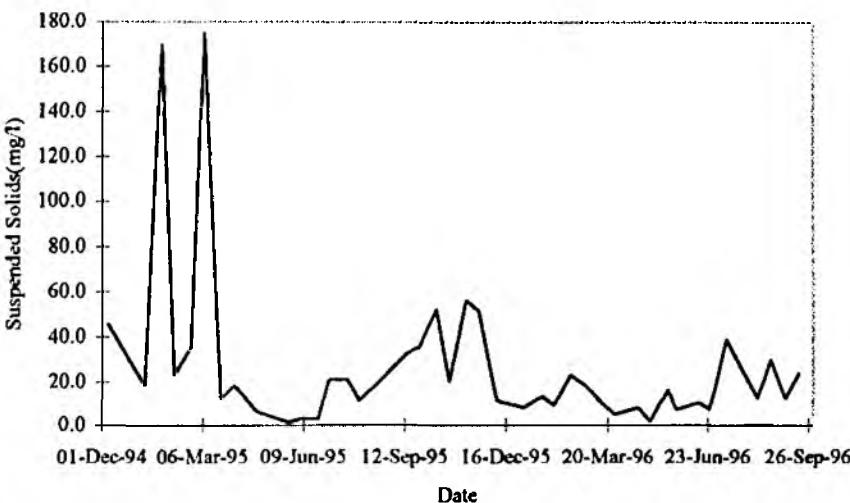


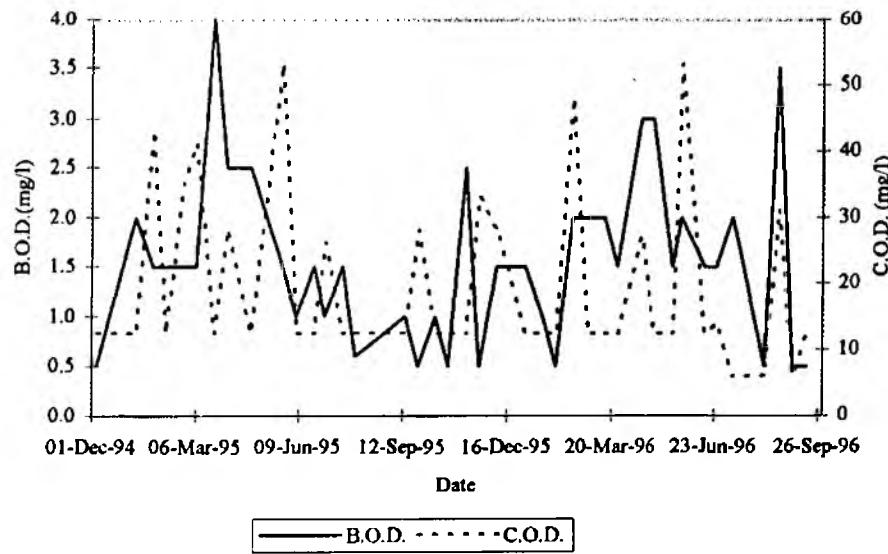
Figure 32 A425 (Leam)

60

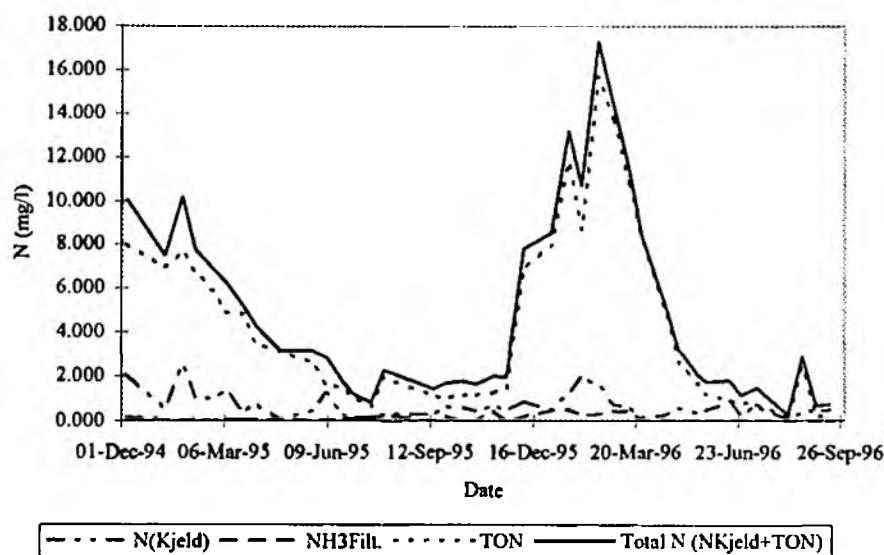
### Suspended Solids at A425(Leam)



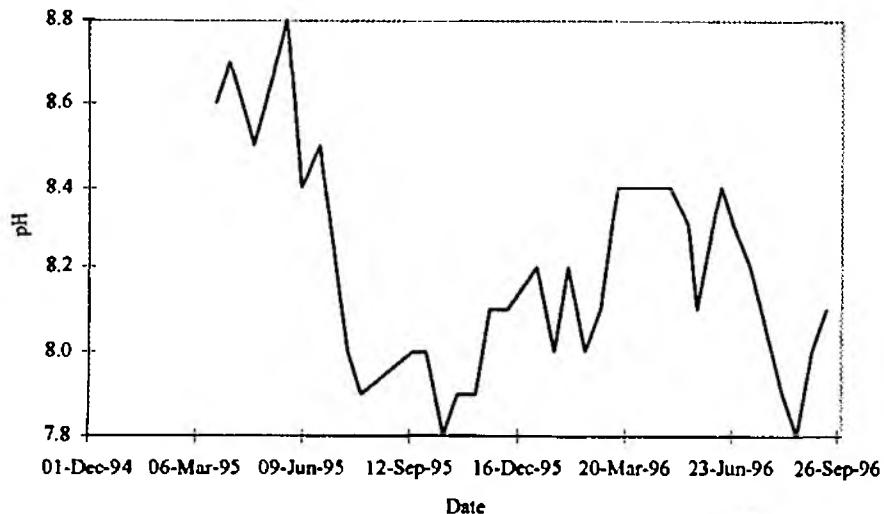
### B.O.D. and C.O.D. at A425(Leam)



### N at A425(Leam)



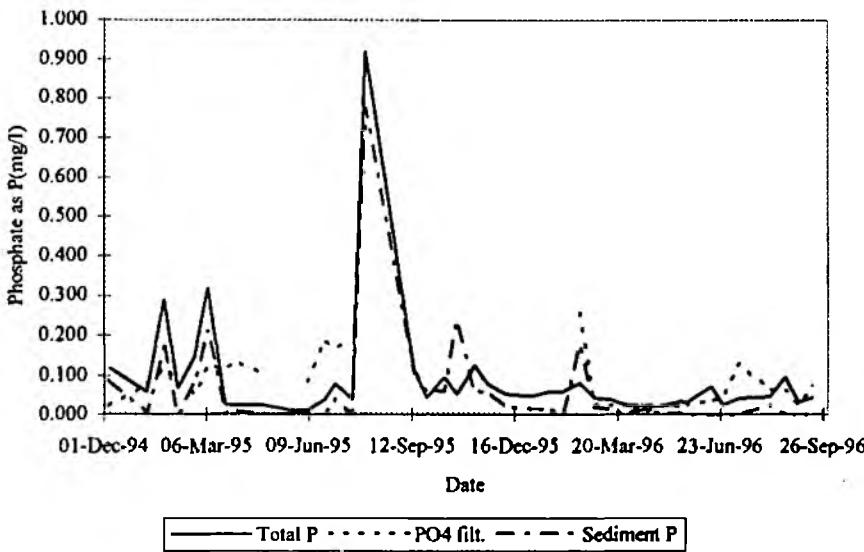
### pH at A425(Leam)



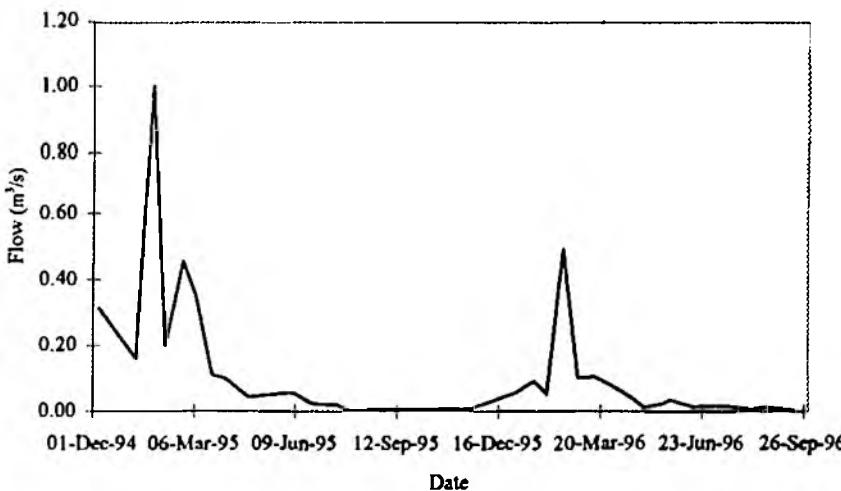
(Figure 32 cont.)

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P at A425(Leam)



Flow at A425(Leam)



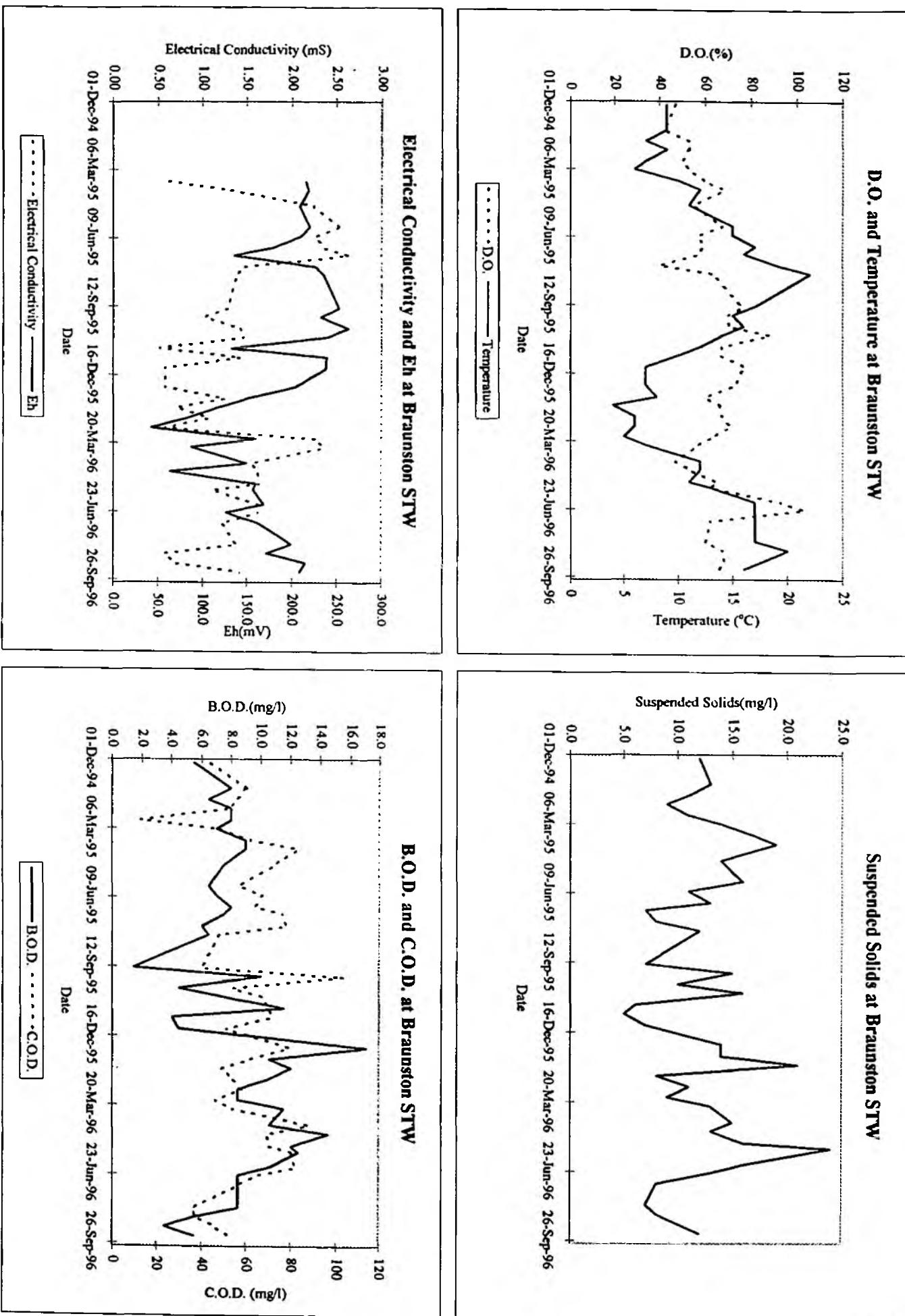
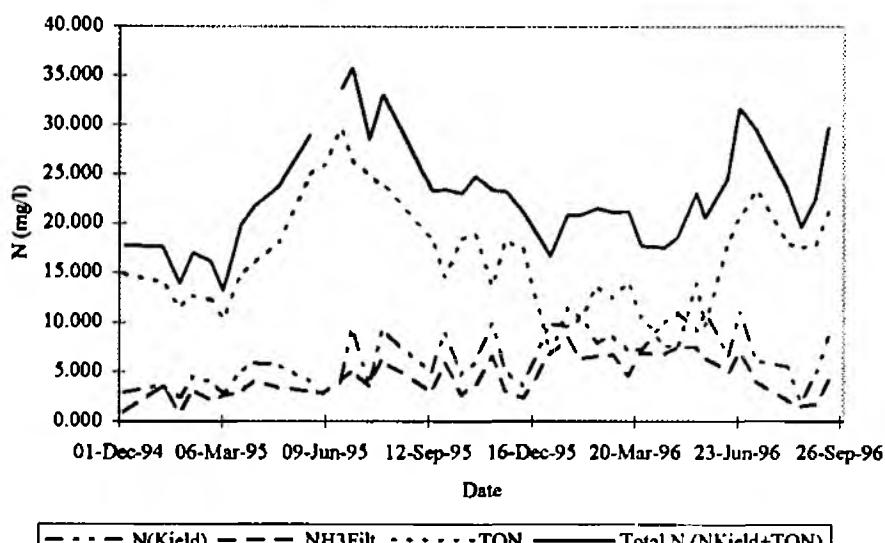
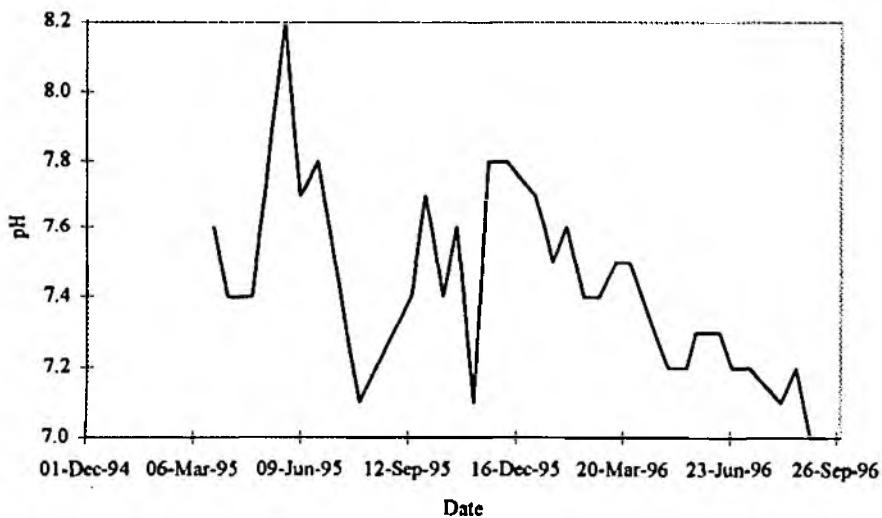


Figure 33 Braunston STW

### N at Braunston STW



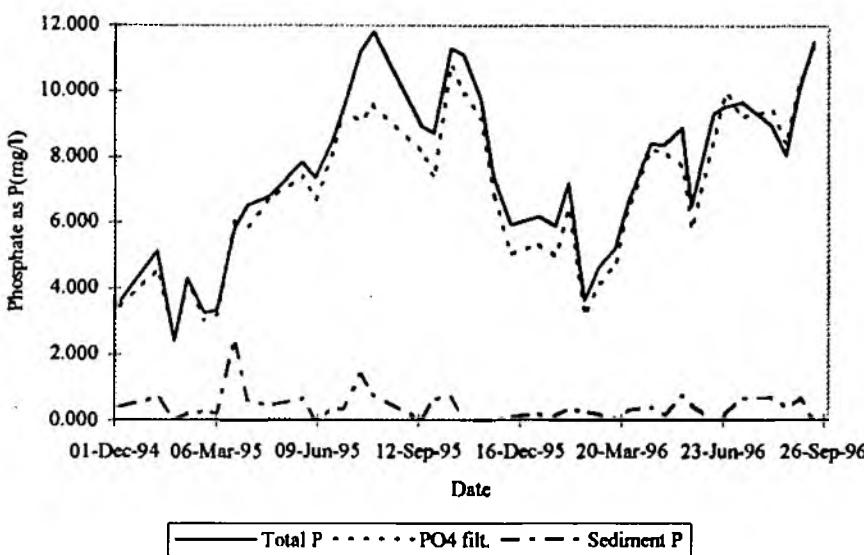
### pH at Braunston STW



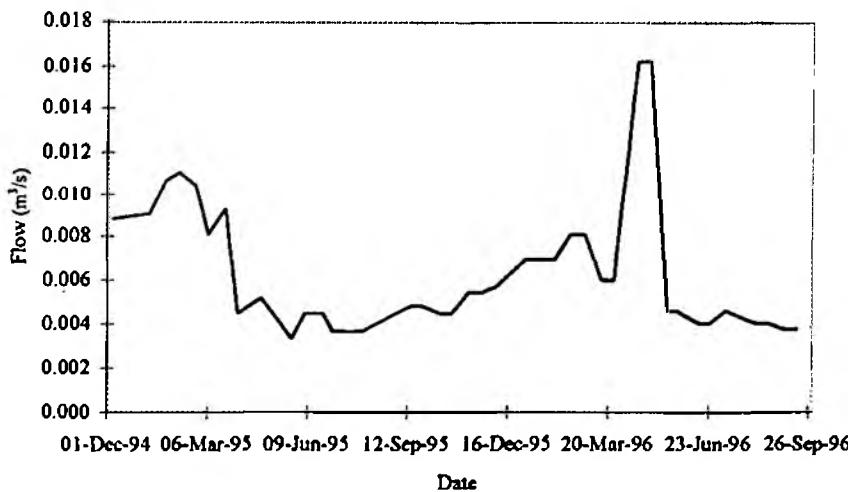
(Figure 33 cont.)

63

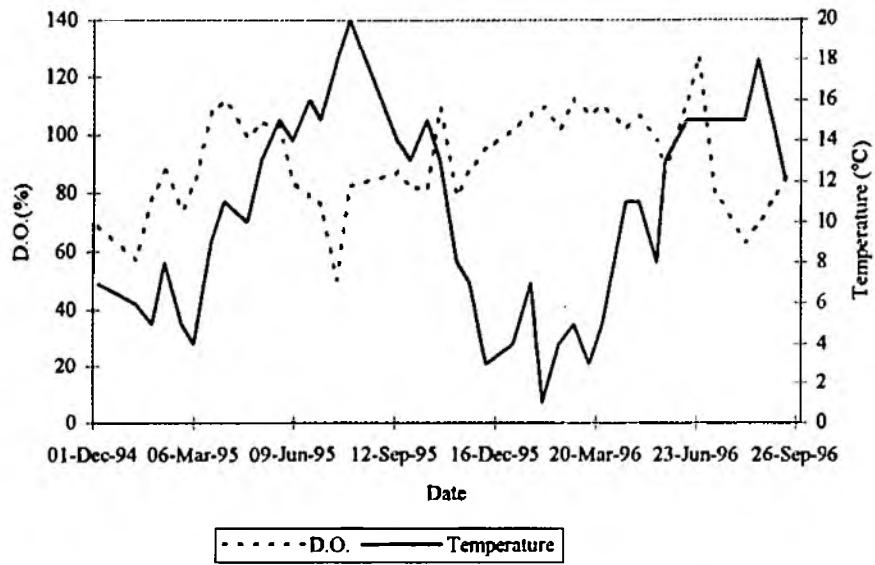
P at Braunston STW



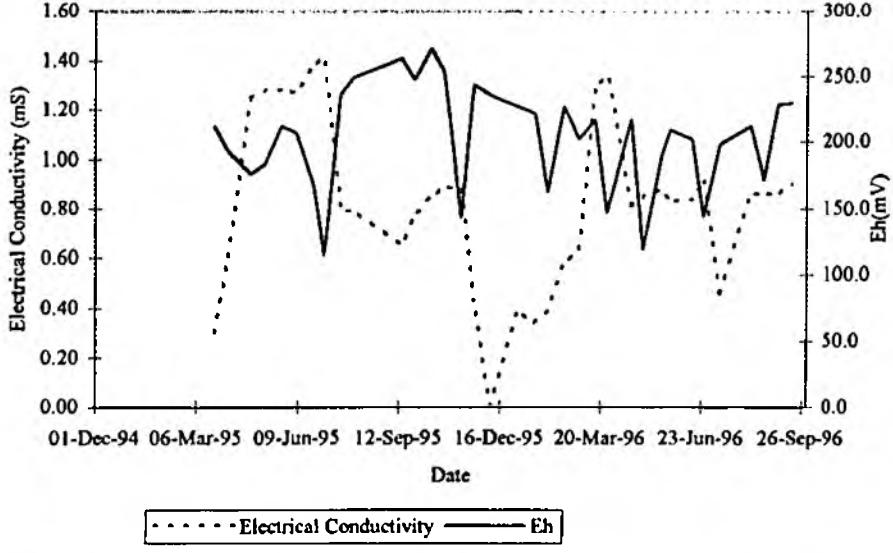
Flow at Braunston STW



### D.O. and Temperature at Sawbridge(Lcam)



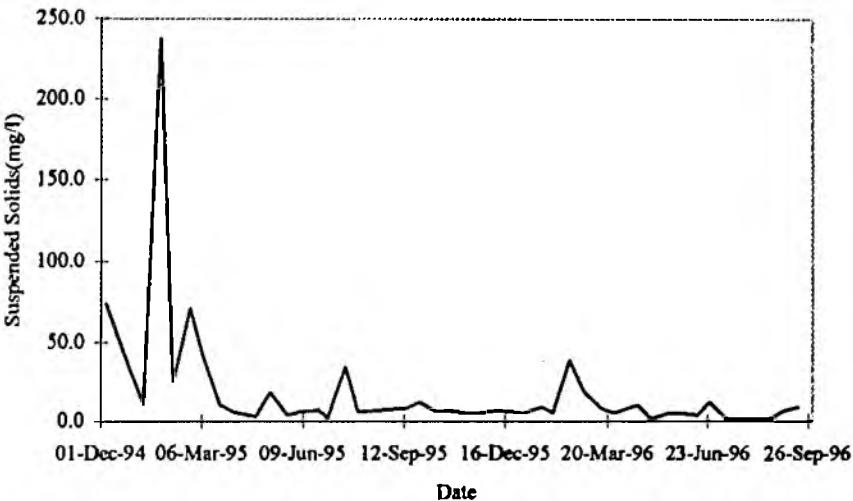
### Electrical Conductivity and Eh at Sawbridge(Lcam)



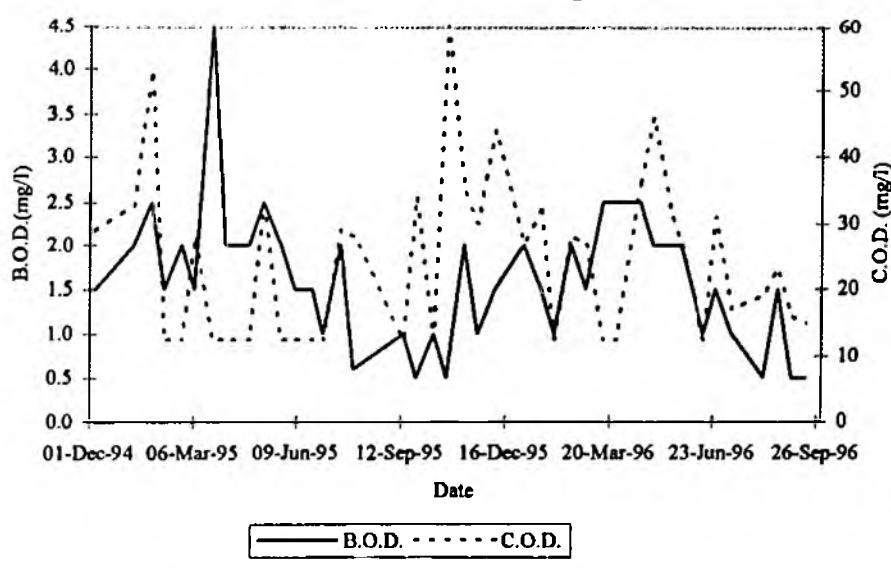
**Figure 34 Sawbridge (Leam)**

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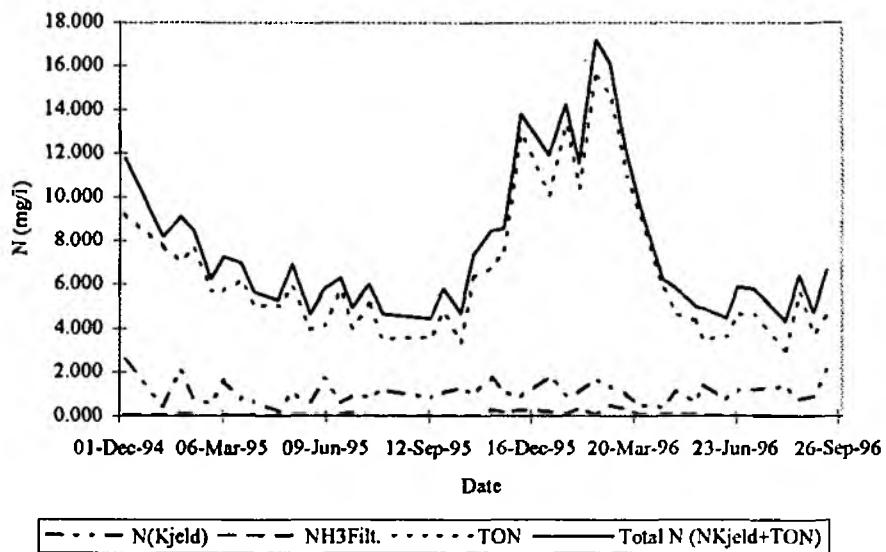
**Suspended Solids at Sawbridge(Leam)**



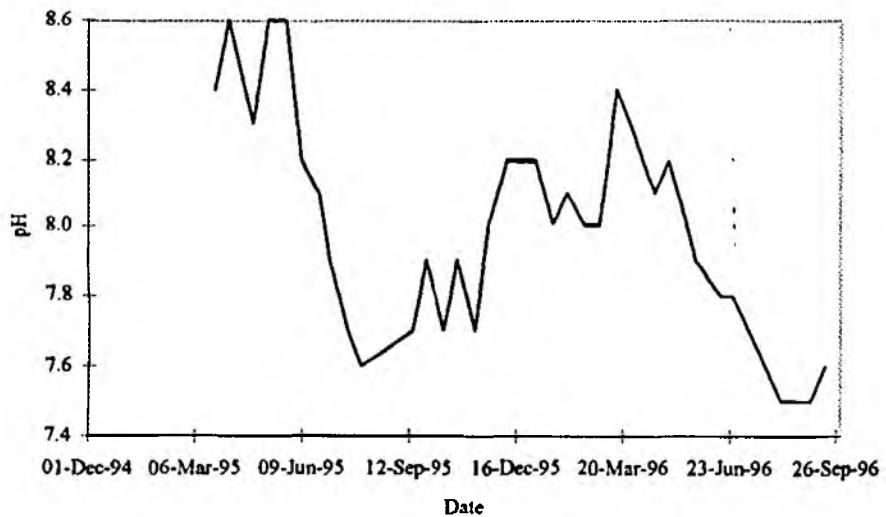
**B.O.D. and C.O.D. at Sawbridge(Leam)**



### N at Sawbridge(Leam)



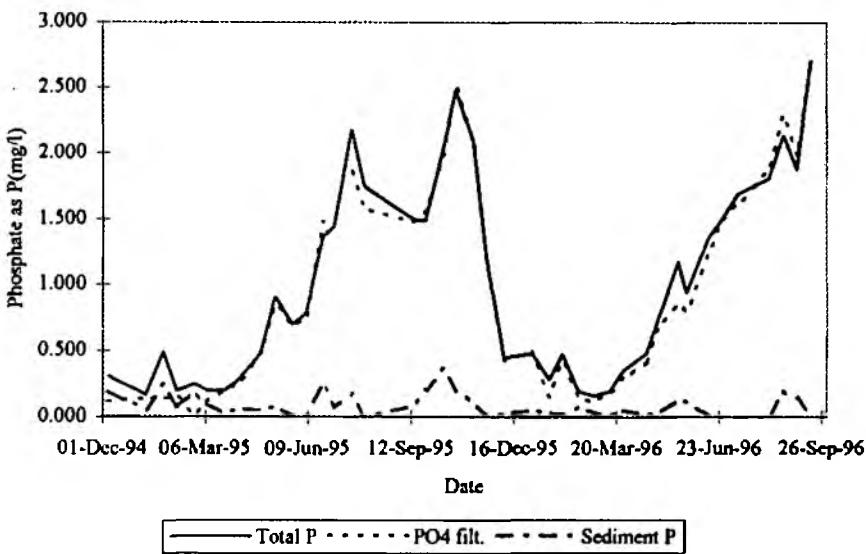
### pH at Sawbridge(Leam)



(Figure 34 cont.)

65

P at Sawbridge(Leam)



Flow at Sawbridge(Leam)

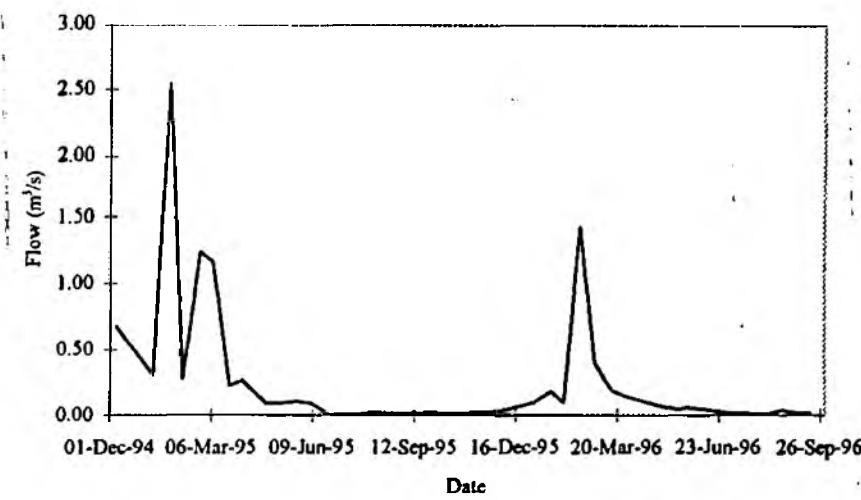
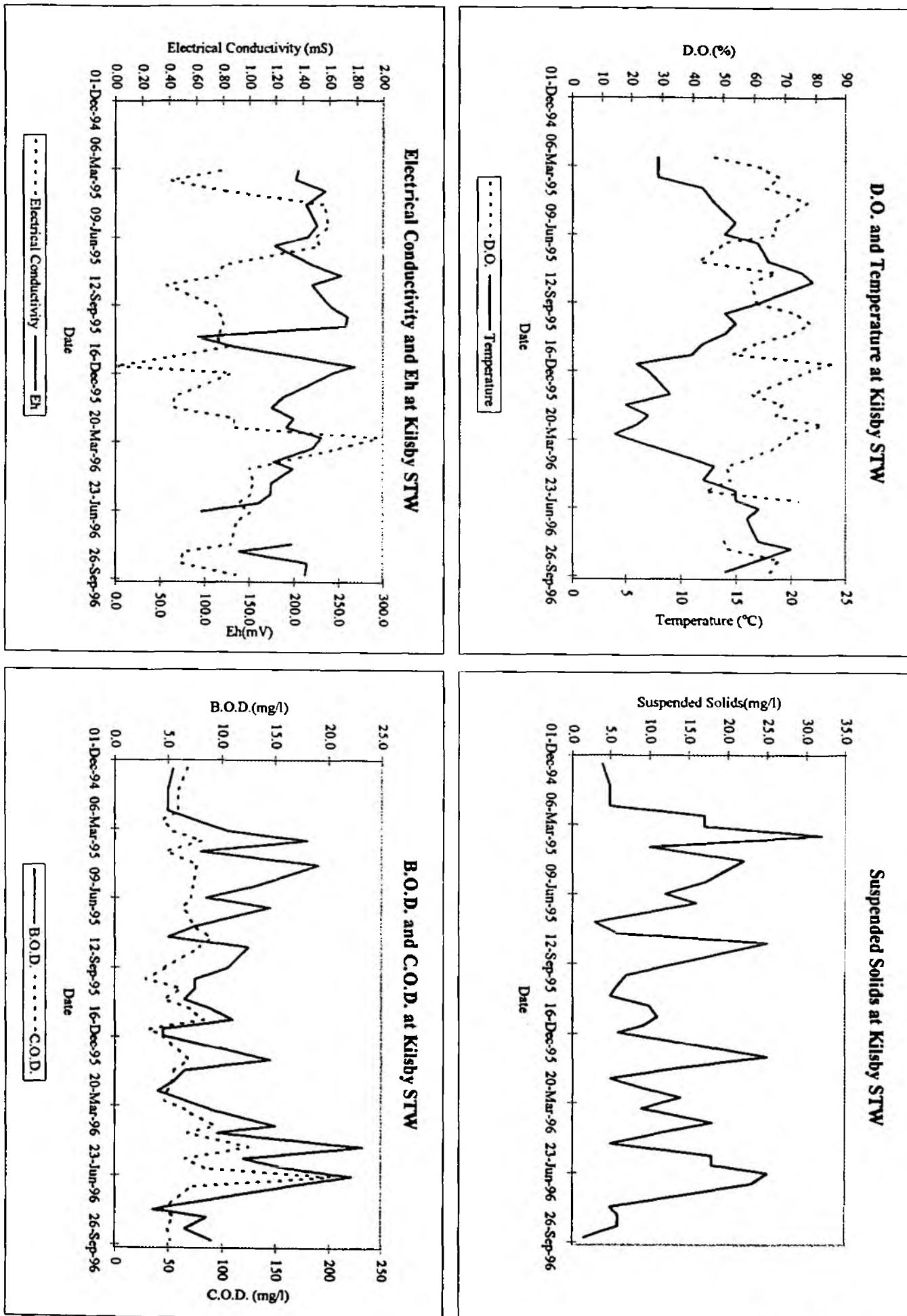
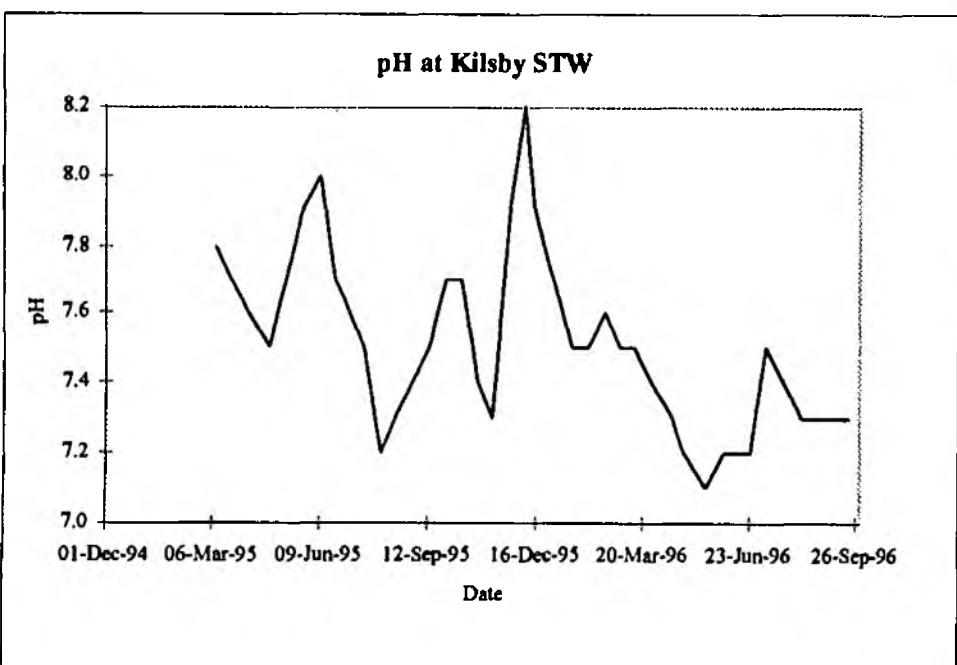
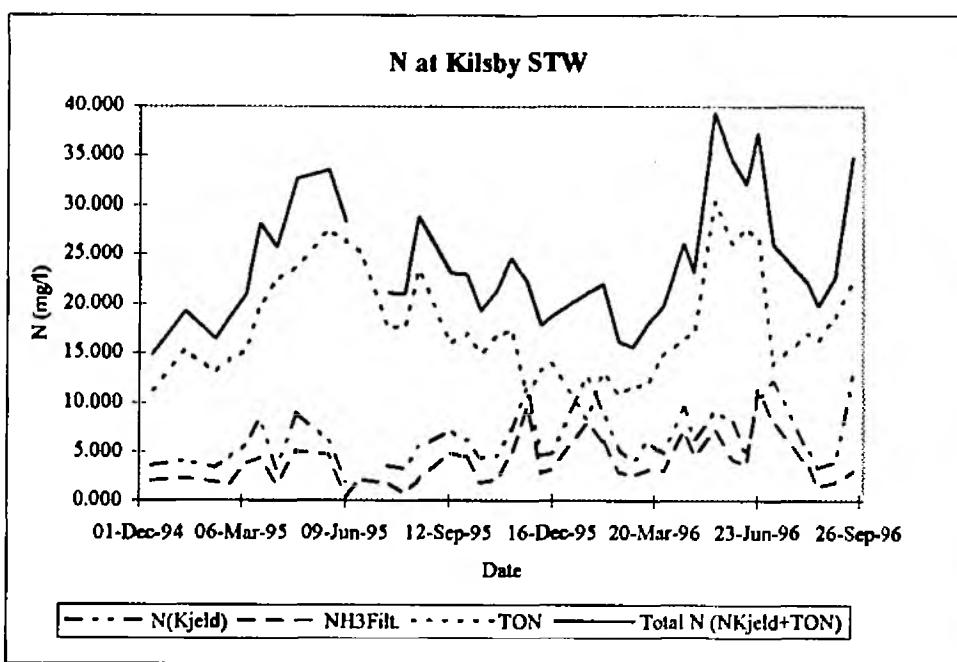


Figure 35 Kilsby STW

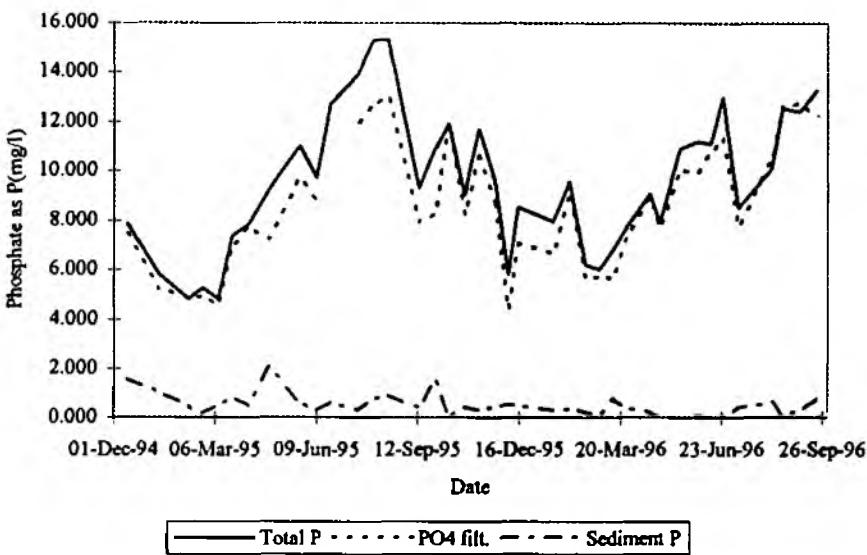




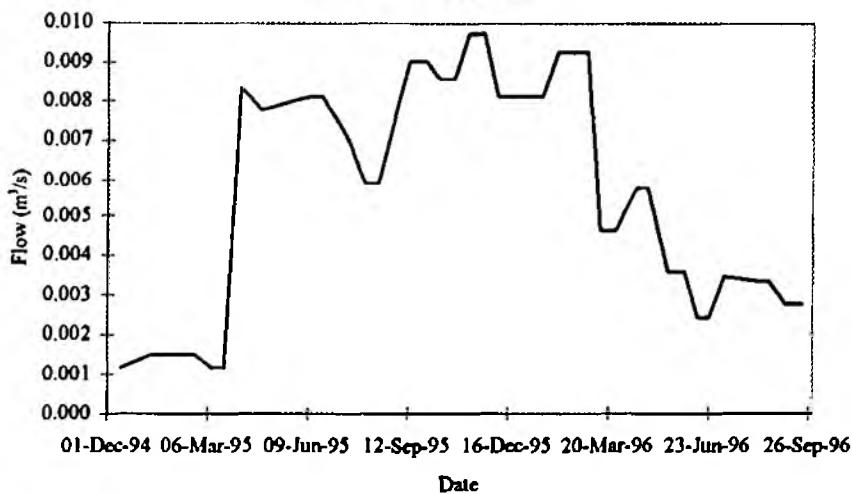
(Figure 35 cont.)

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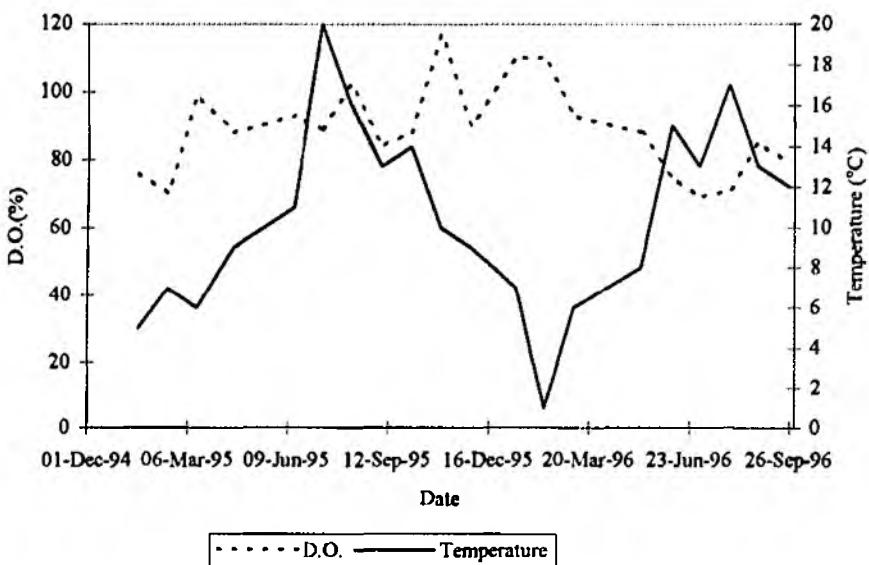
### P at Kilsby STW



### Flow at Kilsby STW



### D.O. and Temperature at Rains Brook (Barby Rd.Br.)



### Electrical Conductivity and Eh at Rains Brook (Barby Rd.Br.)

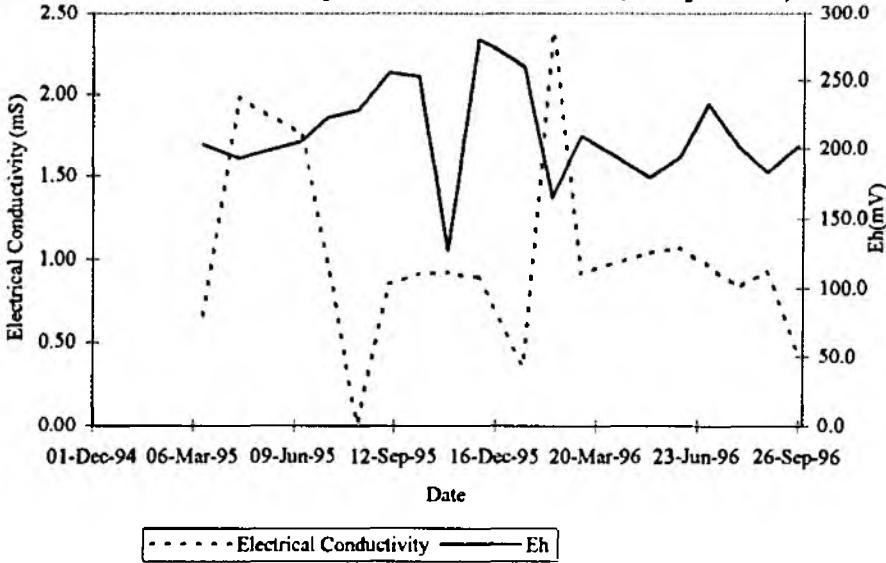
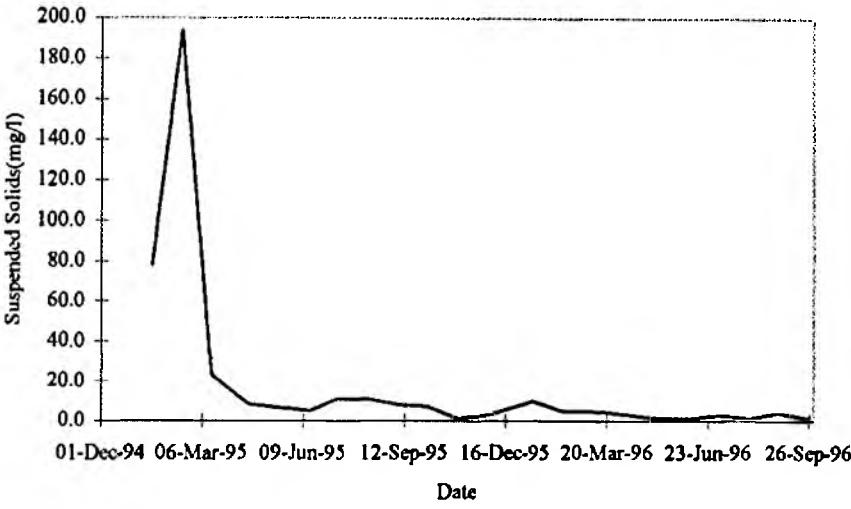


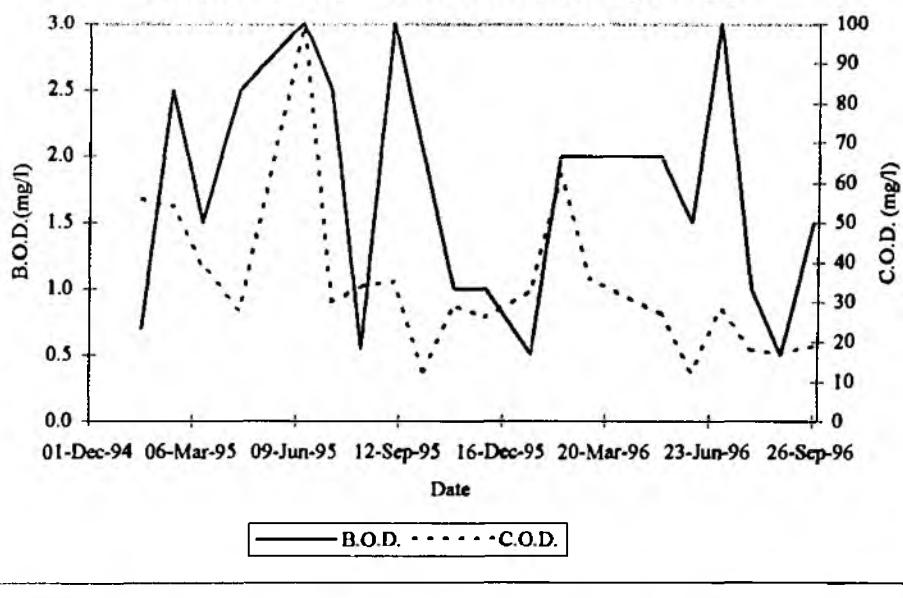
Figure 36 Rains Brook (Barby Rd. Br.)

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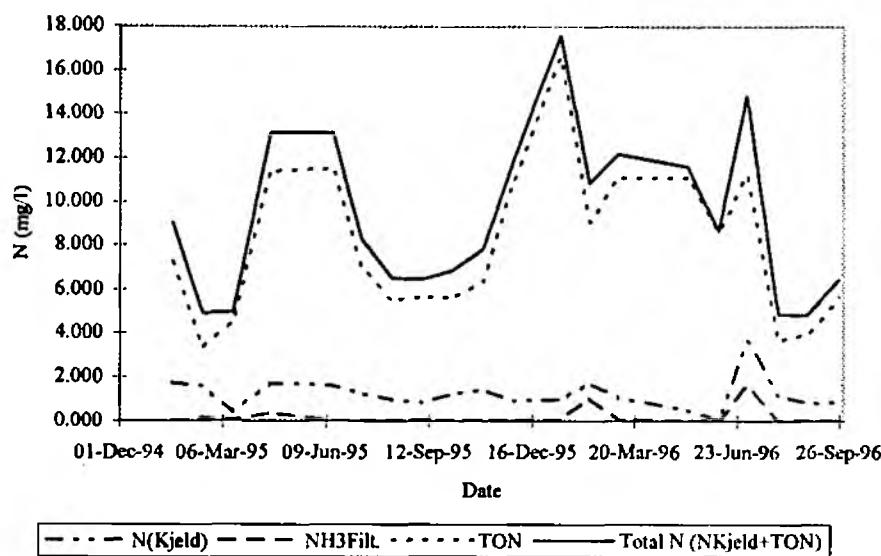
### Suspended Solids at Rains Brook (Barby Rd.Br.)



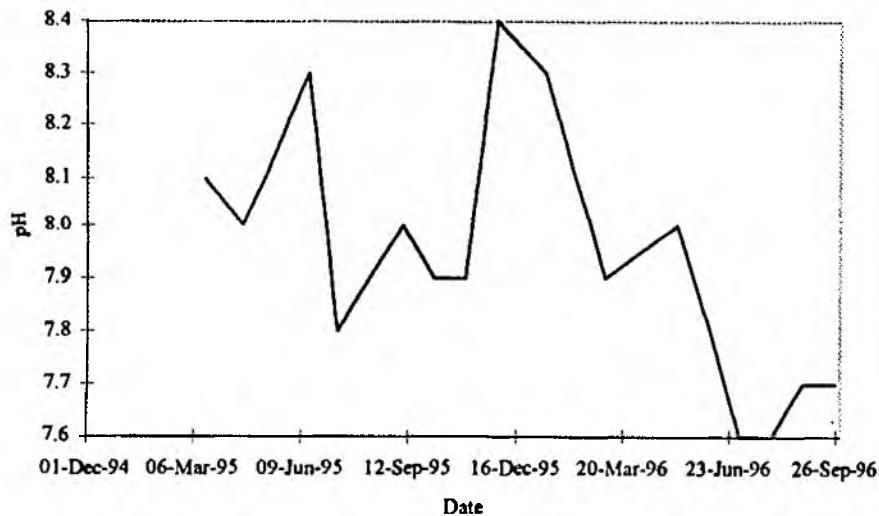
### B.O.D. and C.O.D. at Rains Brook (Barby Rd.Br.)



### N at Rains Brook (Barby Rd.Br.)



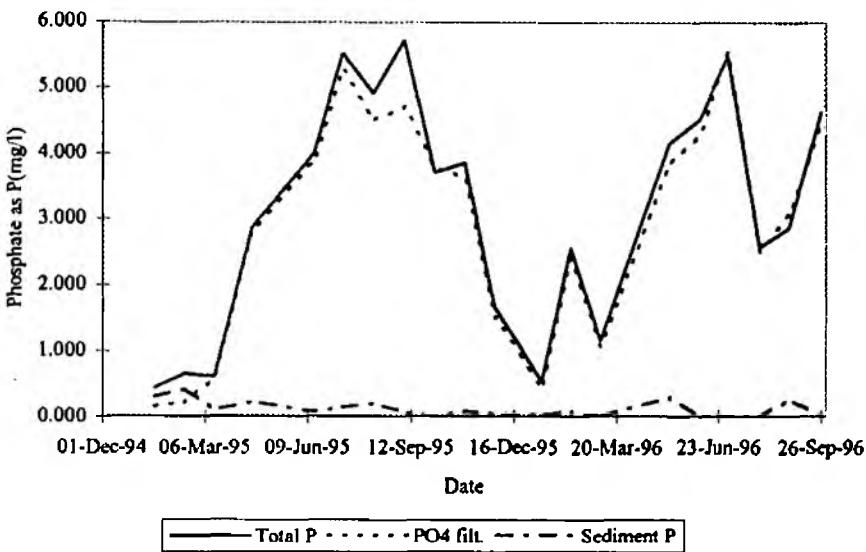
### pH at Rains Brook (Barby Rd.Br.)



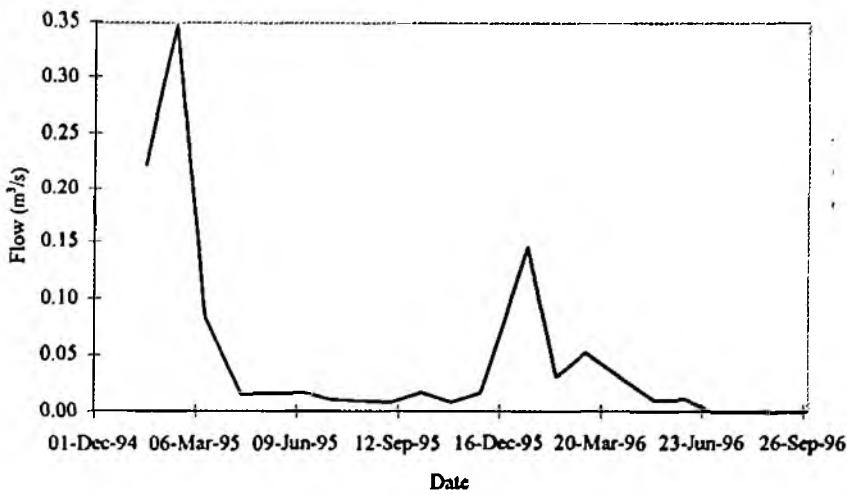
(Figure 36 cont.)

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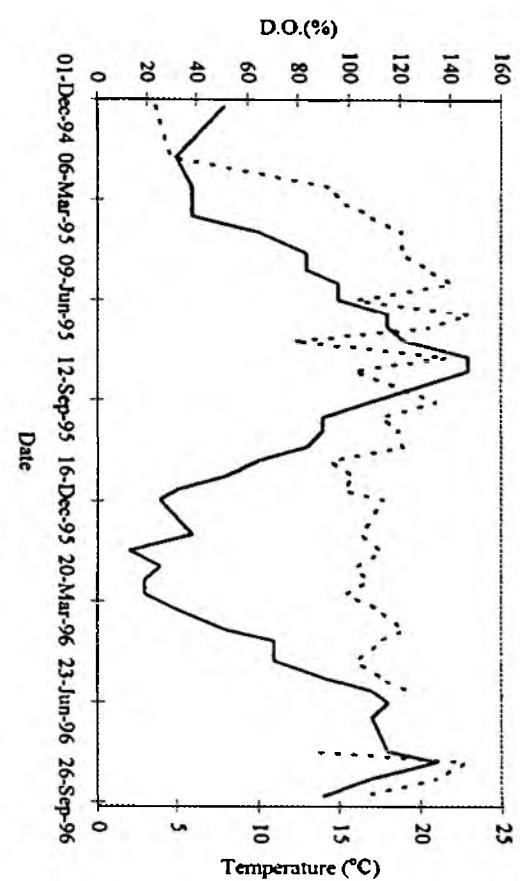
### P at Rains Brook (Barby Rd.Br.)



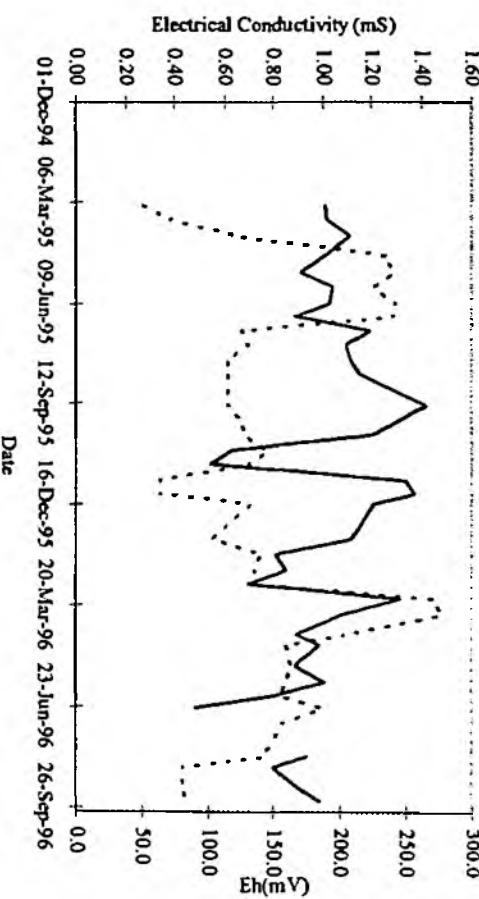
### Flow at Rains Brook (Barby Rd.Br.)



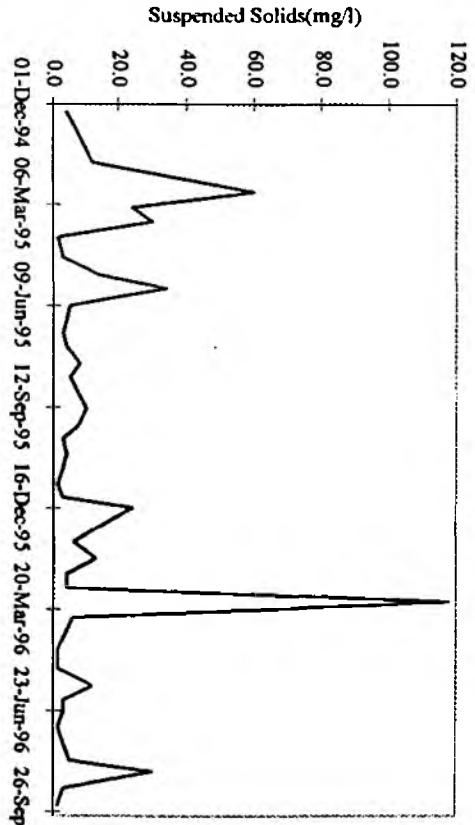
D.O. and Temperature at Draycote outflow



Electrical Conductivity and Eh at Draycote outflow



Suspended Solids at Draycote outflow



B.O.D. and C.O.D. at Draycote outflow

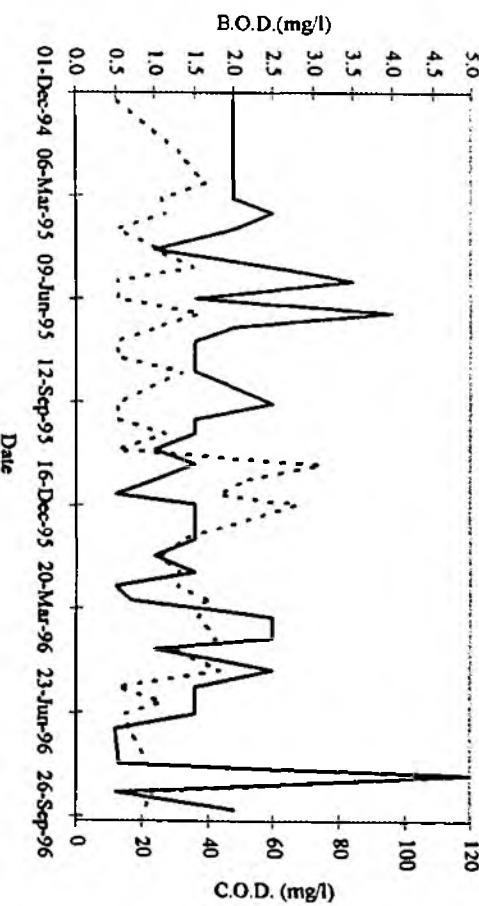
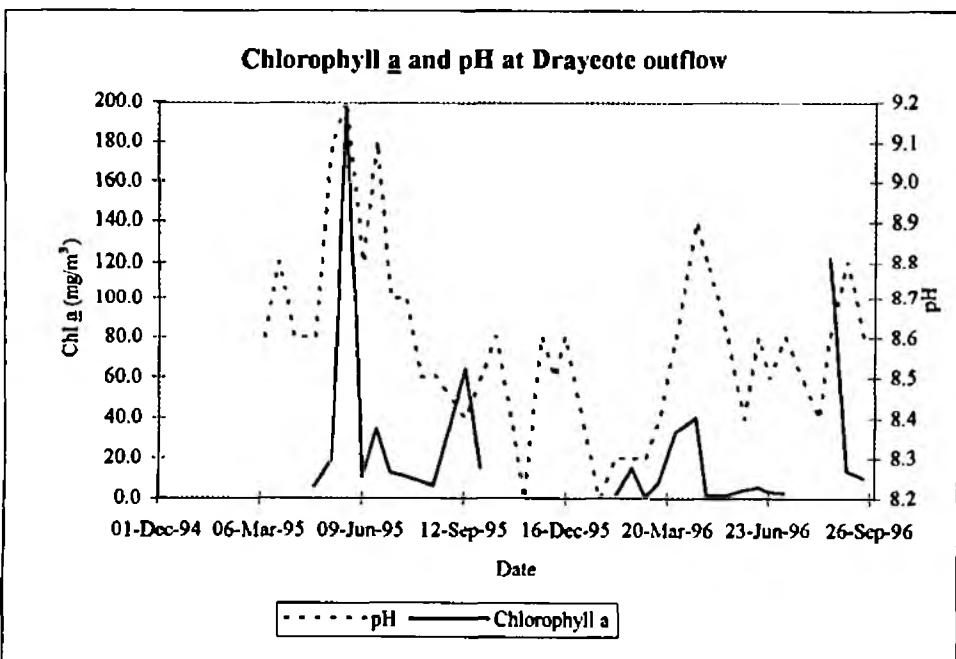
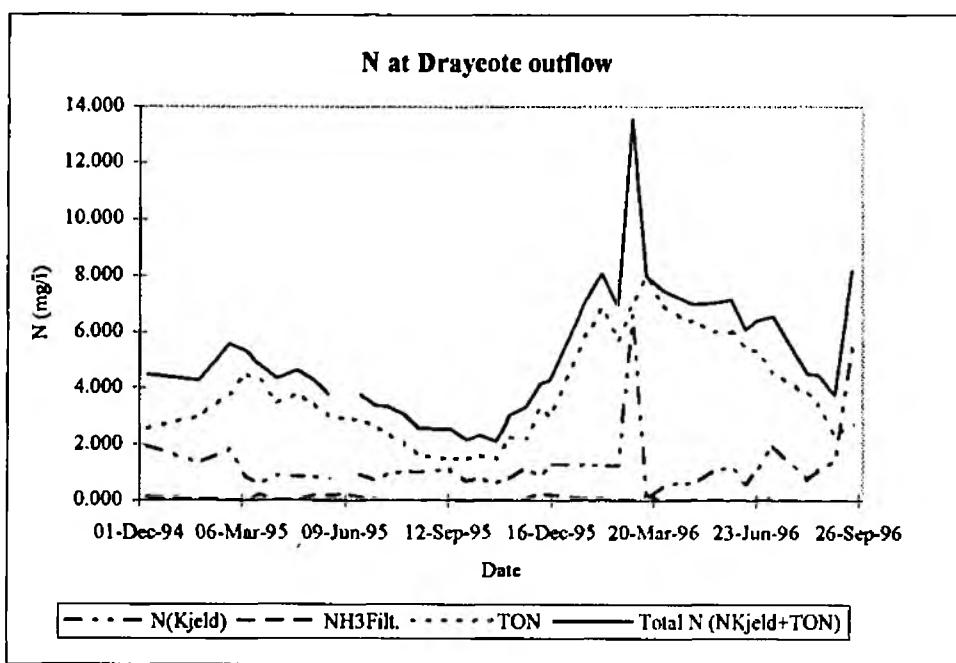
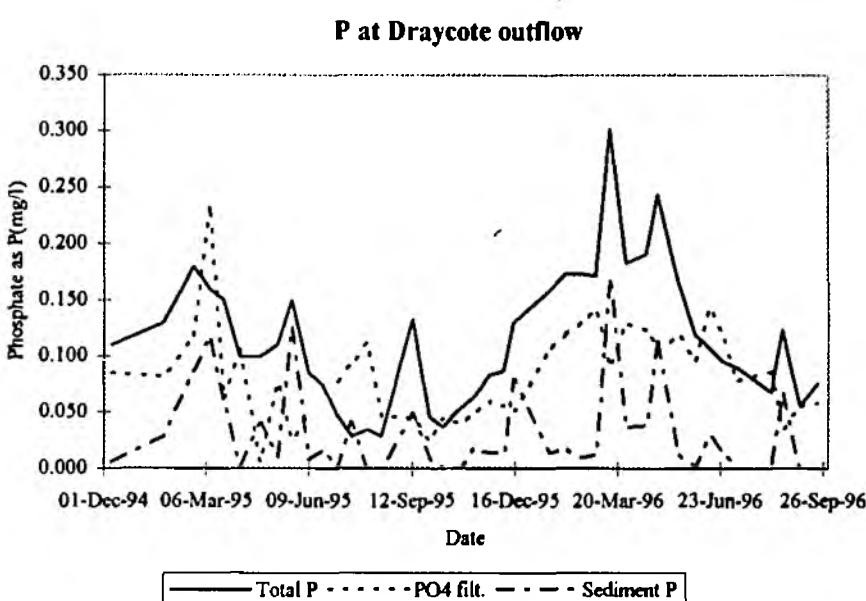


Figure 37 Draycote Outflow

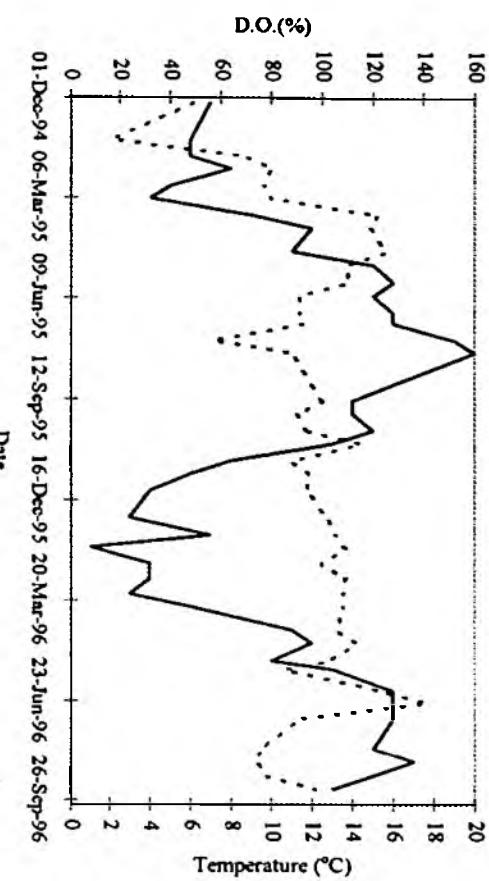


(Figure 37cont.)

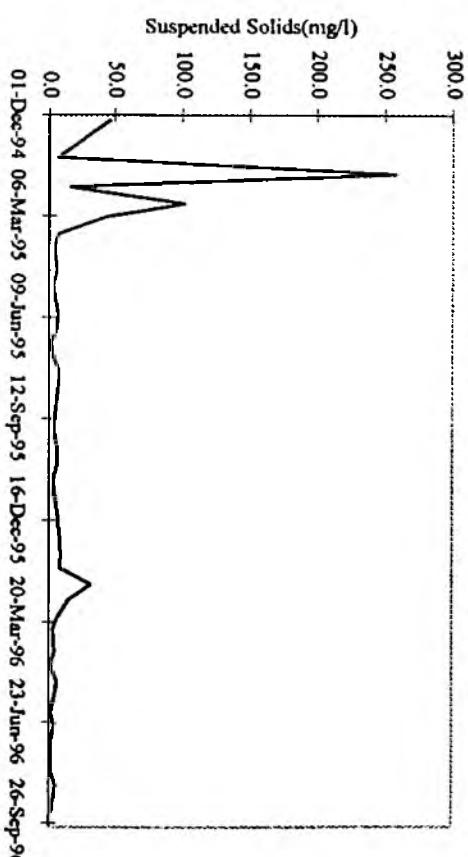
71



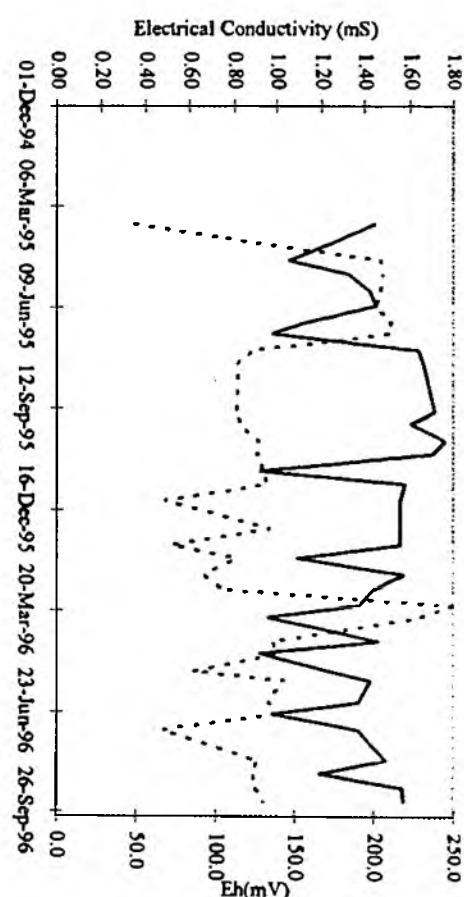
### D.O. and Temperature at Birdingbury(Leam)



### Suspended Solids at Birdingbury(Leam)



### Electrical Conductivity and Eh at Birdingbury(Leam)



### B.O.D. and C.O.D. at Birdingbury(Leam)

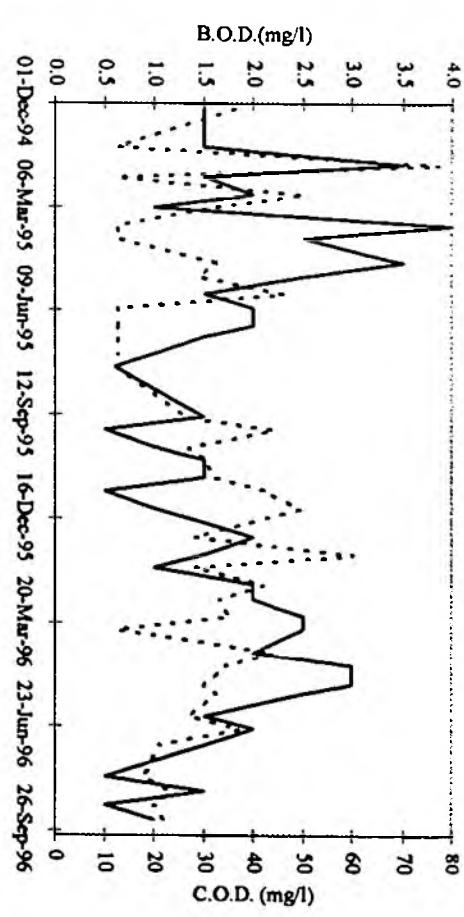
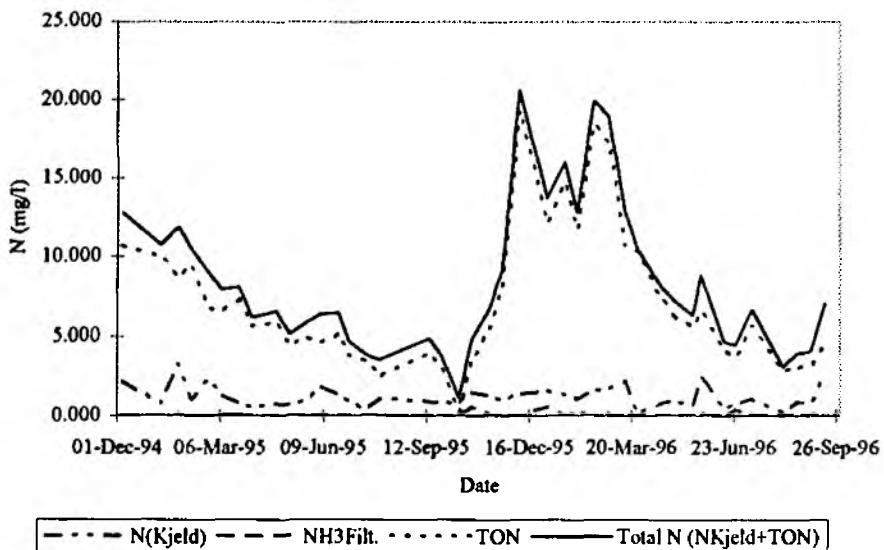
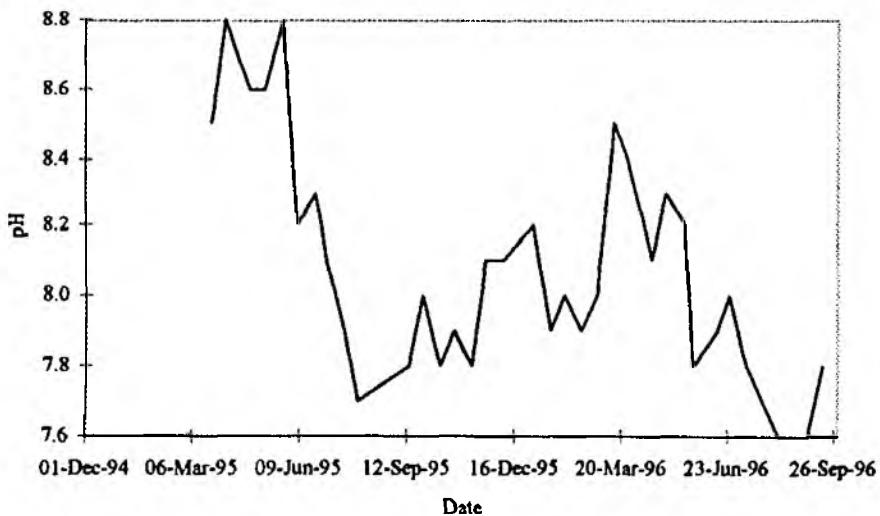


Figure 38 Birdingbury (Leam)

### N at Birdingbury(Leam)



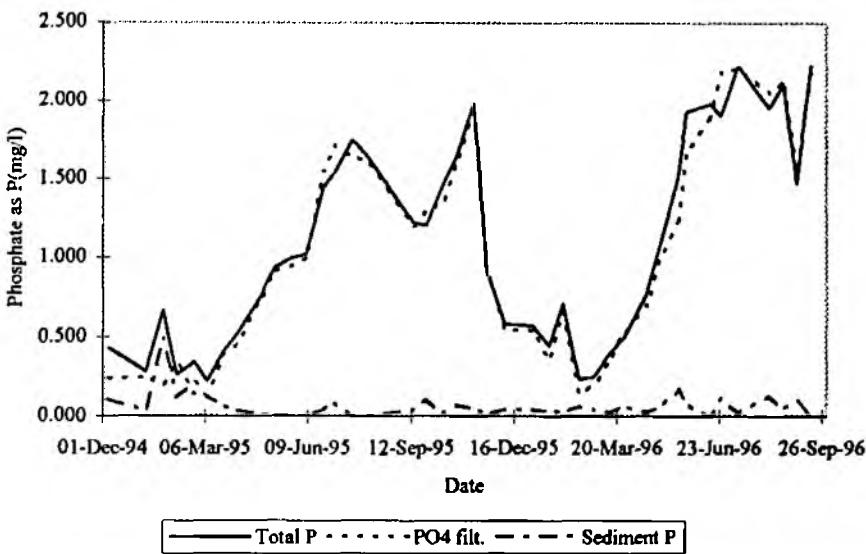
### pH at Birdingbury(Leam)



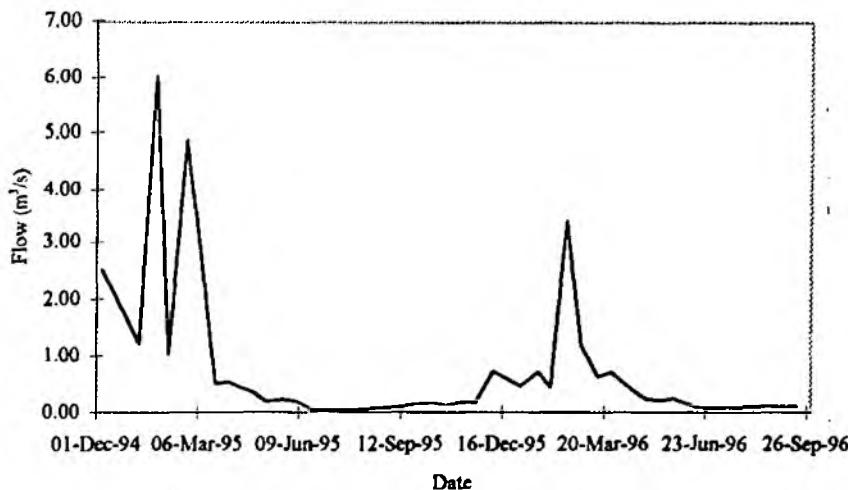
(Figure 38 cont.)

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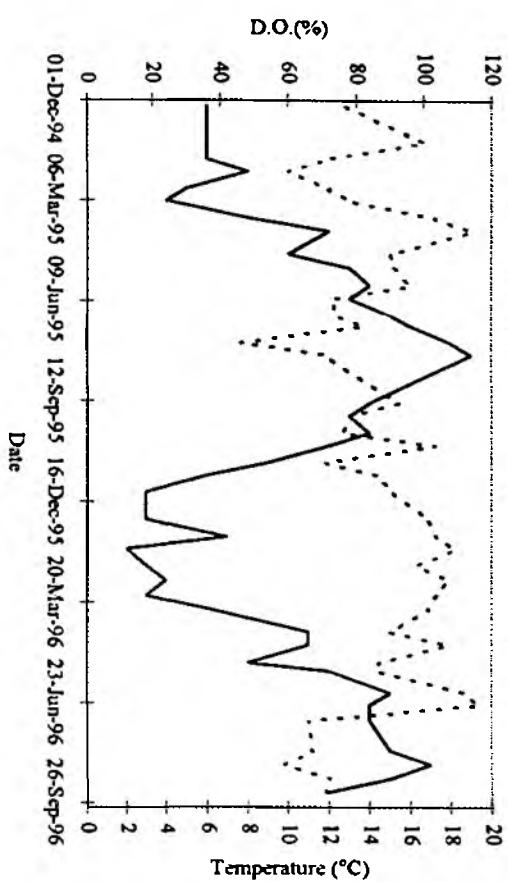
### P at Birdingbury(Leam)



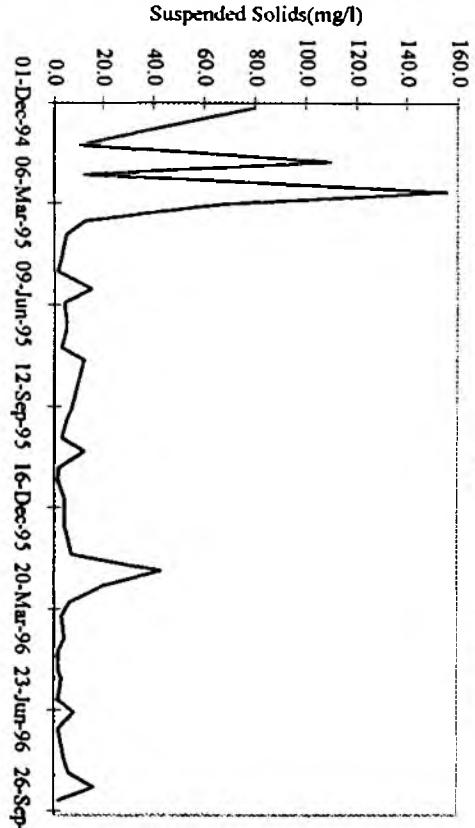
### Flow at Birdingbury(Leam)



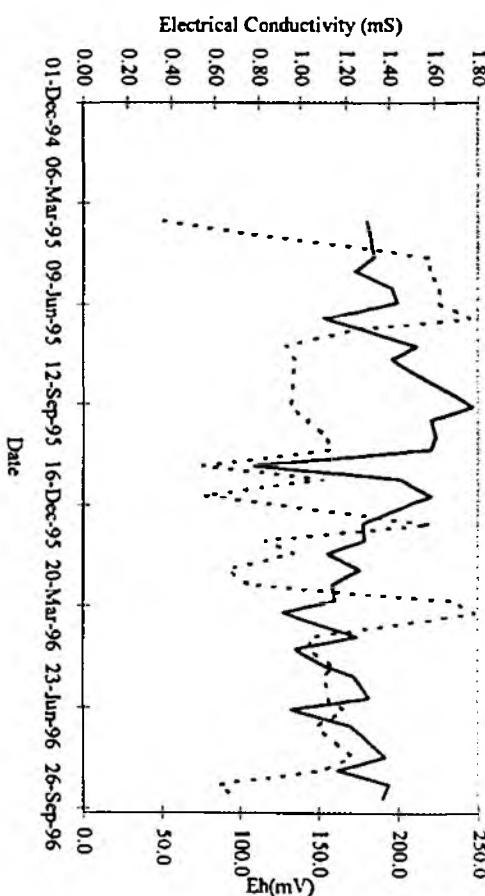
D.O. and Temperature at Deppers Bridge(ltchen)



Suspended Solids at Deppers Bridge(ltchen)



Electrical Conductivity and Eh at Deppers Bridge(ltchen)



B.O.D. and C.O.D. at Deppers Bridge(ltchen)

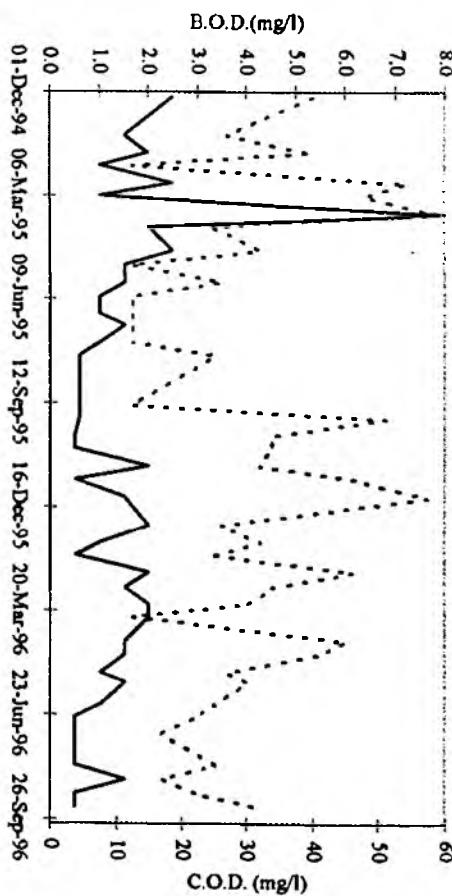
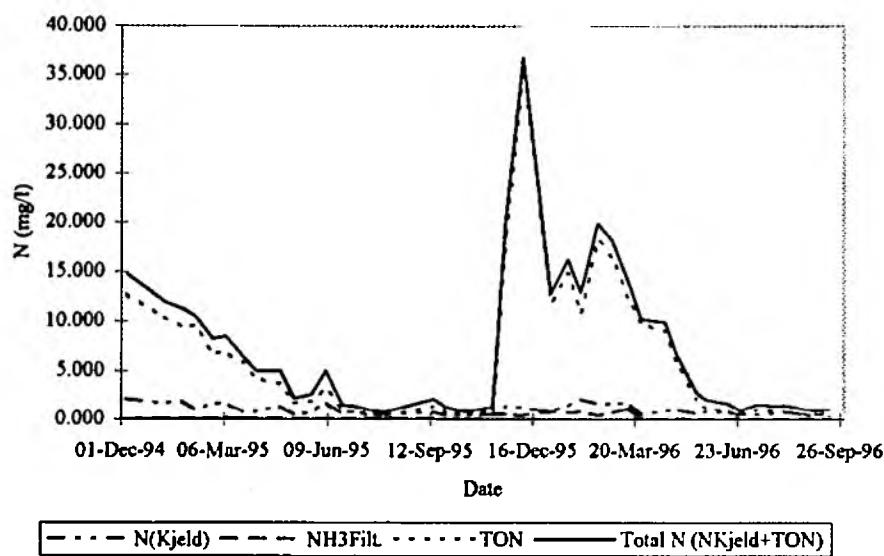
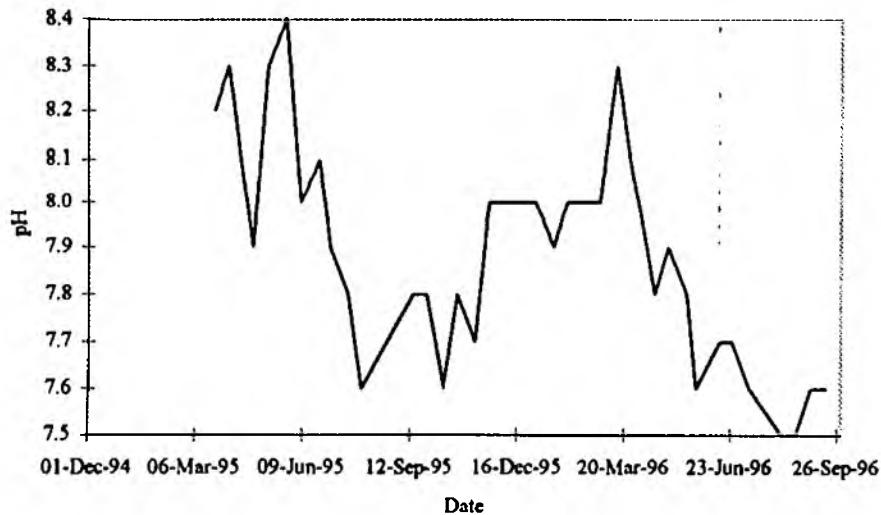


Figure 39 Deppers Bridge (ltchen)

### N at Deppers Bridge(Itchen)



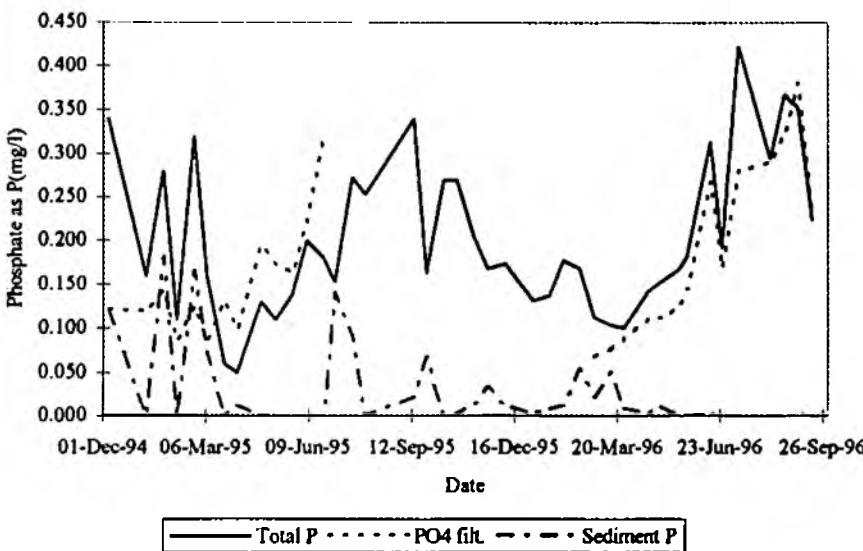
### pH at Deppers Bridge(Itchen)



(Figure 39 cont.)

75

P at Deppers Bridge(Itchen)



Flow at Deppers Bridge(Itchen)

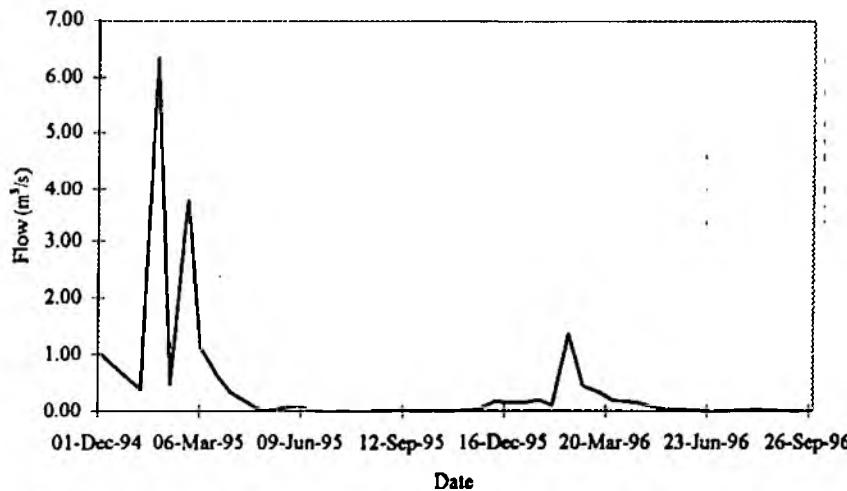
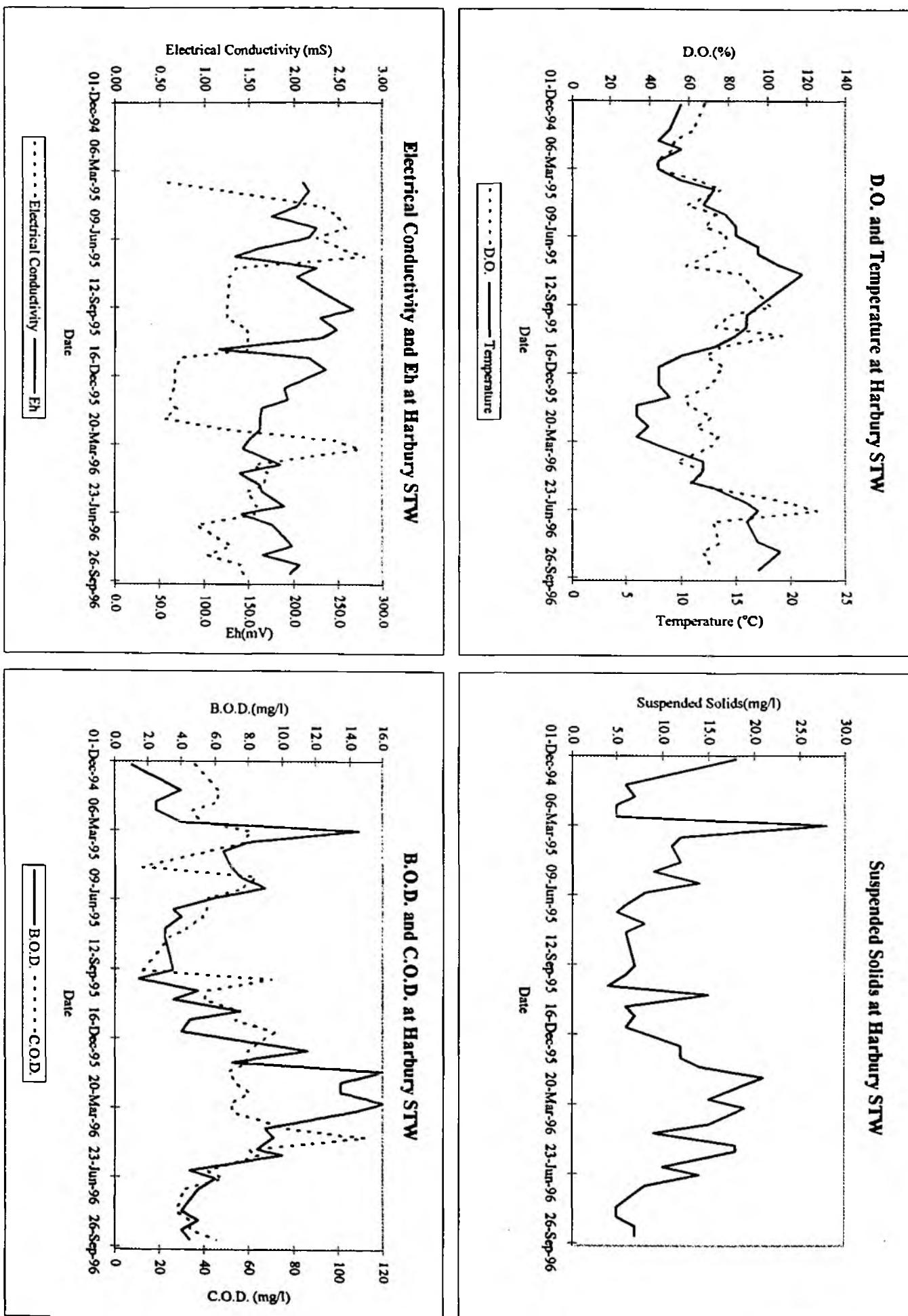
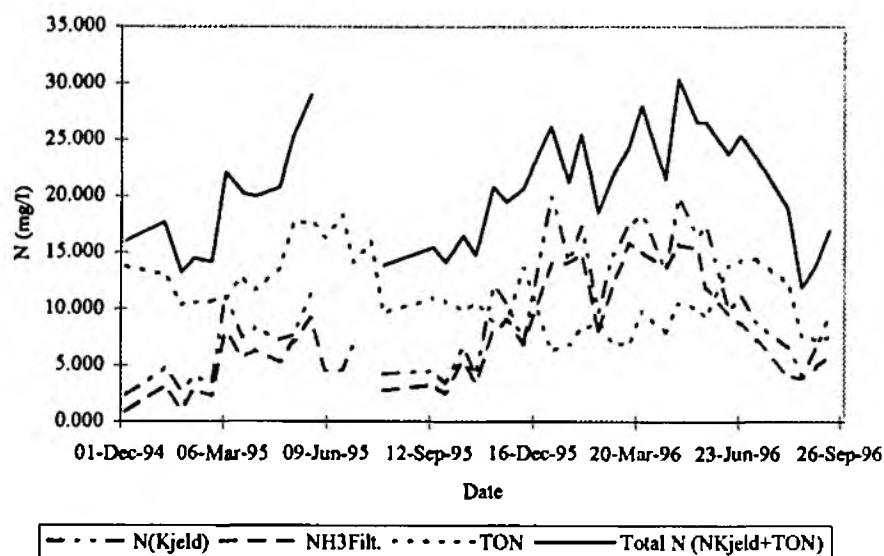


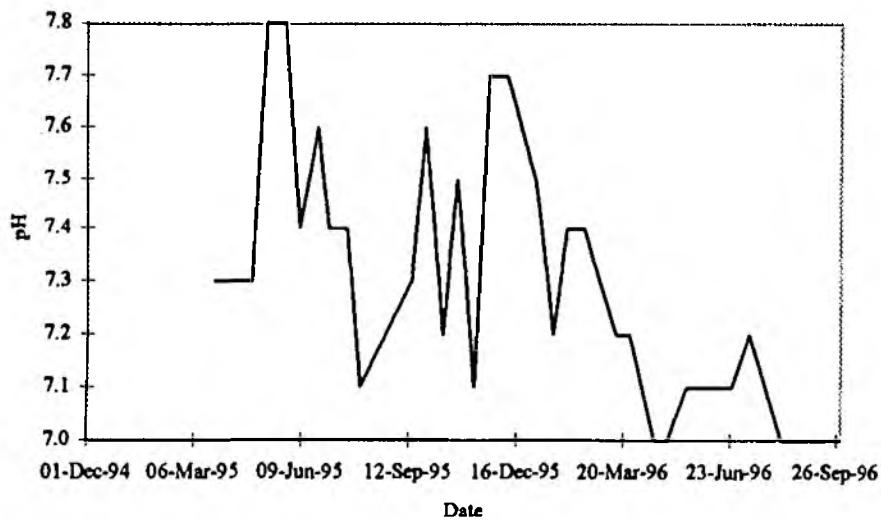
Figure 40 Harbury STW



### N at Harbury STW



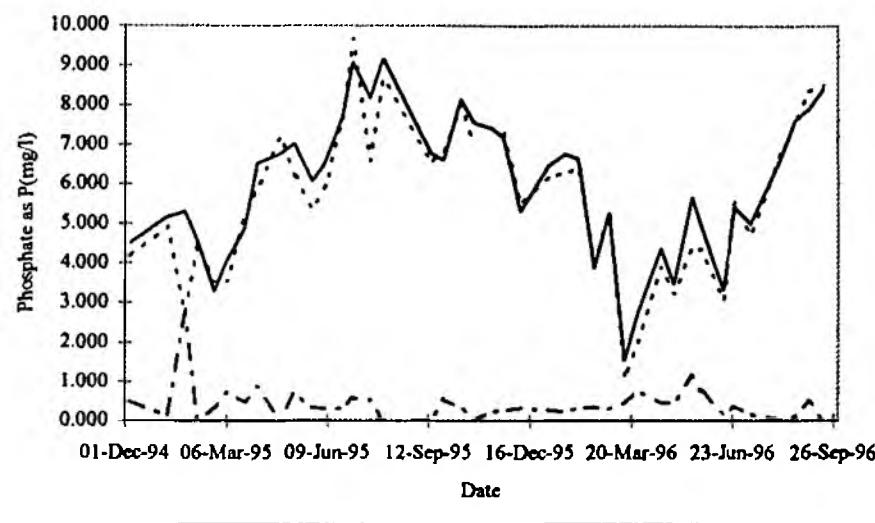
### pH at Harbury STW



(Figure 40 cont.)

77

### P at Harbury STW



### Flow at Harbury STW

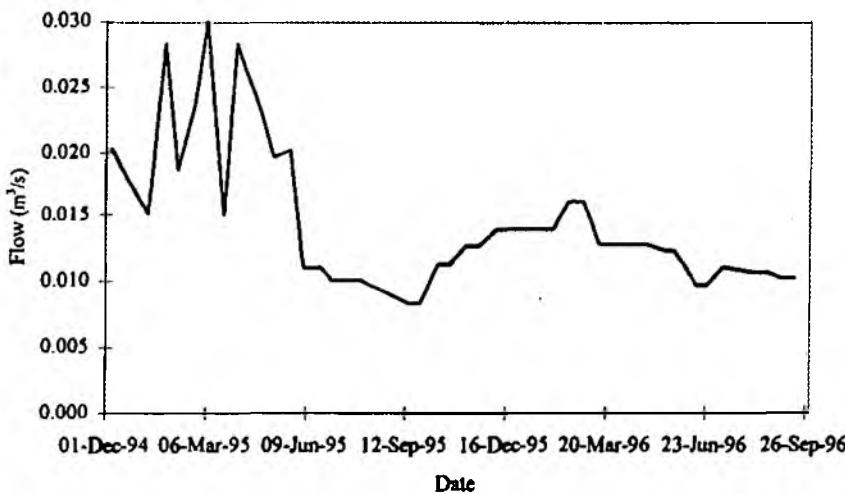
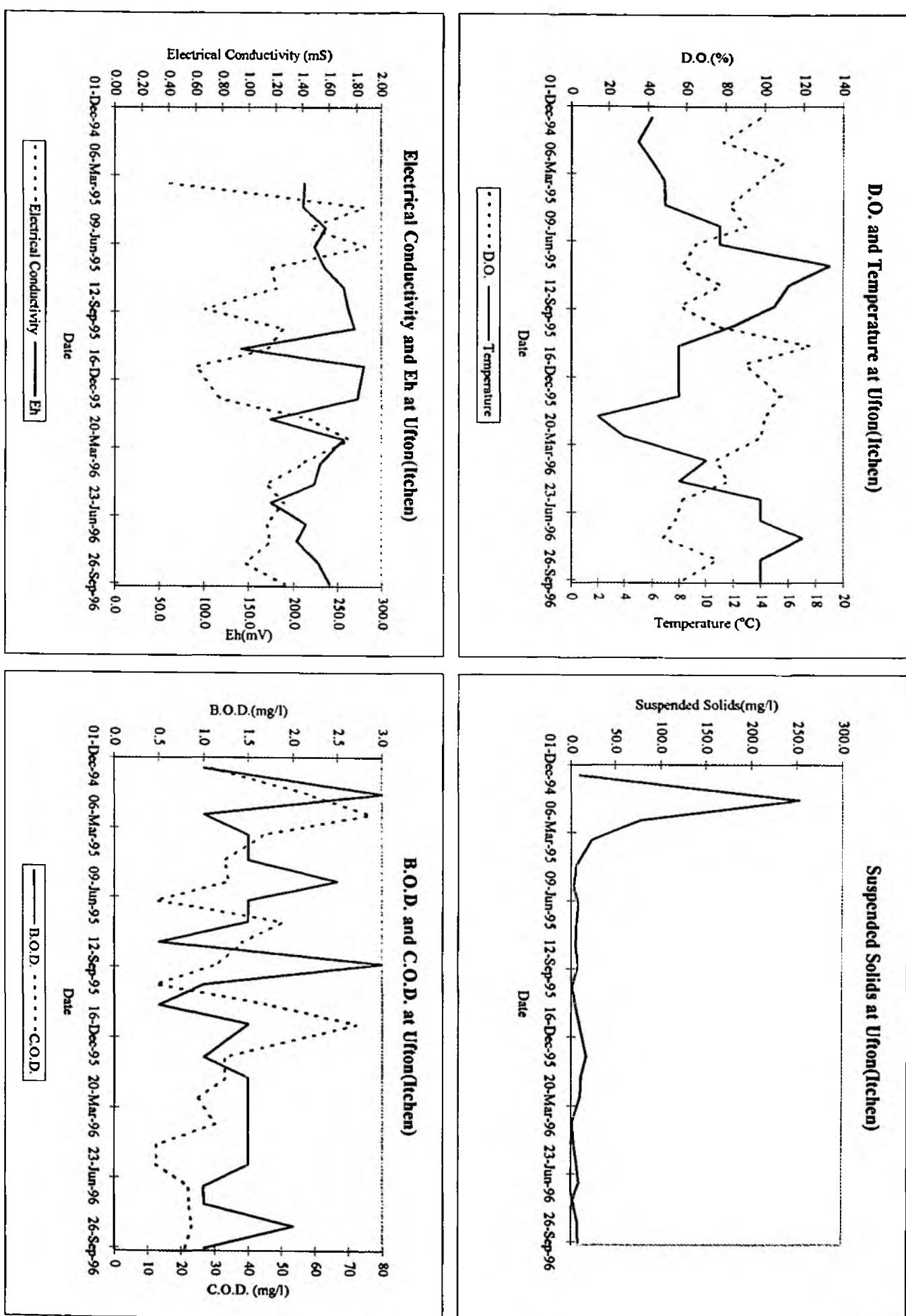
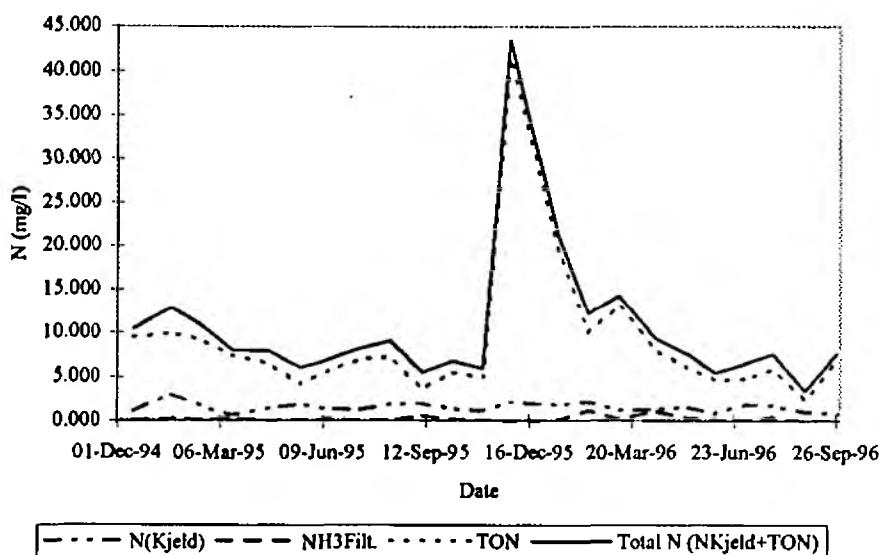


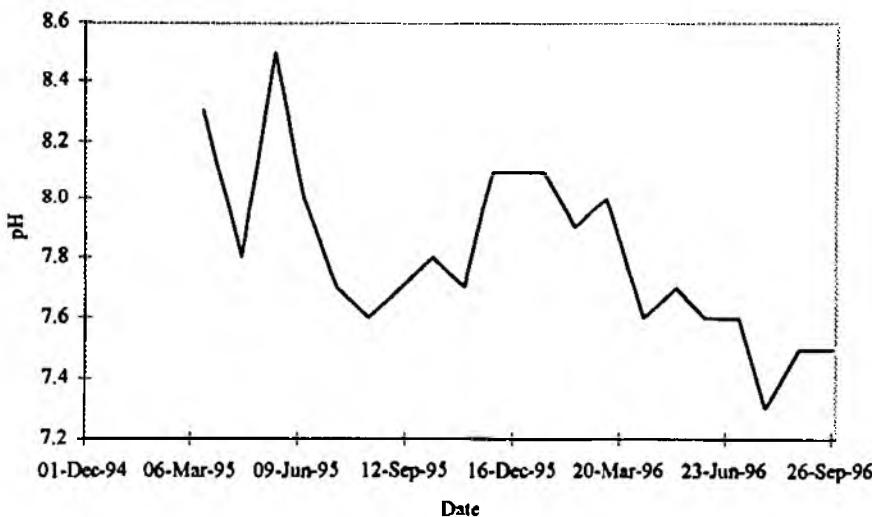
Figure 41 Ufton (Itchen)



### N at Ufton(Itchen)



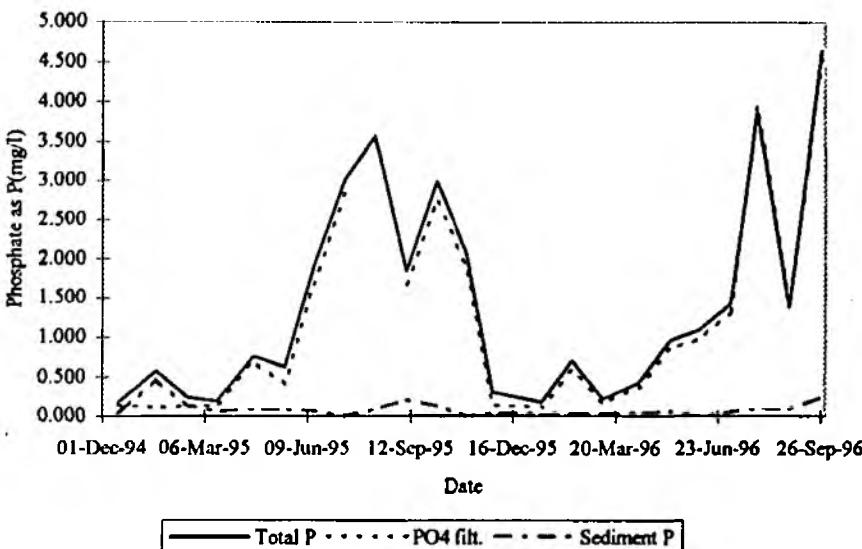
### pH at Ufton(Itchen)



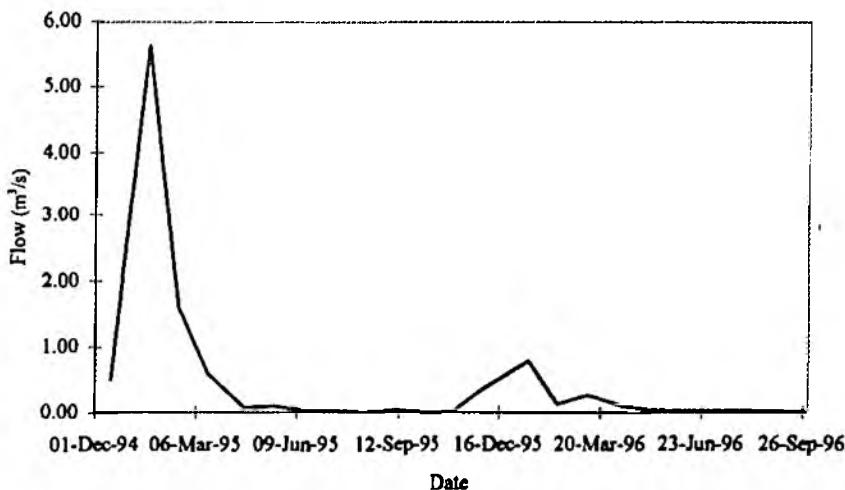
(Figure 41 cont.)

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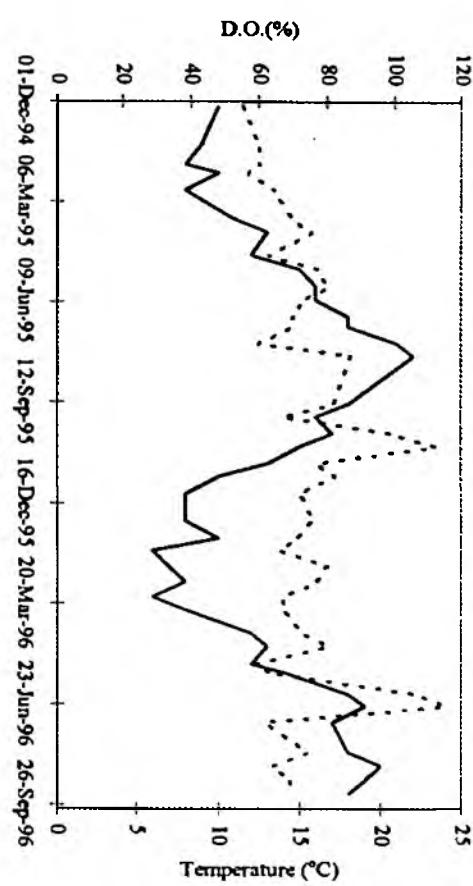
### P at Ufton(Itchen)



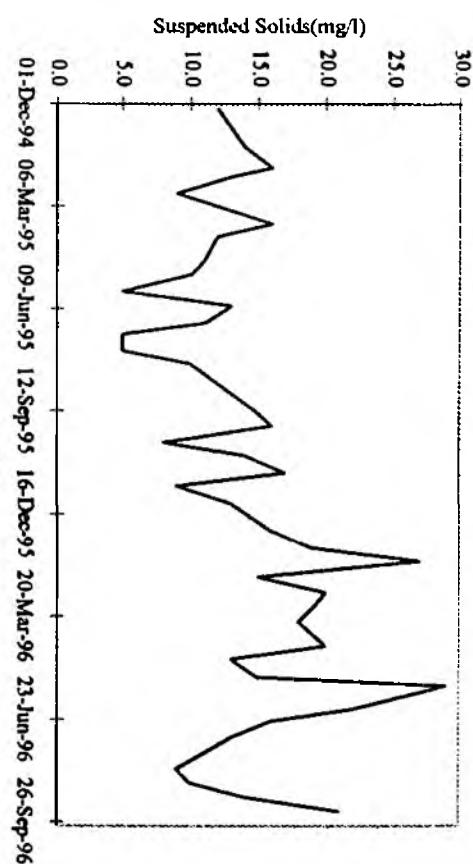
### Flow at Ufton(Itchen)



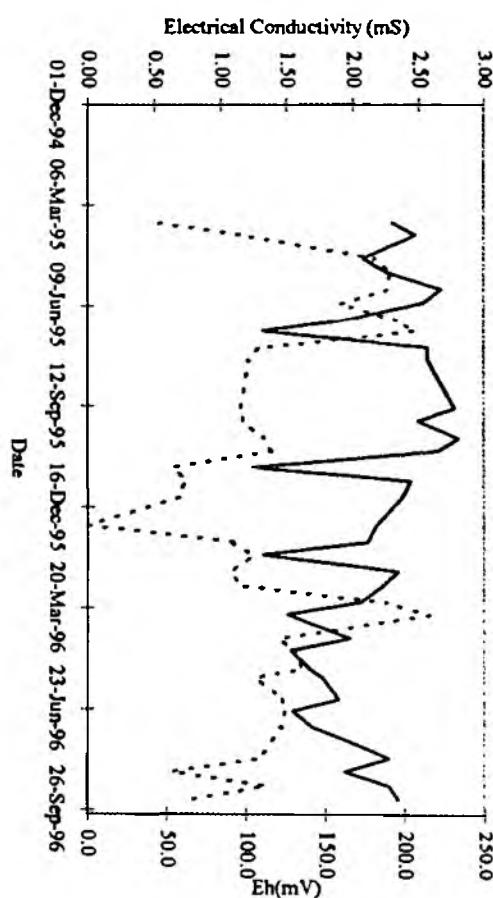
D.O. and Temperature at Stowe(Southam STW)



Suspended Solids at Stowe(Southam STW)



Electrical Conductivity and Eh at Stowe(Southam STW)



B.O.D. and C.O.D. at Stowe(Southam STW)

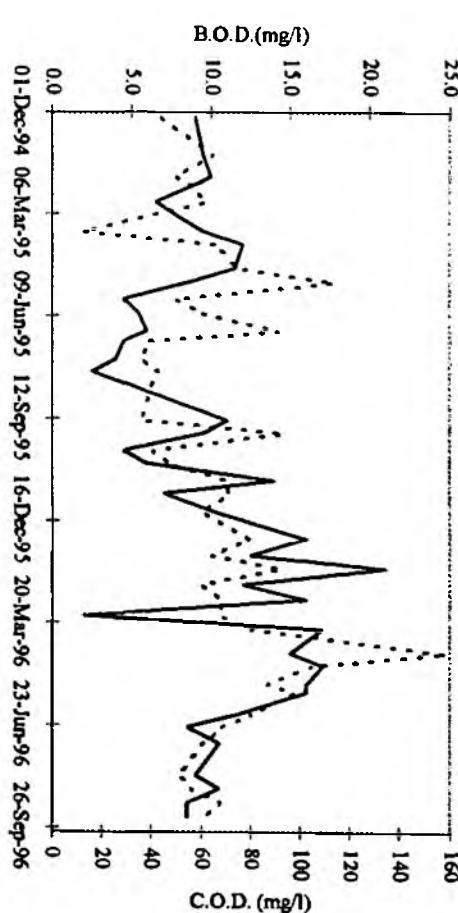
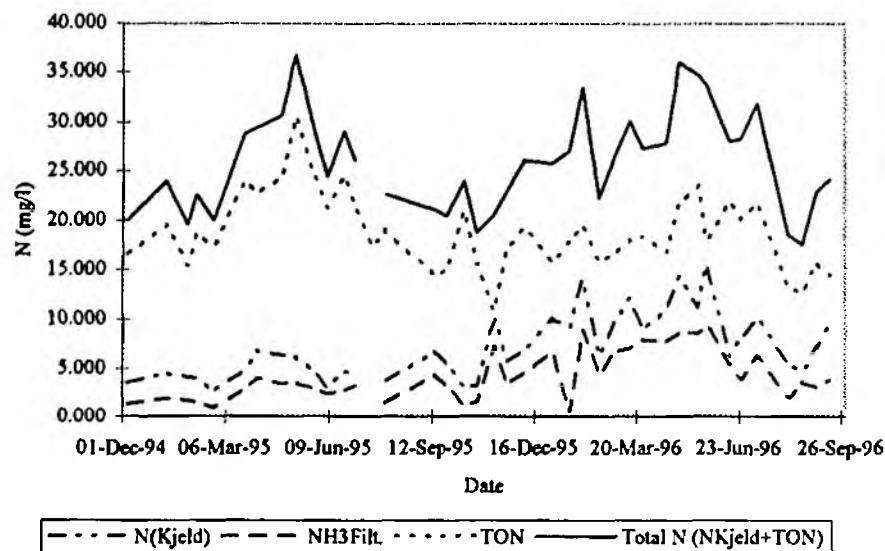
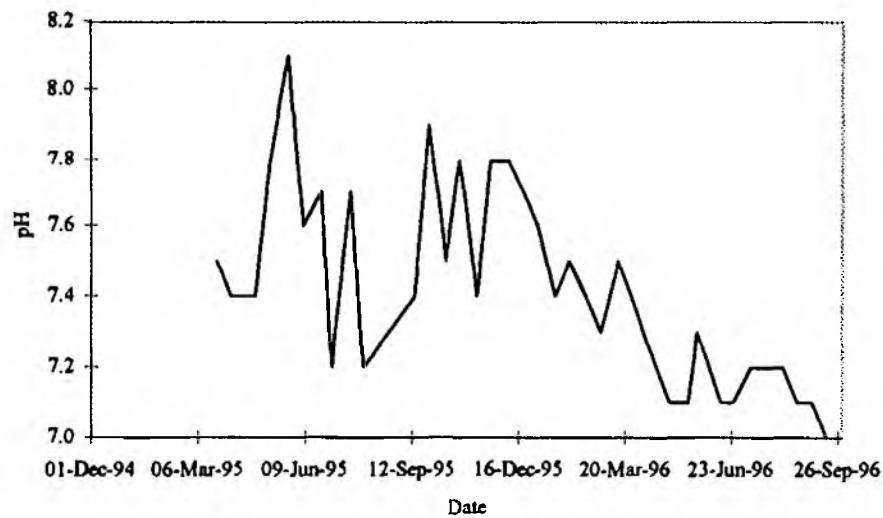


Figure 42 Stowe (Southam STW)

### N at Stowe(Southam STW)



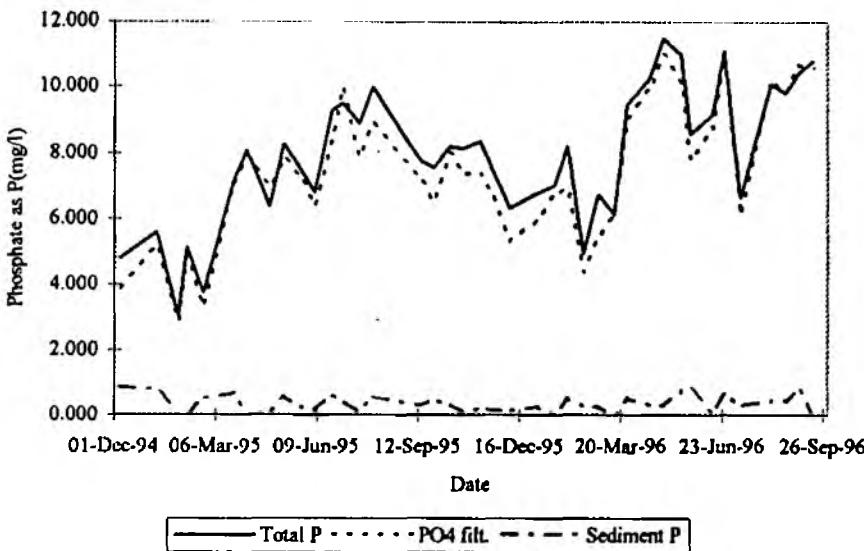
### pH at Stowe(Southam STW)



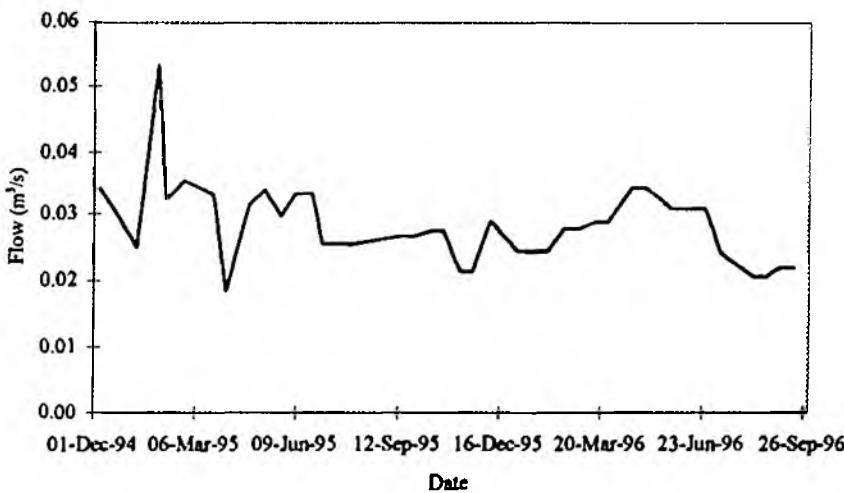
(Figure 42 cont.)

81

### P at Stowe(Southam STW)



### Flow at Stowe(Southam STW)



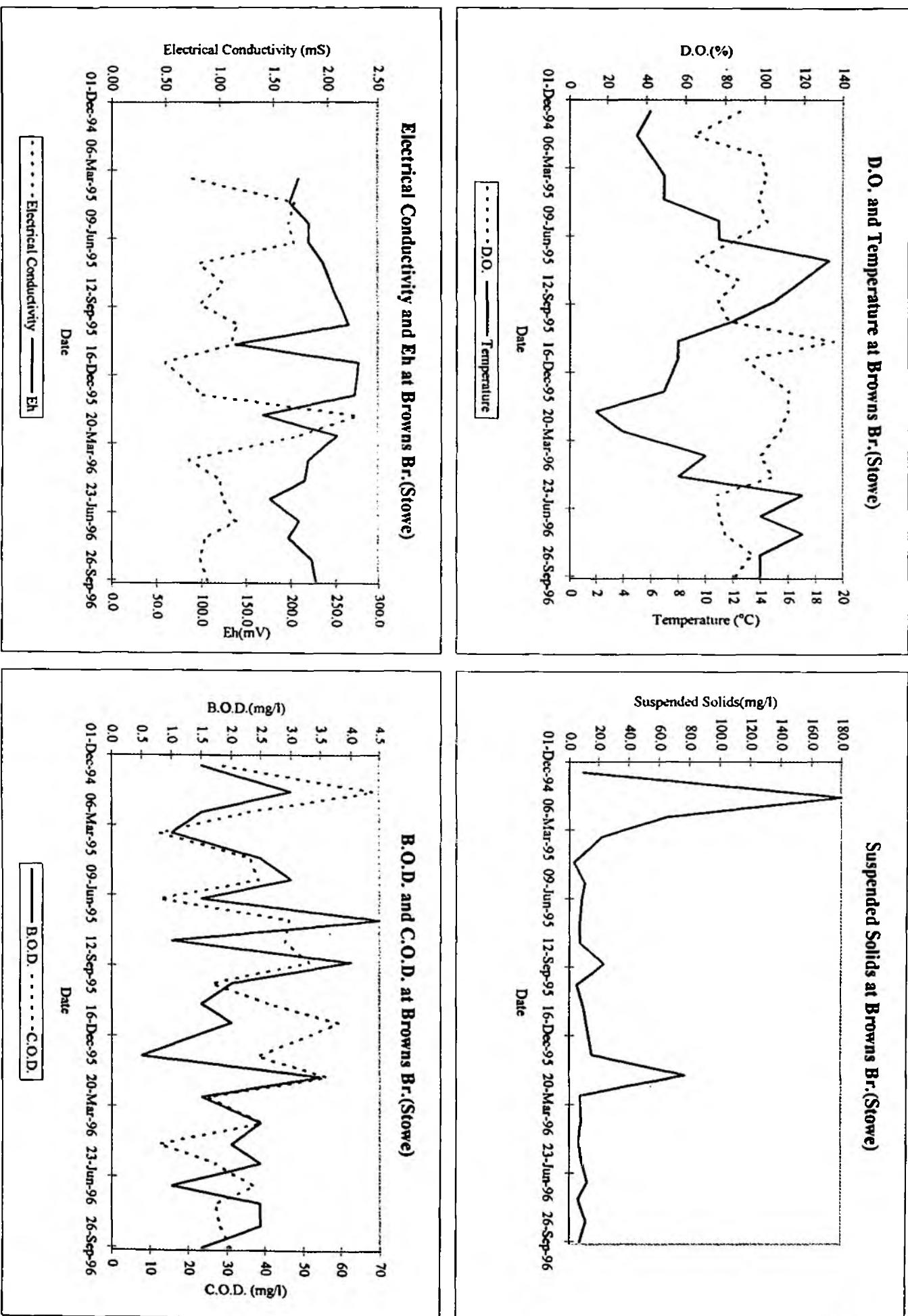
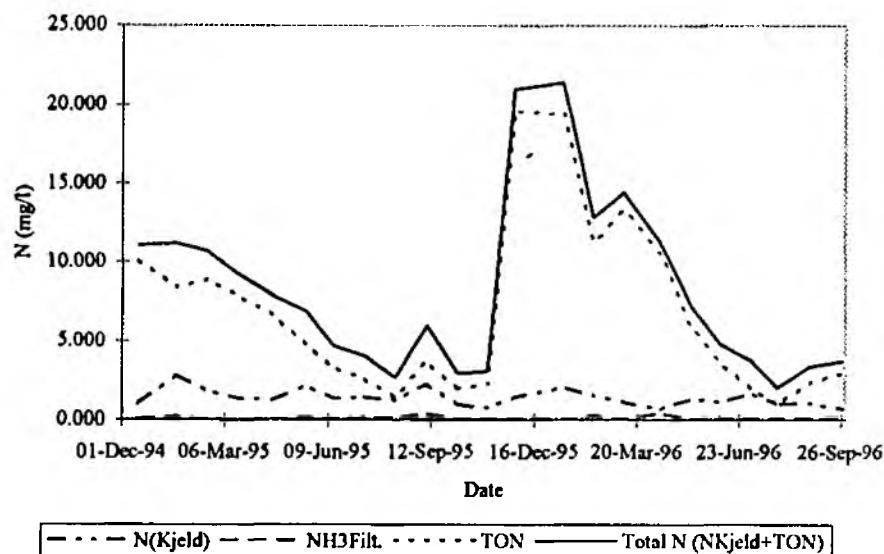
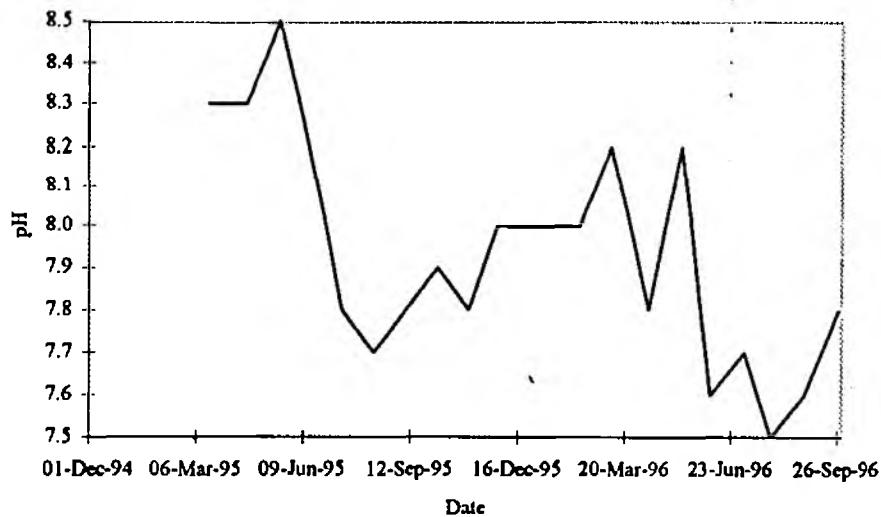


Figure 43 Browns Br. (Stowe)

### N at Browns Br.(Stowe)



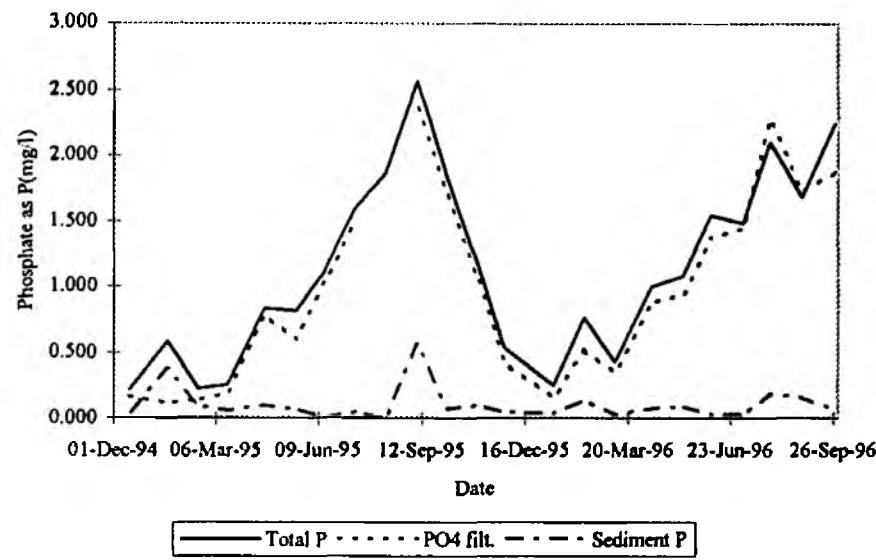
### pH at Browns Br.(Stowe)



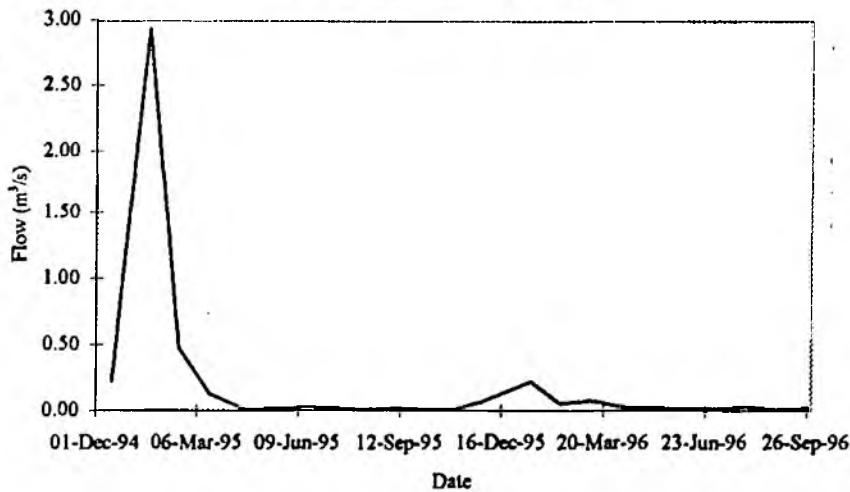
(Figure 43 cont.)

83

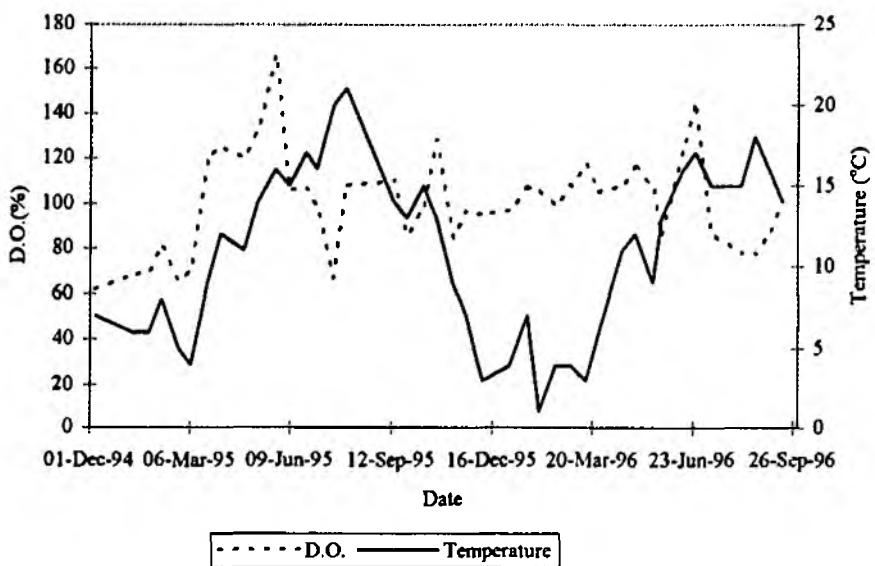
P at Browns Br.(Stowe)



Flow at Browns Br.(Stowe)



### D.O. and Temperature at Marton(Itchen)



### Electrical Conductivity and Eh at Marton(Itchen)

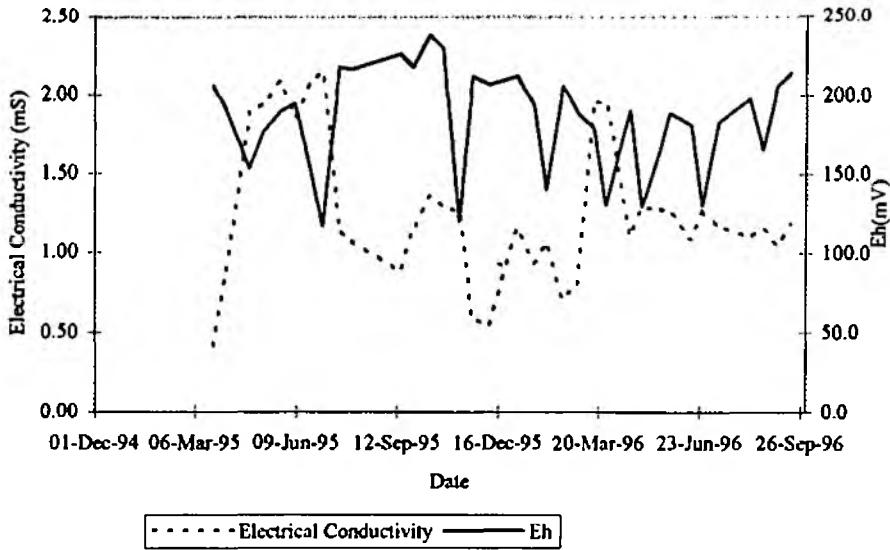
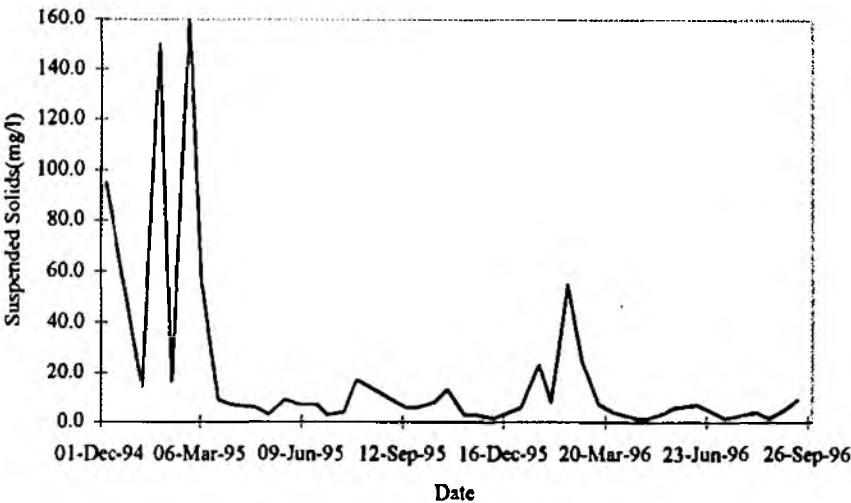


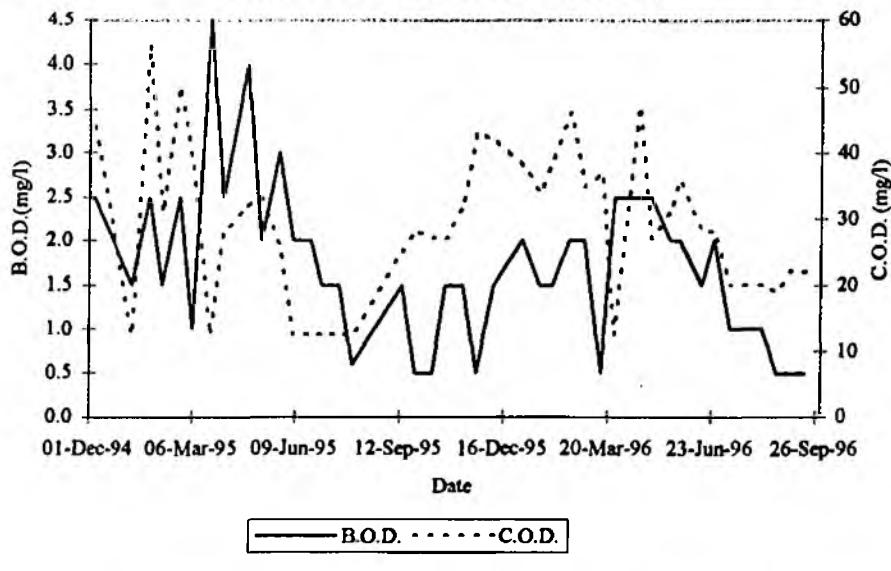
Figure 44 Marton (Itchen)

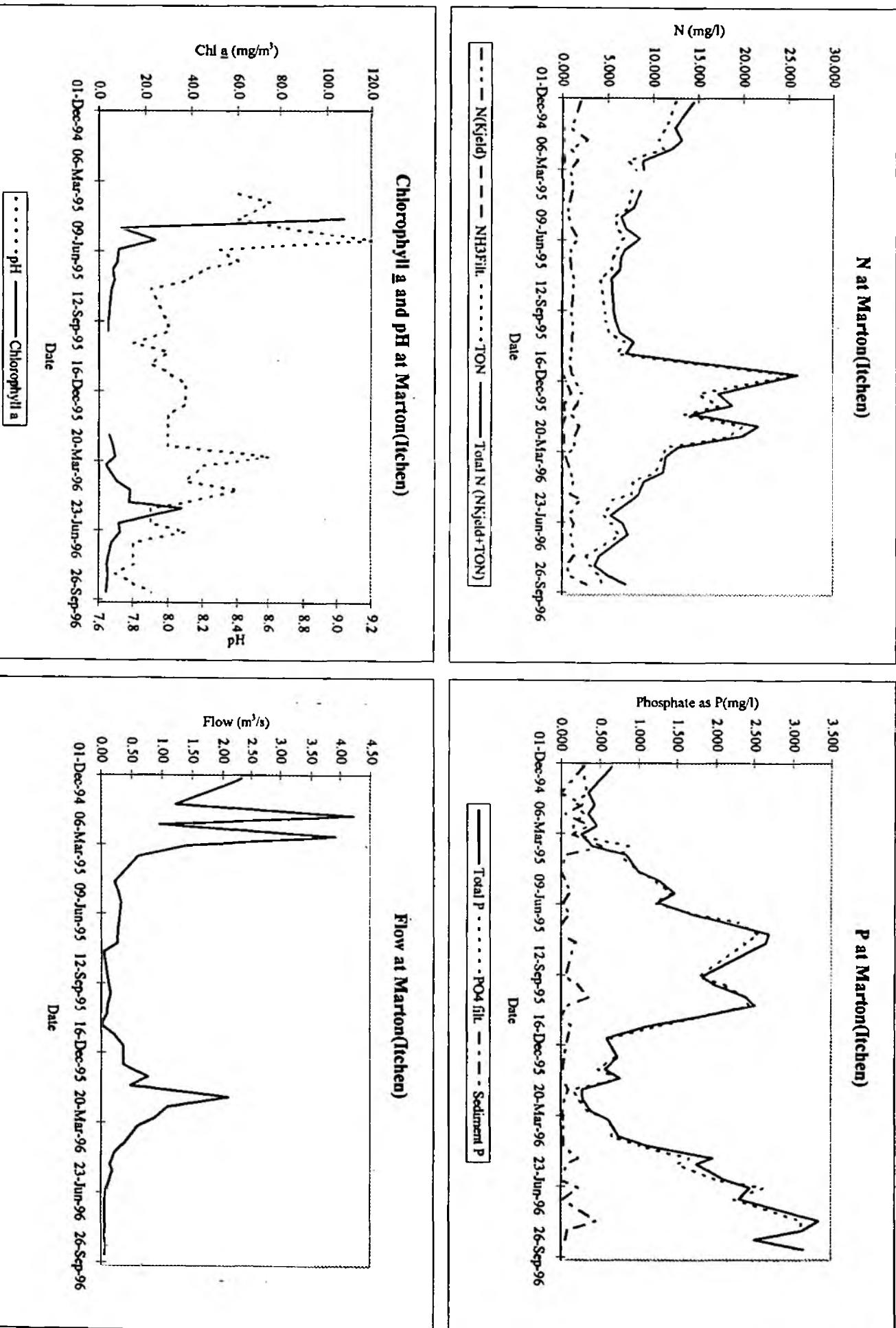
84

### Suspended Solids at Marton(Itchen)



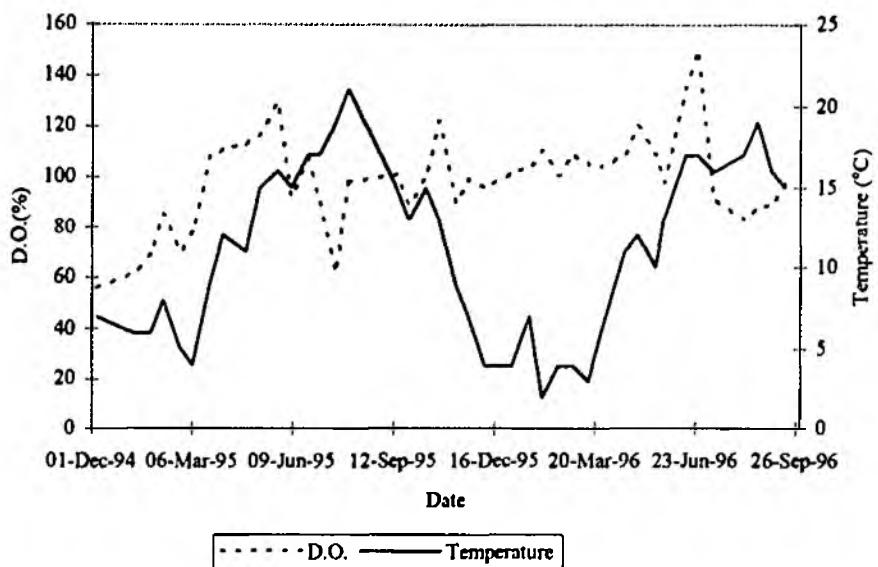
### B.O.D. and C.O.D. at Marton(Itchen)





(Figure 44 cont.)

### D.O. and Temperature at Eathorpe(Leam)



### Electrical Conductivity and Eh at Eathorpe(Leam)

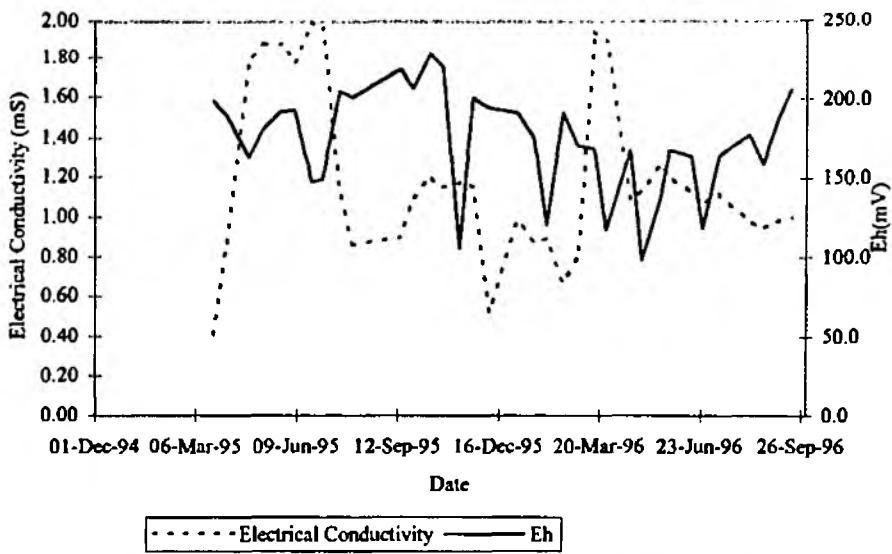
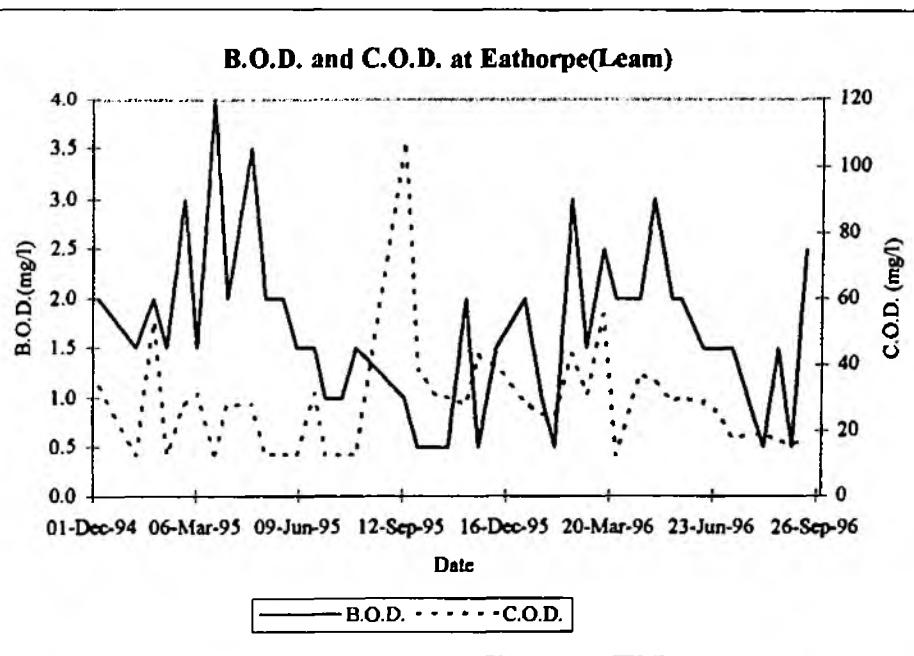
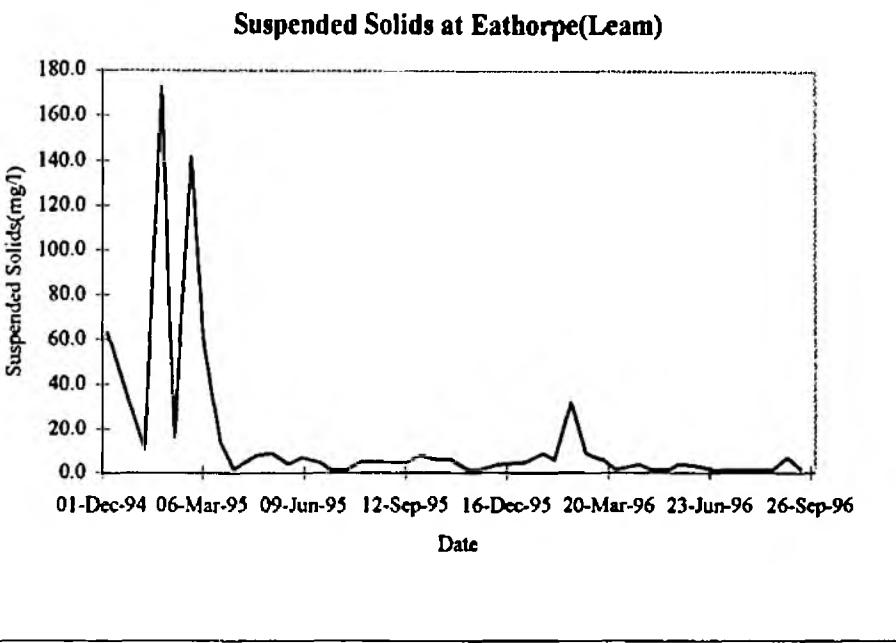
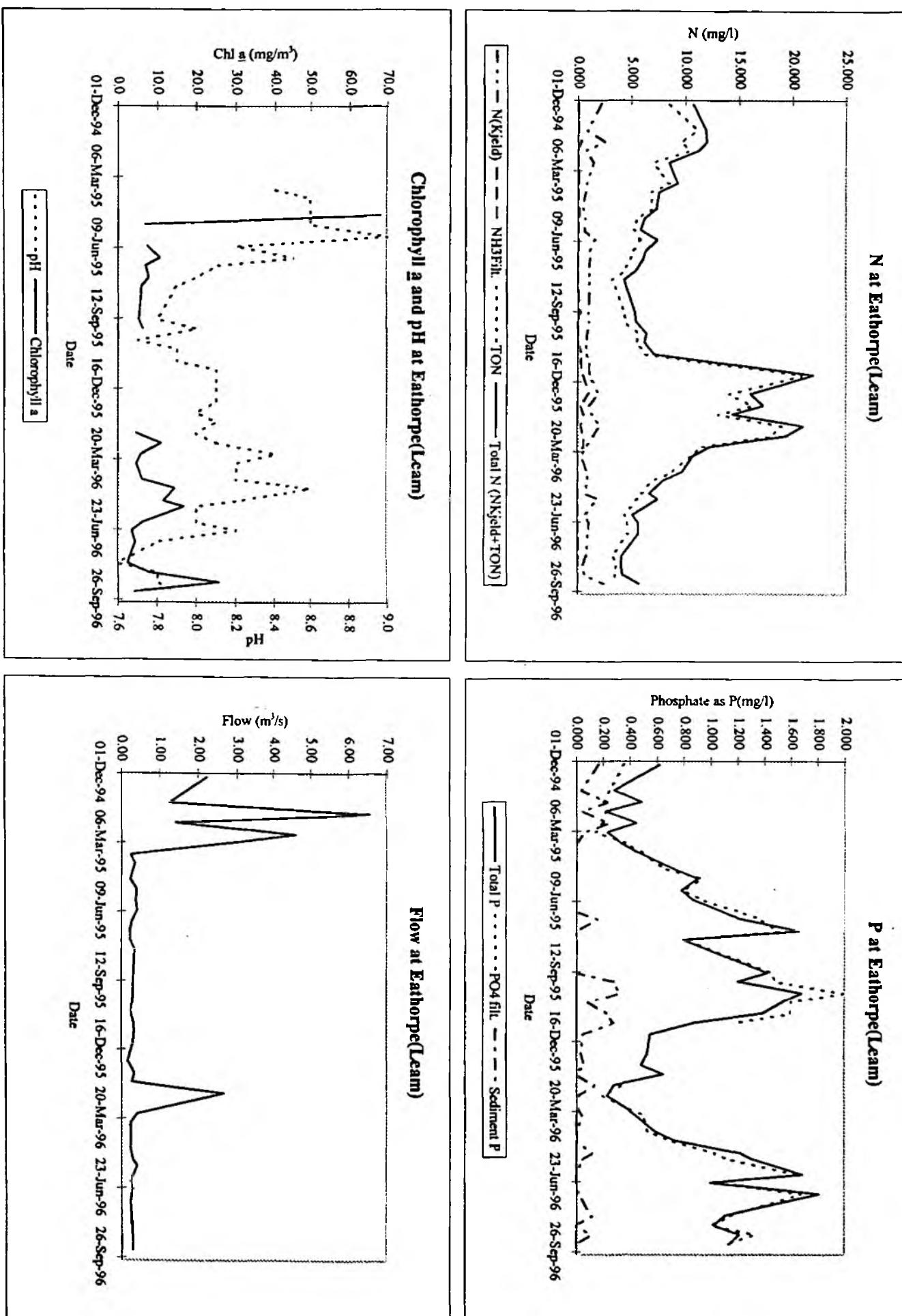


Figure 45 Eathorpe (Leam)

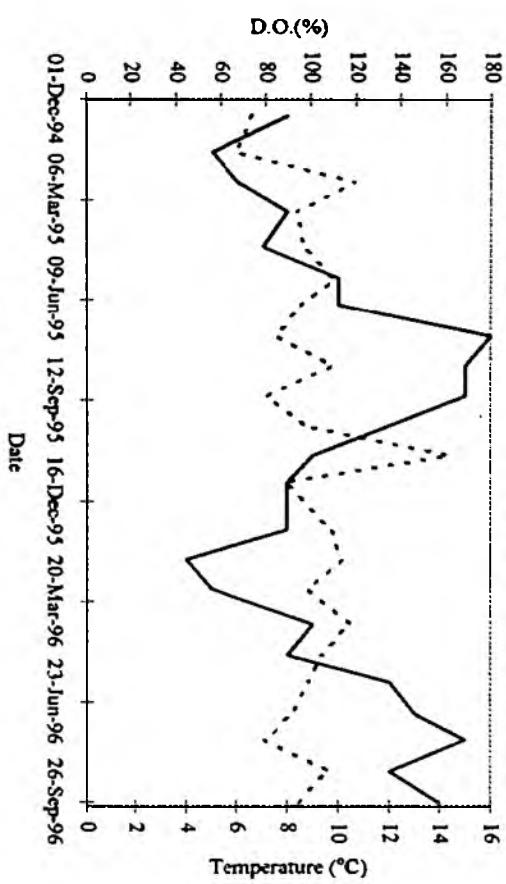
86



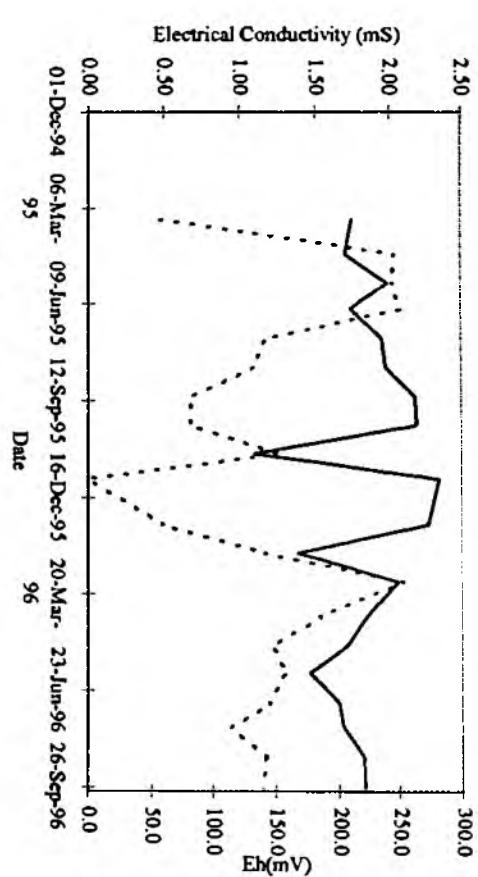
(Figure 45 cont.)



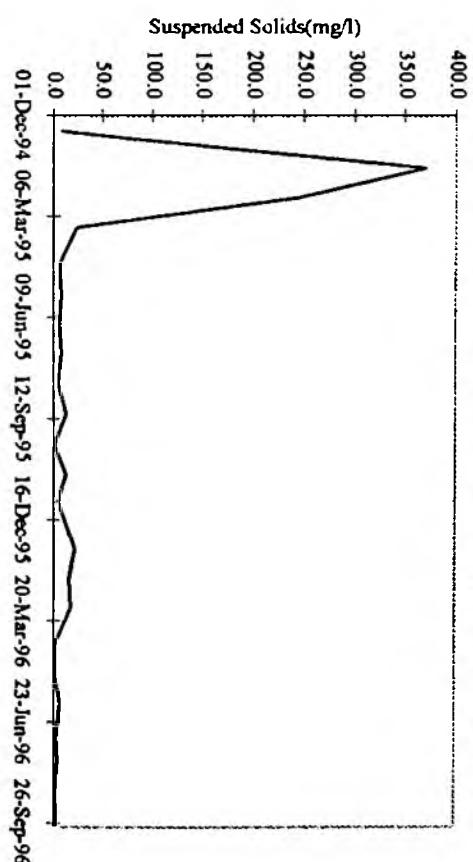
D.O. and Temperature at Radford Brook (Radford Semle)



Electrical Cond. and Eh at Radford Brook (Radford Semle)



Suspended Solids at Radford Brook (Radford Semle)



B.O.D. and C.O.D. at Radford Brook (Radford Semle)

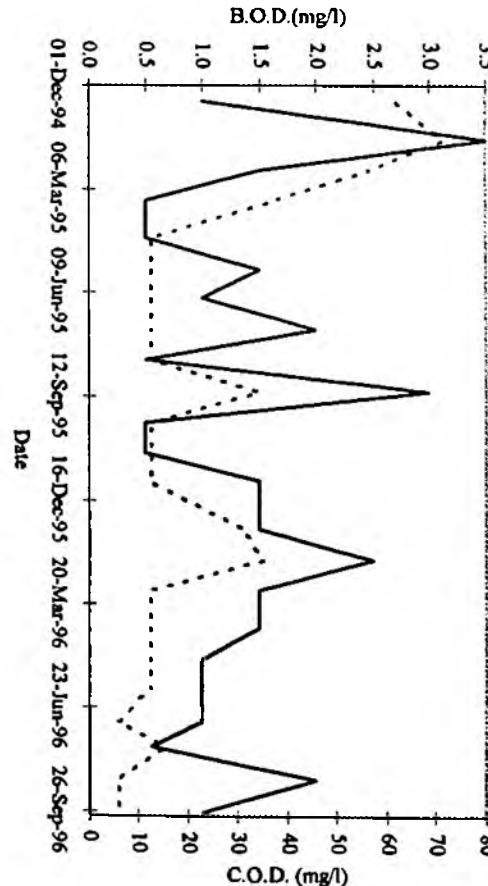
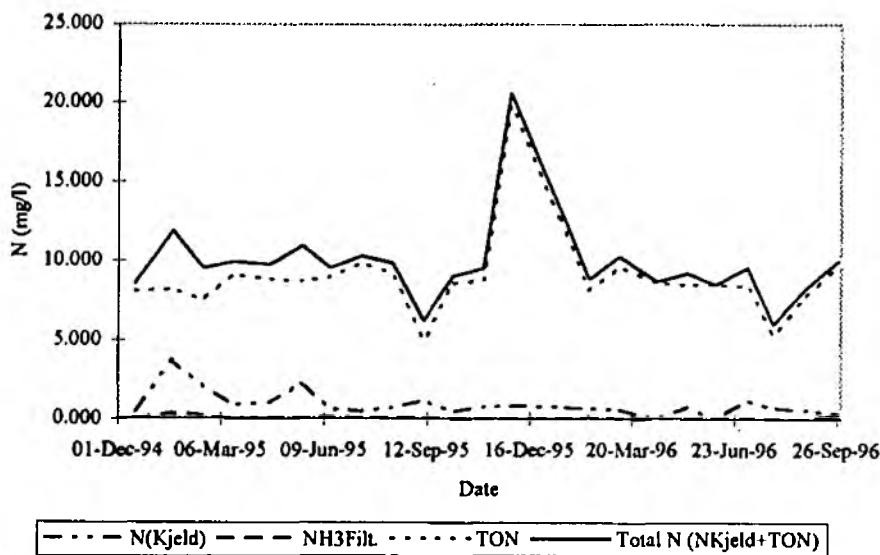
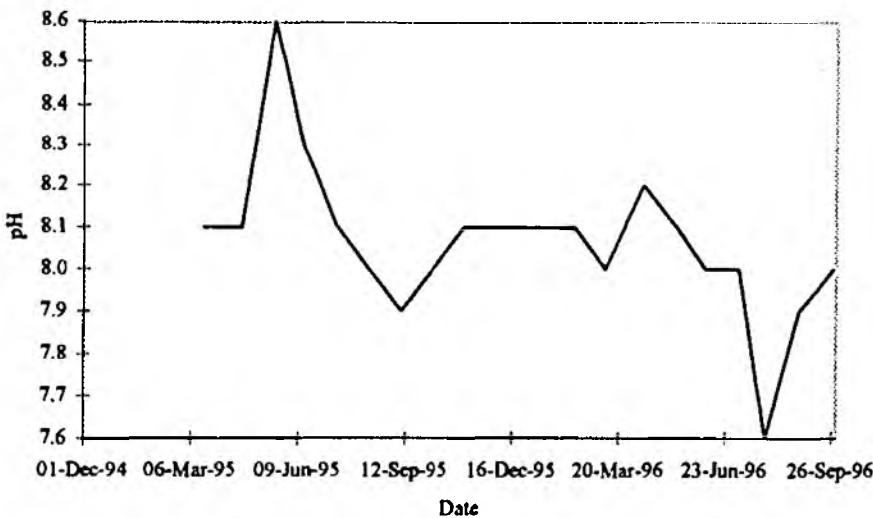


Figure 46 Radford Brook (Radford Semle)

### N at Radford Brook (Radford Semle)



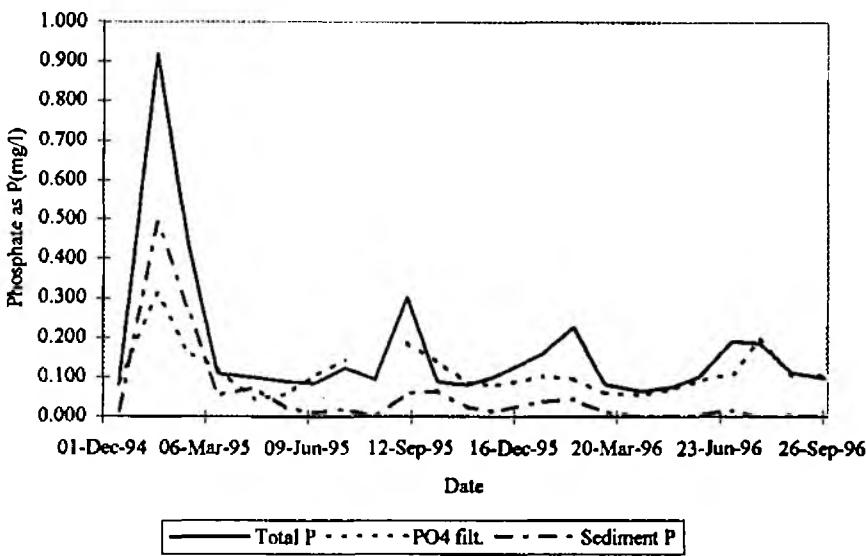
### pH at Radford Brook (Radford Semle)



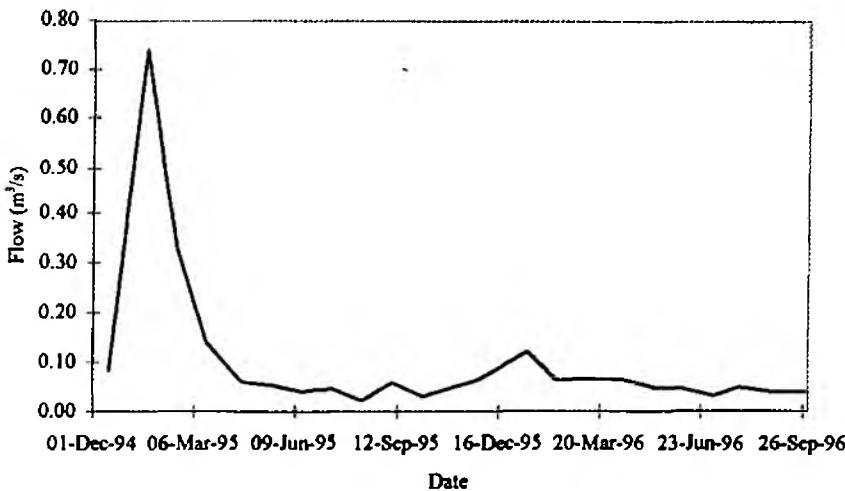
(Figure 46 cont.)

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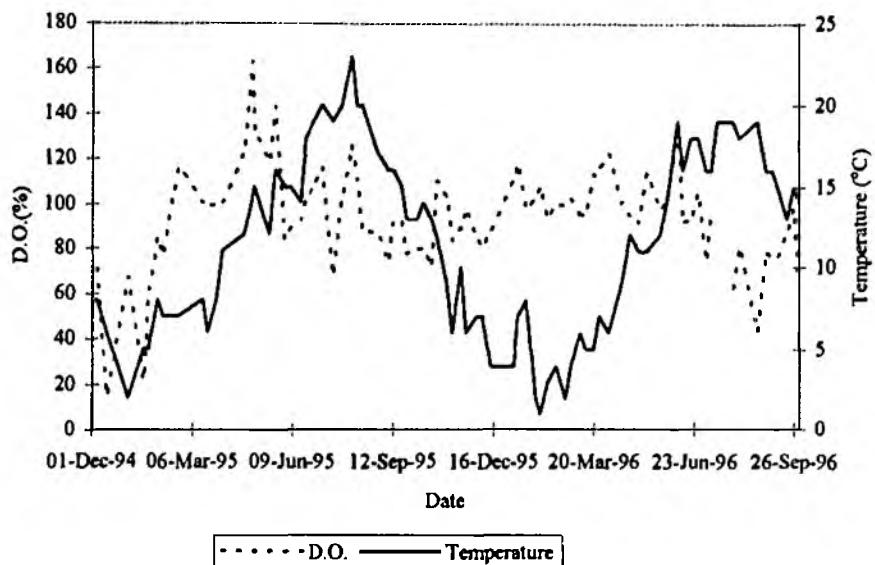
### P at Radford Brook (Radford Semele)



### Flow at Radford Brook (Radford Semele)



### D.O. and Temperature at Princes Drive(Leam)



### Electrical Conductivity and Eh at Princes Drive(Leam)

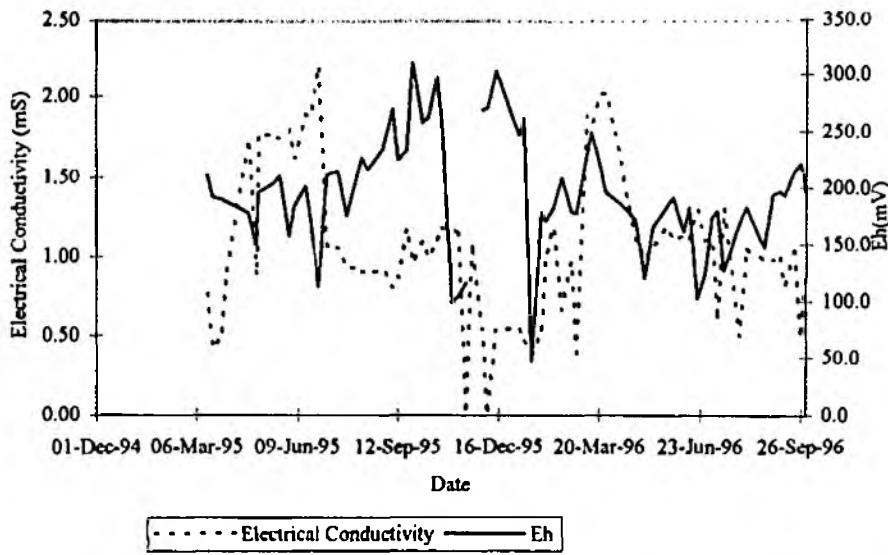
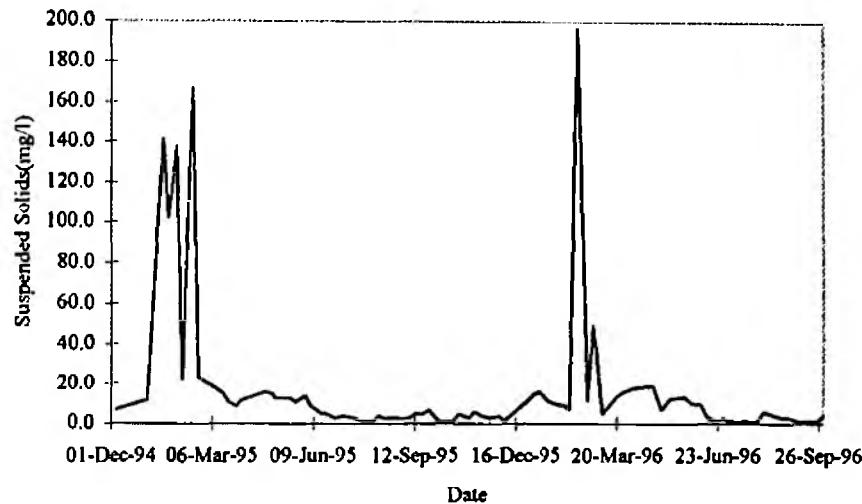


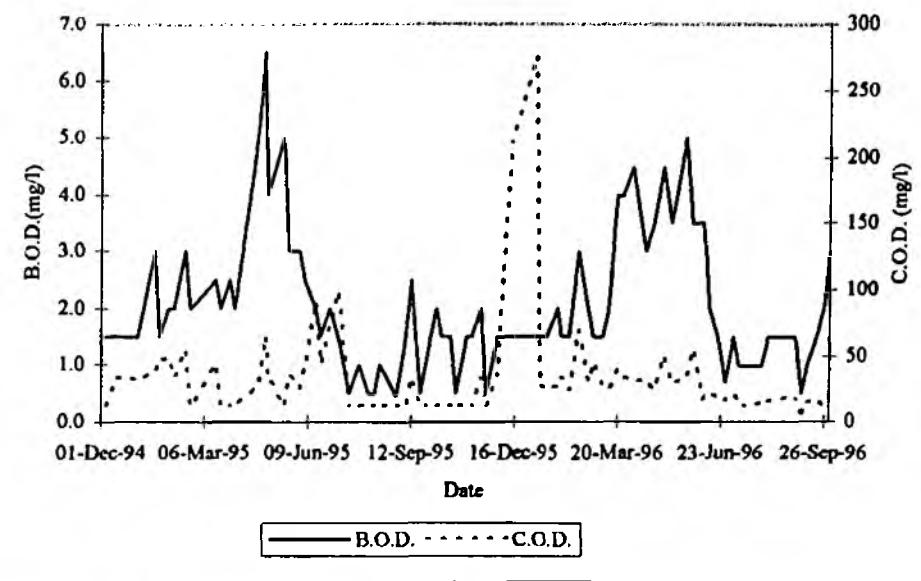
Figure 47 Princes Drive (Leam)

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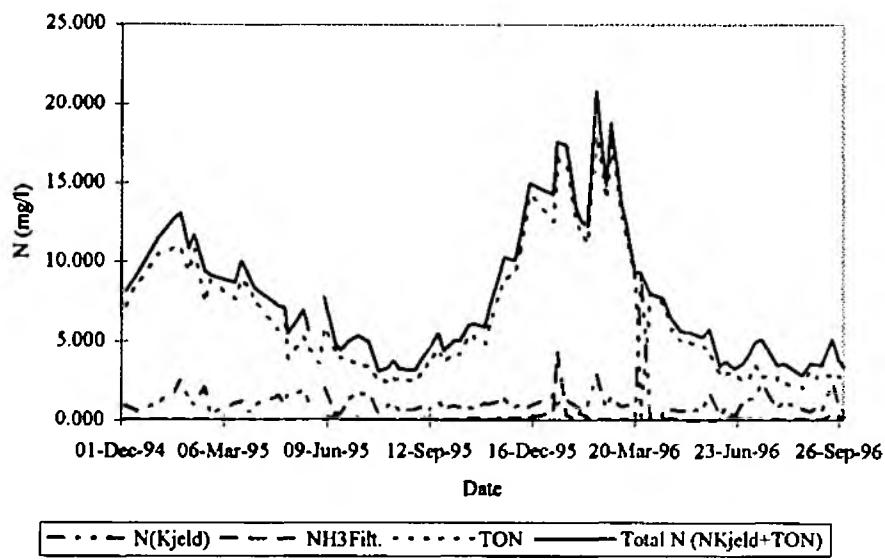
### Suspended Solids at Princes Drive(Leam)



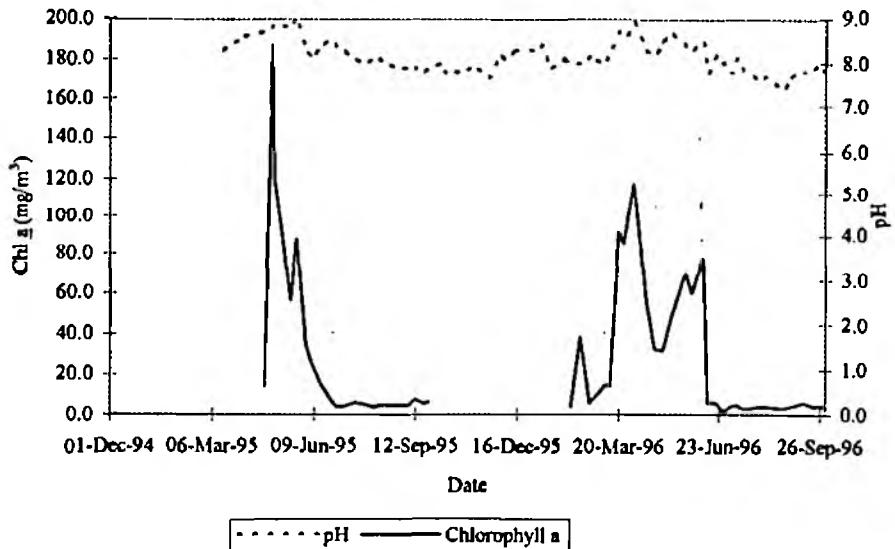
### B.O.D. and C.O.D. at Princes Drive(Leam)



### N at Princes Drive(Leam)



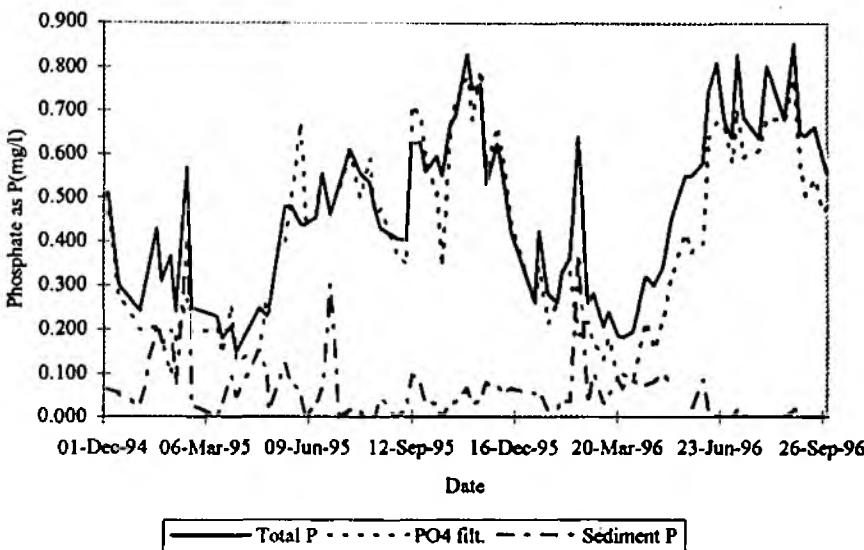
### Chlorophyll a and pH at Princes Drive(Leam)



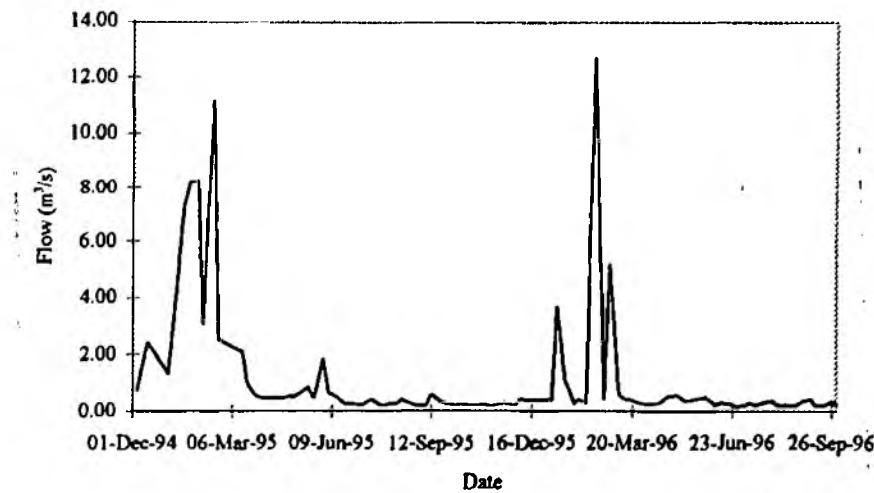
(Figure 47 cont.)

91

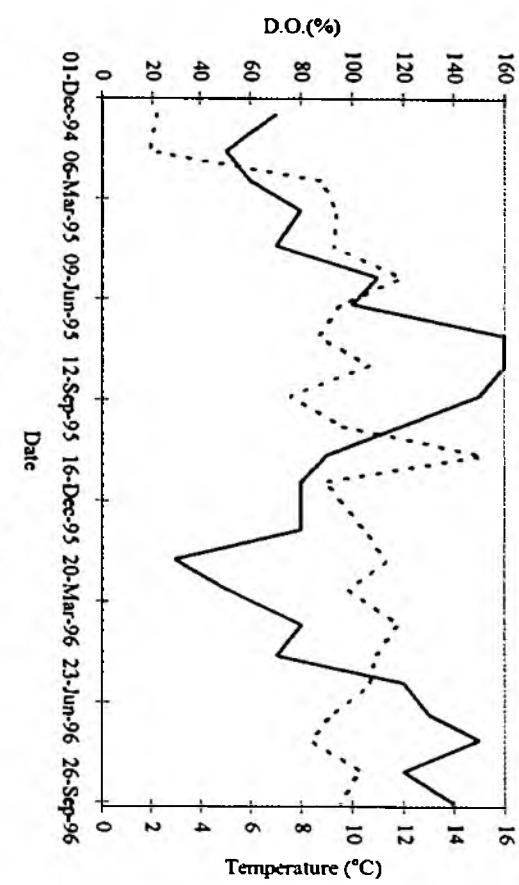
### P at Princes Drive(Leam)



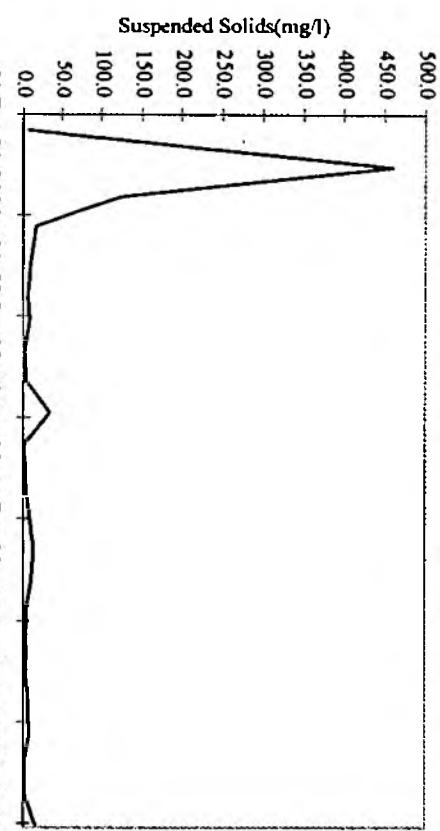
### Flow at Princes Drive(Leam)



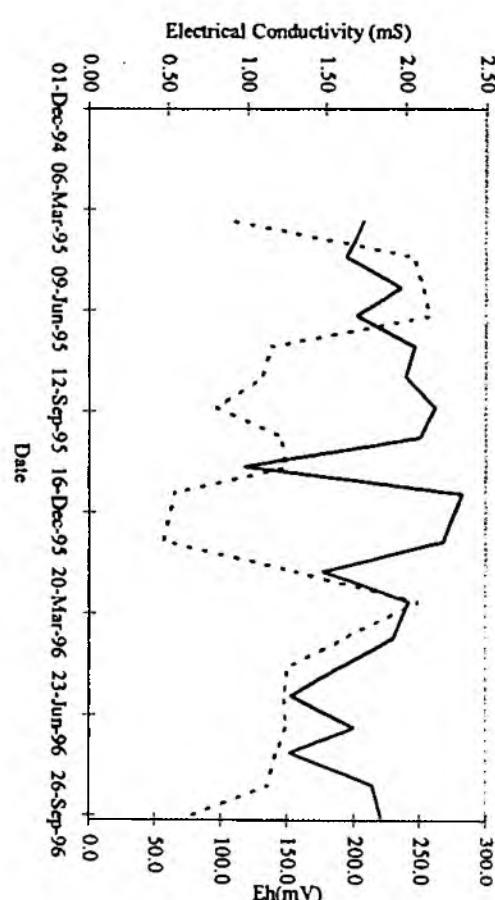
D.O. and Temperature at Bishops Tachbrook(Tach Bk.)



Suspended Solids at Bishops Tachbrook(Tach Bk.)



Electrical Cond. and Eh at Bishops Tachbrook(Tach Bk.)



B.O.D. and C.O.D. at Bishops Tachbrook(Tach Bk.)

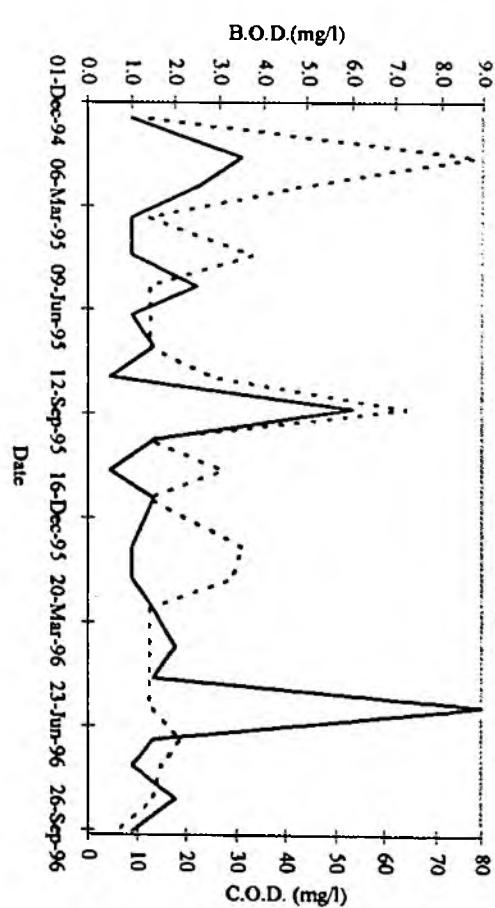
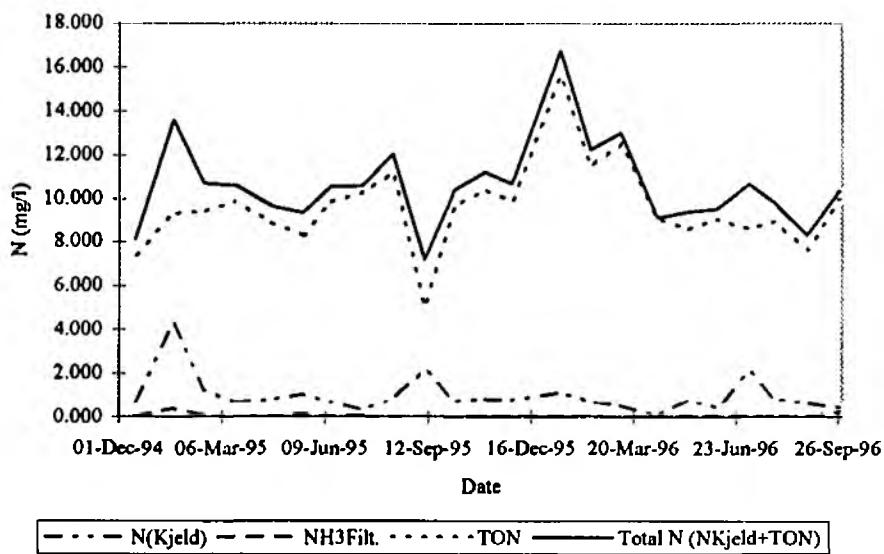
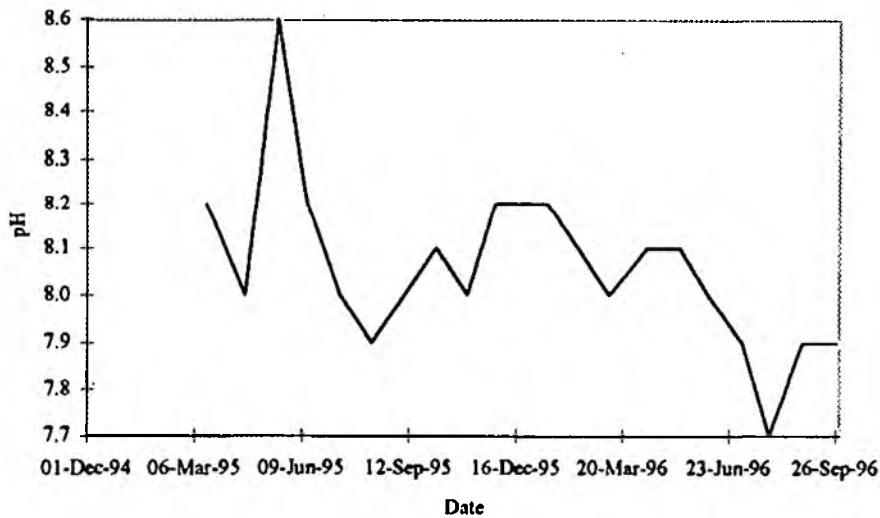


Figure 48 Bishops Tachbrook (Tach Bk.)

### N at Bishops Tachbrook(Tach Bk.)



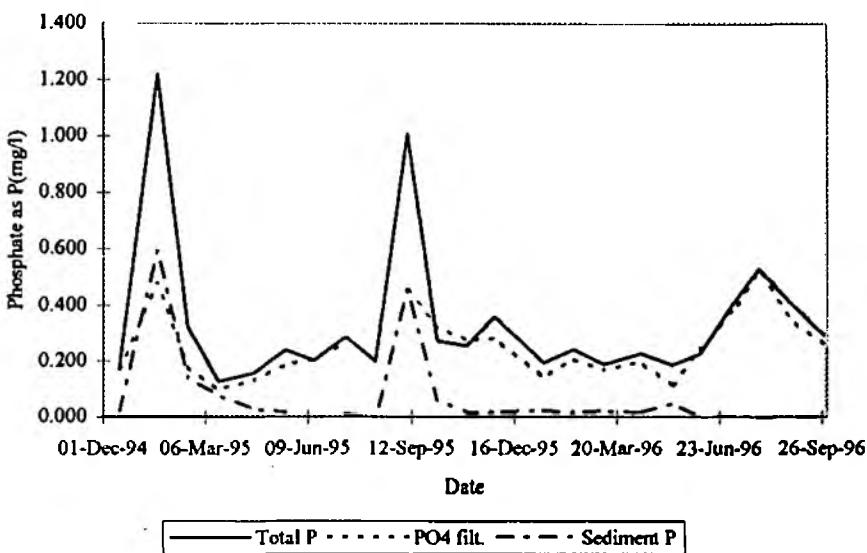
### pH at Bishops Tachbrook(Tach Bk.)



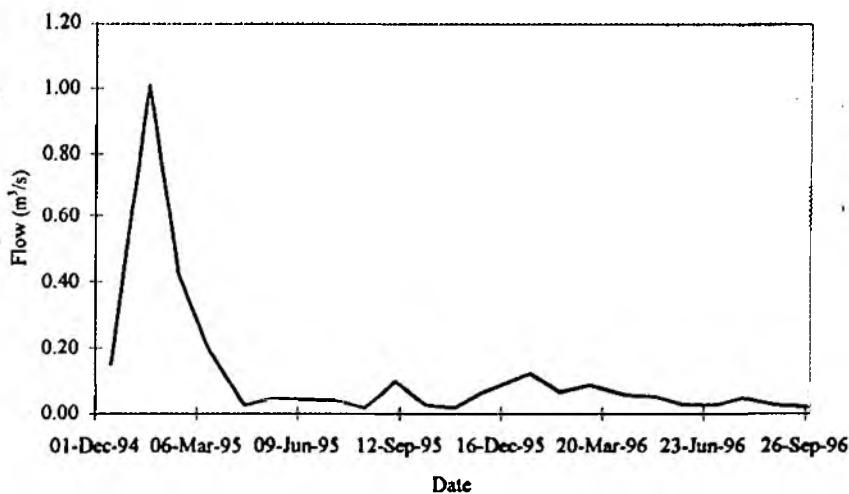
(Figure 48 cont.)

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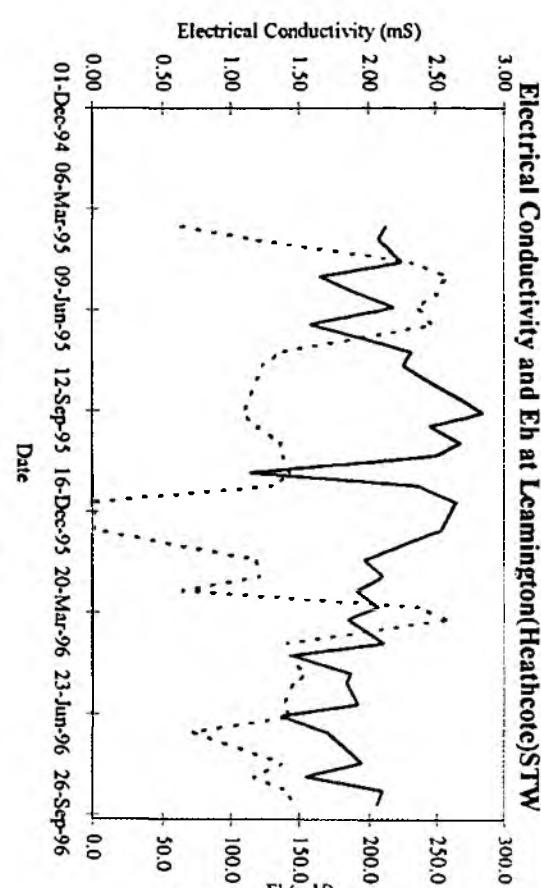
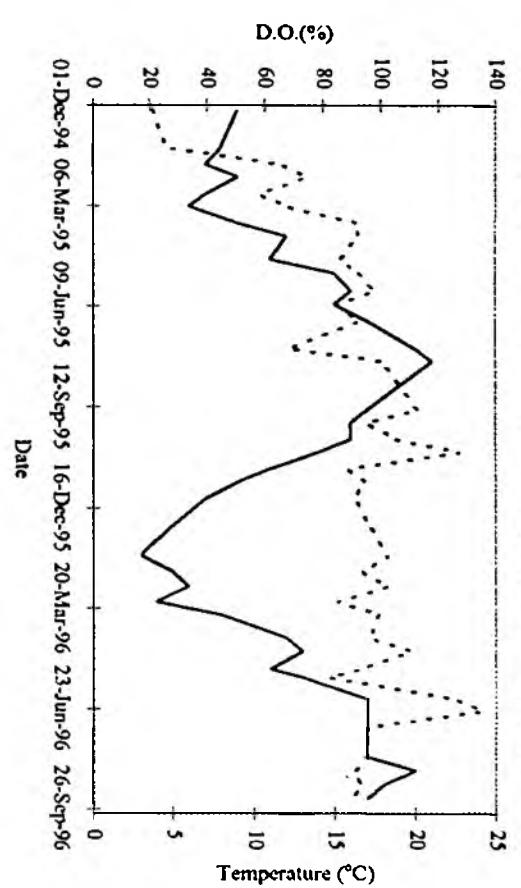
**P at Bishops Tachbrook(Tach Bk.)**



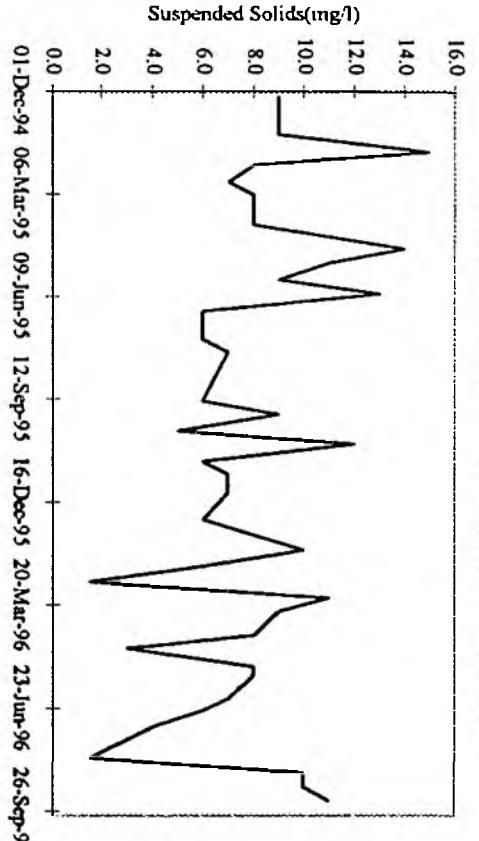
**Flow at Bishops Tachbrook(Tach Bk.)**



D.O. and Temperature at Leamington(Heathcote)STW



Suspended Solids at Leamington(Heathcote) STW



B.O.D. and C.O.D. at Leamington(Heathcote)STW

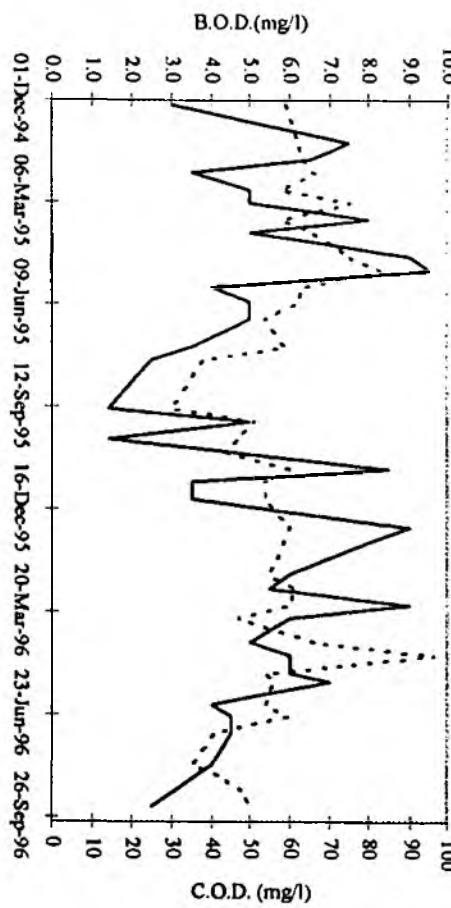
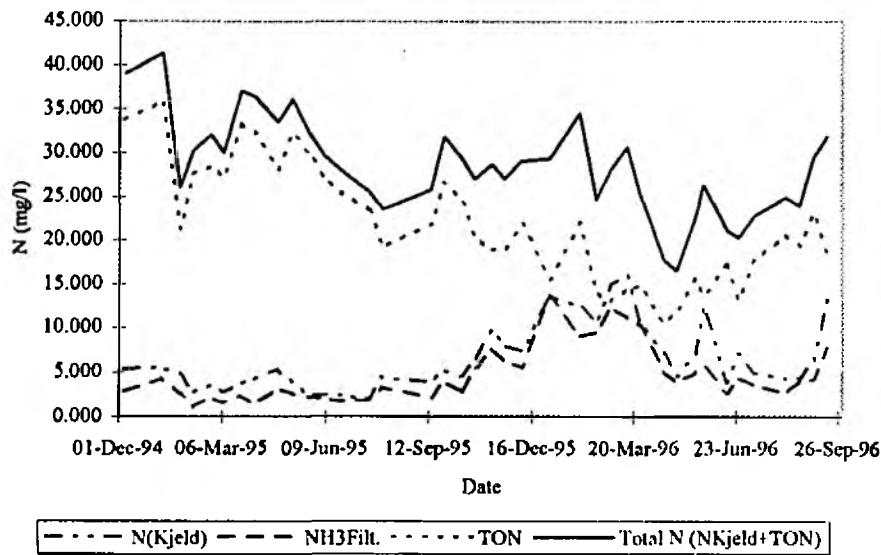
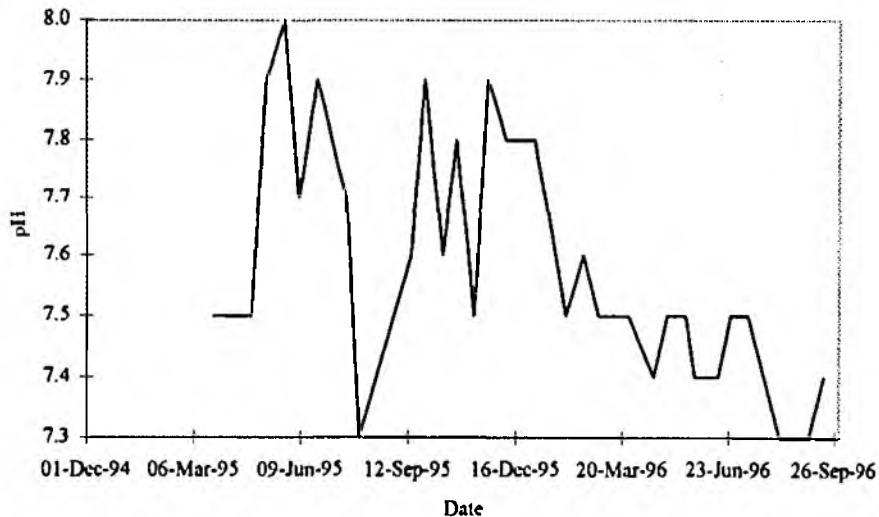


Figure 49 Leamington (Heathcote) STW

### N at Leamington(Heathcote)STW



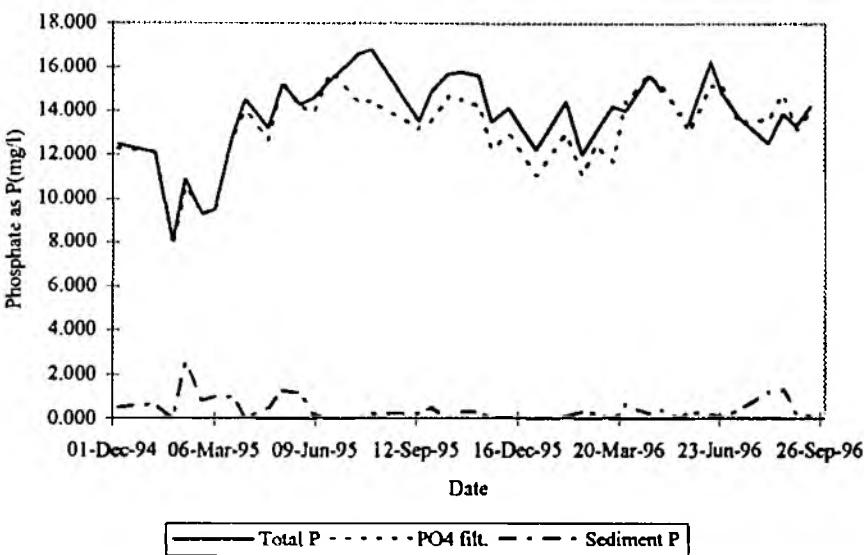
### pH at Leamington(Heathcote)STW



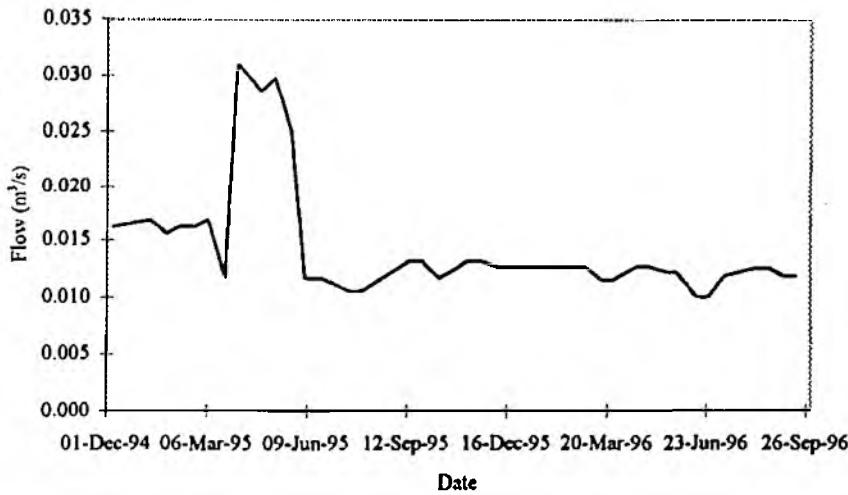
(Figure 49 cont.)

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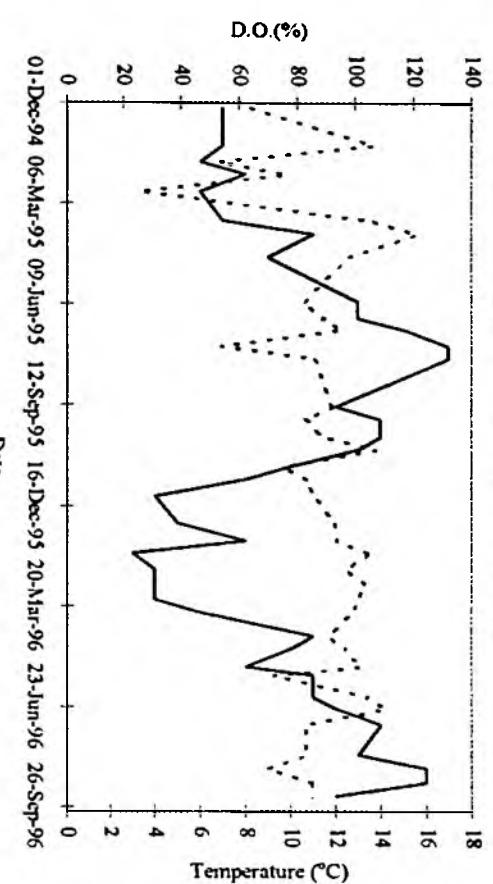
### P at Leamington(Heathcote)STW



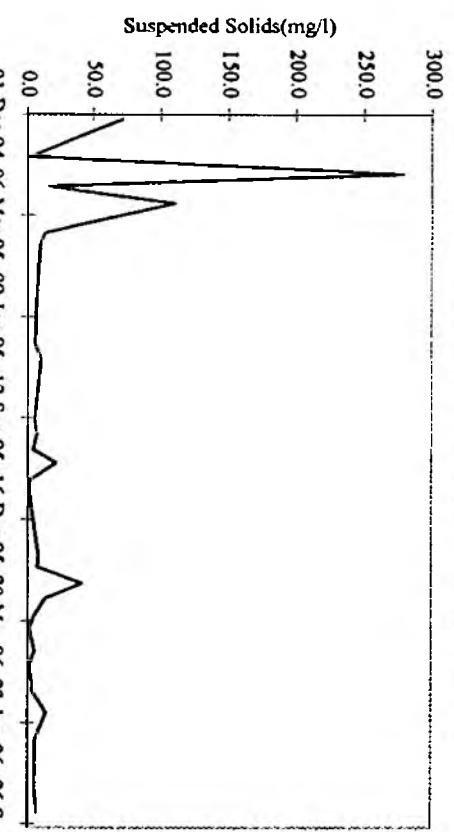
### Flow at Leamington(Heathcote)STW



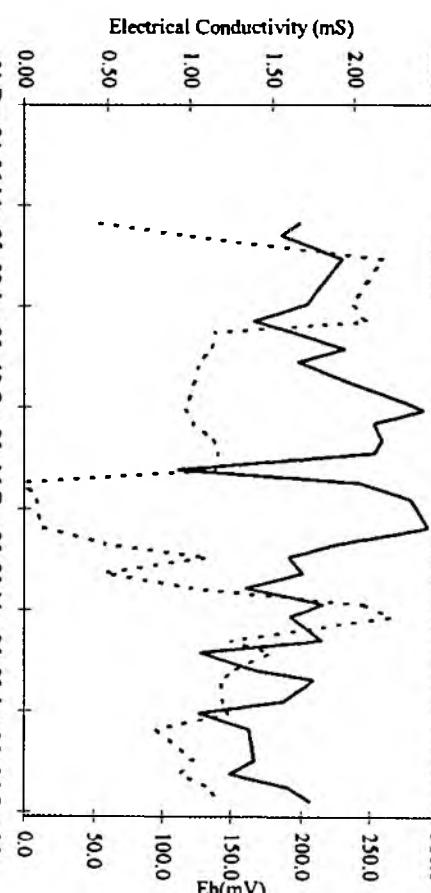
D.O. and Temperature at A41 New Waters(Tach Bk.)



Suspended Solids at A41 New Waters(Tach Bk.)



Electrical Conductivity and Eh at A41 New Waters(Tach Bk.)



B.O.D. and C.O.D. at A41 New Waters(Tach Bk.)

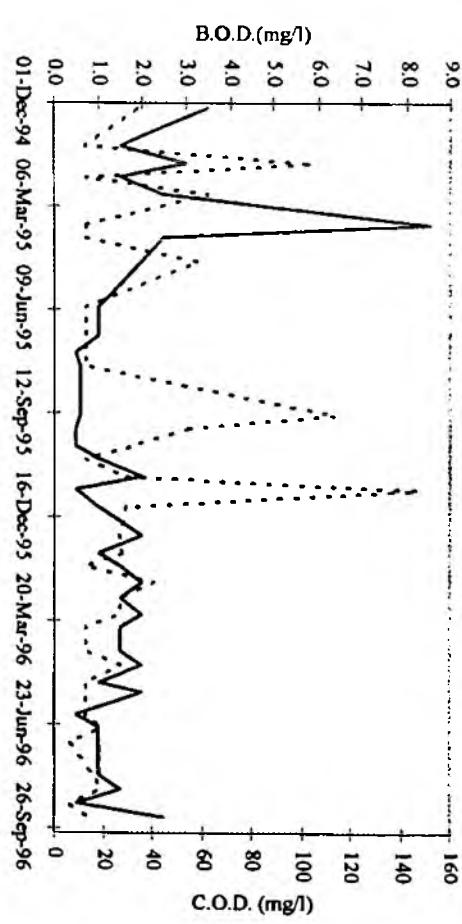
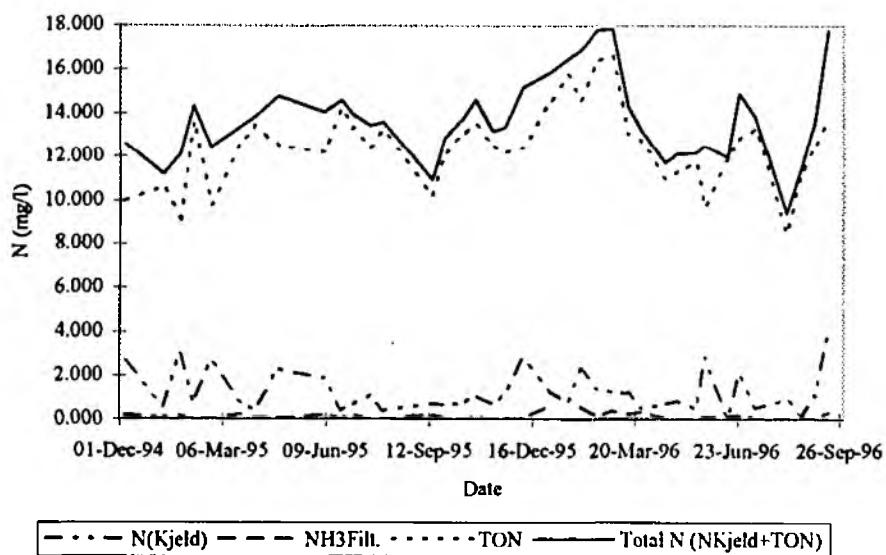
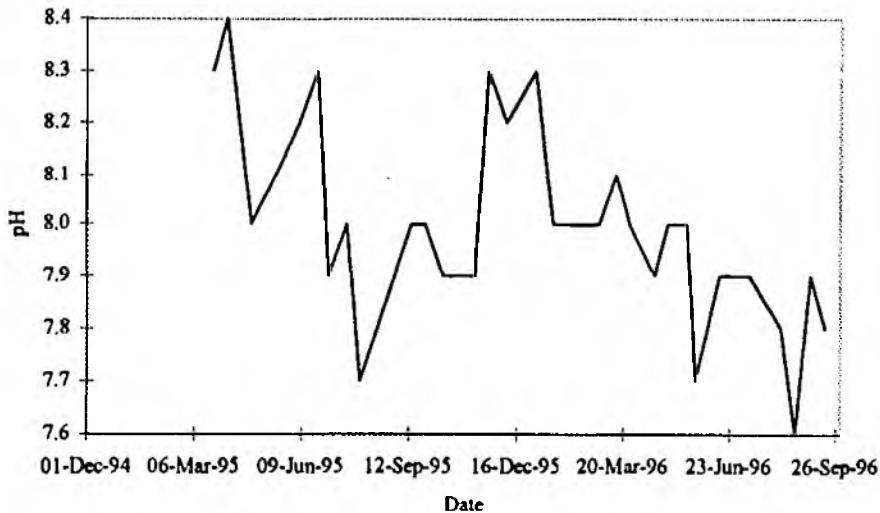


Figure 50 A41 New Waters (Tach Bk.)

### N at A41 New Waters(Tach Bk.)



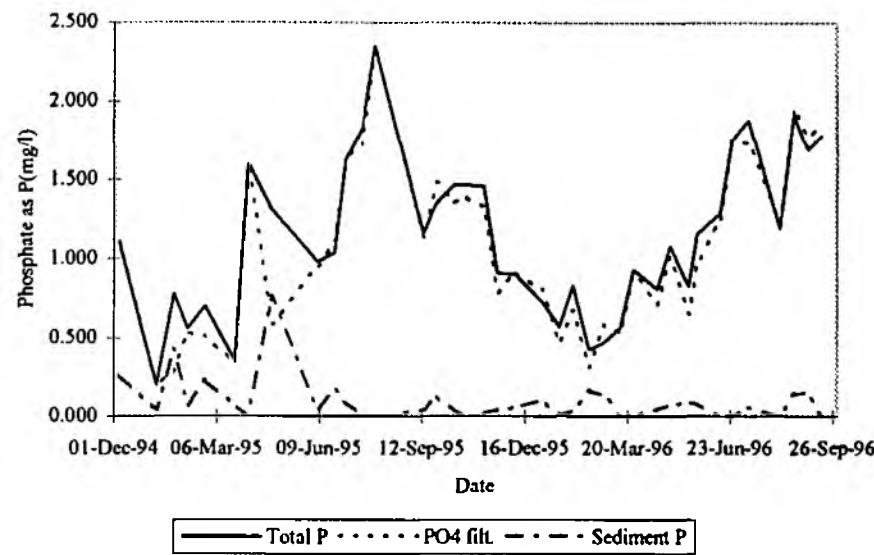
### pH at A41 New Waters(Tach Bk.)



(Figure 50 cont.)

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### P at A41 New Waters(Tach Bk.)



### Flow at A41 New Waters(Tach Bk.)

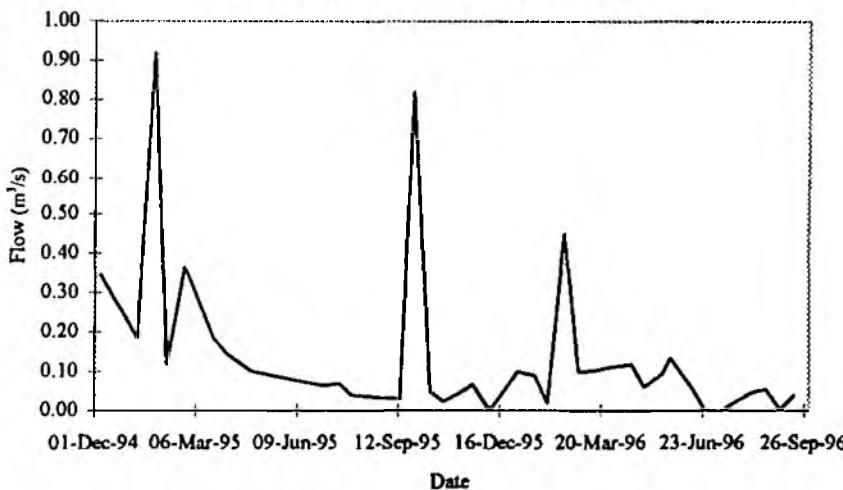
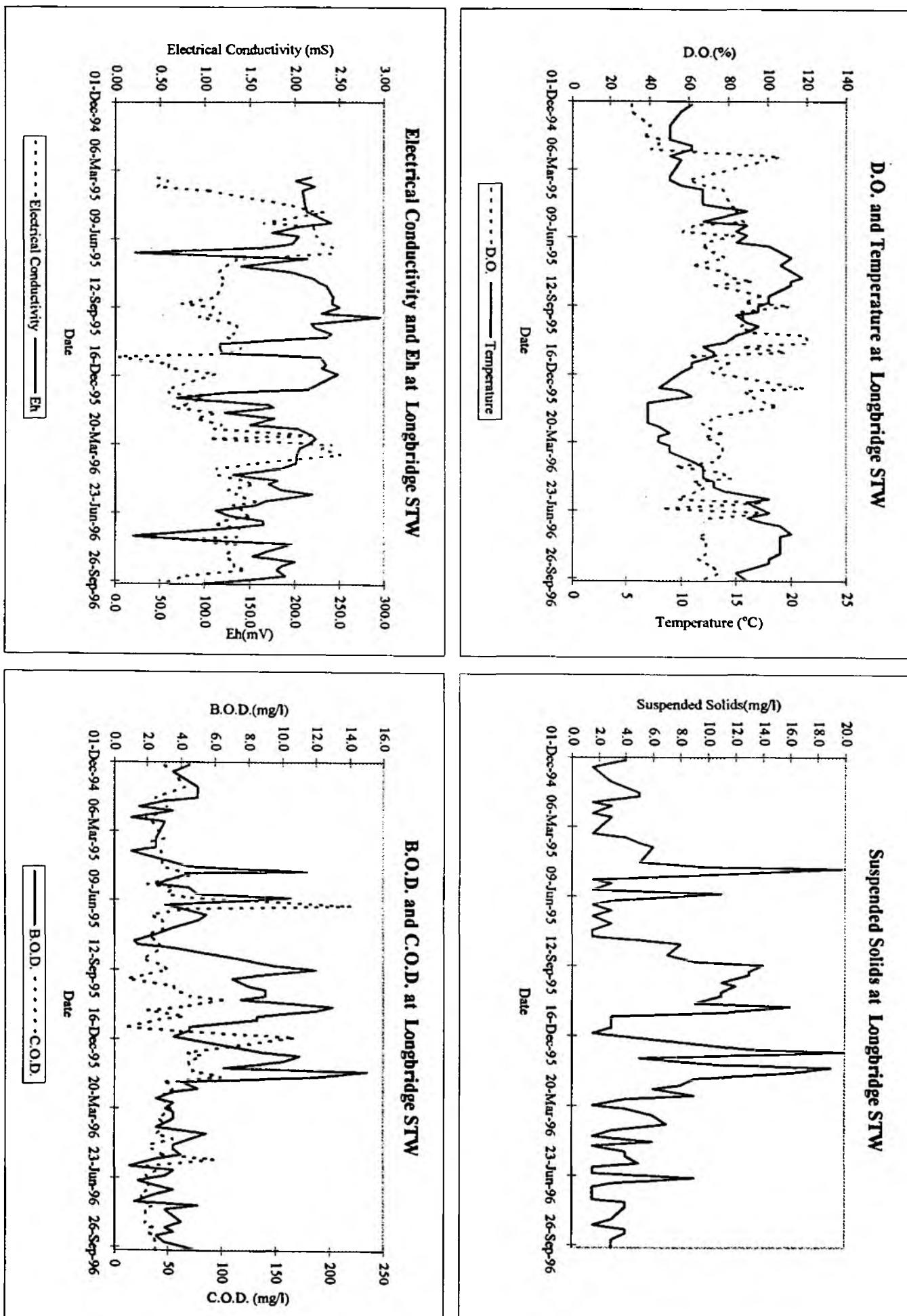
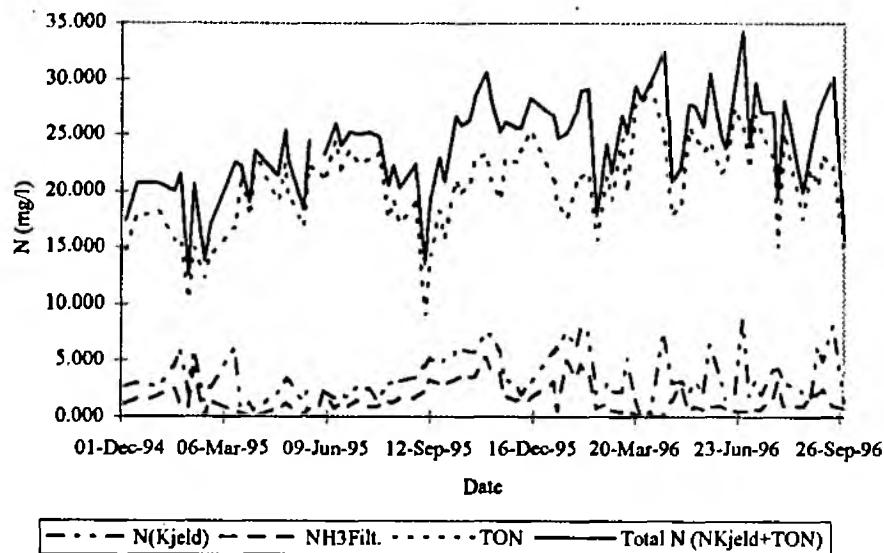


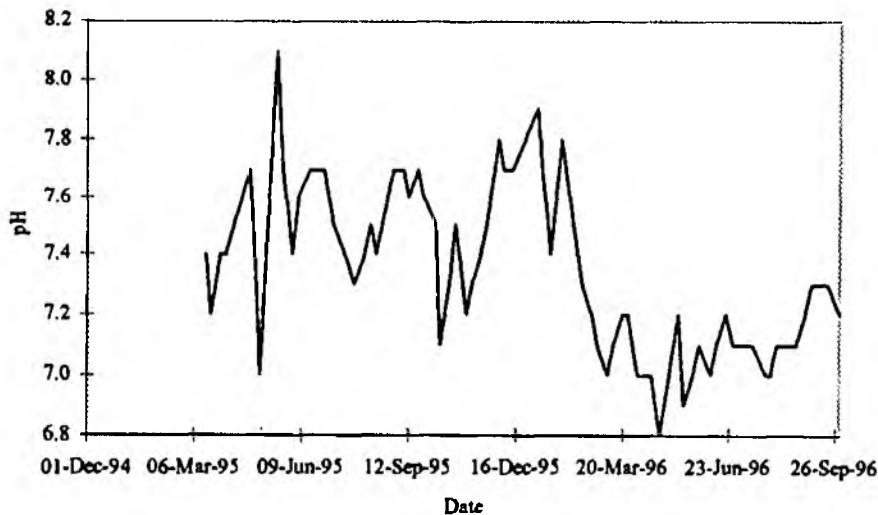
Figure 51 Longbridge STW



### N at Longbridge STW



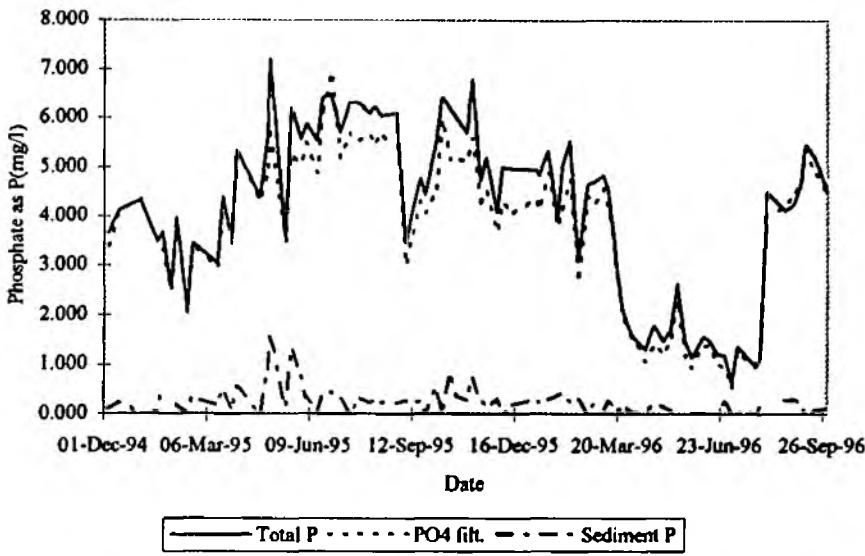
### pH at Longbridge STW



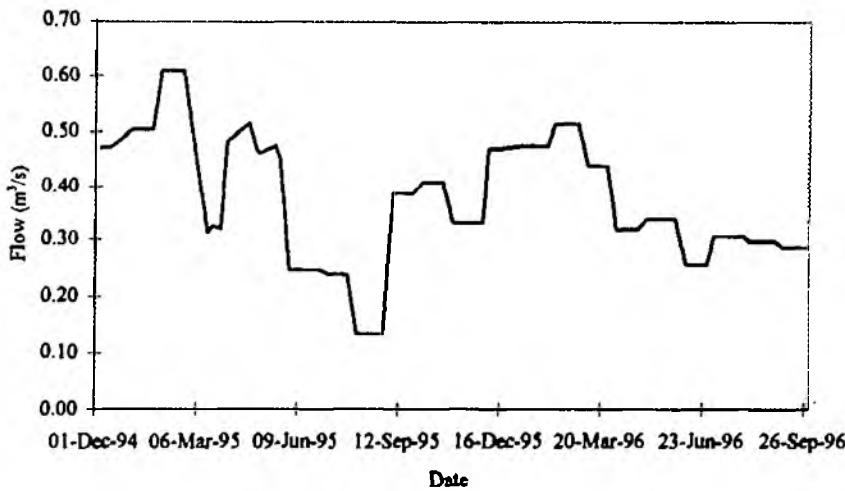
(Figure 51 cont.)

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### P at Longbridge STW



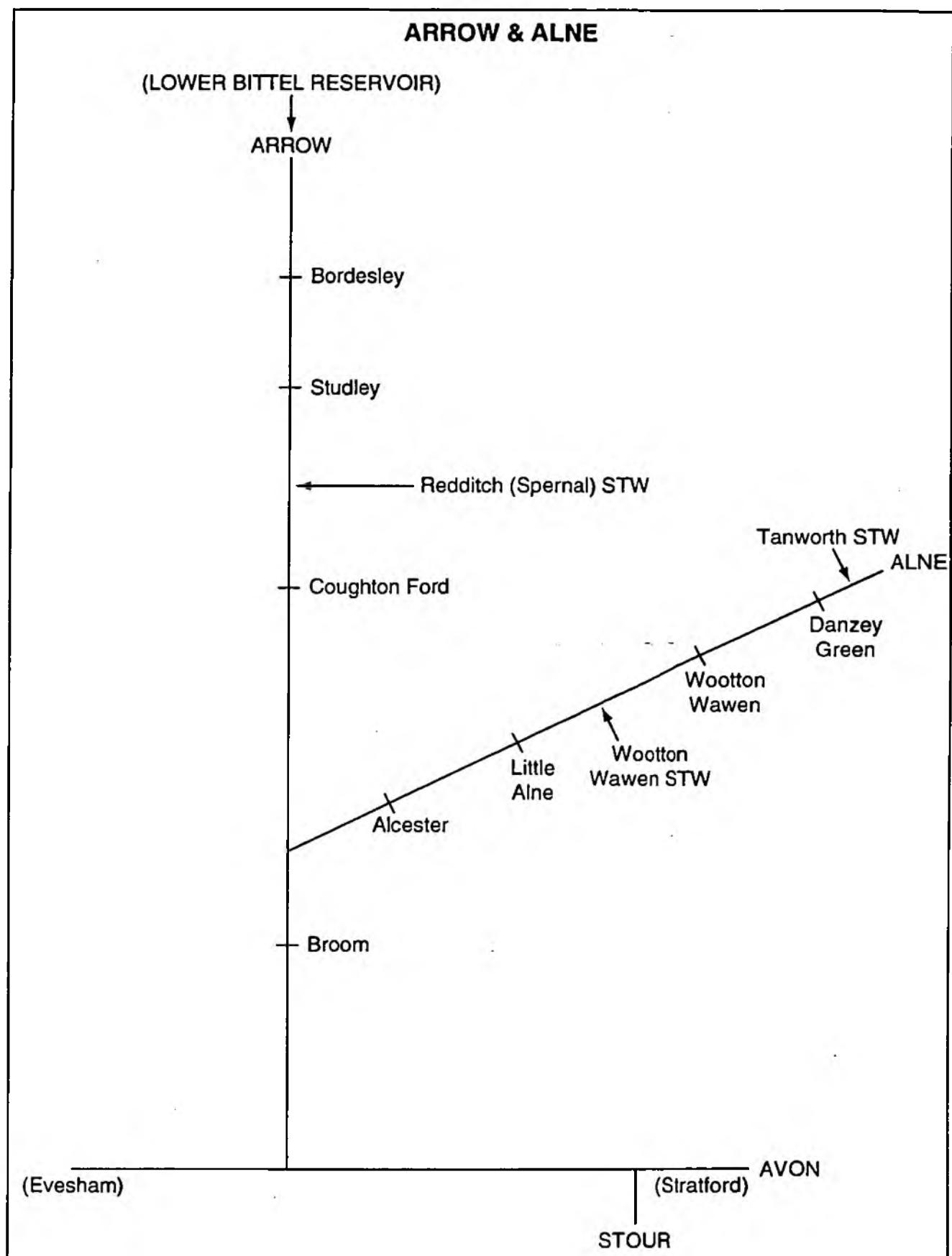
### Flow at Longbridge STW



## **Appendix 1d**

**The Rivers Arrow and Alne and their sub-catchments**

Figure 52 Site Loction Map for the rivers Arrow and Alne and their sub-catchments



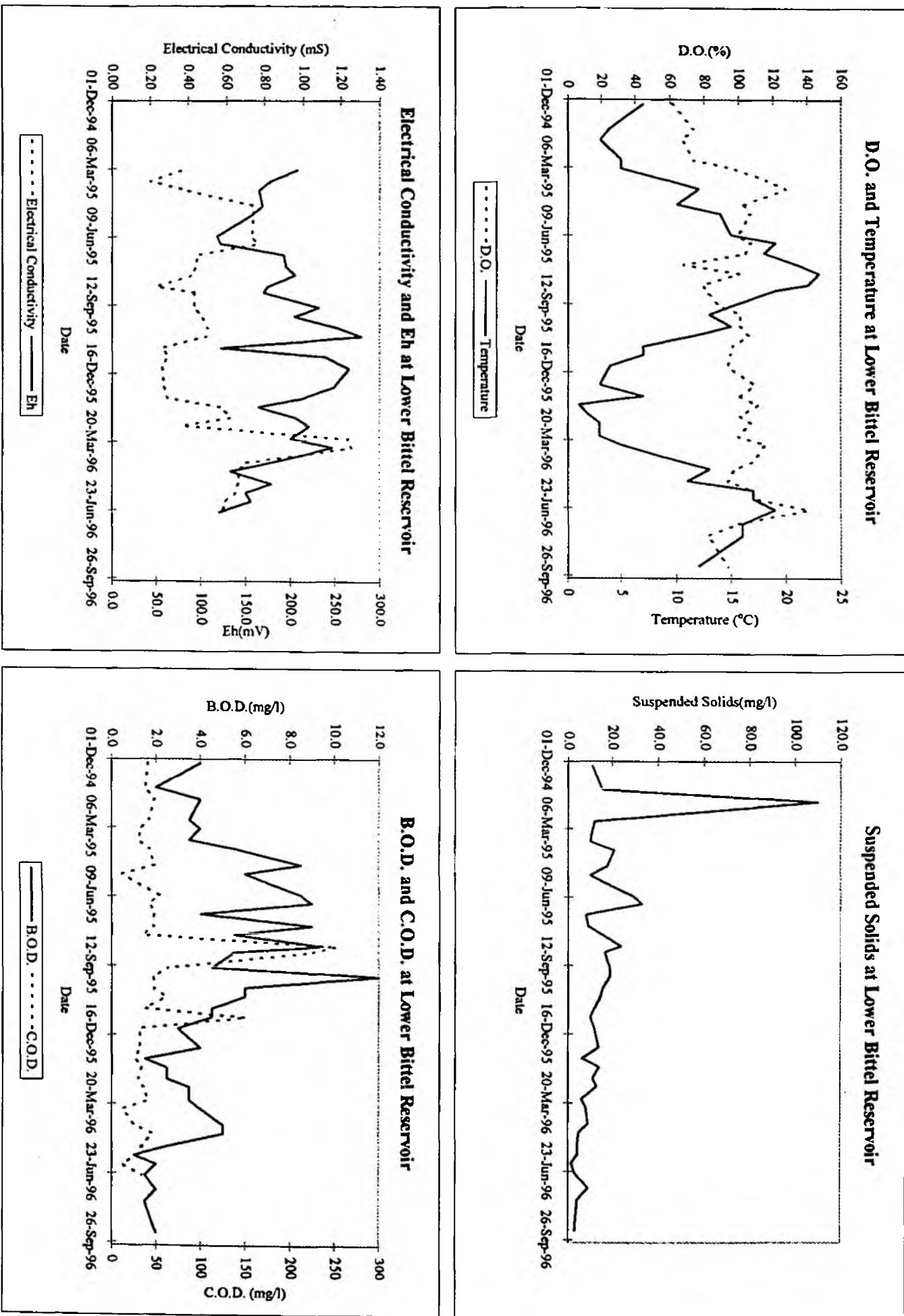
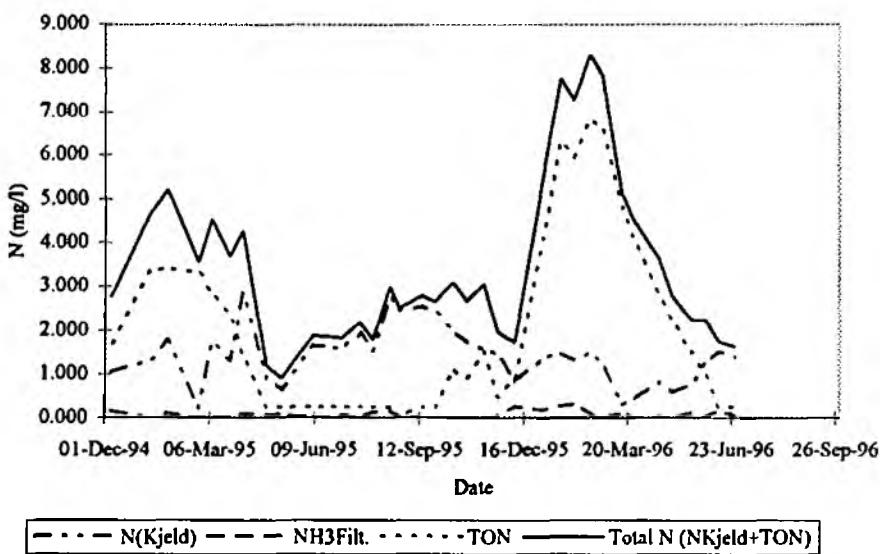
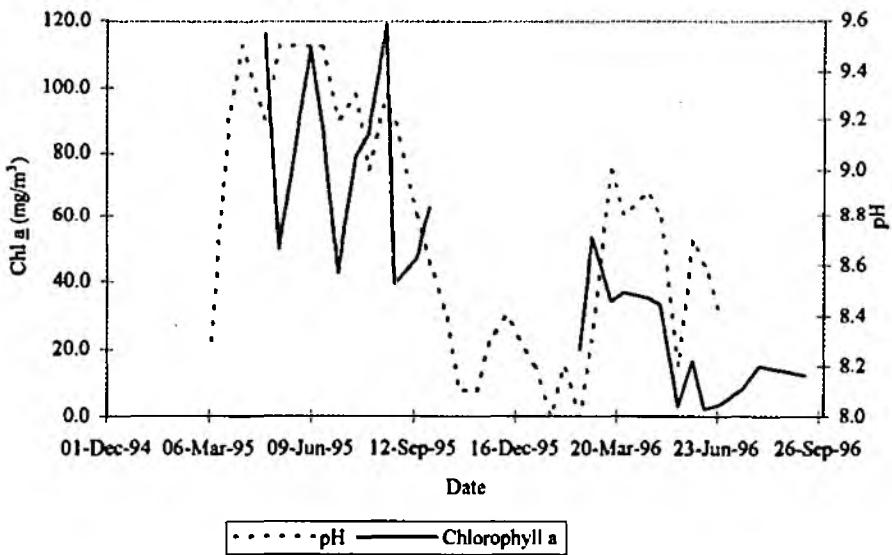


Figure S3 Lower Bittel Reservoir

### N at Lower Bittel Reservoir



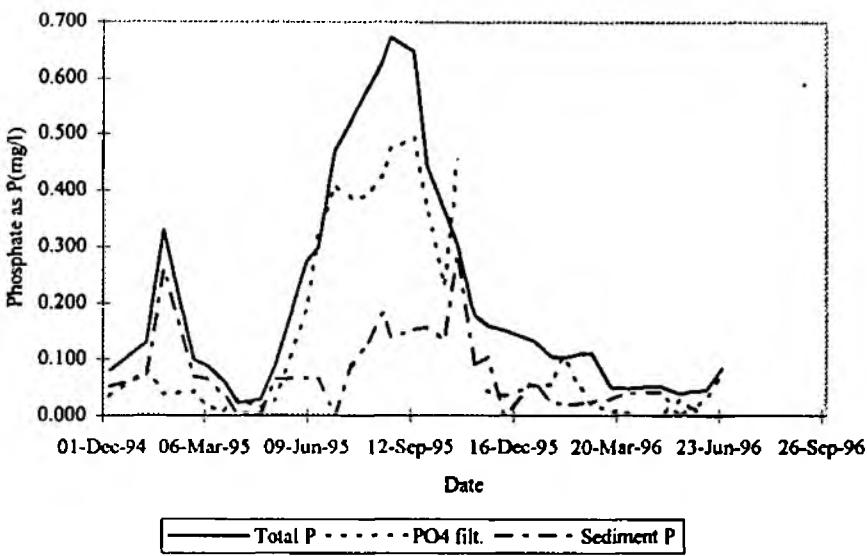
### Chlorophyll a and pH at Lower Bittel Reservoir



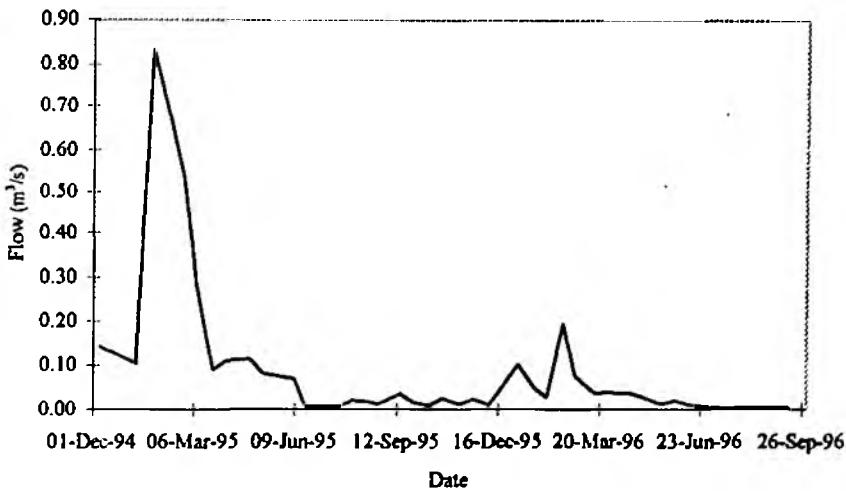
(Figure 53 cont.)

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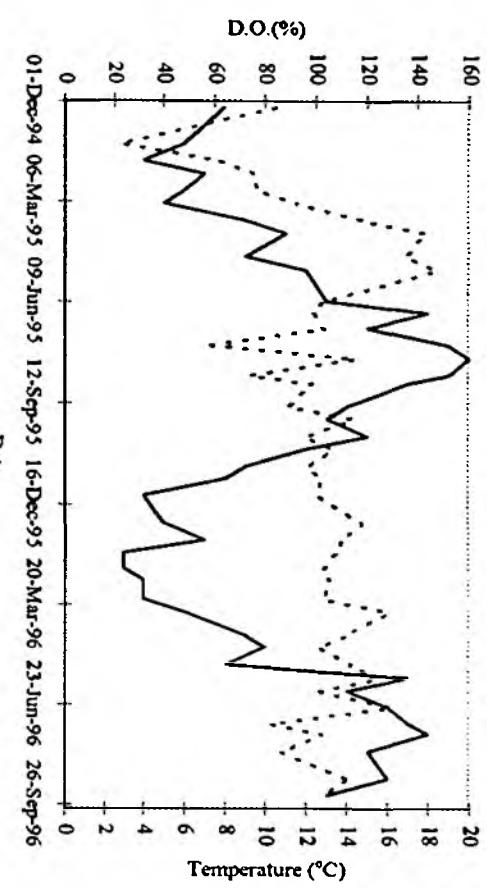
### P at Lower Bittel Reservoir



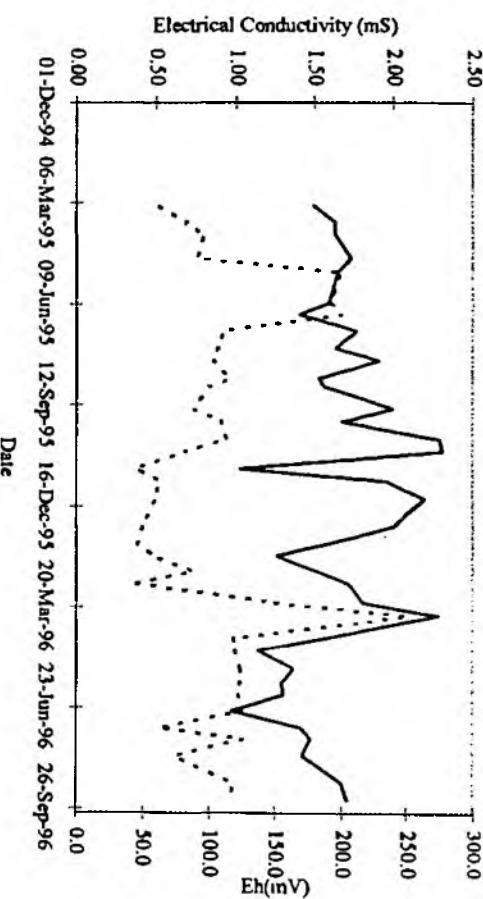
### Flow at Lower Bittel Reservoir



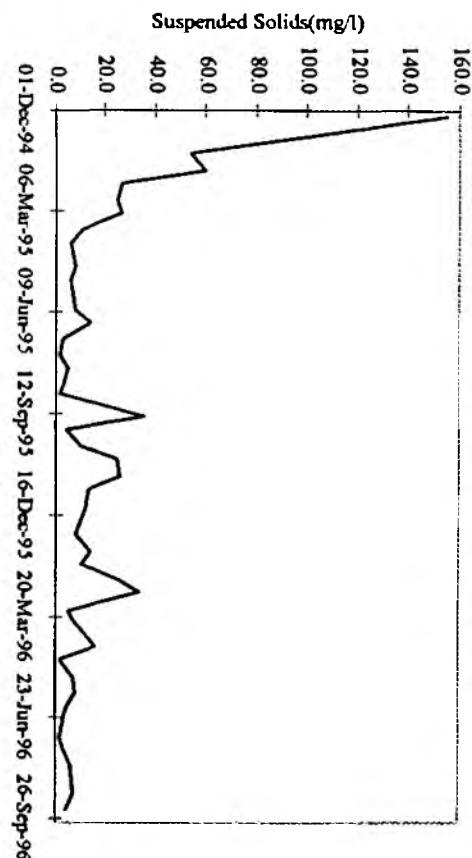
D.O. and Temperature at Bordesley (Arrow)



Electrical Conductivity and Eh at Bordesley (Arrow)



Suspended Solids at Bordesley (Arrow)



B.O.D. and C.O.D. at Bordesley (Arrow)

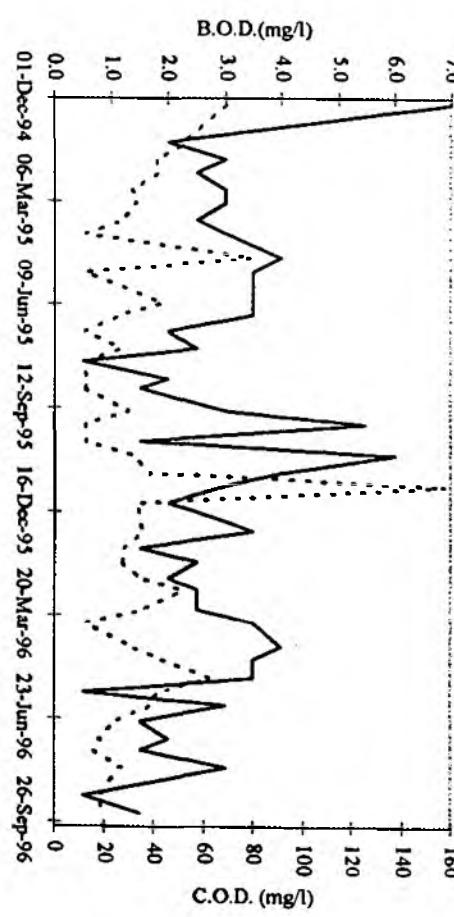
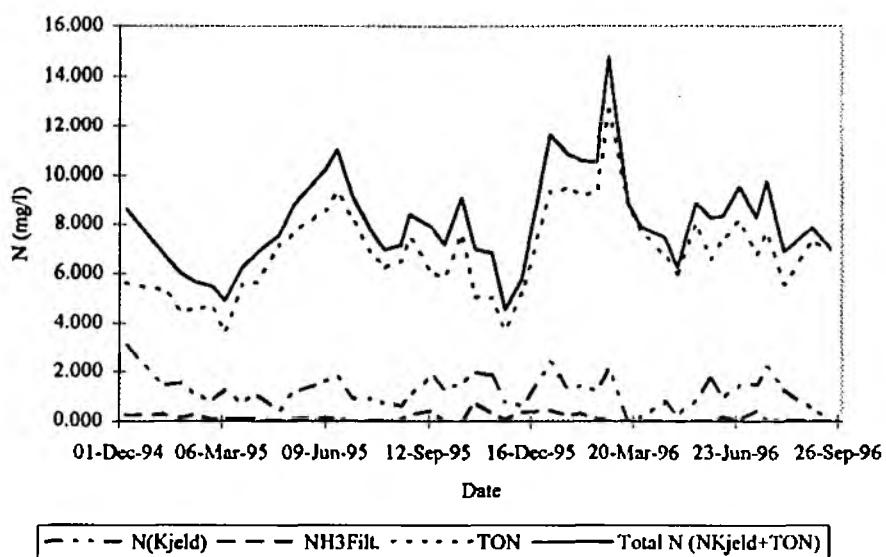
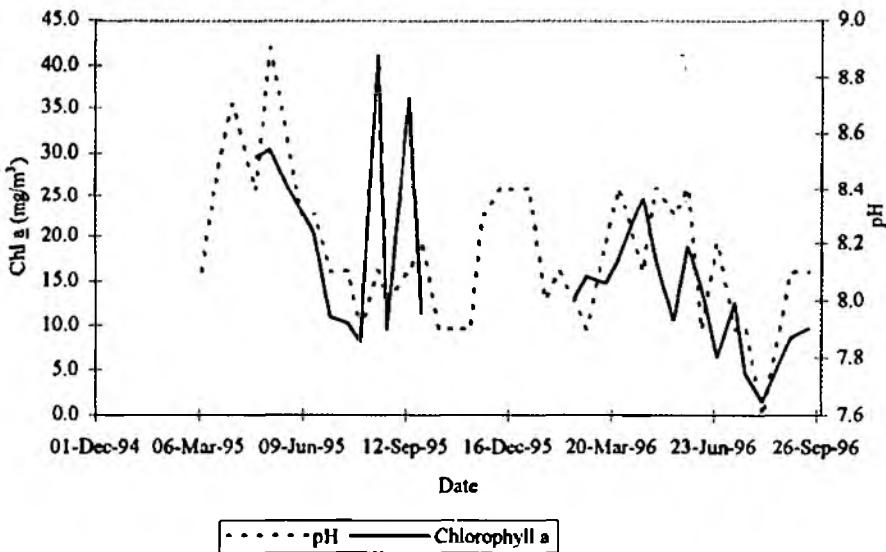


Figure 54 Bordesley (Arrow)

### N at Bordesley (Arrow)



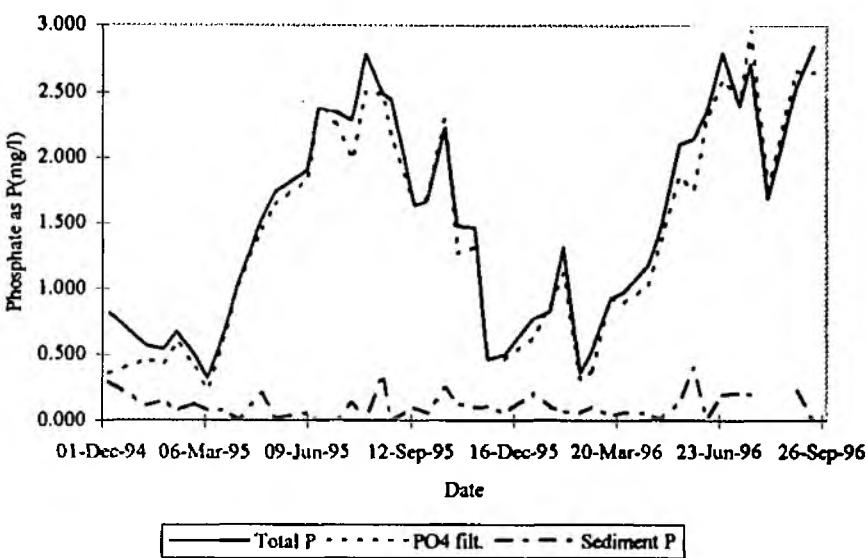
### Chlorophyll a and pH at Bordesley (Arrow)



(Figure 54 cont.)

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P at Bordesley (Arrow)



Flow at Bordesley (Arrow)

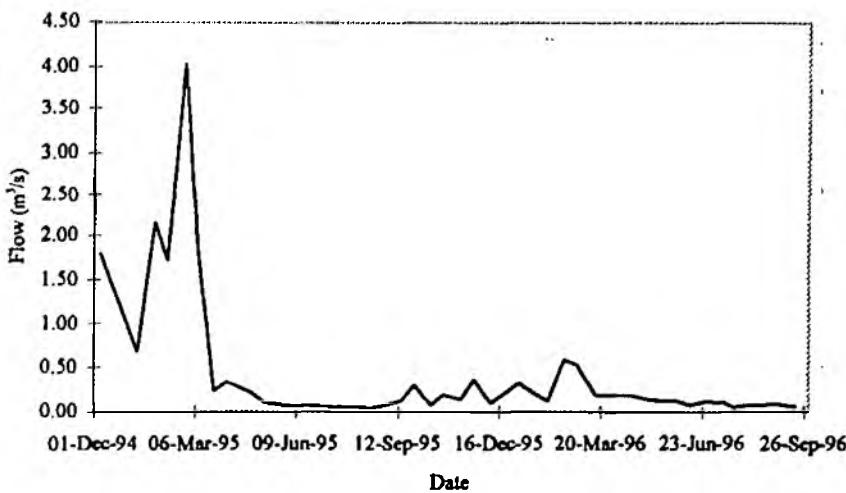
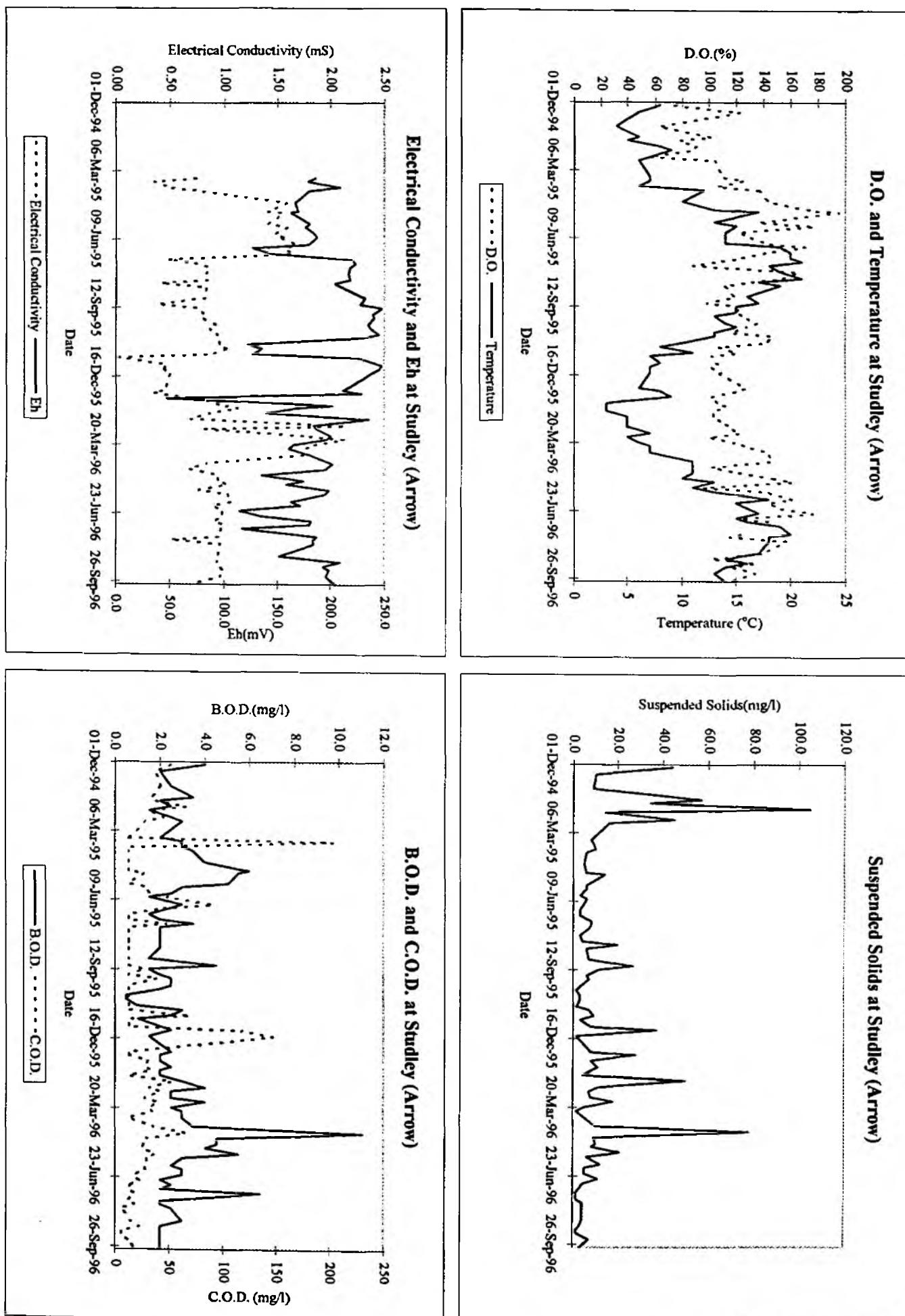
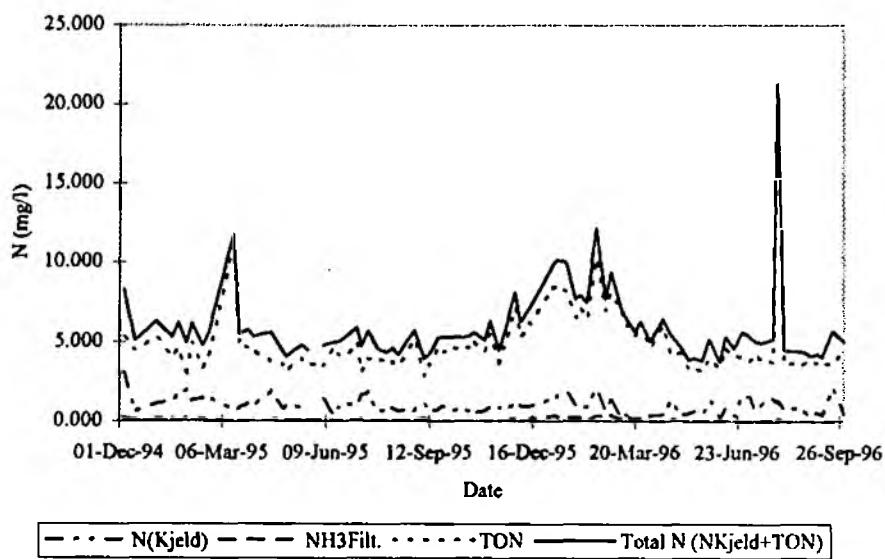


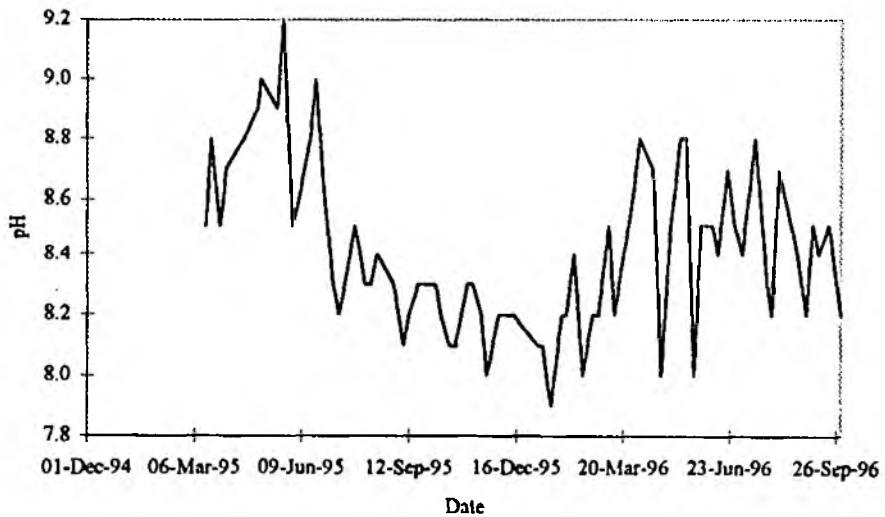
Figure 55 Studley (Arrow)



### N at Studley (Arrow)



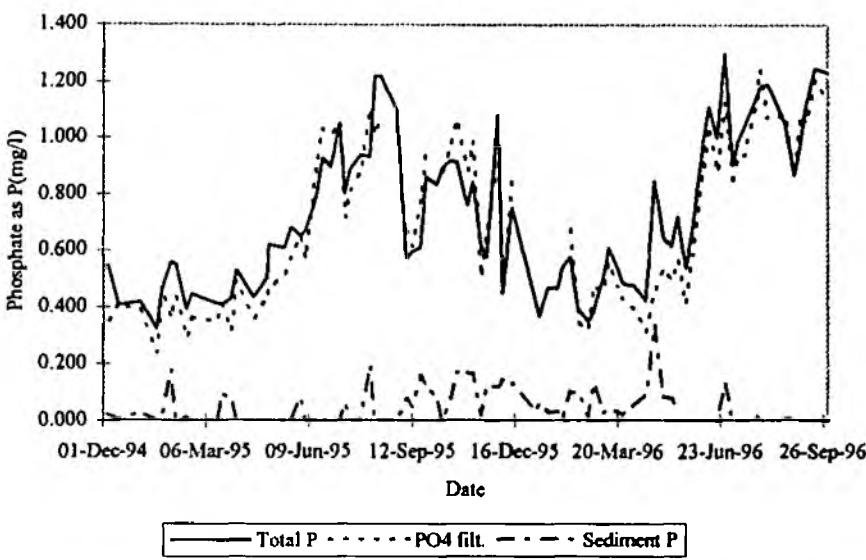
### pH at Studley (Arrow)



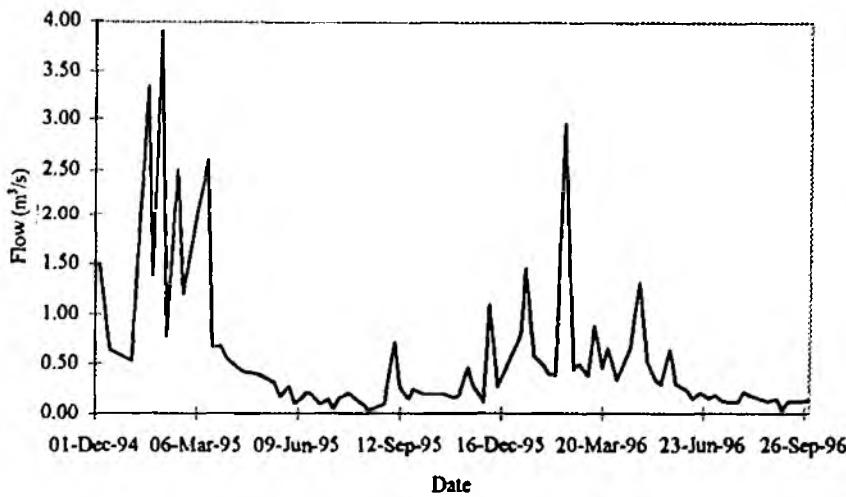
(Figure 55 cont.)

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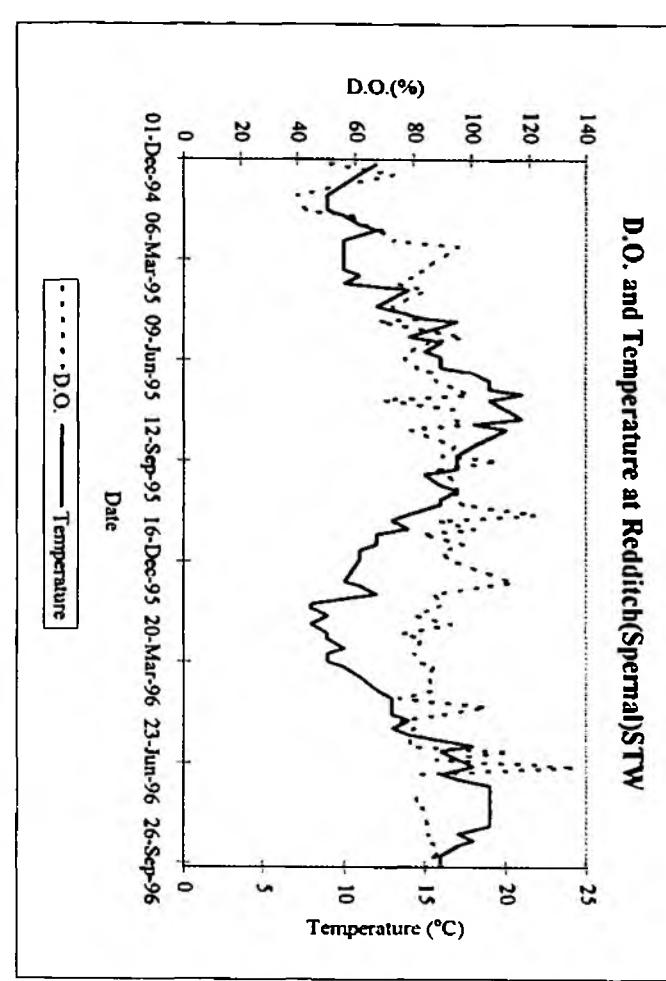
P at Studley (Arrow)



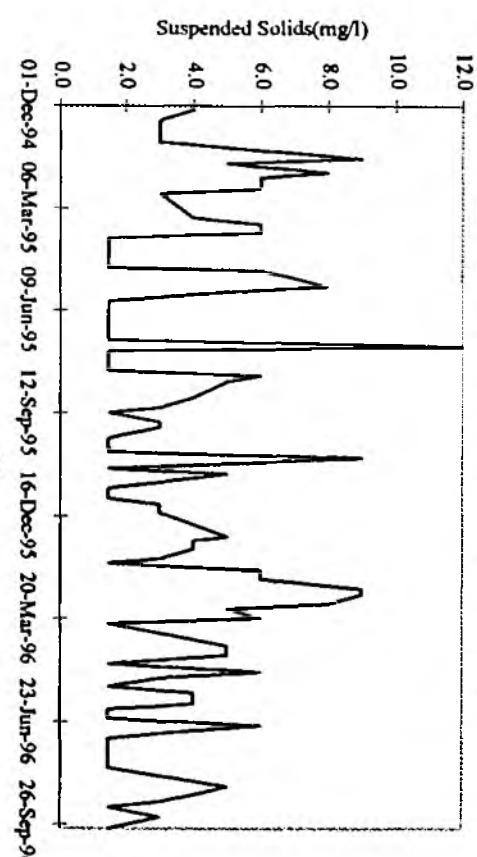
Flow at Studley (Arrow)



D.O. and Temperature at Redditch(Sperimental)STW



Suspended Solids at Redditch(Sperimental)STW



B.O.D. and C.O.D. at Redditch(Sperimental)STW

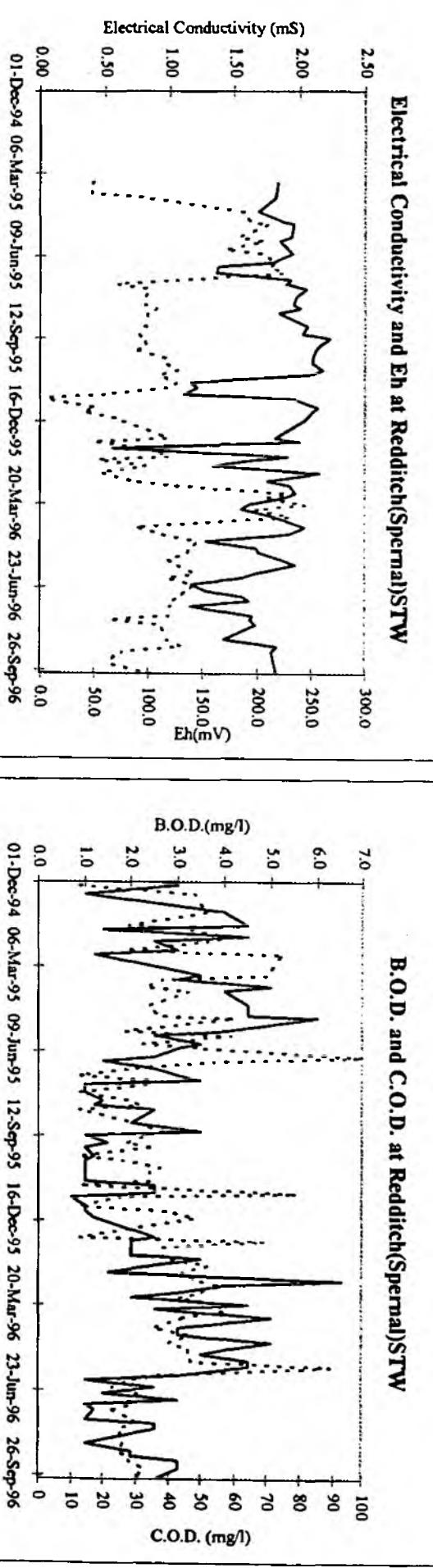
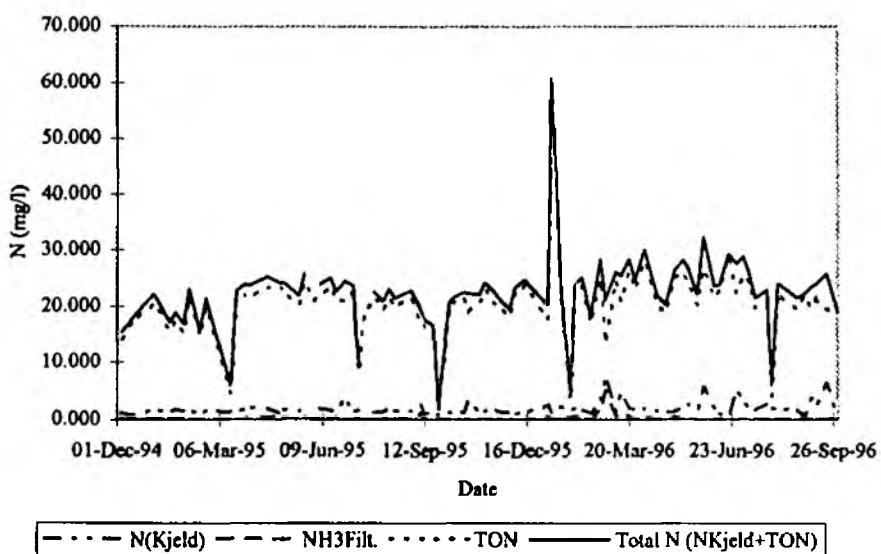
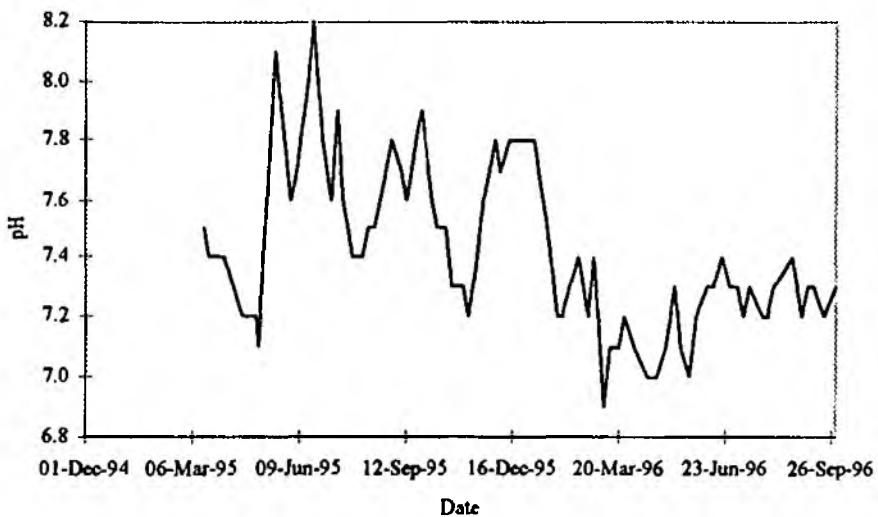


Figure 56 Redditch (Sperimental) STW

### N at Redditch(Spernal)STW



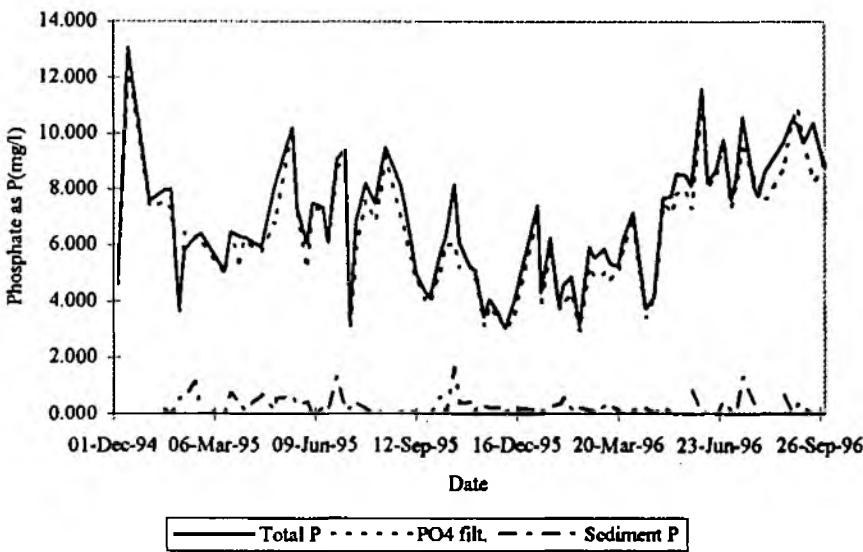
### pH at Redditch(Spernal)STW



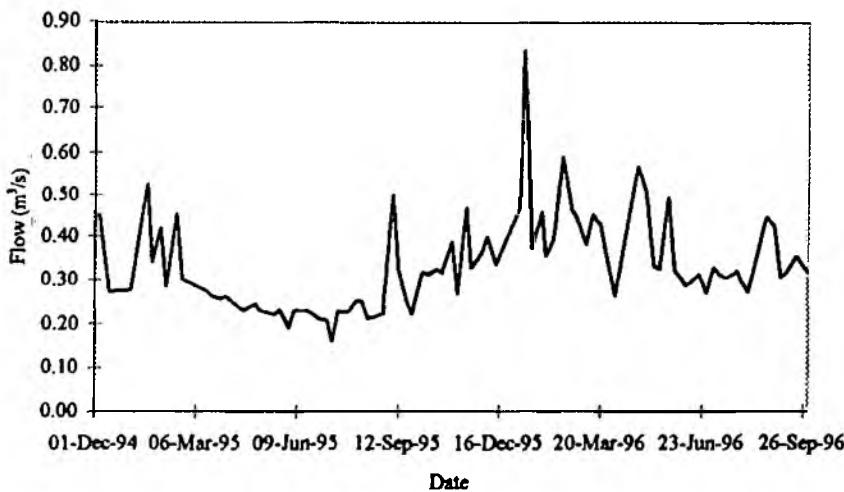
(Figure 56 cont.)

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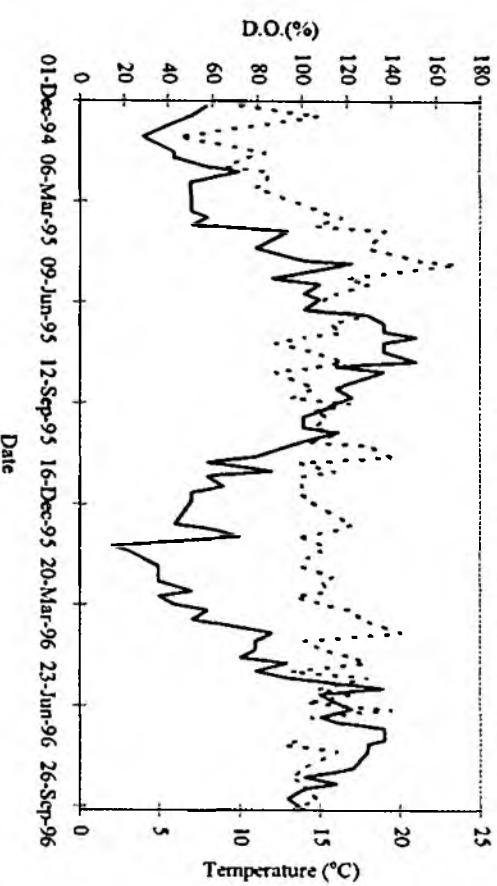
### P at Redditch(Sperial)STW



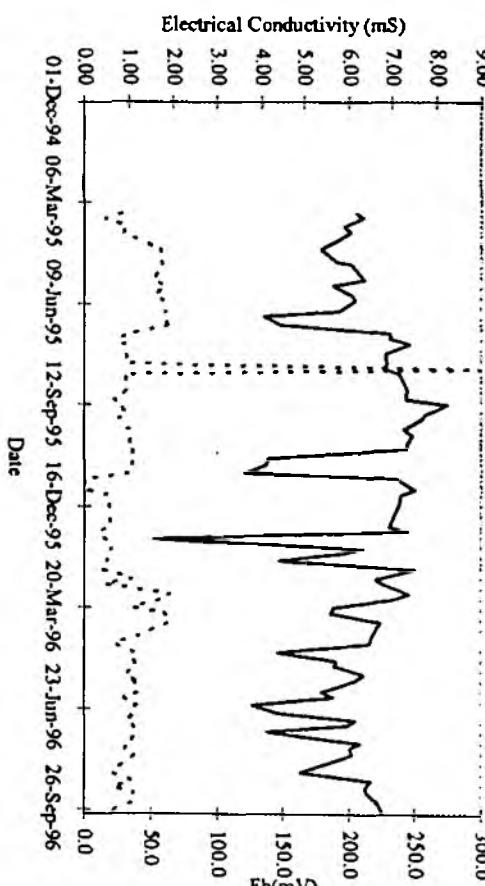
### Flow at Redditch(Sperial)STW



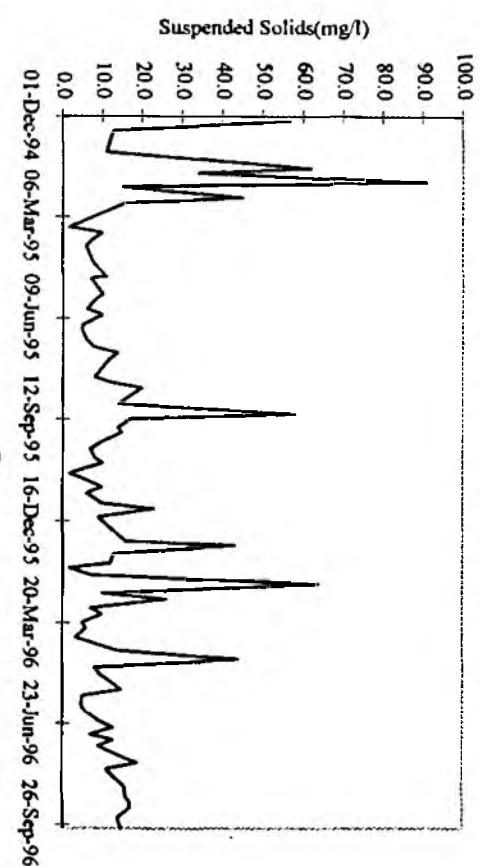
D.O. and Temperature at Coughton Ford(Arrow)



Electrical Conductivity and Eh at Coughton Ford(Arrow)



Suspended Solids at Coughton Ford(Arrow)



B.O.D. and C.O.D. at Coughton Ford(Arrow)

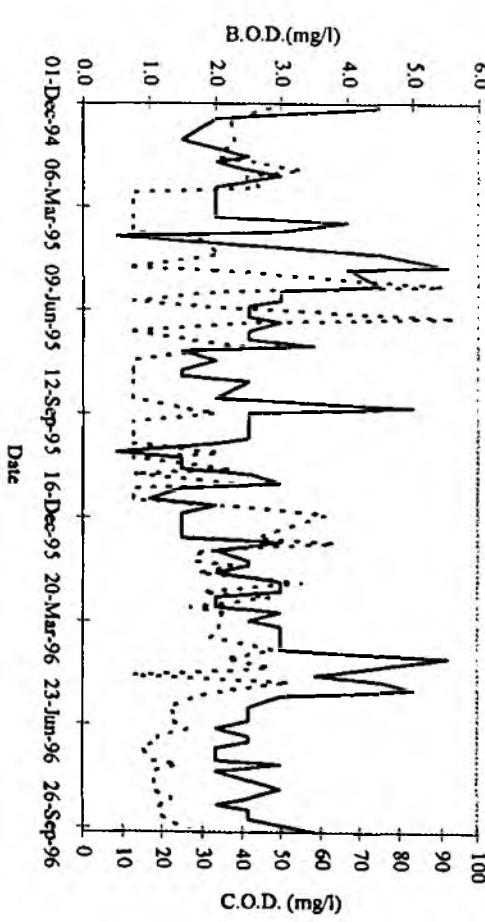
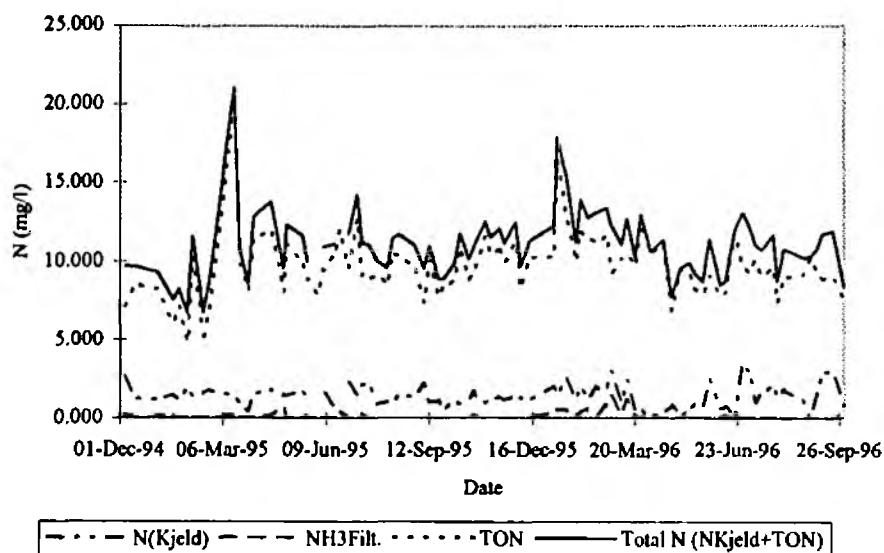
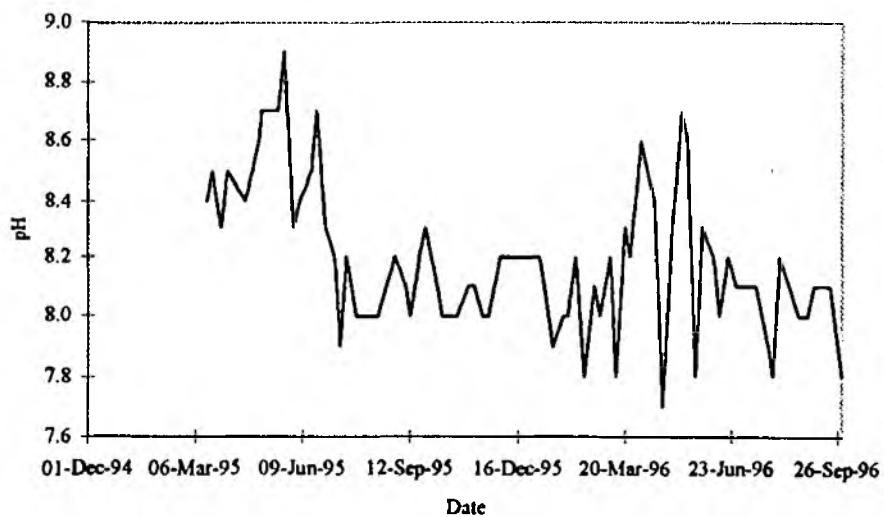


Figure 57 Coughton Ford (Arrow)

### N at Coughton Ford(Arrow)



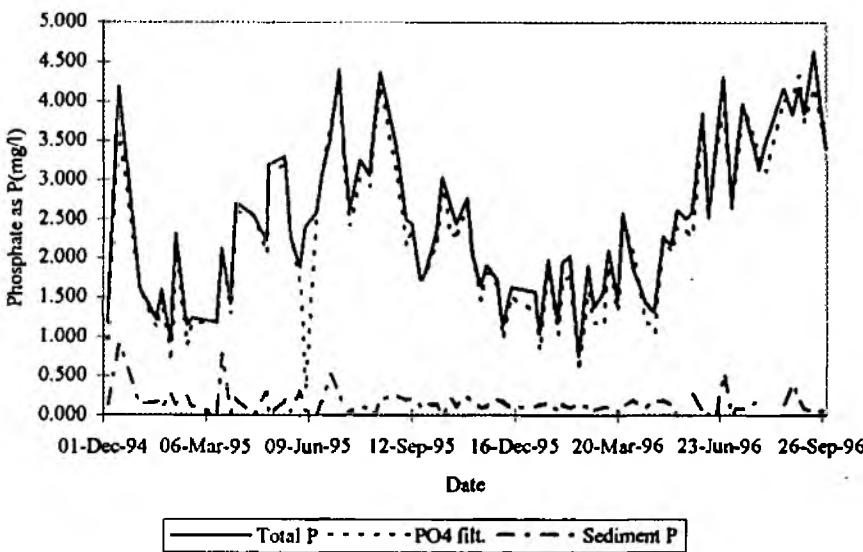
### pH at Coughton Ford(Arrow)



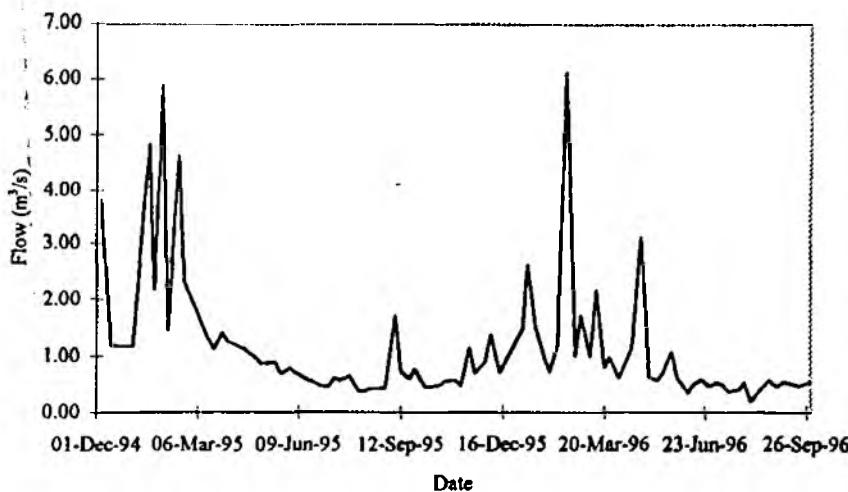
(Figure 57 cont.)

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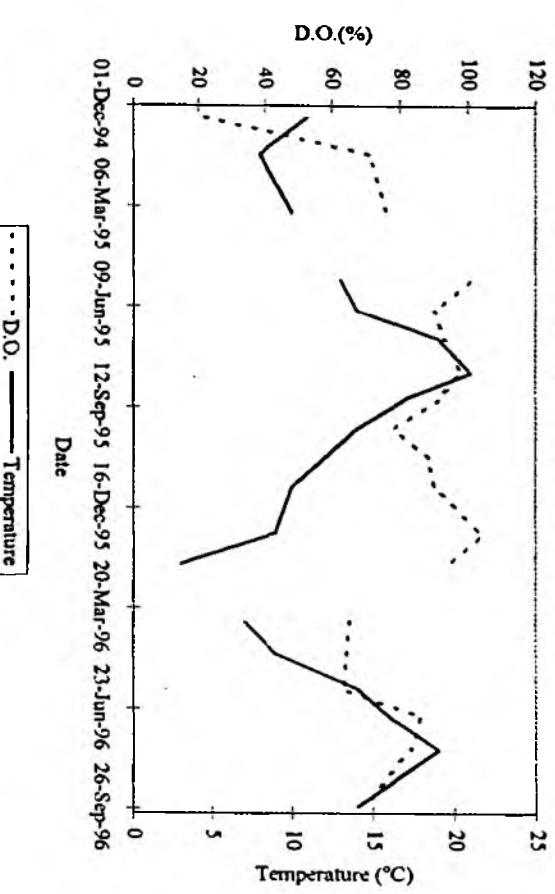
P at Coughton Ford(Arrow)



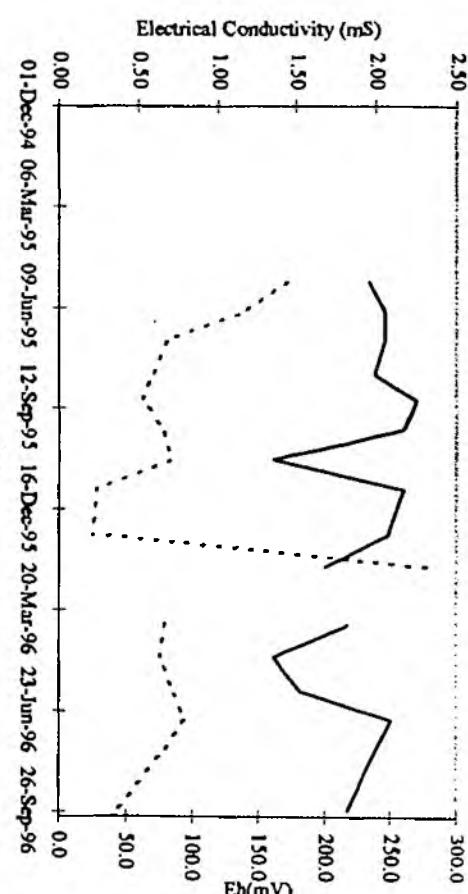
Flow at Coughton Ford(Arrow)



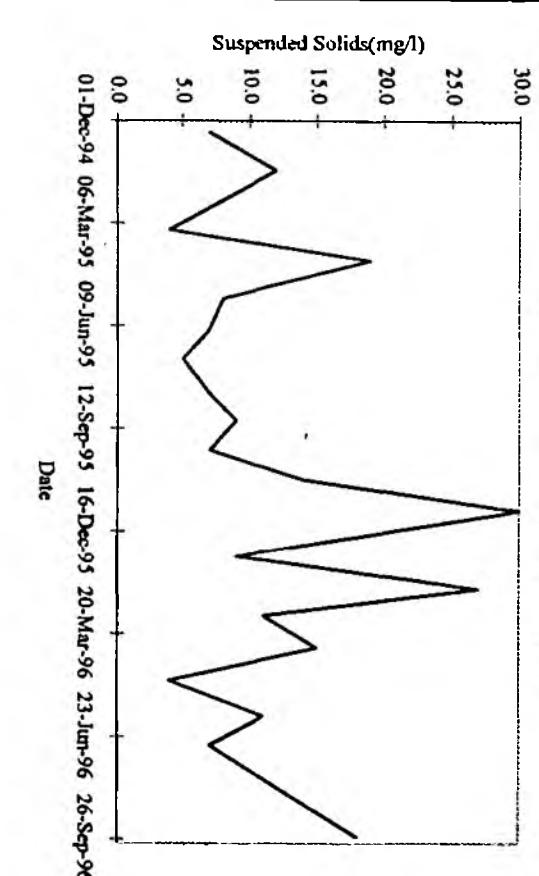
### D.O. and Temperature at Tanworth STW



### Electrical Conductivity and Eh at Tanworth STW



### Suspended Solids at Tanworth STW



### B.O.D. and C.O.D. at Tanworth STW

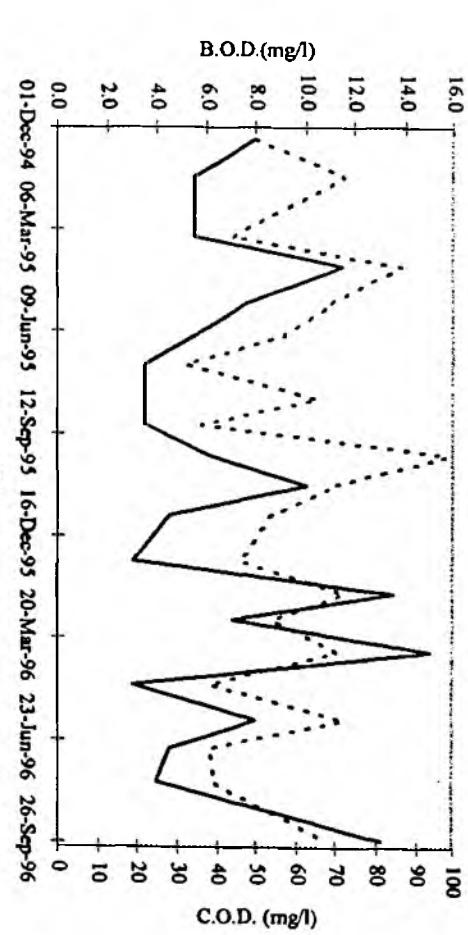
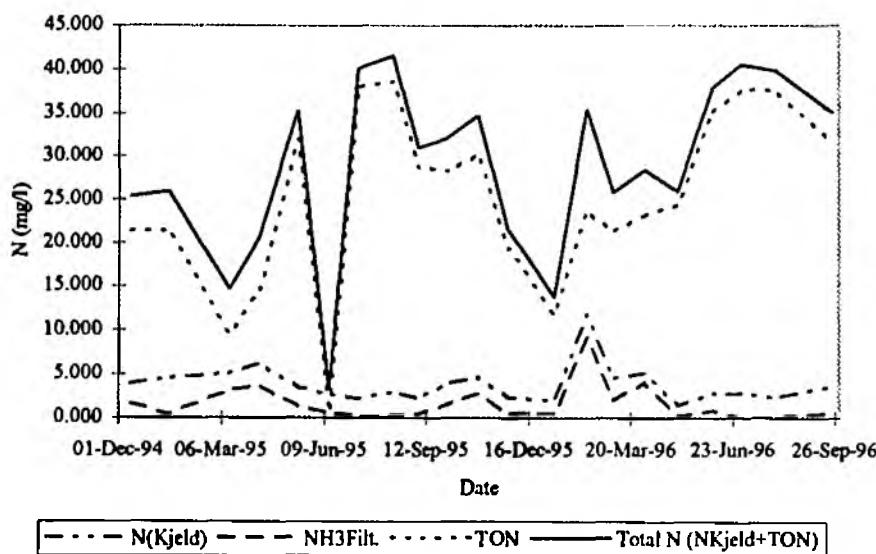
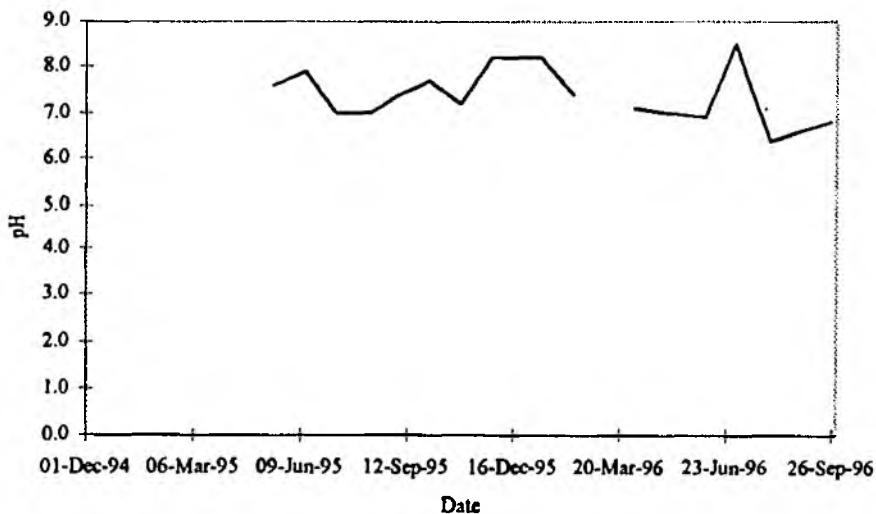


Figure 58 Tanworth STW

### N at Tanworth STW



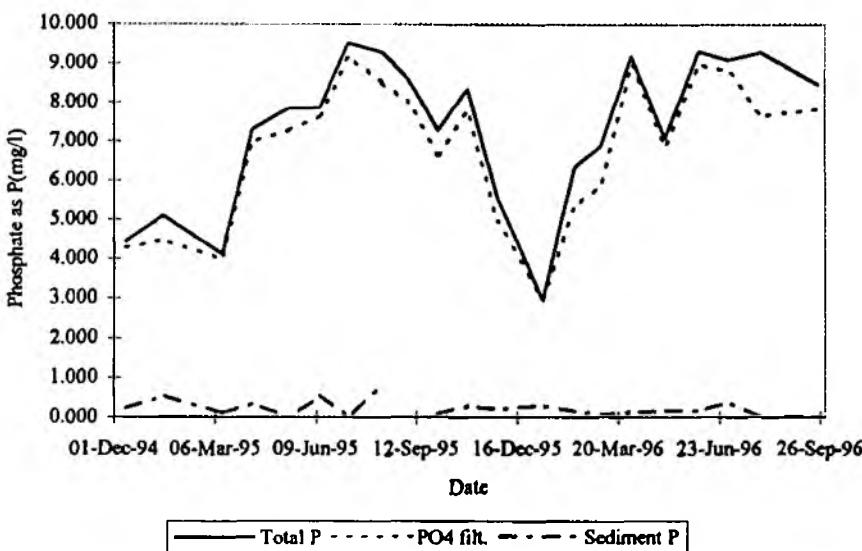
### pH at Tanworth STW



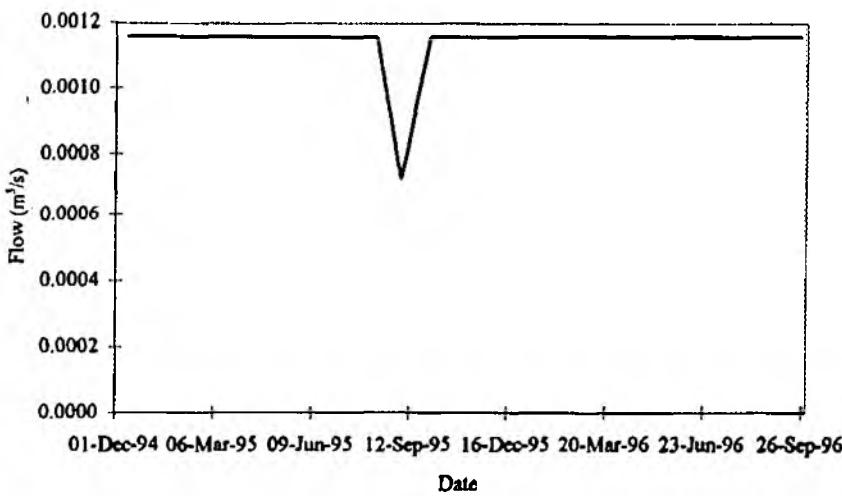
(Figure 58 cont.)

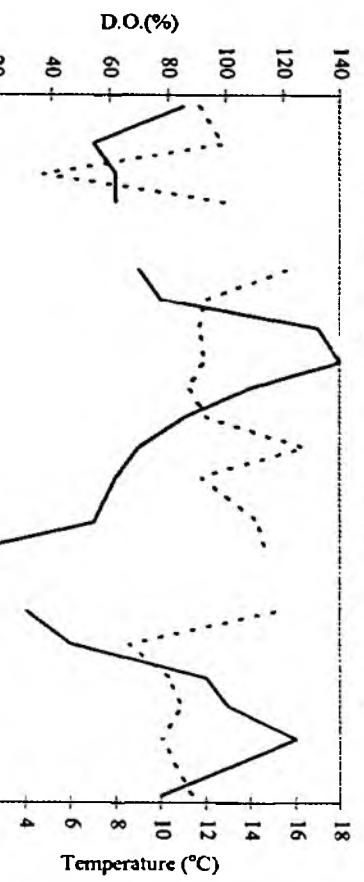
112

### P at Tanworth STW



### Flow at Tanworth STW

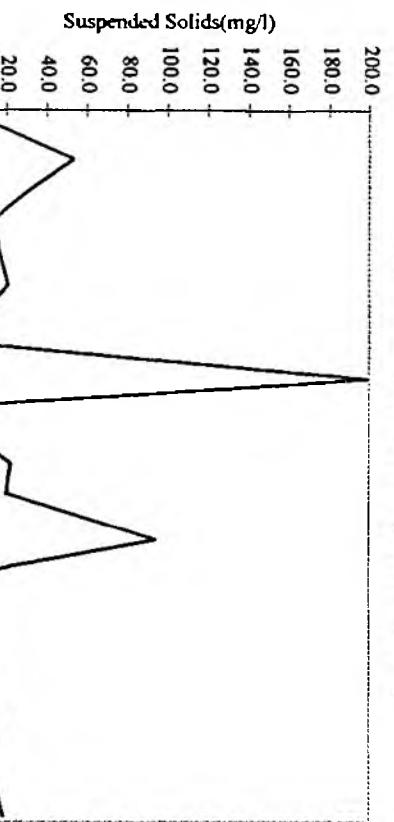




01-Dec-94 06-Mar-95 09-Jun-95 12-Sep-95 16-Dec-95 20-Mar-96 23-Jun-96 26-Sep-96

Date

..... D.O. — Temperature

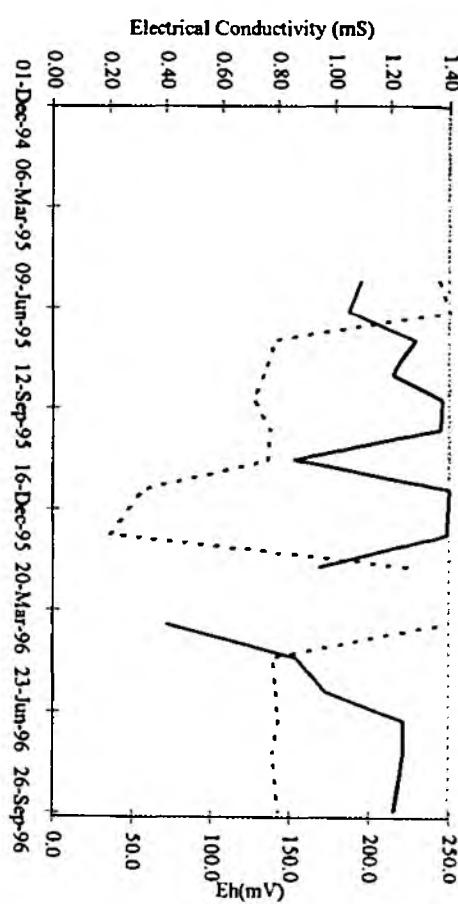


01-Dec-94 06-Mar-95 09-Jun-95 12-Sep-95 16-Dec-95 20-Mar-96 23-Jun-96 26-Sep-96

Date

— B.O.D. ..... C.O.D.

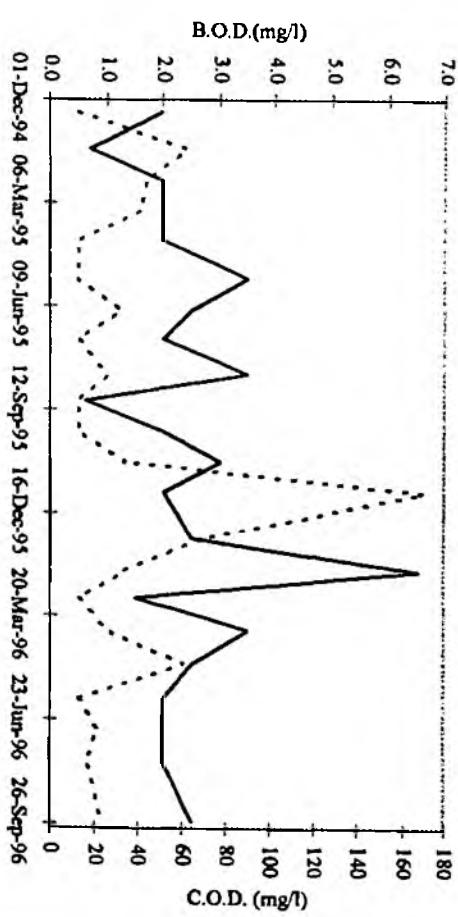
**Electrical Conductivity and Eh at Danzey Green (Aline)**



Date

..... Electrical Conductivity — Eh

**B.O.D. and C.O.D. at Danzey Green (Aline)**

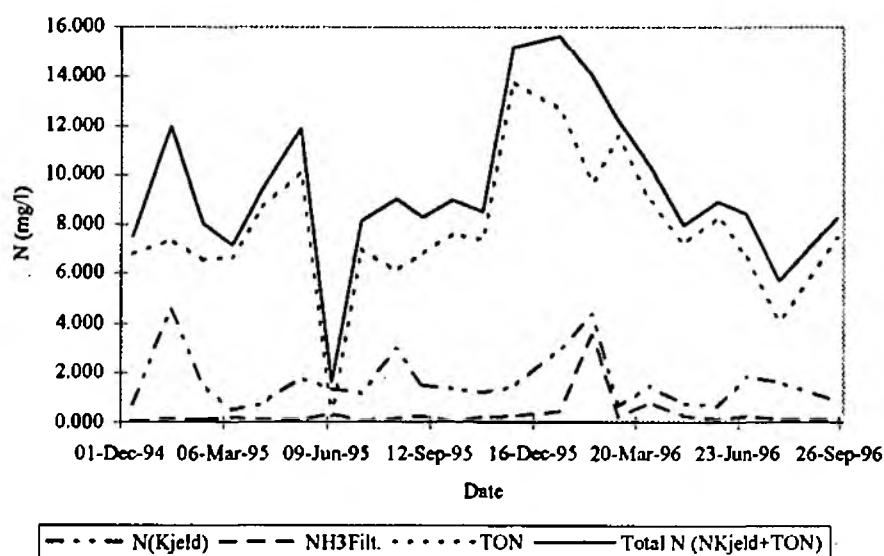


Date

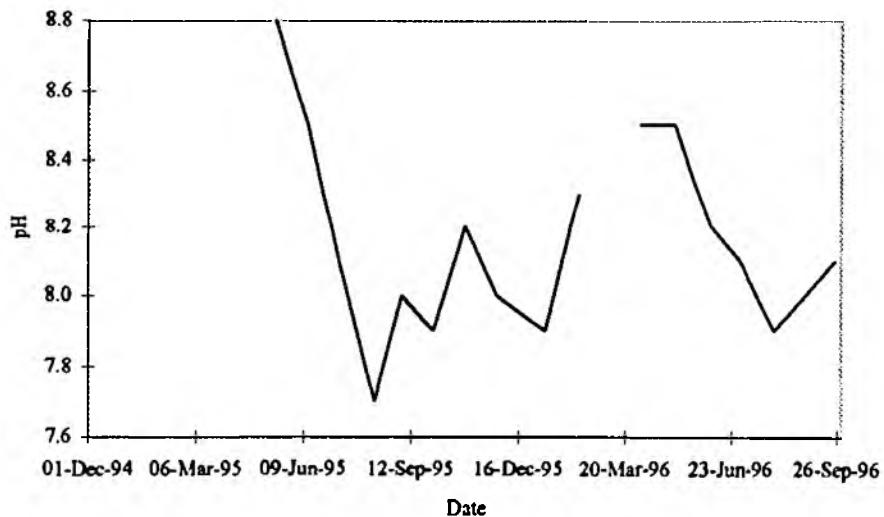
— B.O.D. ..... C.O.D.

Figure 59 Danzey Green (Aline)

### N at Danzey Green (Alne)



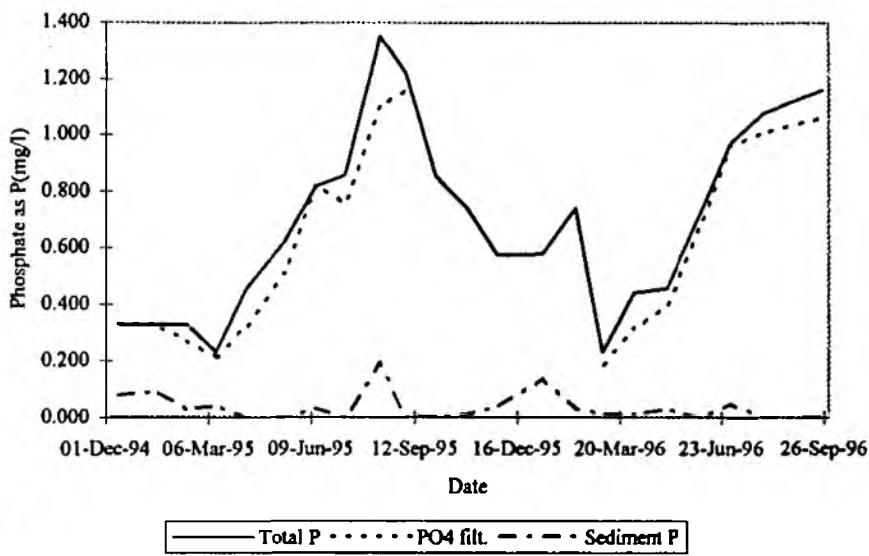
### pH at Danzey Green (Alne)



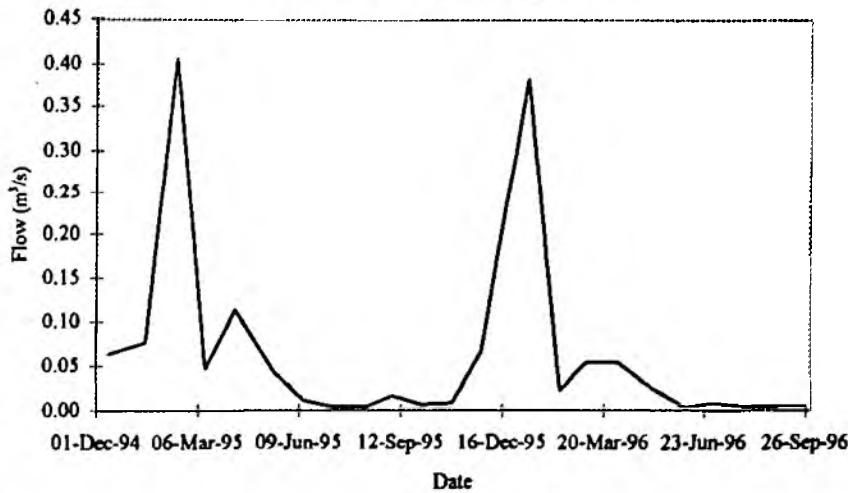
(Figure 59 cont.)

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### P at Danzey Green (Alne)



### Flow at Danzey Green (Alne)



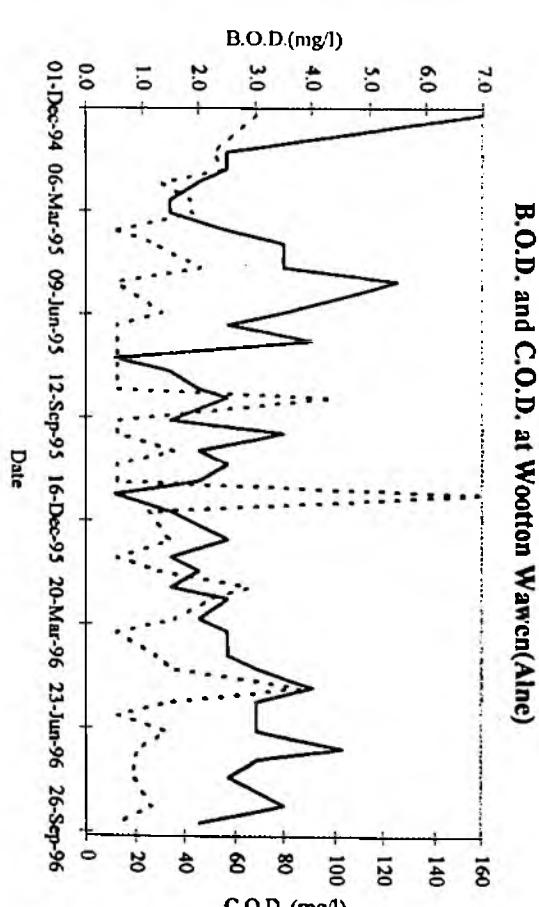
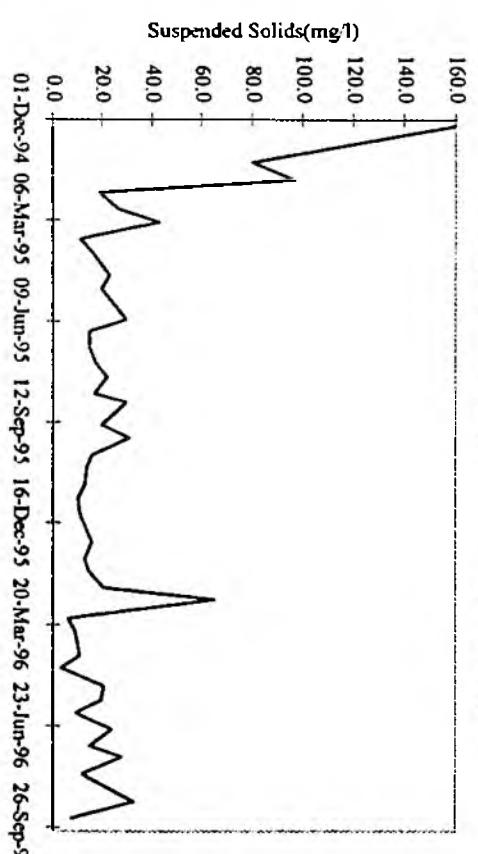
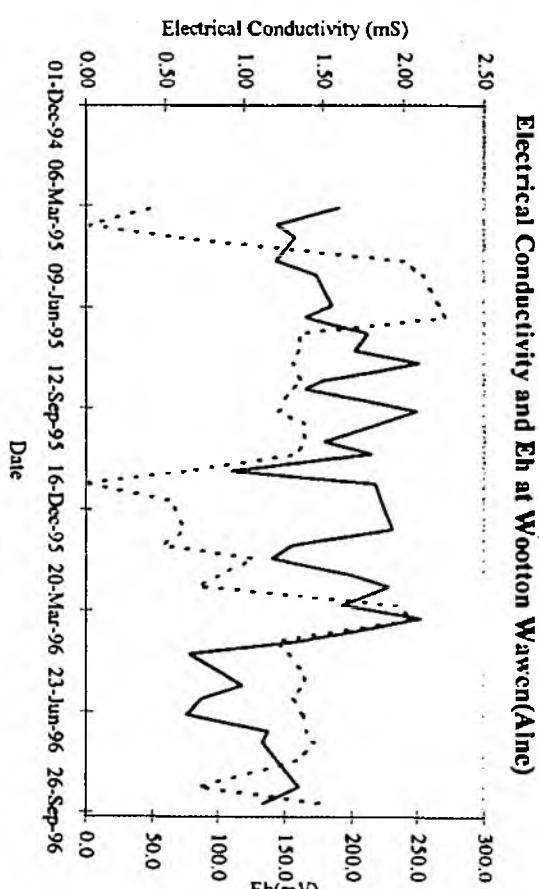
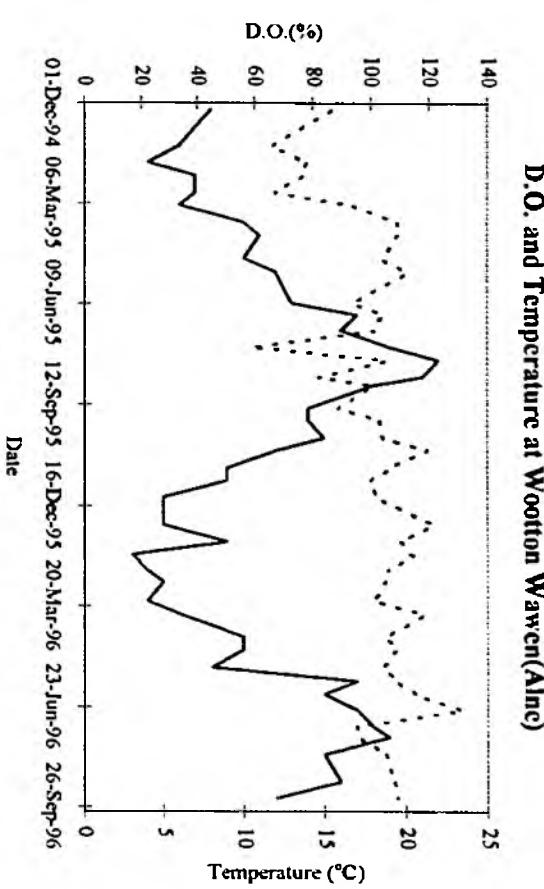
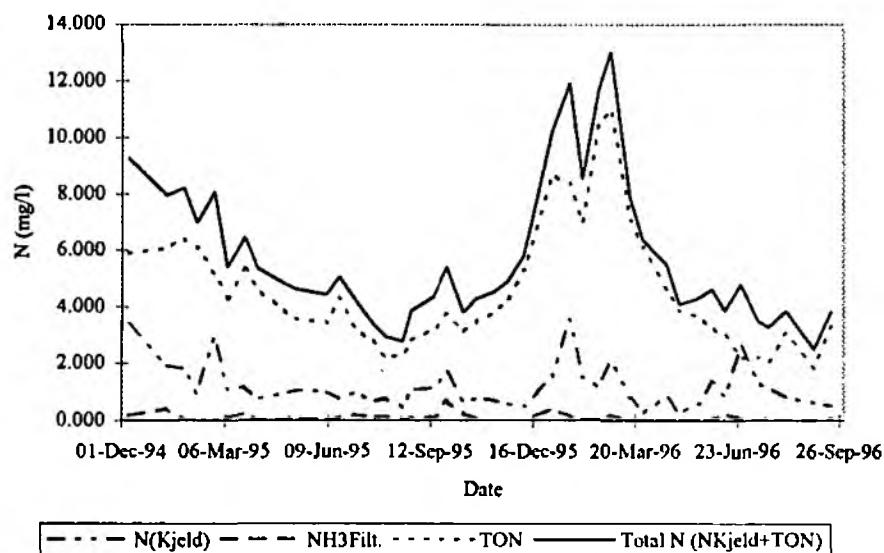
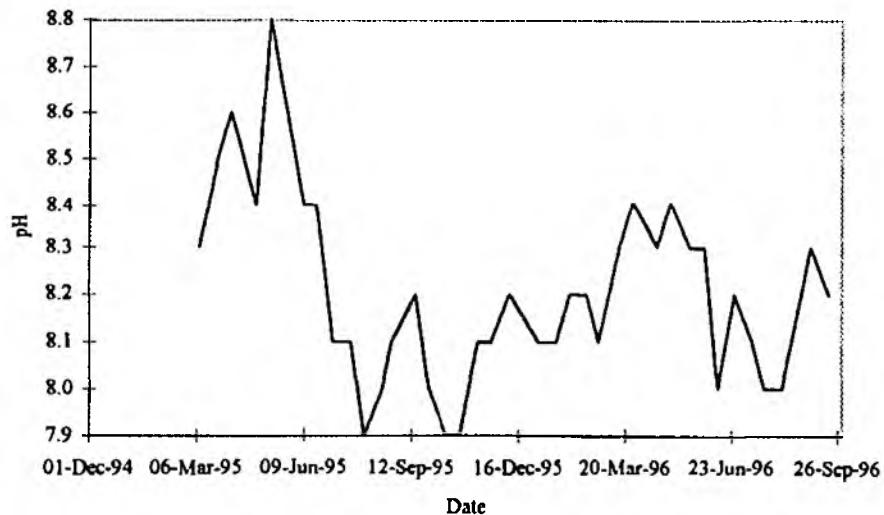


Figure 60 Woottton Wawen (Alne)

### N at Wootton Wawen(Ainc)



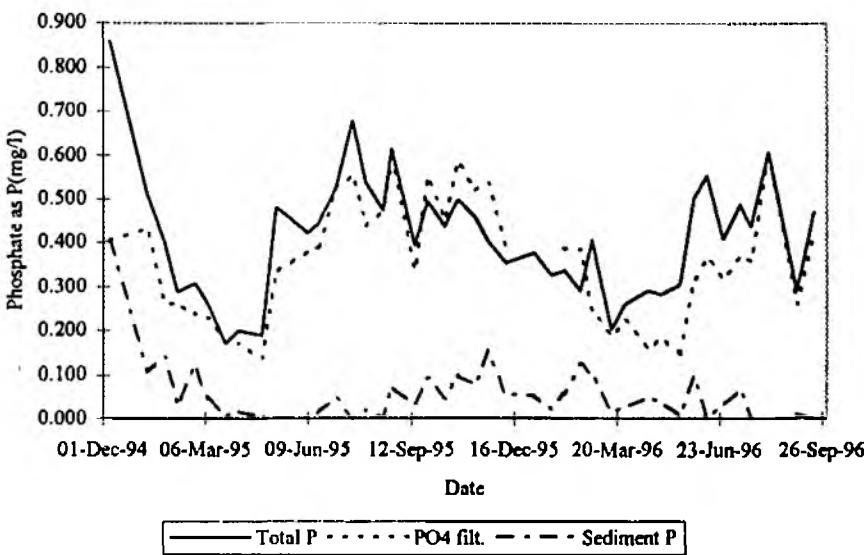
### pH at Wootton Wawen(Ainc)



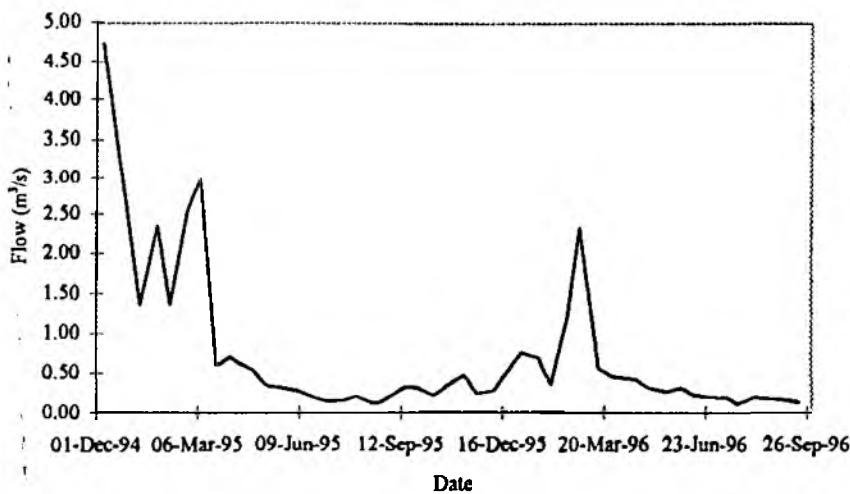
(Figure 60 cont.)

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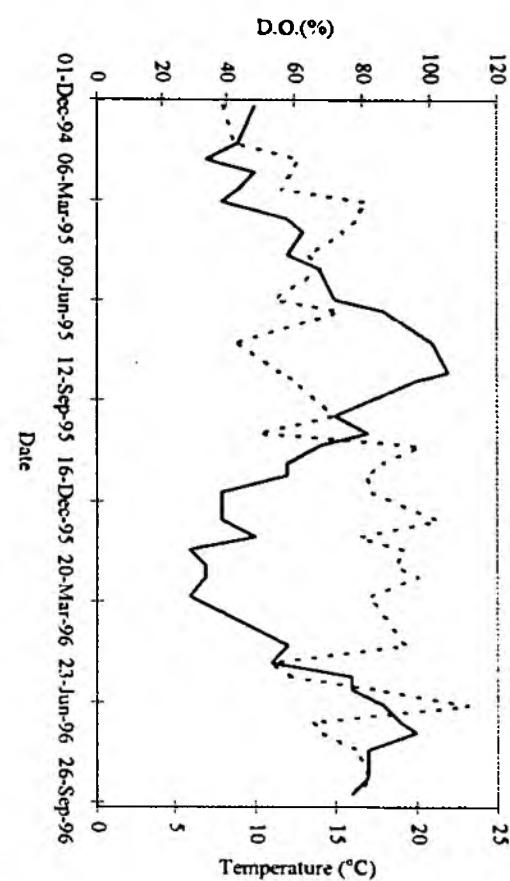
### P at Wootton Wawen(Alne)



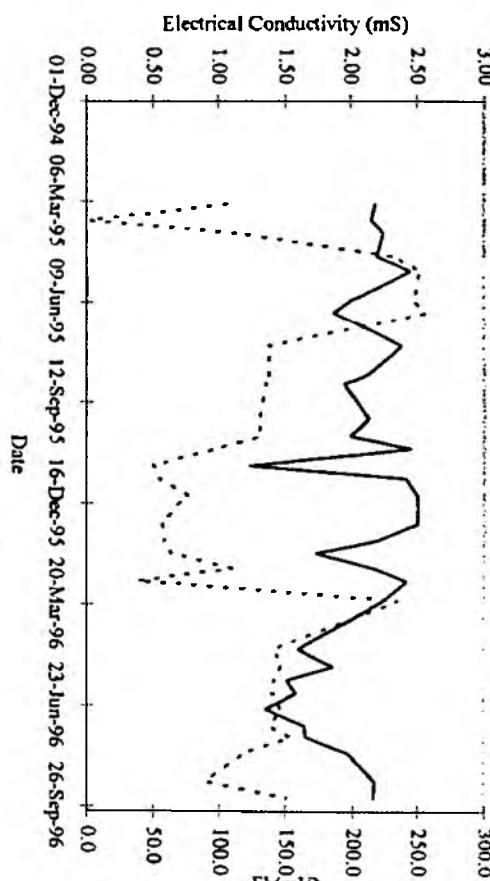
### Flow at Wootton Wawen(Alne)



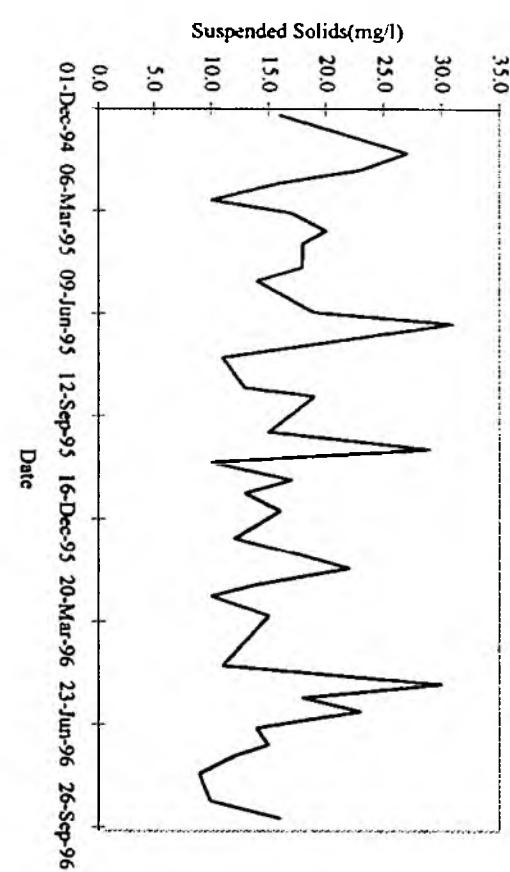
D.O. and Temperature at Wootton Wawen STW



Electrical Conductivity and Eh at Wootton Wawen STW



Suspended Solids at Wootton Wawen STW



B.O.D. and C.O.D. at Wootton Wawen STW

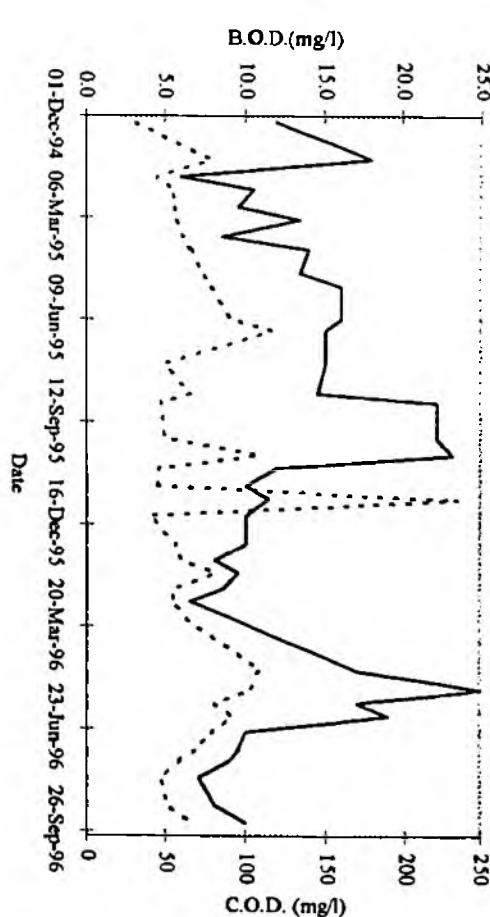
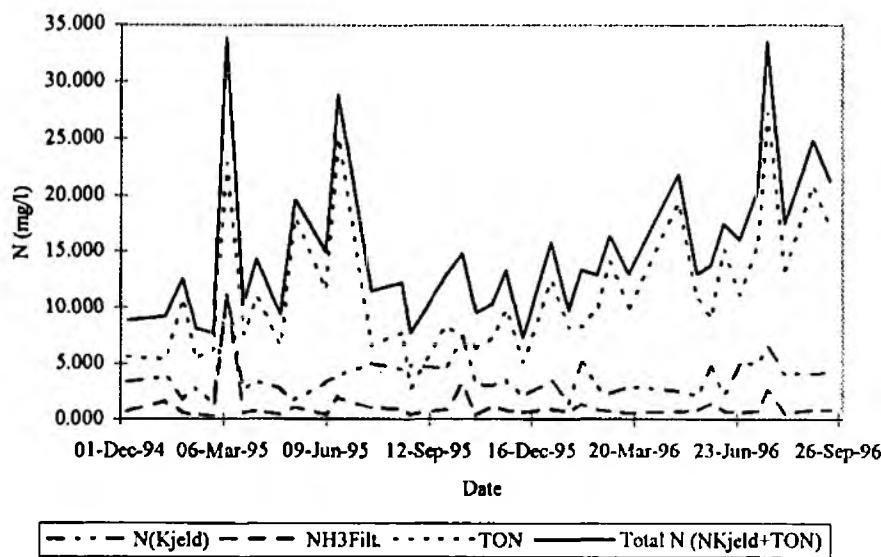
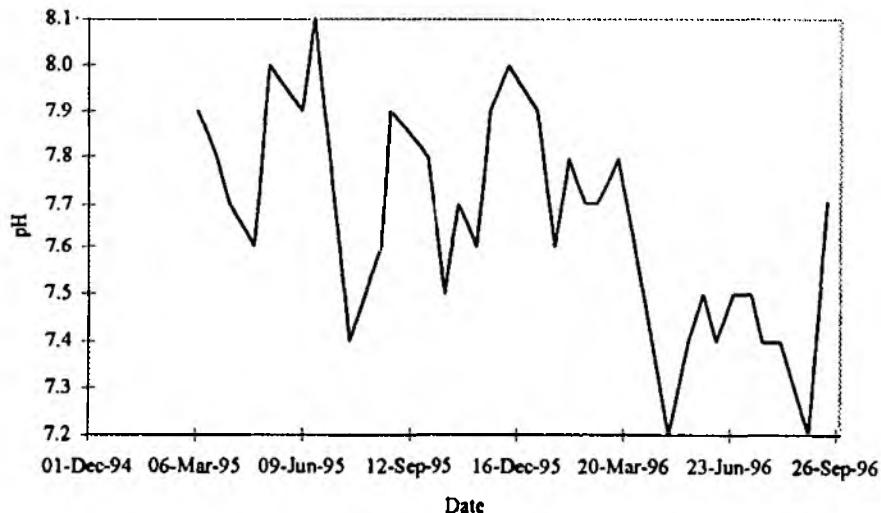


Figure 61 Wootton Wawen STW

### N at Wootton Wawen STW



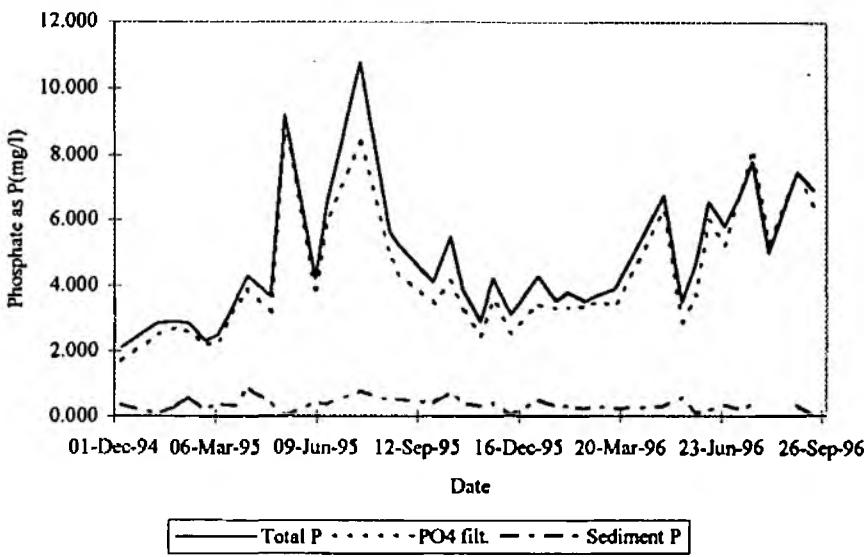
### pH at Wootton Wawen STW



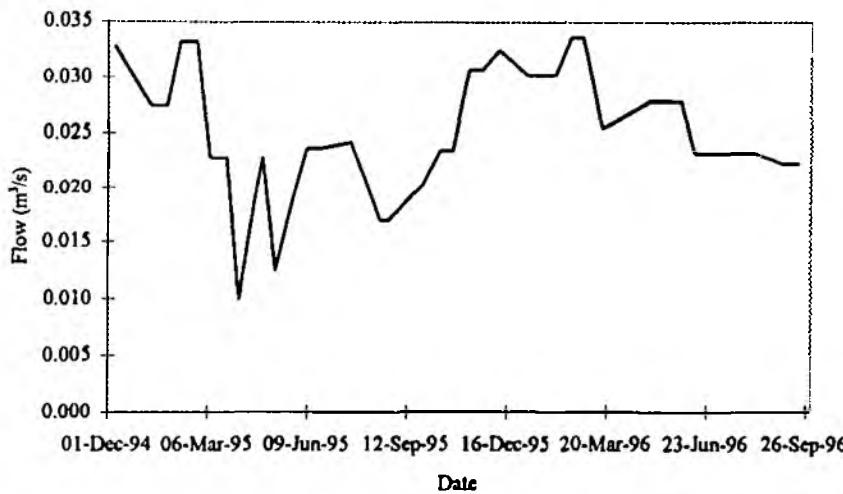
(Figure 61 cont.)

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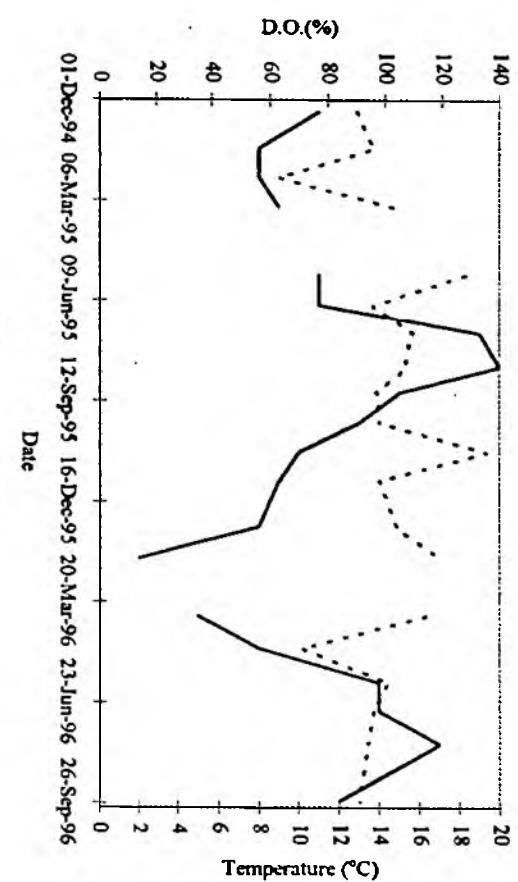
### P at Wootton Wawen STW



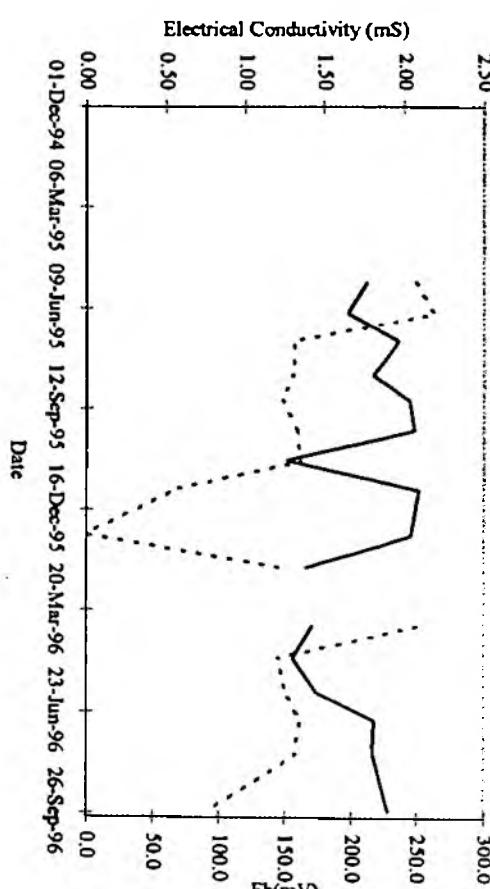
### Flow at Wootton Wawen STW



D.O. and Temperature at Little Alne(Alne)



Electrical Conductivity and Eh at Little Alne(Alne)



Suspended Solids at Little Alne(Alne)

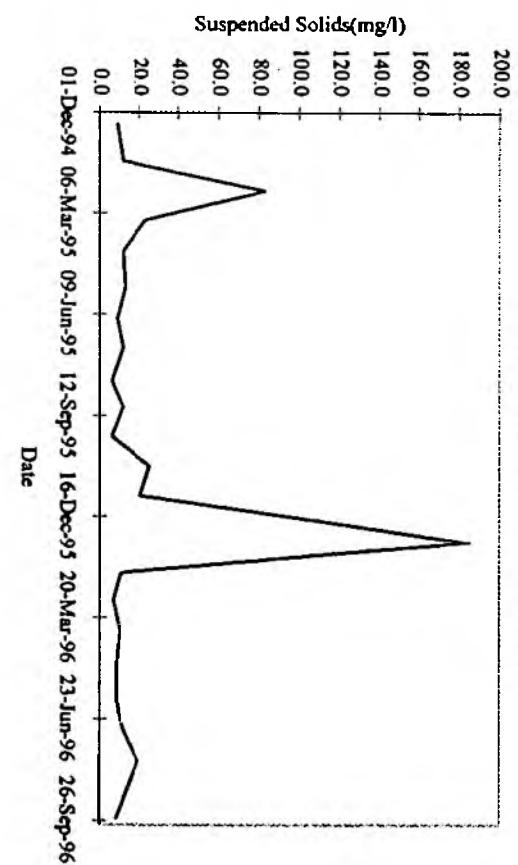
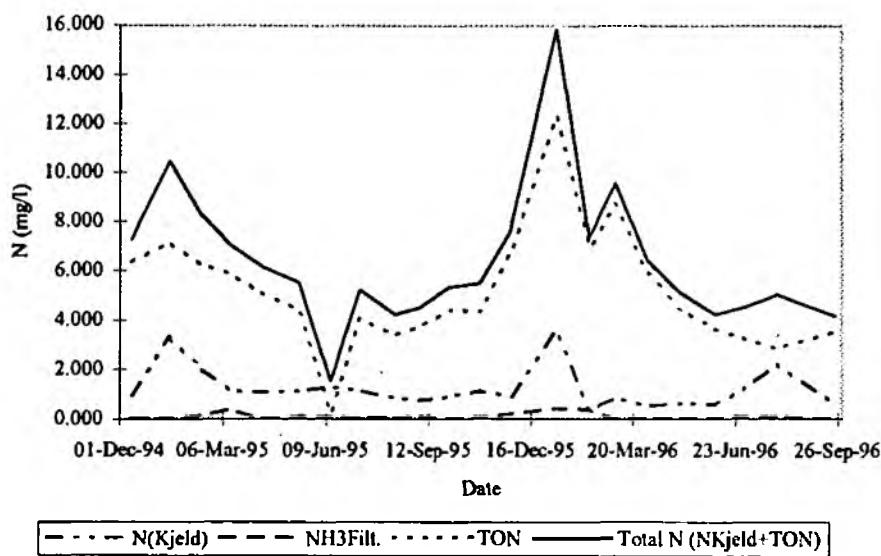
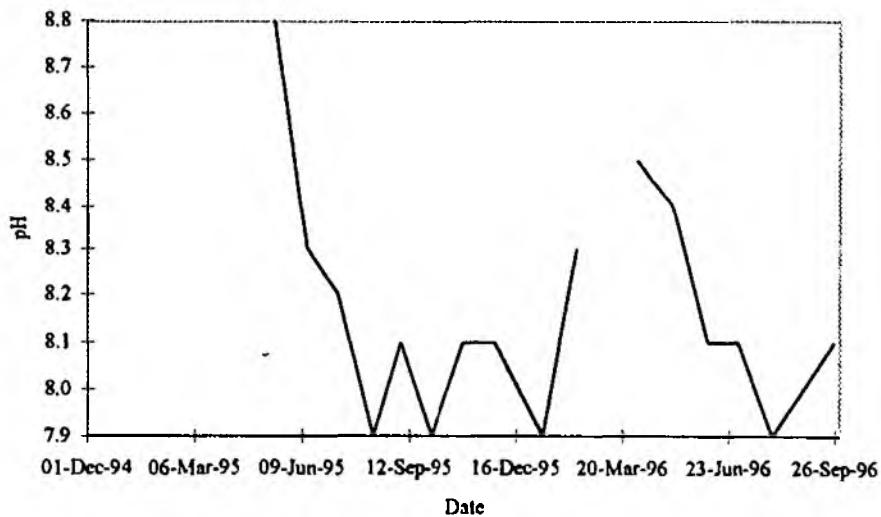


Figure 62 Little Alne (Alne)

### N at Little Alne(Alne)



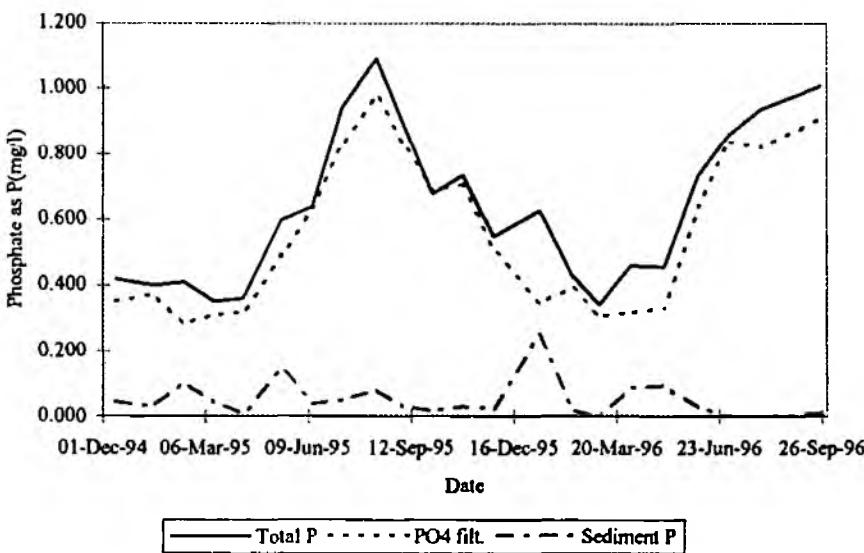
### pH at Little Alne(Alne)



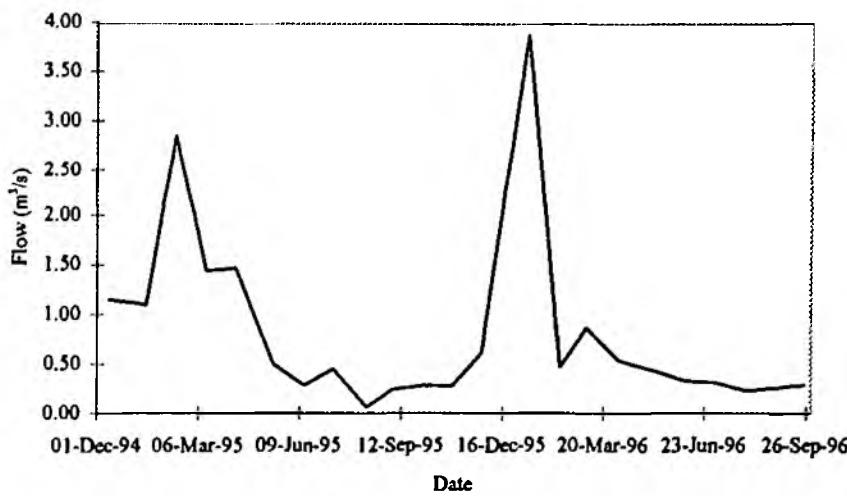
(Figure 62 cont.)

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### P at Little Alne(Alne)



### Flow at Little Alne(Alne)



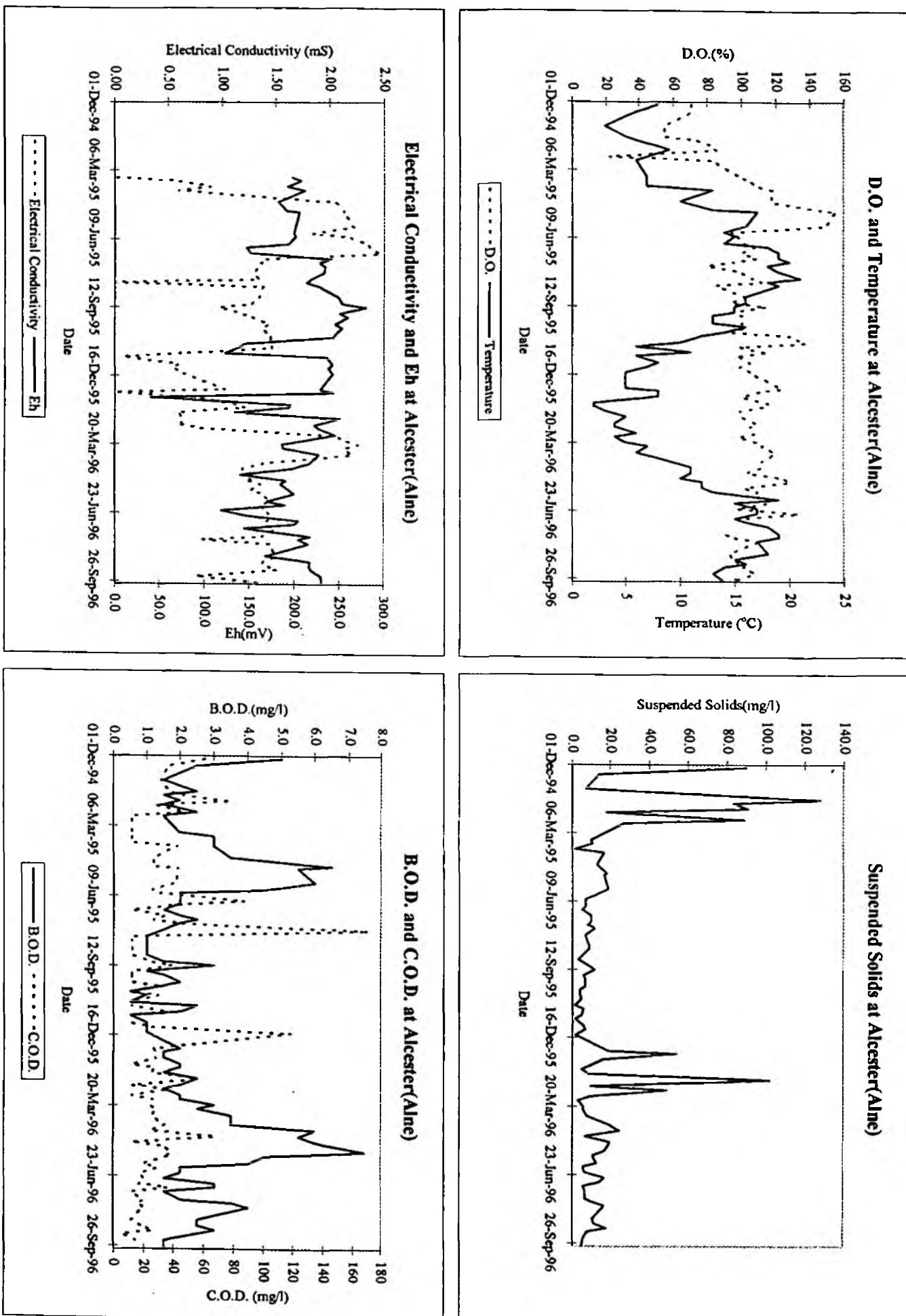
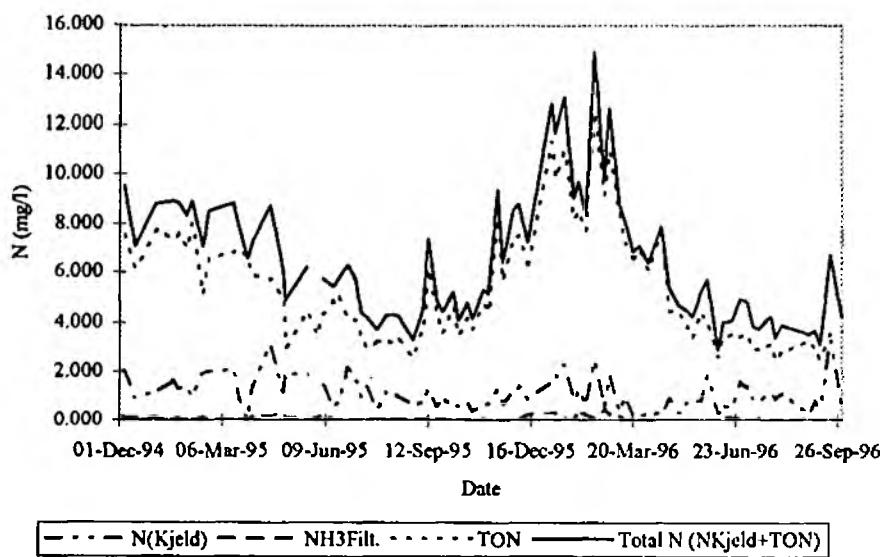
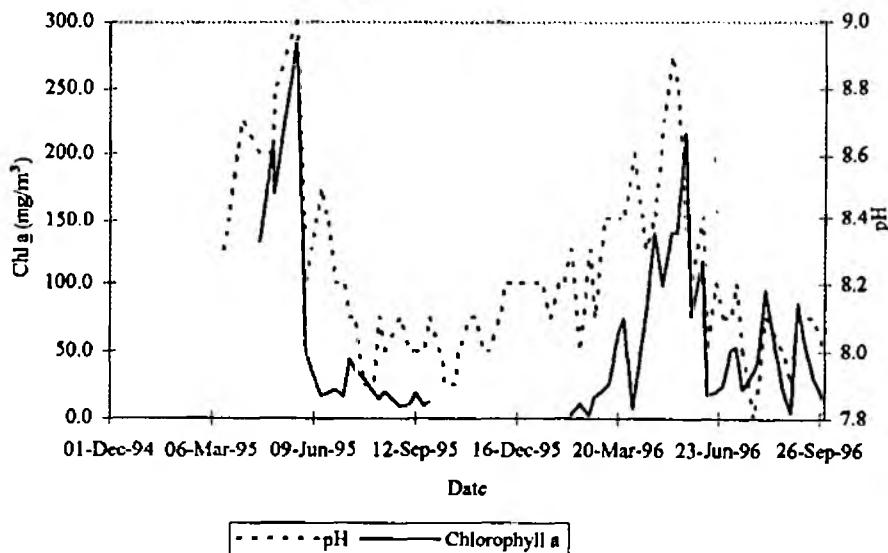


Figure 63 Alcester (Alne)

### N at Alcester(Ainc)



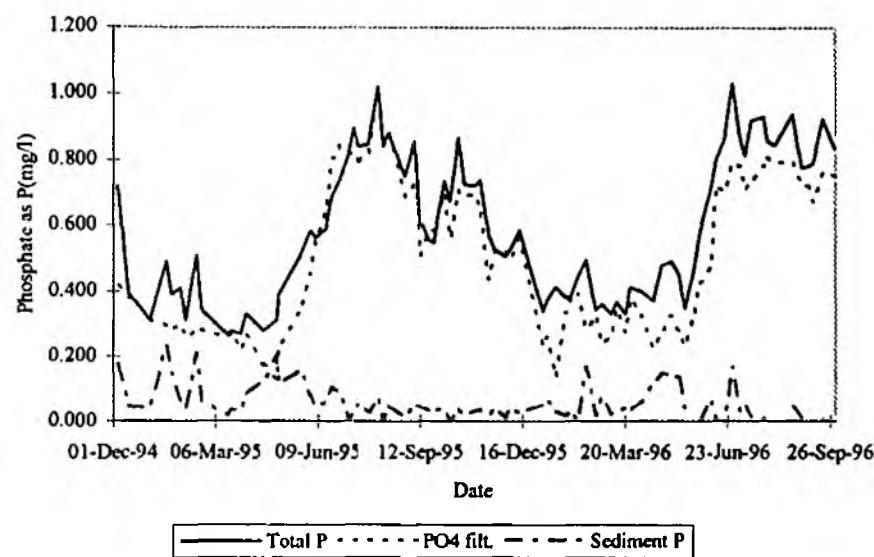
### Chlorophyll a and pH at Alcester(Ainc)



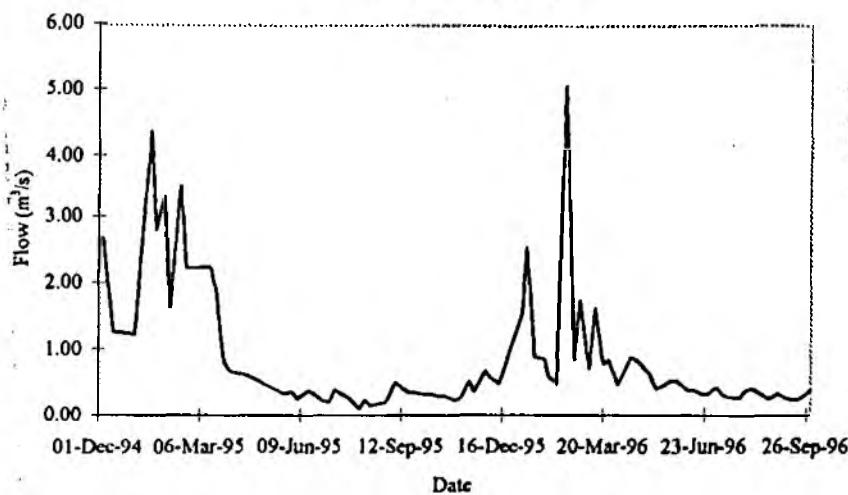
(Figure 63 cont.)

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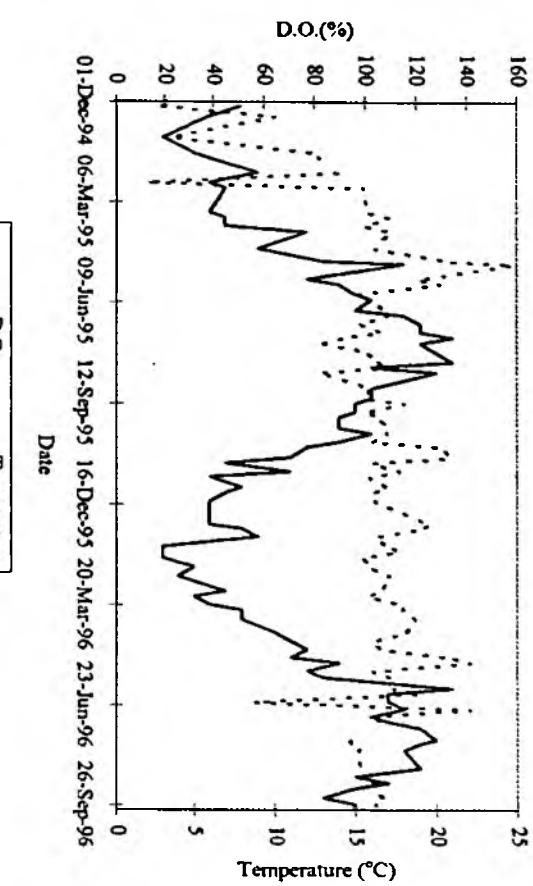
P at Alcester(Aine)



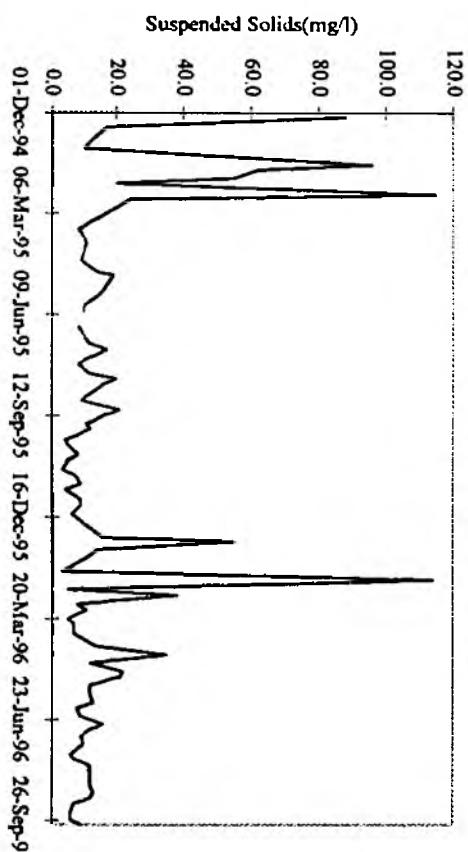
Flow at Alcester(Aine)



D.O. and Temperature at Broom(Arrow)



Suspended Solids at Broom(Arrow)



B.O.D. and C.O.D. at Broom(Arrow)

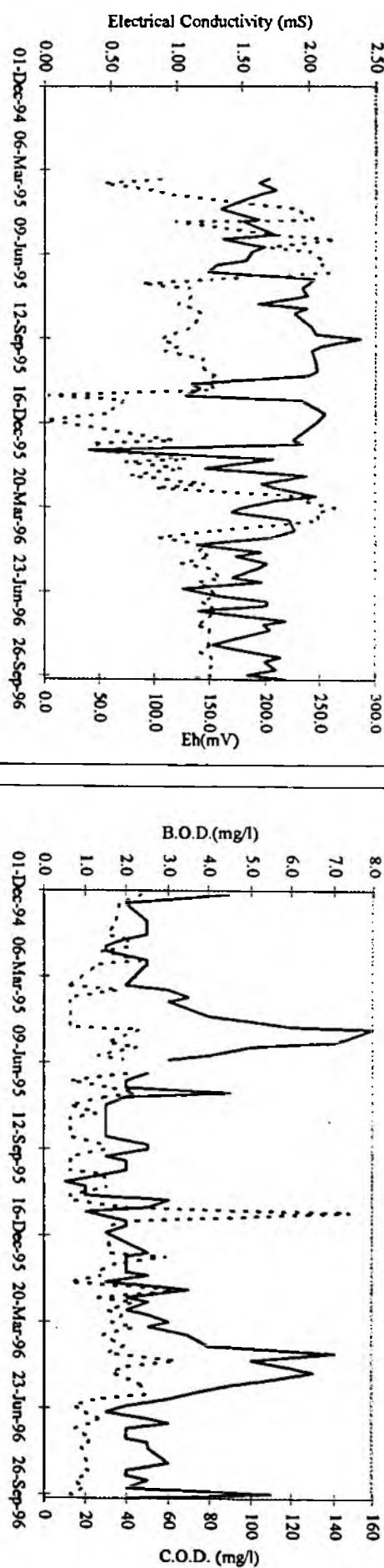
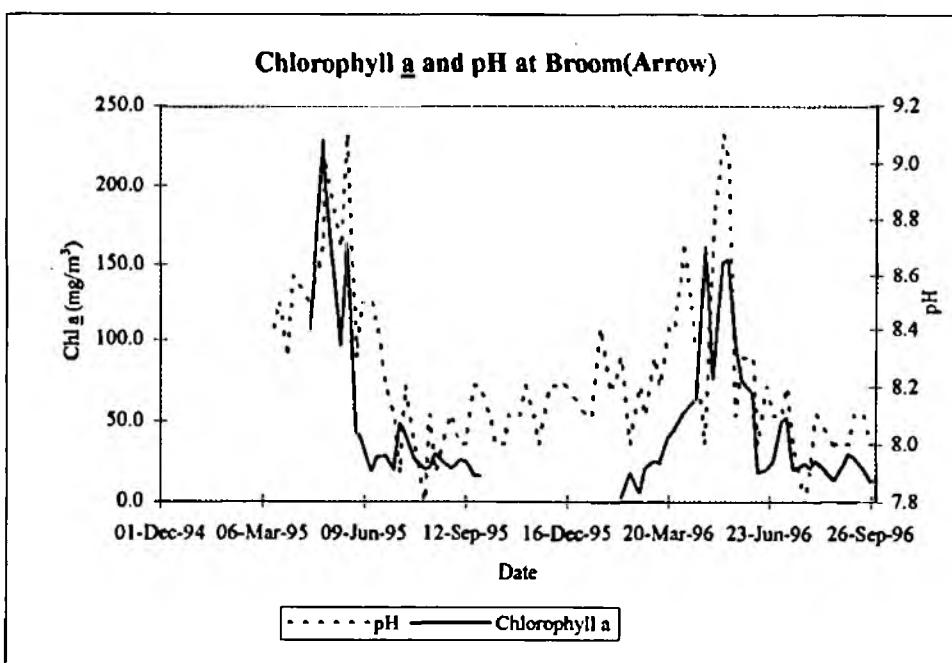
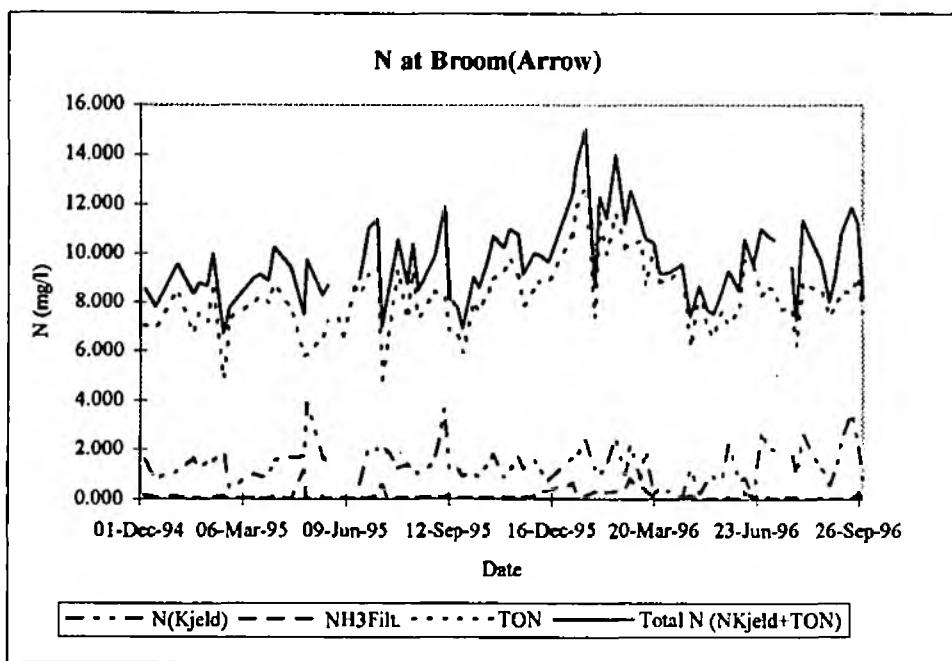


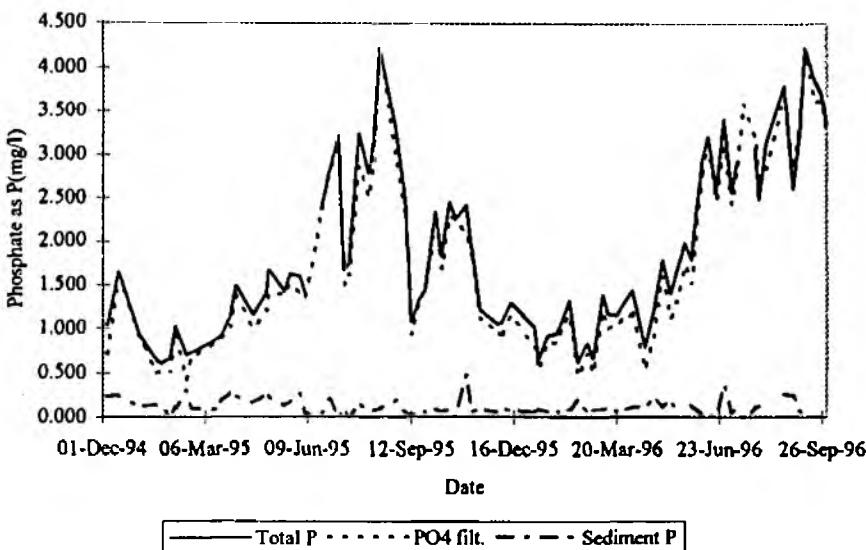
Figure 64 Broom (Arrow)



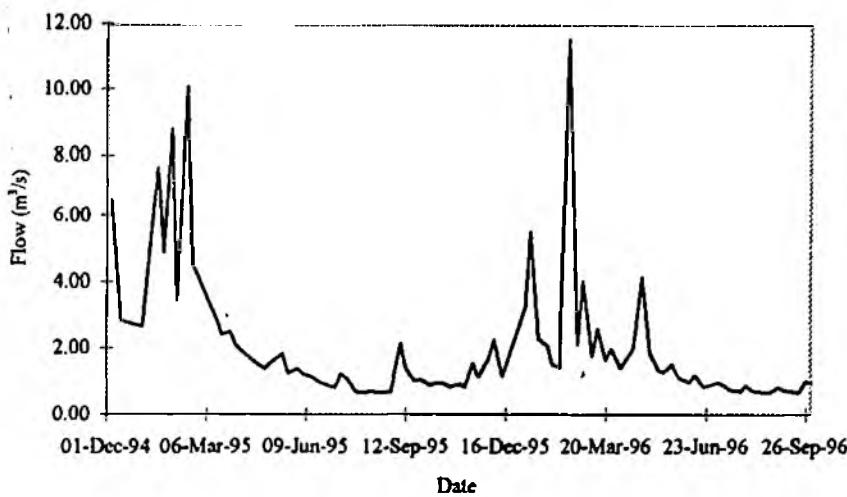
(Figure 64 cont.)

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P at Broom(Arrow)



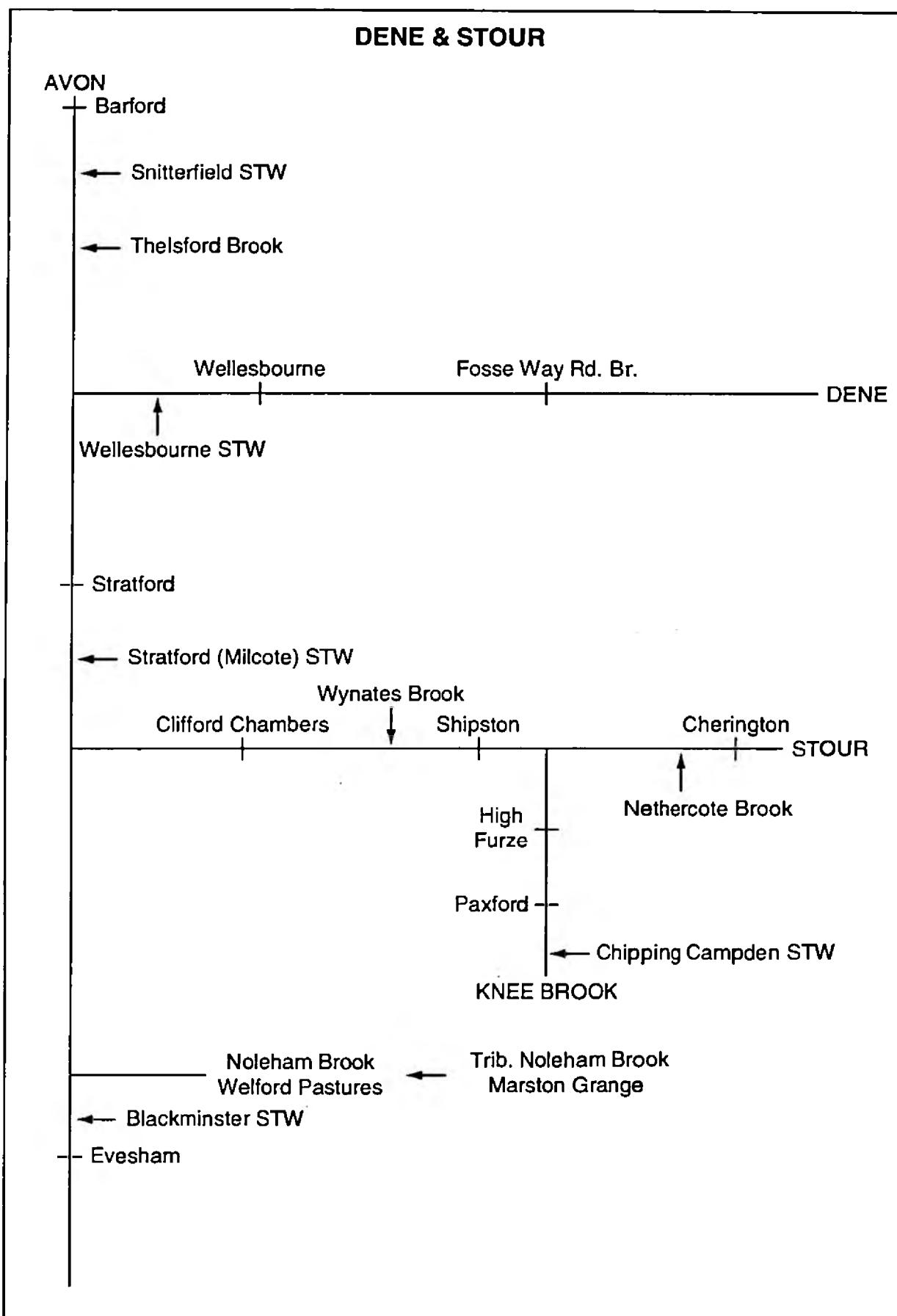
Flow at Broom(Arrow)



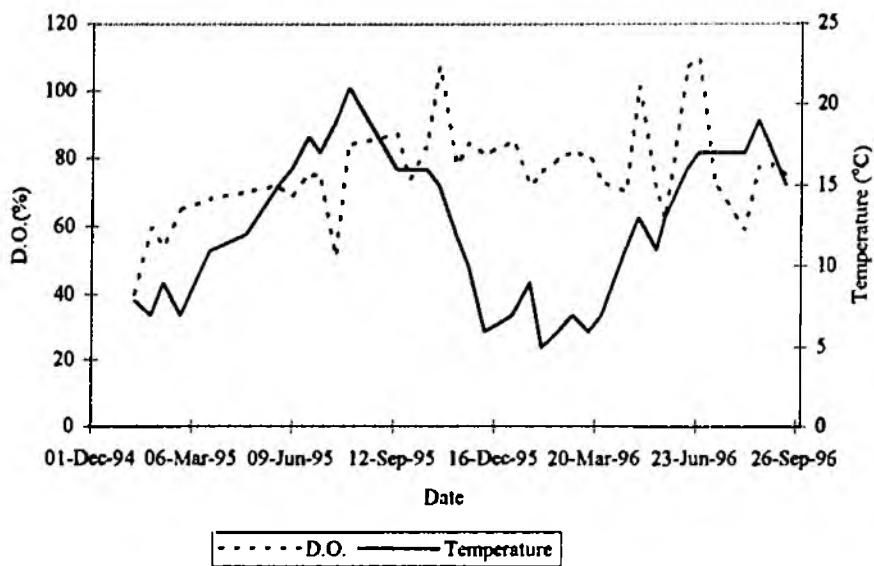
## **Appendix 1e**

### **The Rivers Dene and Stour and the middle Avon sub-catchments**

Figure 65 Site Location Map for the rivers Stour and Dene and their sub-catchments



### D.O. and Temperature at Snitterfield STW



### Electrical Conductivity and Eh at Snitterfield STW

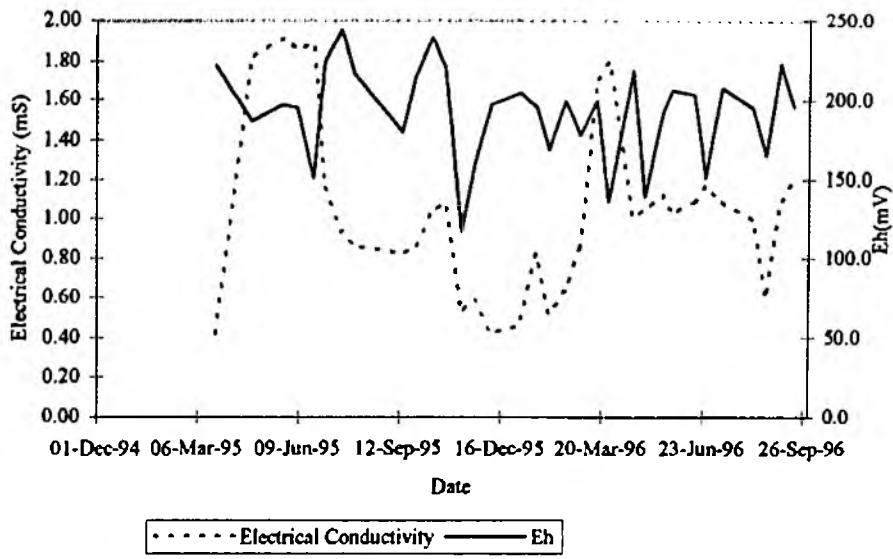
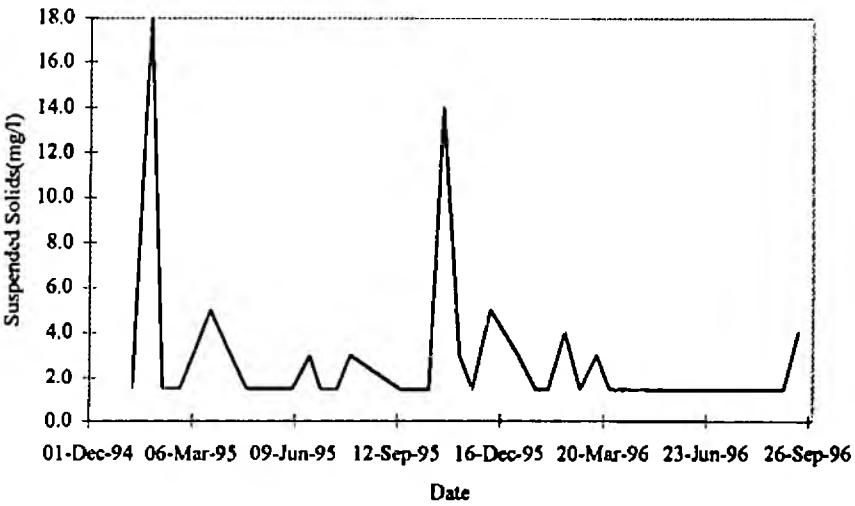


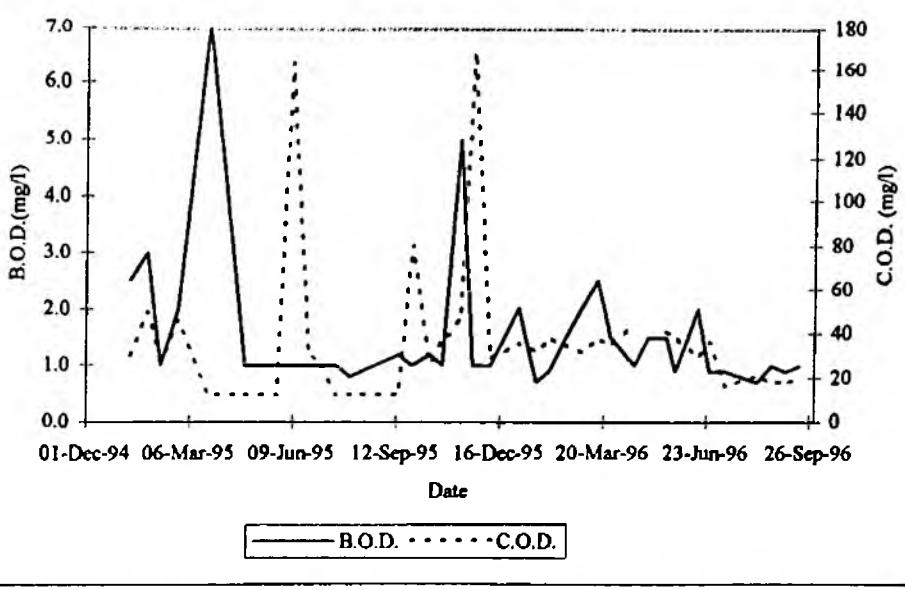
Figure 66 Snitterfield STW

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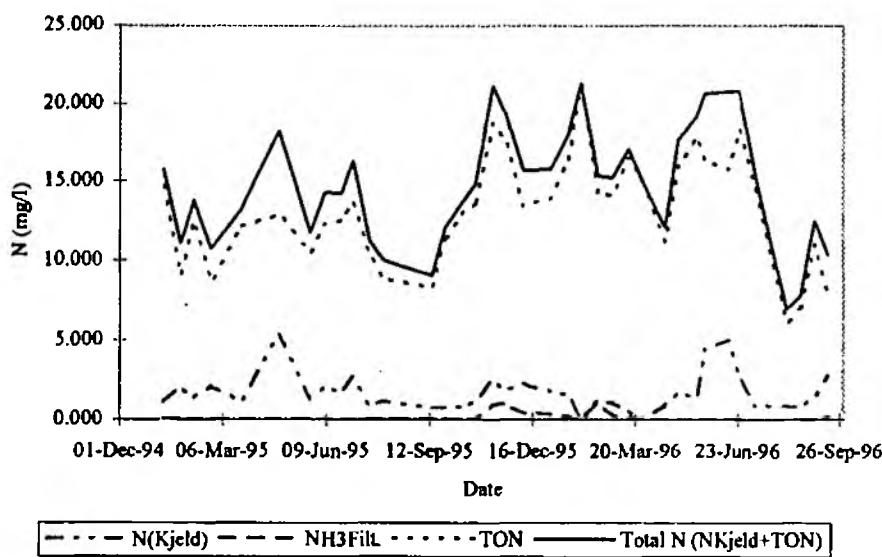
### Suspended Solids at Snitterfield STW



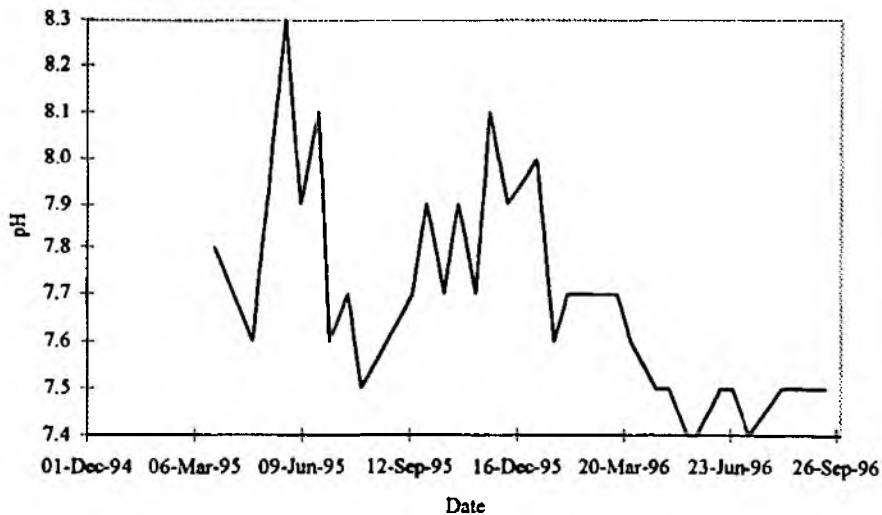
### B.O.D. and C.O.D. at Snitterfield STW



### N at Snitterfield STW



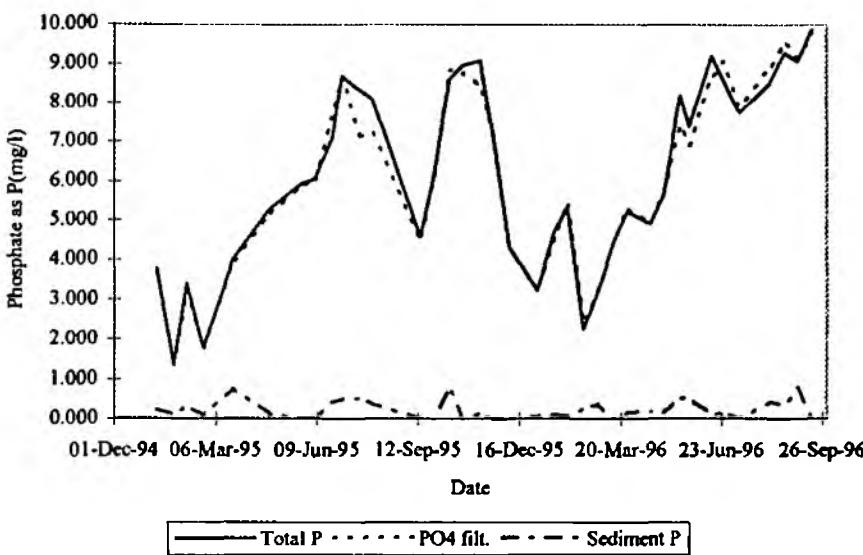
### pH at Snitterfield STW



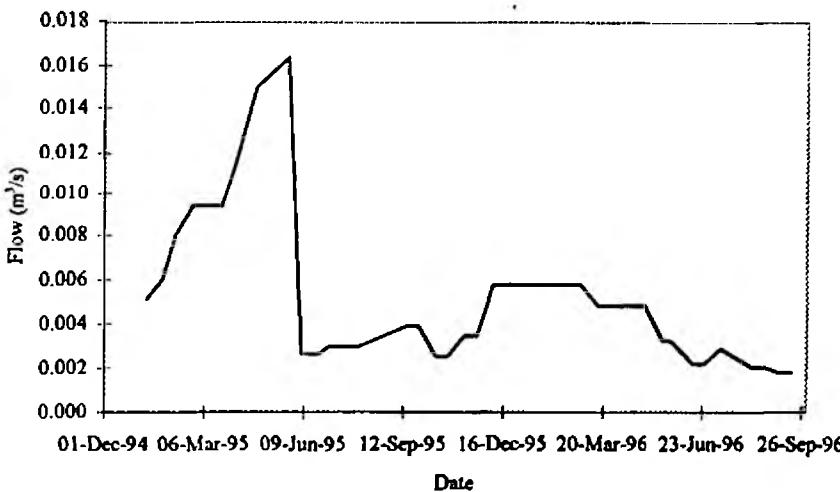
(Figure 66 cont.)

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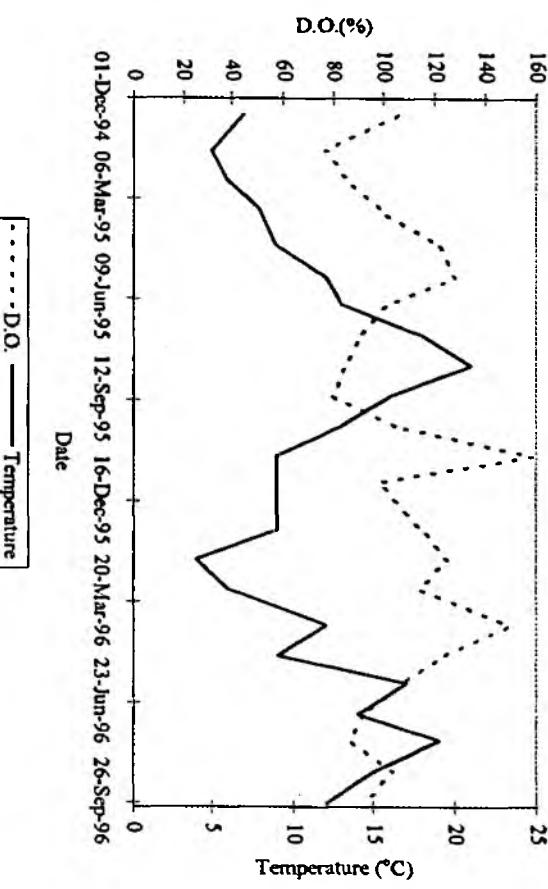
### P at Snitterfield STW



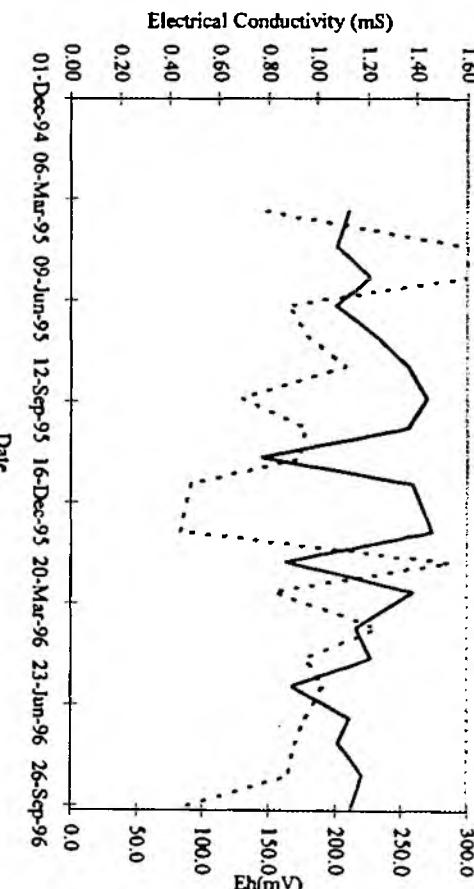
### Flow at Snitterfield STW



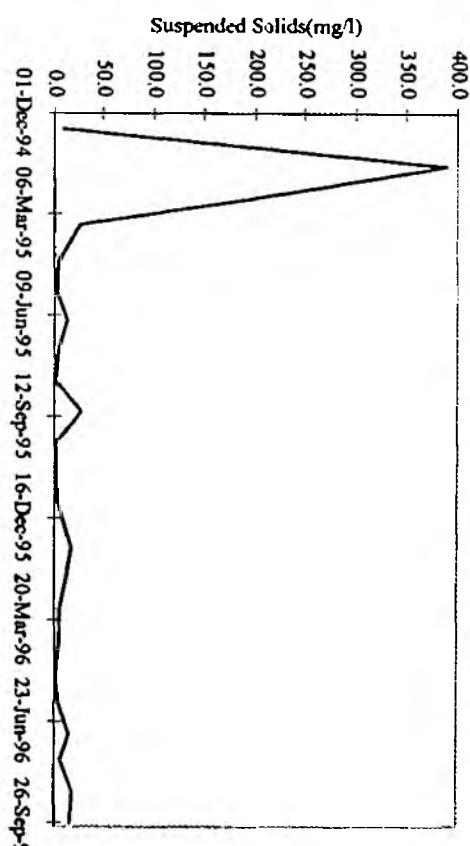
D.O. and Temperature at Thelford Bk. (Hampton Lucy)



Electrical Cond. and Eh at Thelford Bk. (Hampton Lucy)



Suspended Solids at Thelford Bk. (Hampton Lucy)



B.O.D. and C.O.D. at Thelford Bk. (Hampton Lucy)

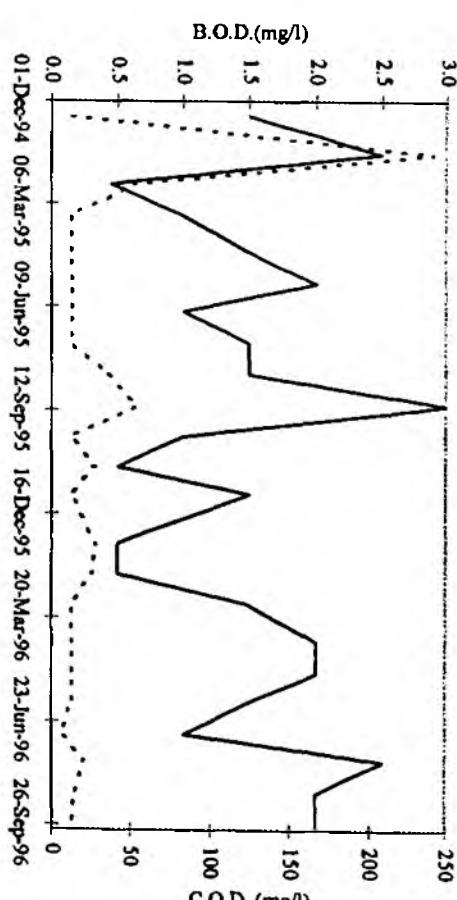
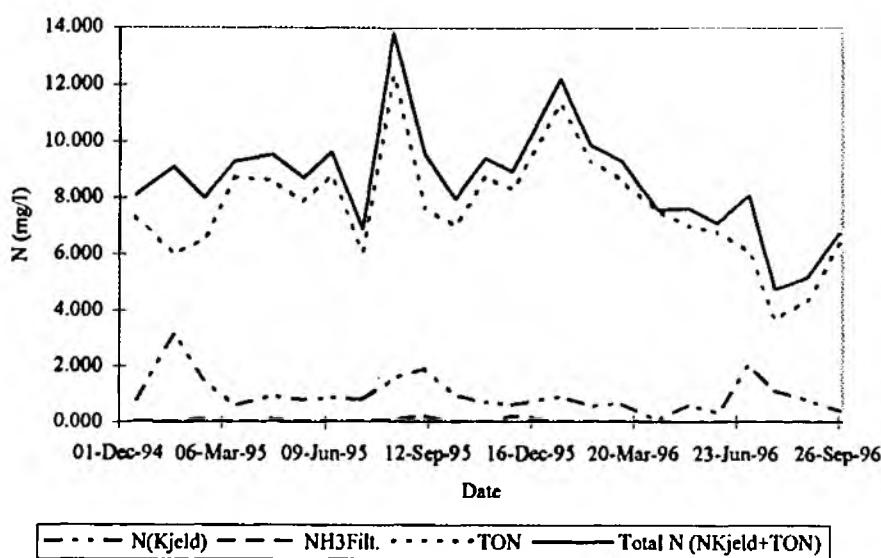
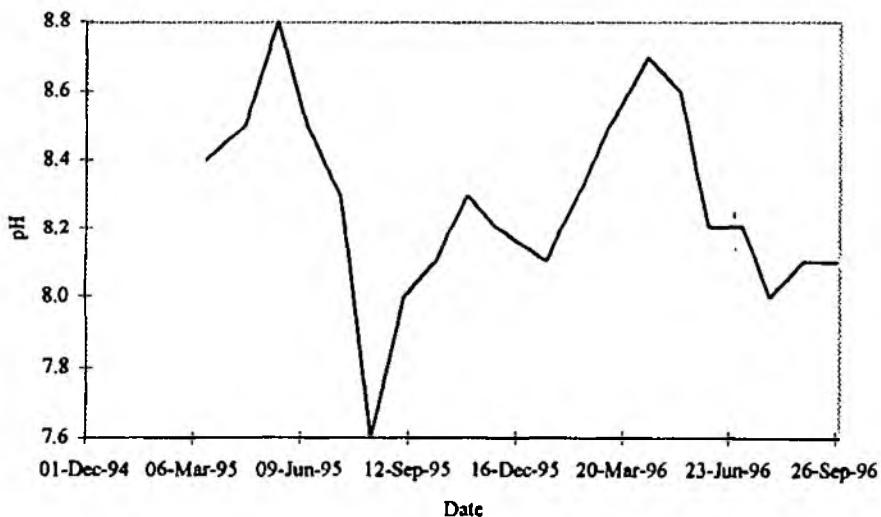


Figure 67 Thelford Bk. (Hampton Lucy)

### N at Thelsford Bk. (Hampton Lucy)



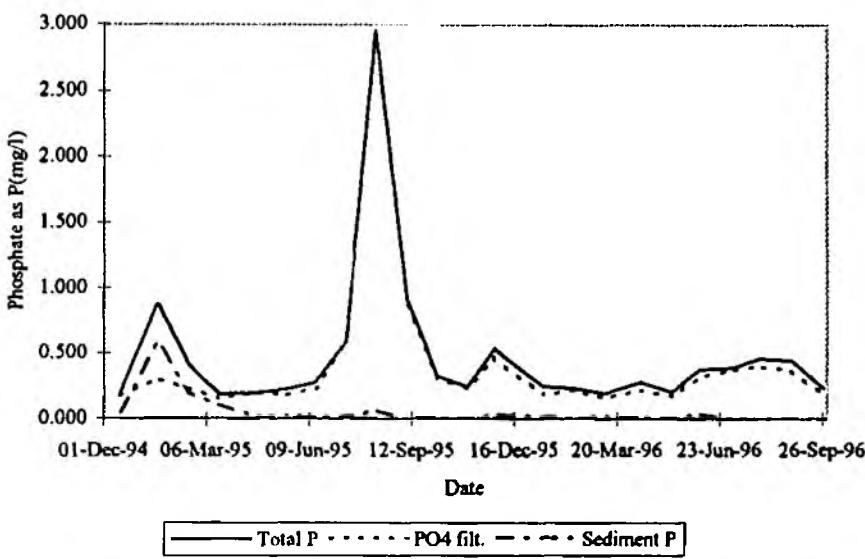
### pH at Thelsford Bk. (Hampton Lucy)



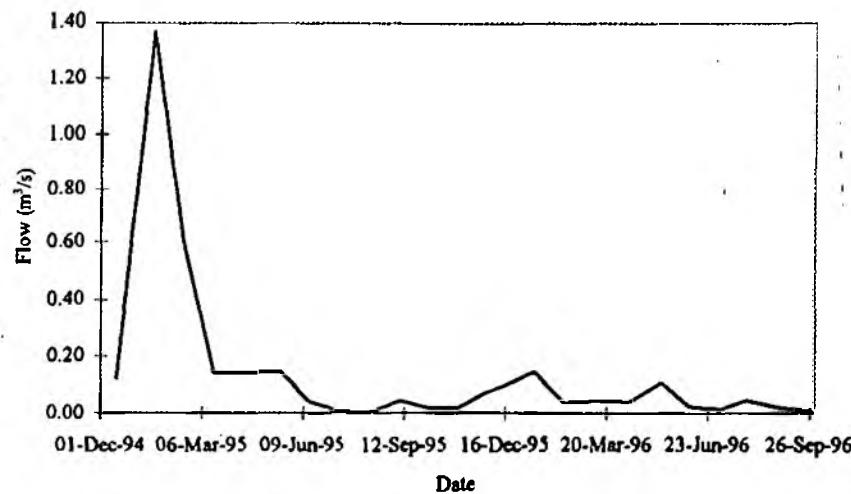
(Figure 67 cont.)

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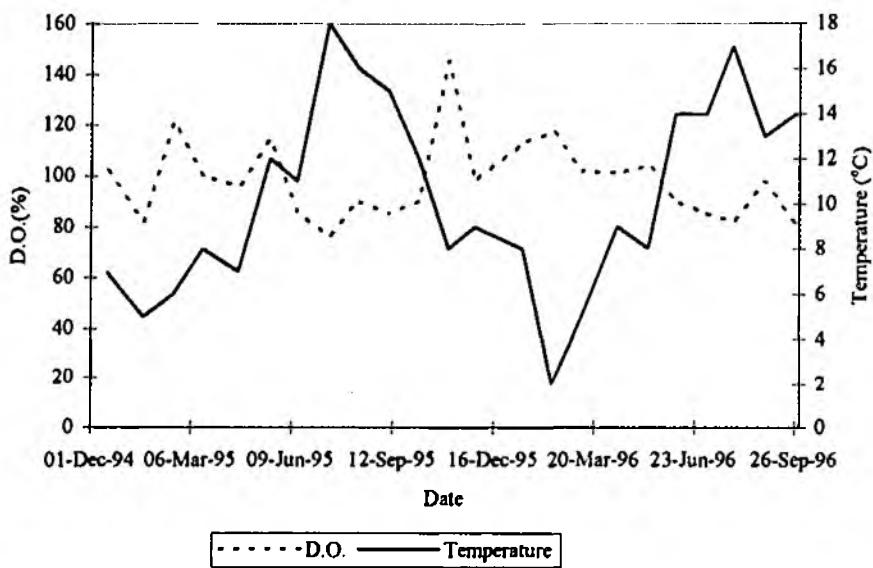
### P at Thelsford Bk. (Hampton Lucy)



### Flow at Thelsford Bk. (Hampton Lucy)



### D.O. and Temperature at Fosse Way Rd. Br.(Dene)



### Electrical Conductivity and Eh at Fosse Way Rd. Br.(Dene)

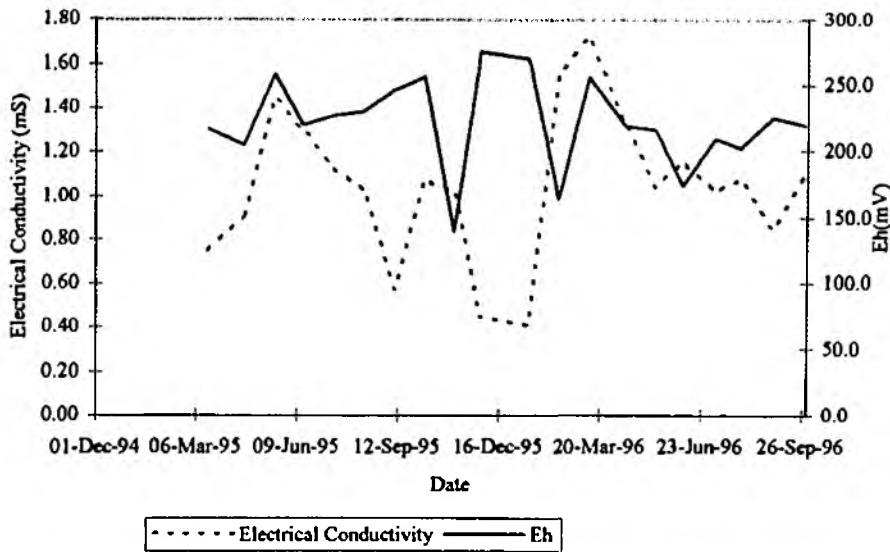
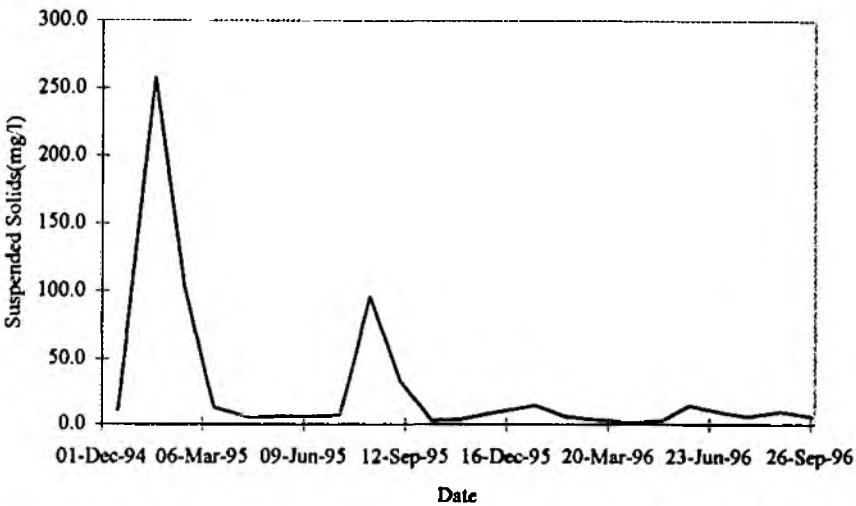


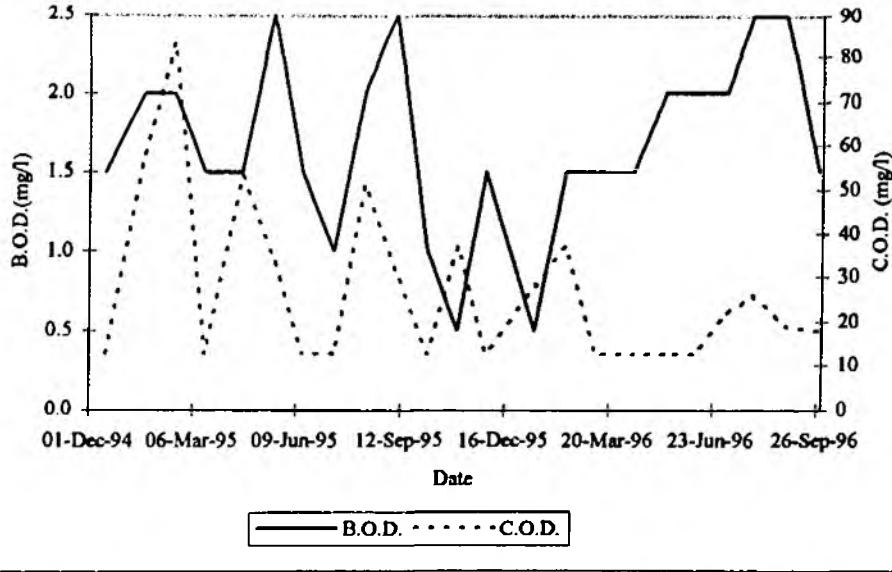
Figure 68 Fosse Way Rd. Br. (Dene)

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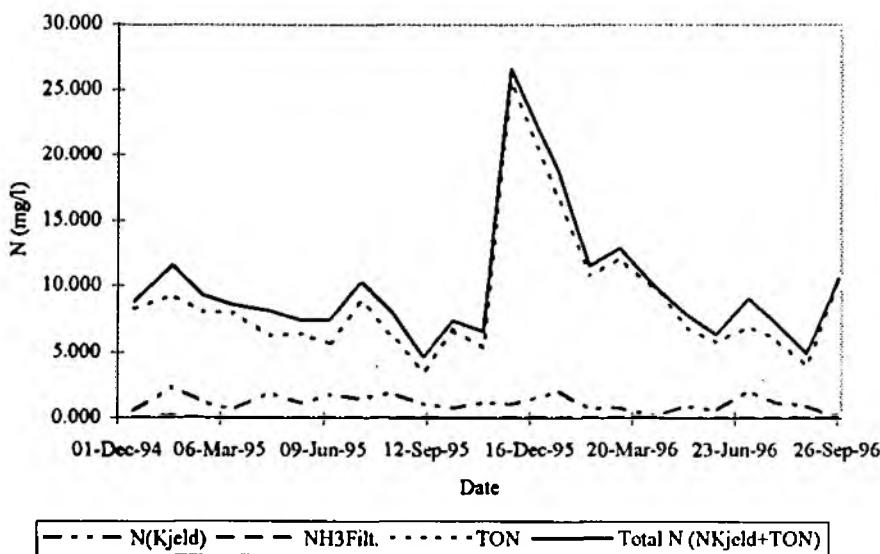
Suspended Solids at Fosse Way Rd. Br.(Dene)



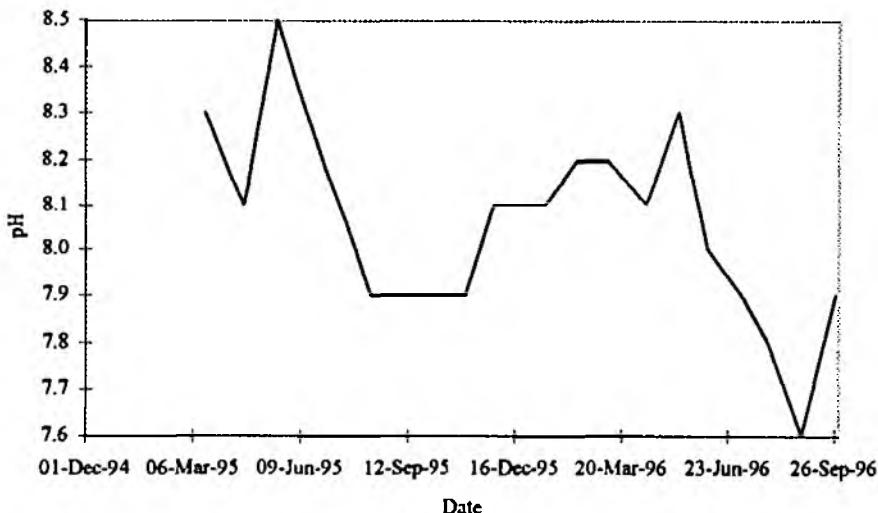
B.O.D. and C.O.D. at Fosse Way Rd. Br.(Dene)



### N at Fosse Way Rd. Br.(Dene)



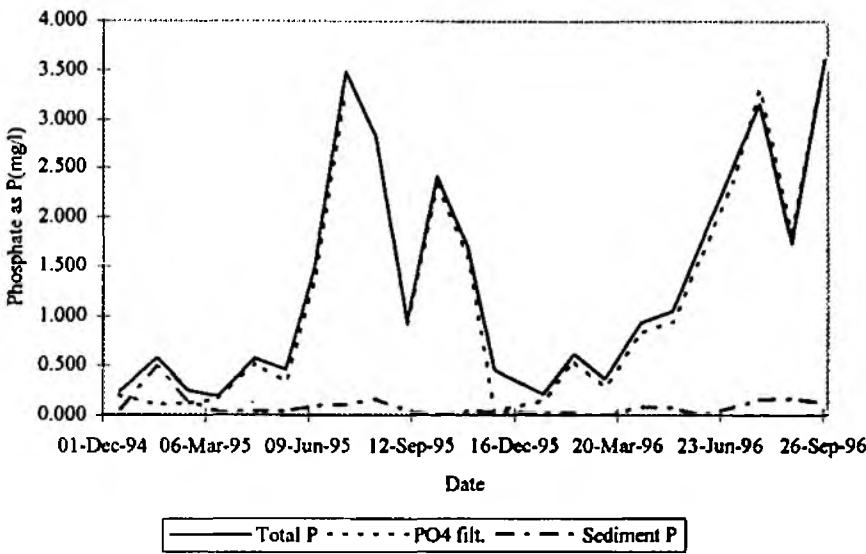
### pH at Fosse Way Rd. Br.(Dene)



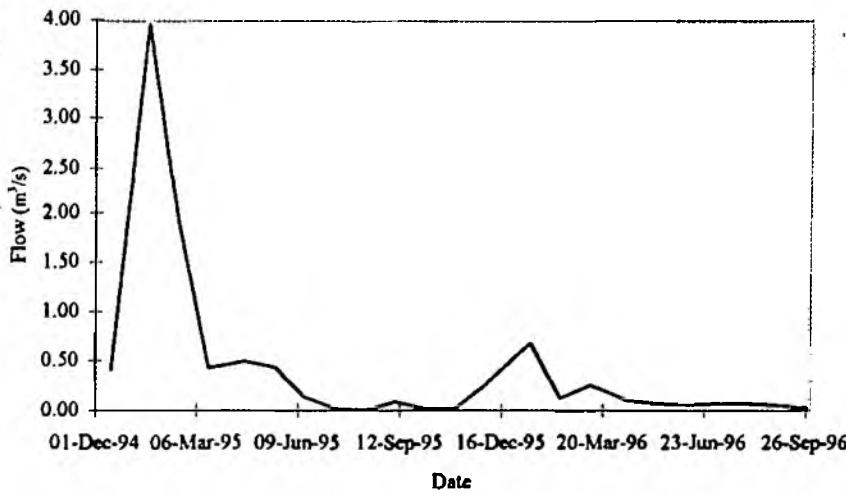
(Figure 68 cont.)

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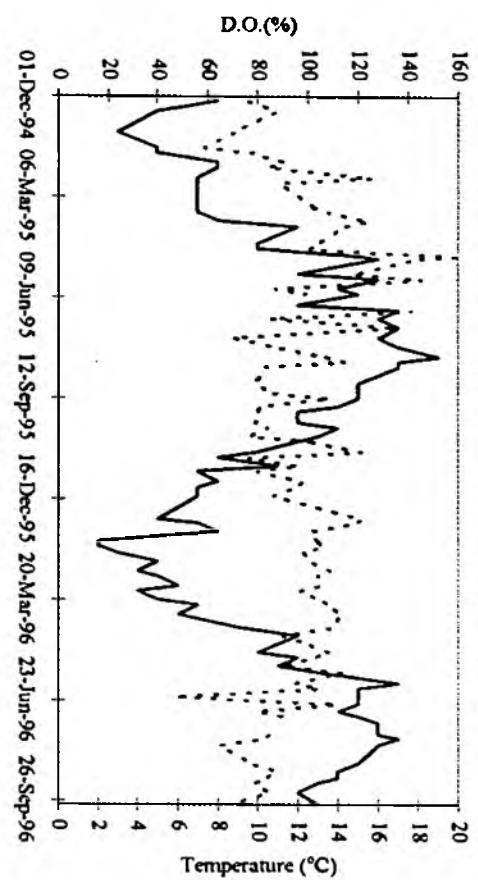
### P at Fosse Way Rd. Br.(Dene)



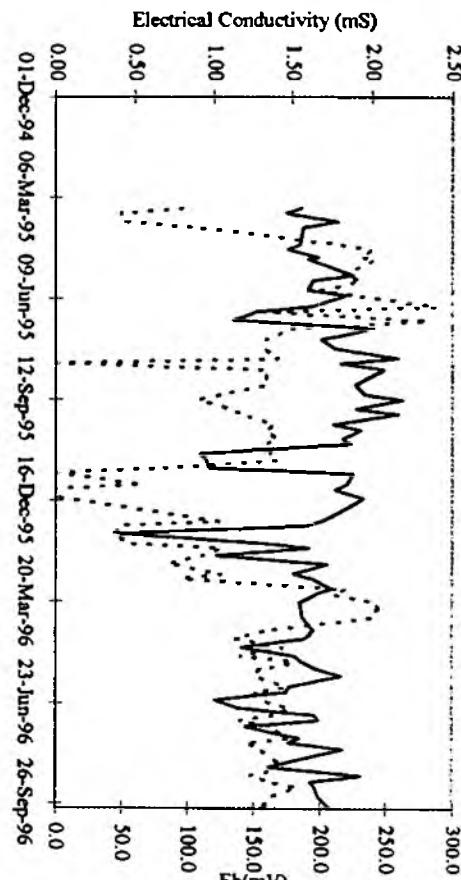
### Flow at Fosse Way Rd. Br.(Dene)



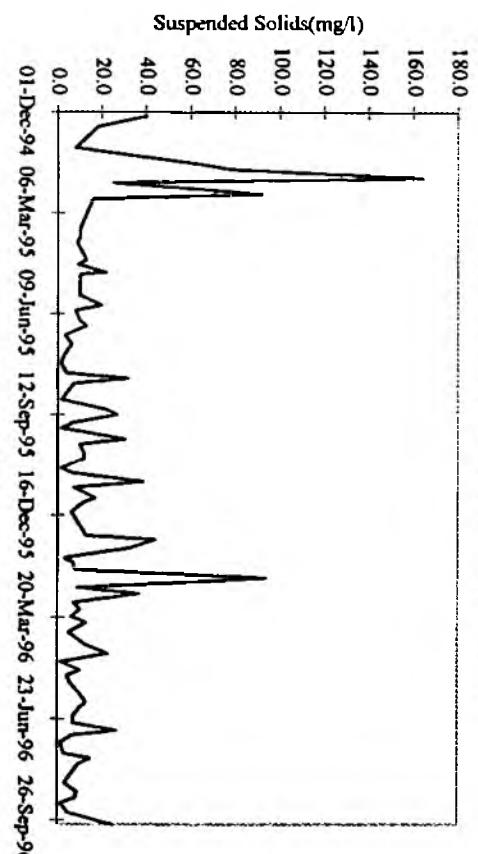
D.O. and Temperature at Wellesbourne(Dene)



Electrical Conductivity and Eh at Wellesbourne(Dene)



Suspended Solids at Wellesbourne(Dene)



B.O.D. and C.O.D. at Wellesbourne(Dene)

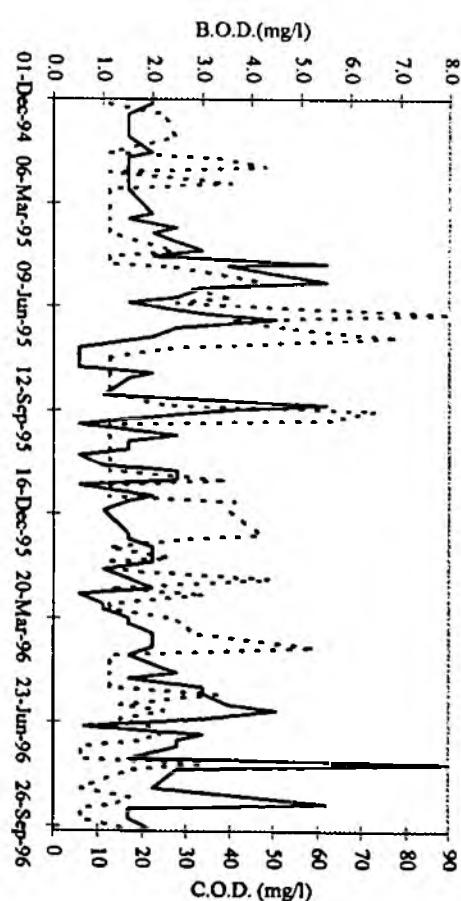
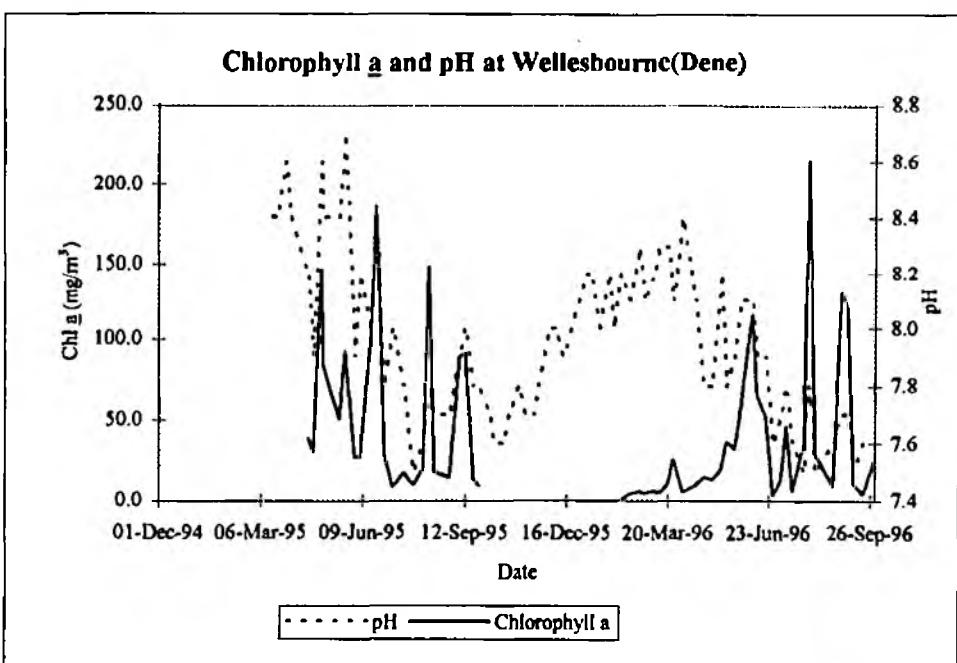
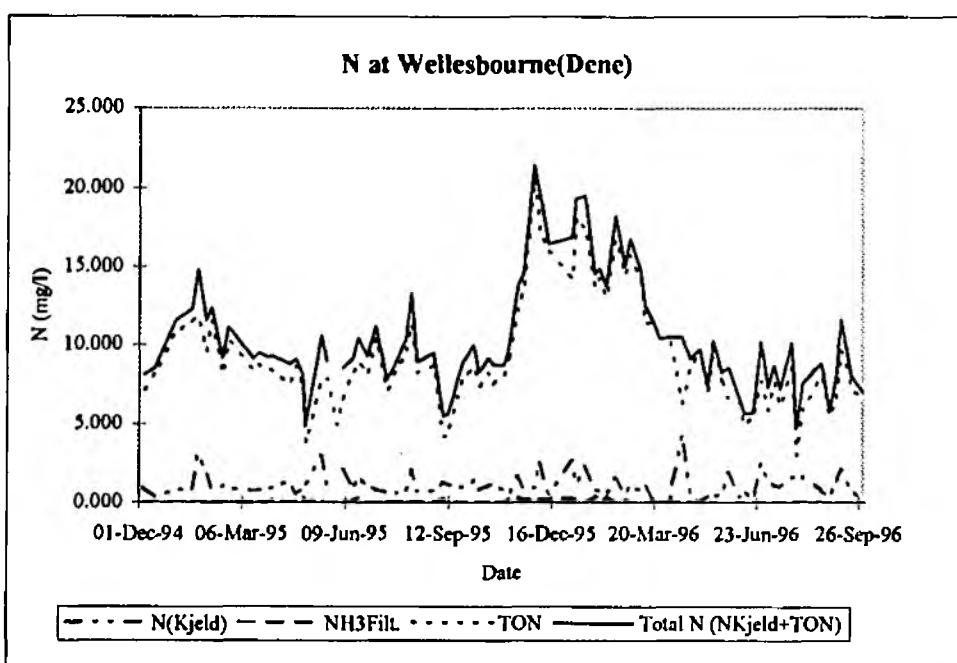


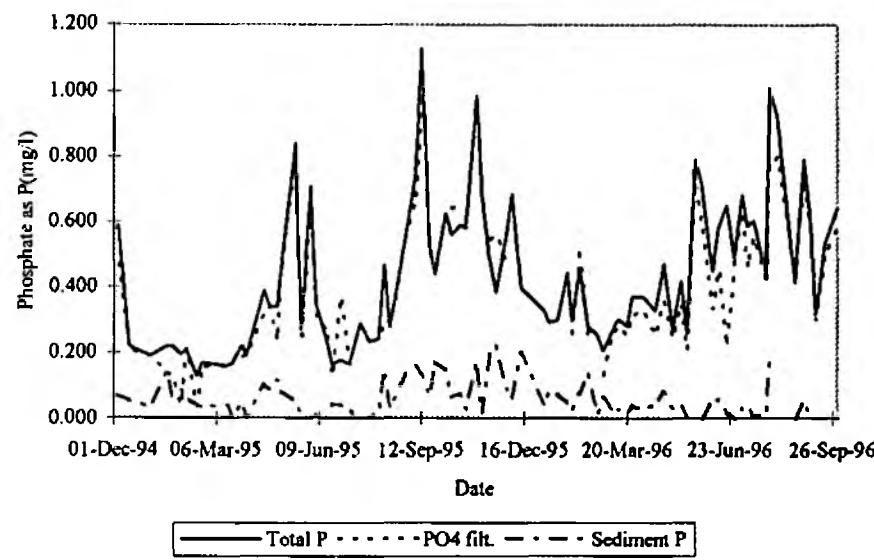
Figure 69 Wellesbourne (Dene)



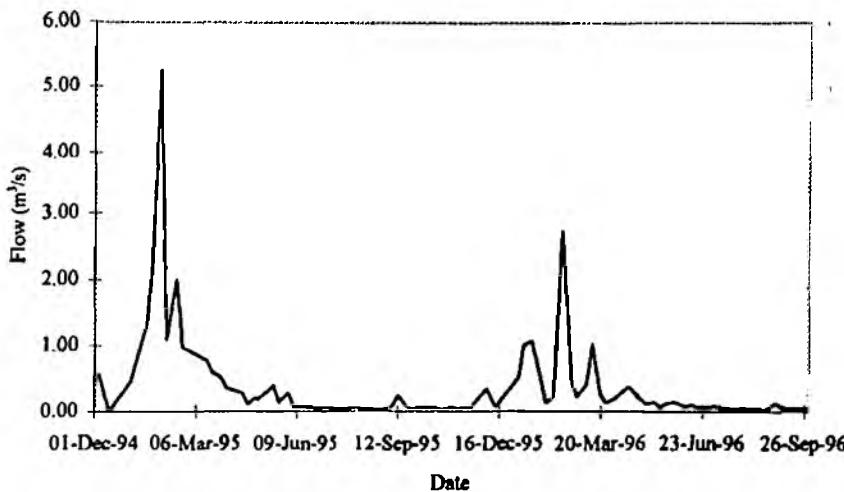
(Figure 69 cont.)

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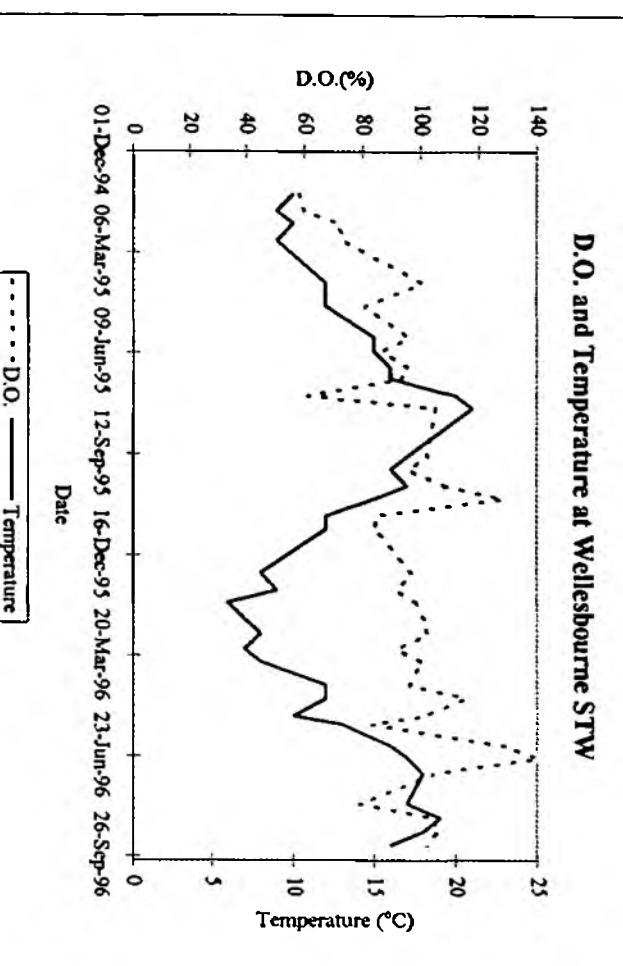
P at Wellesbourne(Dene)



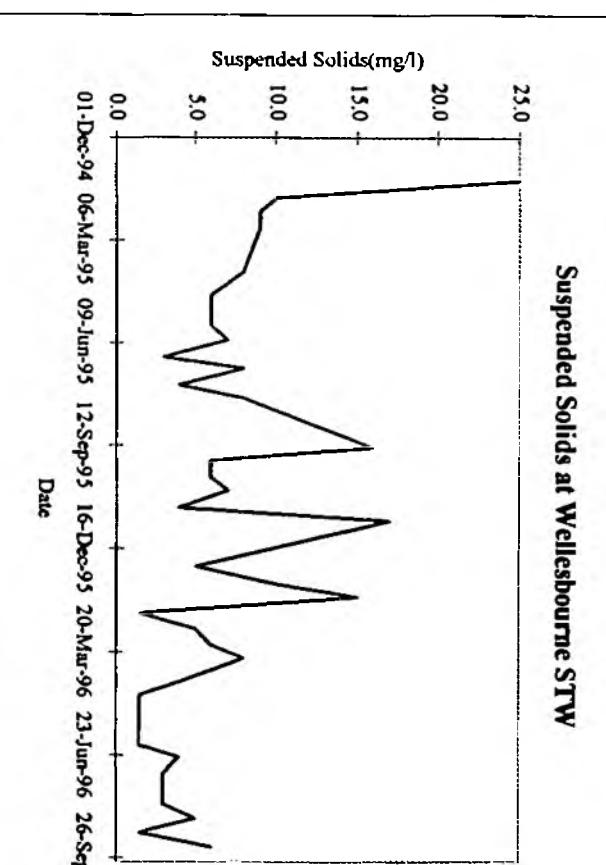
Flow at Wellesbourne(Dene)



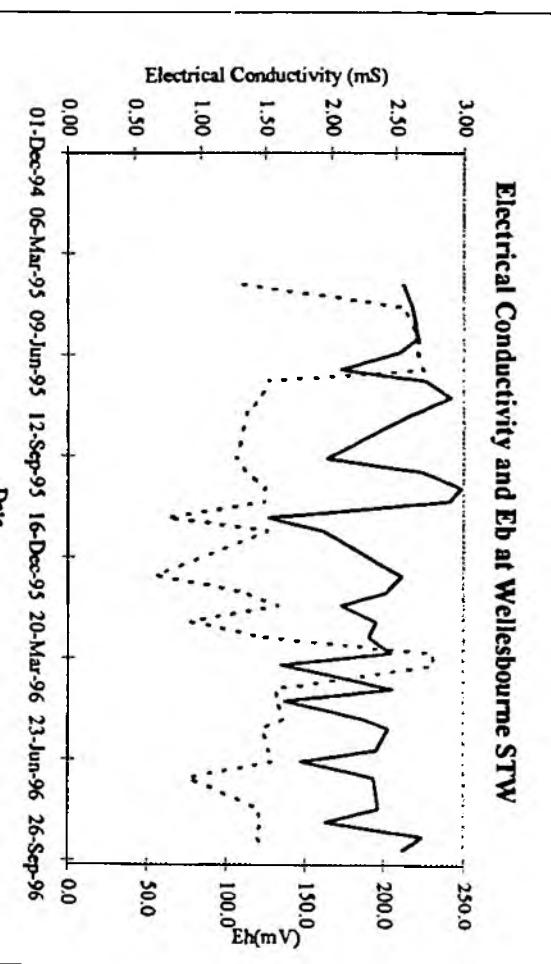
D.O. and Temperature at Wellesbourne STW



Suspended Solids at Wellesbourne STW



Electrical Conductivity and Eh at Wellesbourne STW



B.O.D. and C.O.D. at Wellesbourne STW

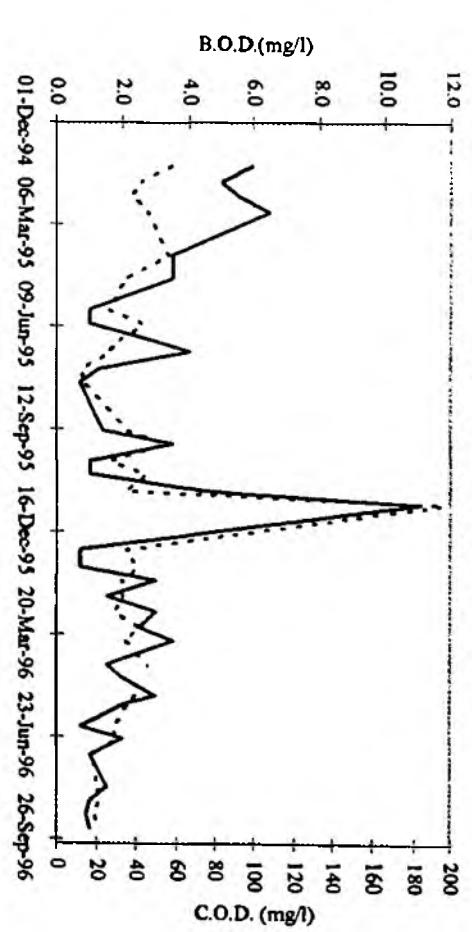
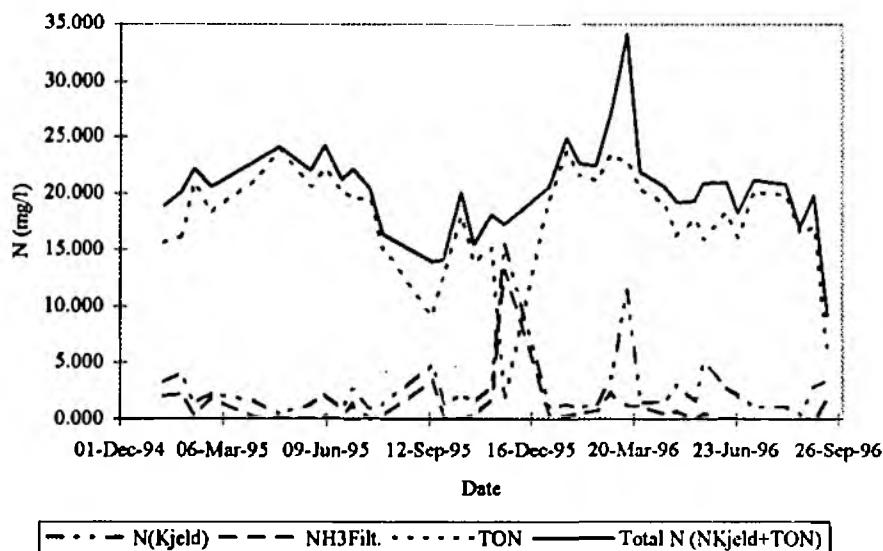
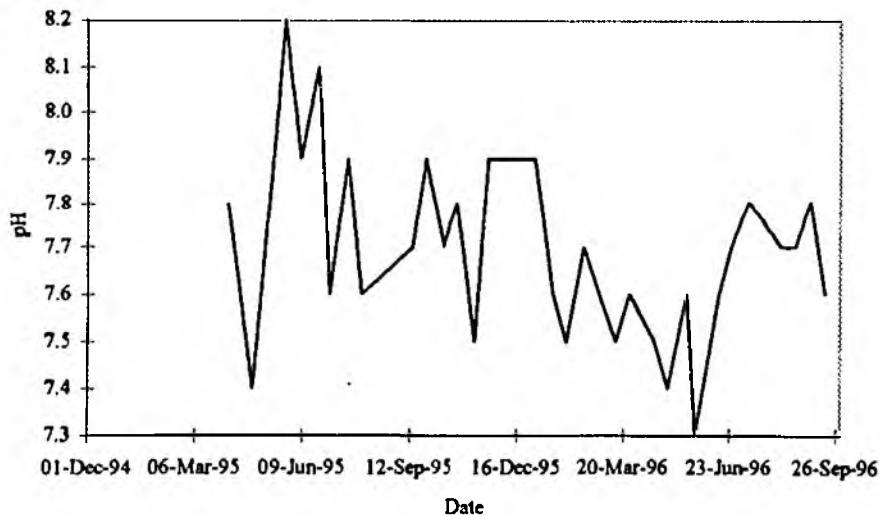


Figure 70 Wellesbourne STW

### N at Wellesbourne STW



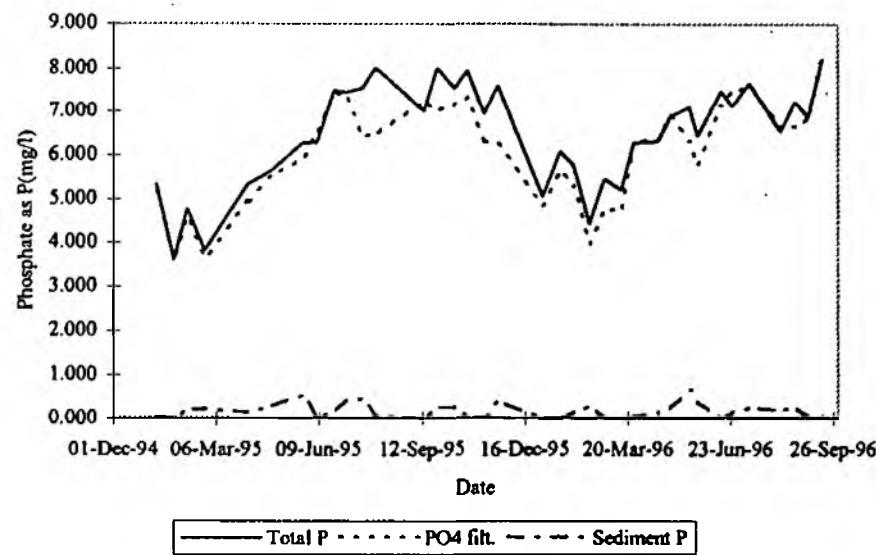
### pH at Wellesbourne STW



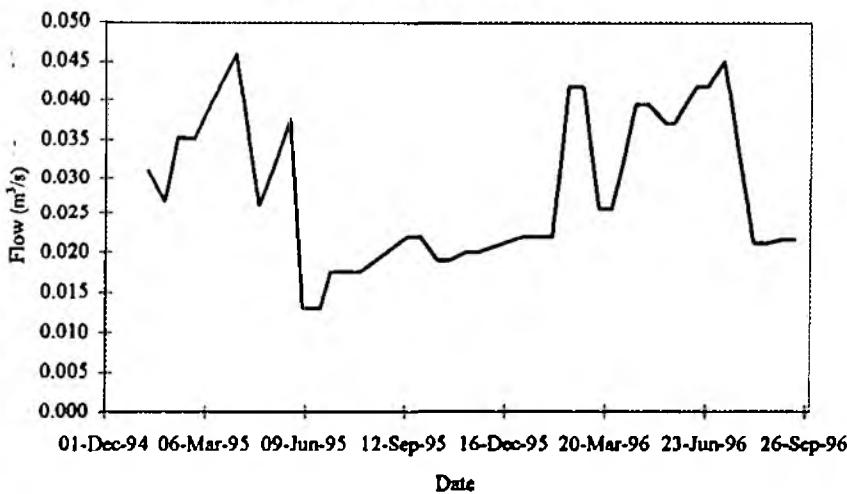
(Figure 70 cont.)

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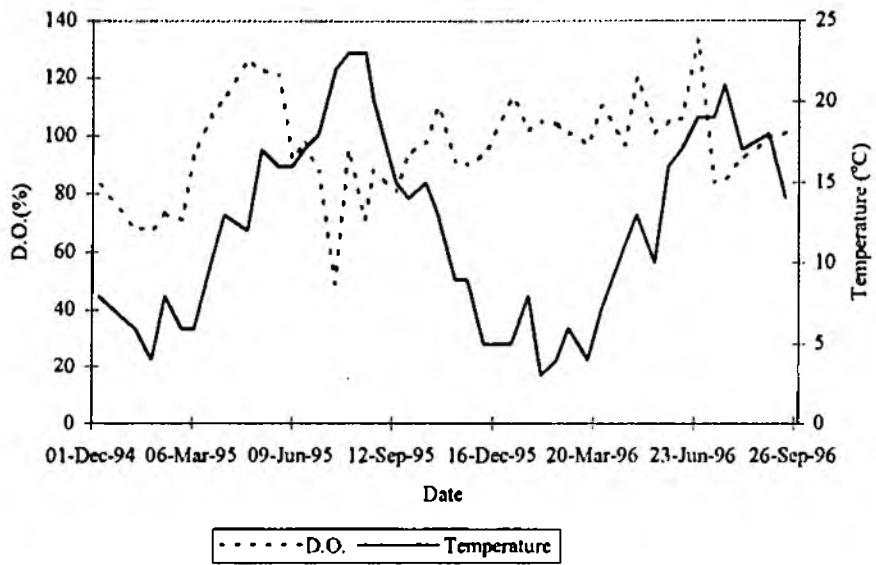
### P at Wellesbourne STW



### Flow at Wellesbourne STW



### D.O. and Temperature at Stratford(Avon)



### Electrical Conductivity and Eh at Stratford(Avon)

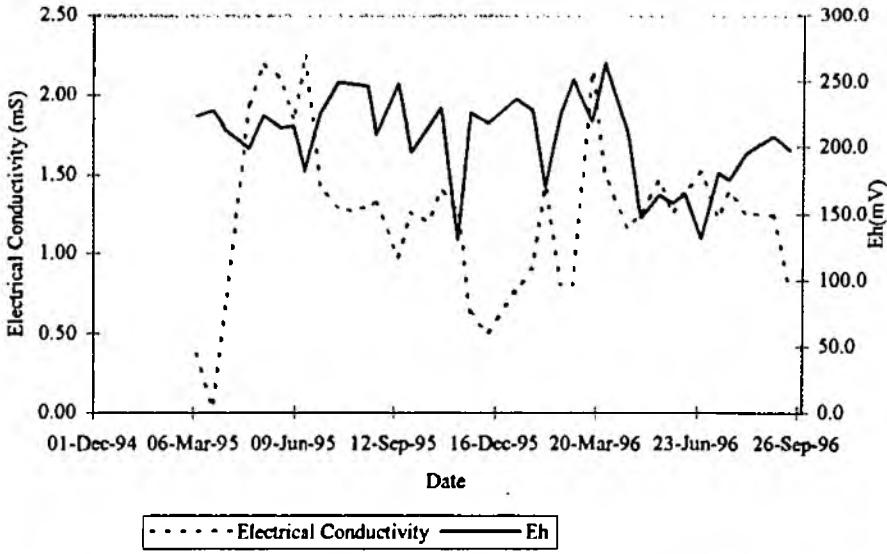
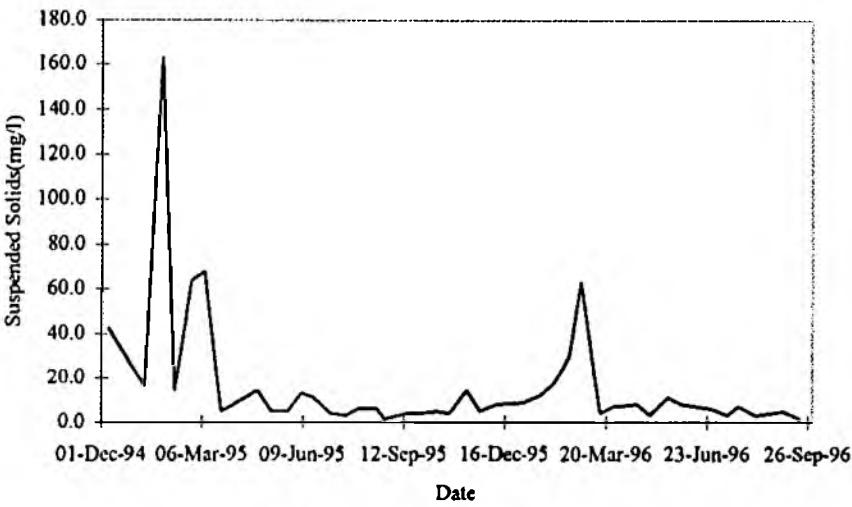


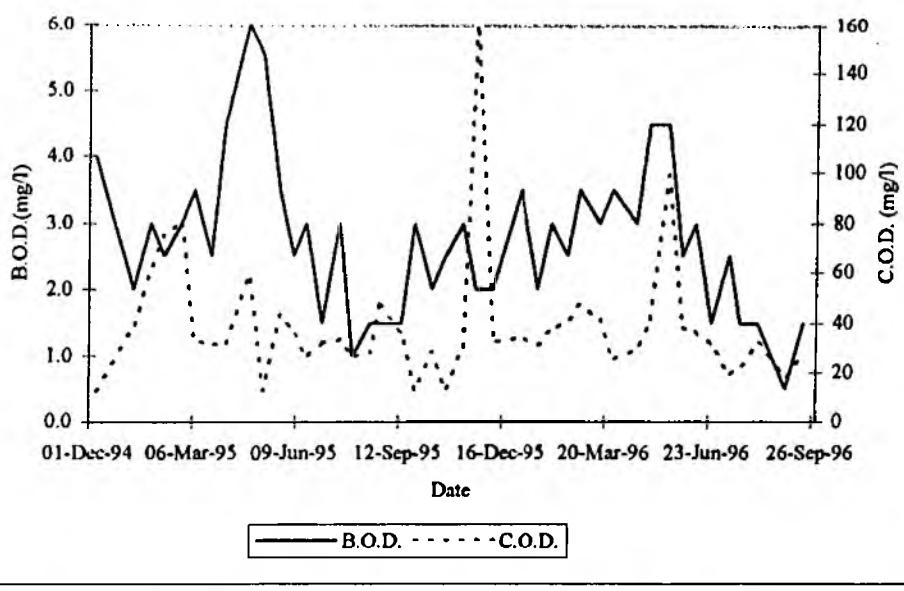
Figure 71 Stratford (Avon)

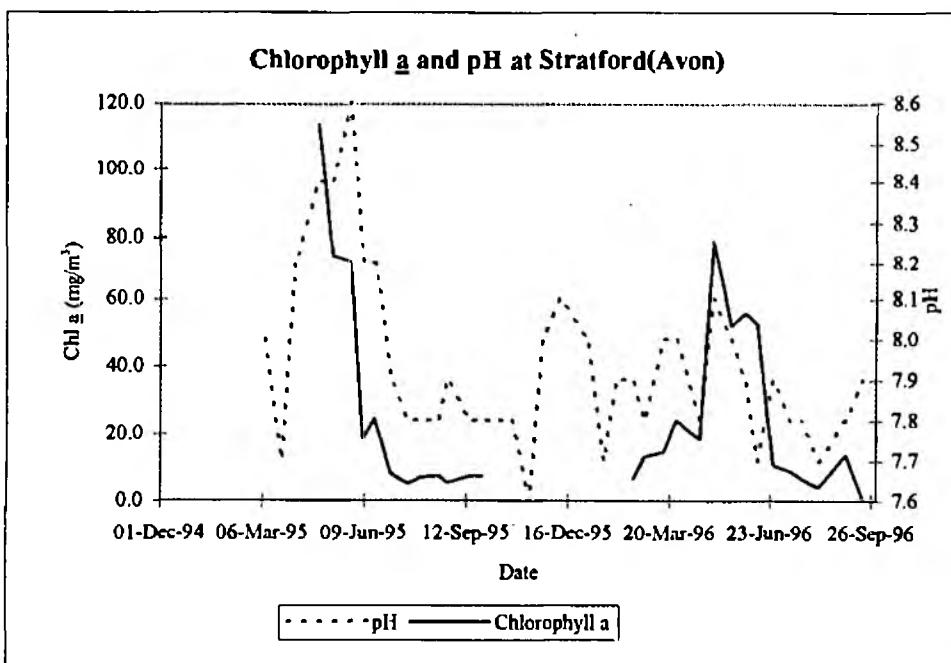
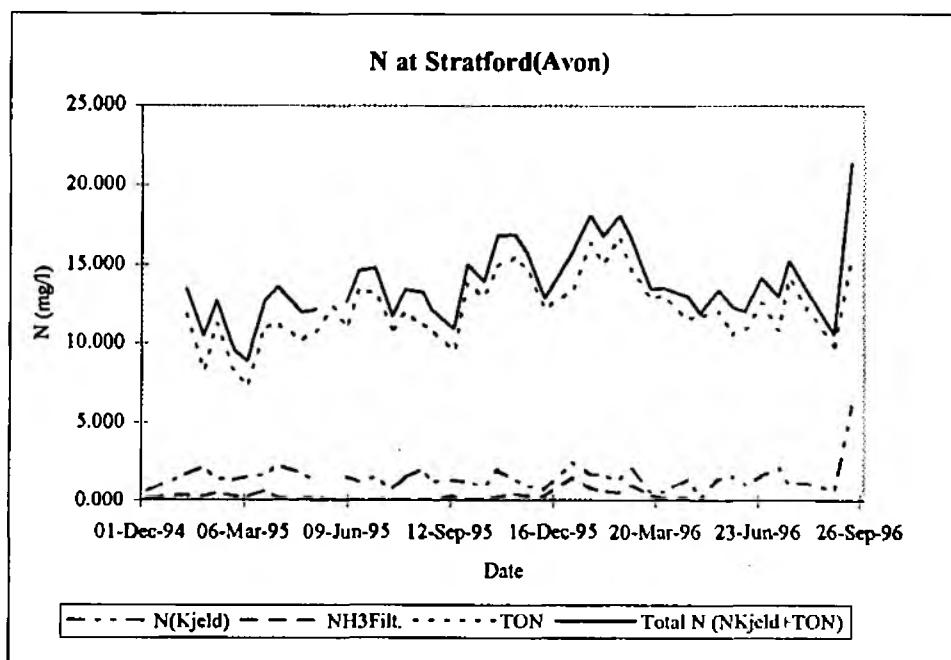
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### Suspended Solids at Stratford(Avon)



### B.O.D. and C.O.D. at Stratford(Avon)

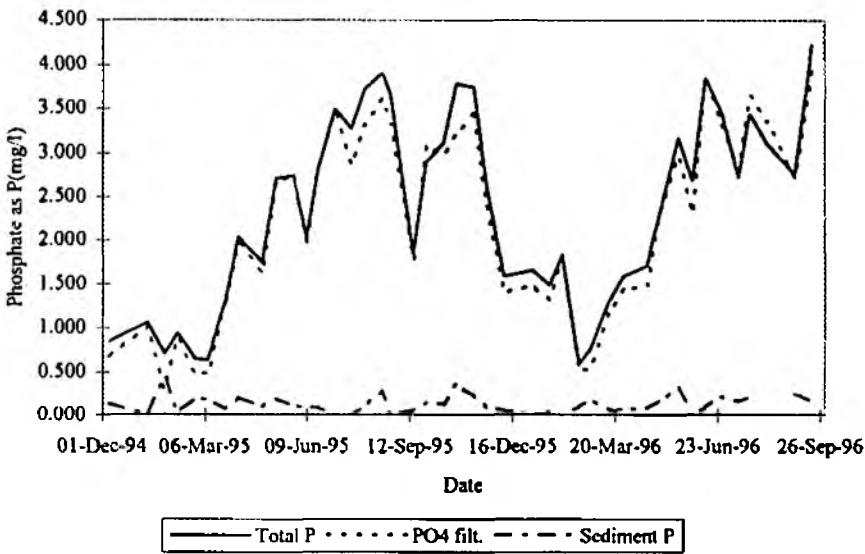




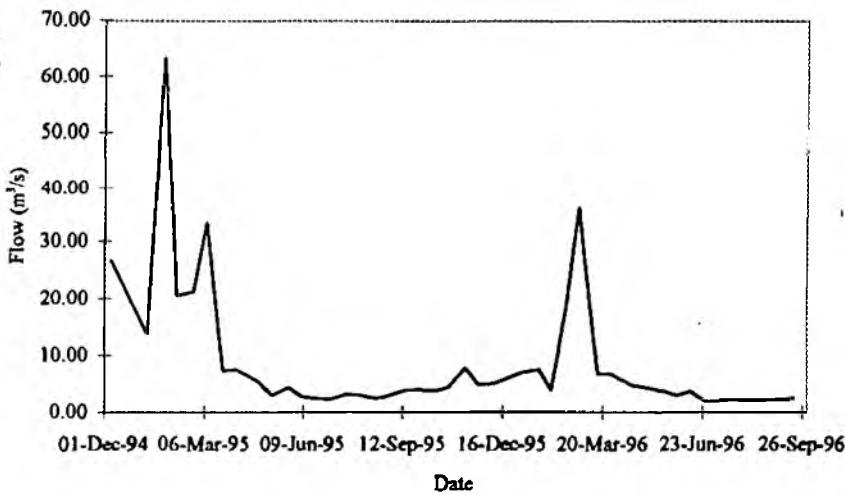
(Figure 71 cont.)

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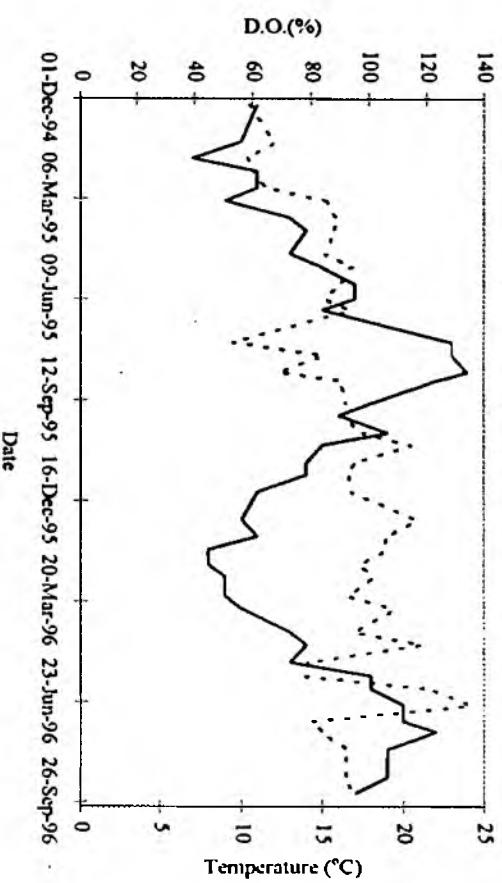
### P at Stratford(Avon)



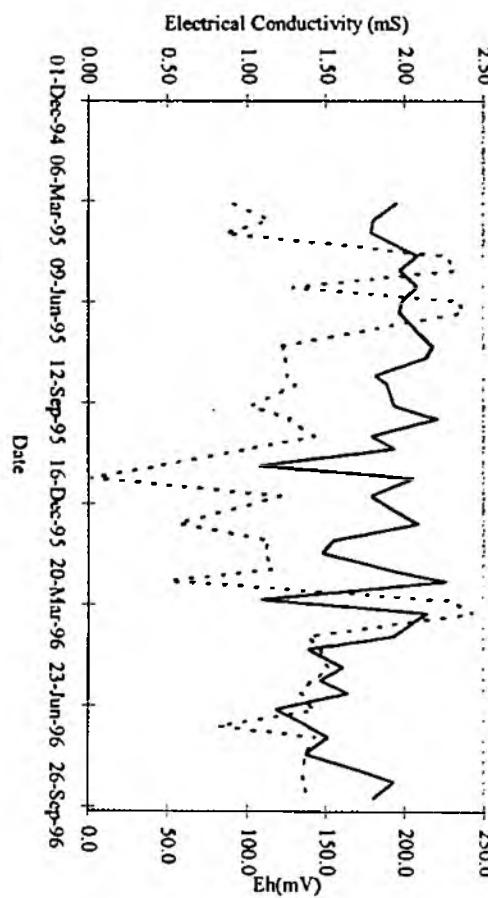
### Flow at Stratford(Avon)



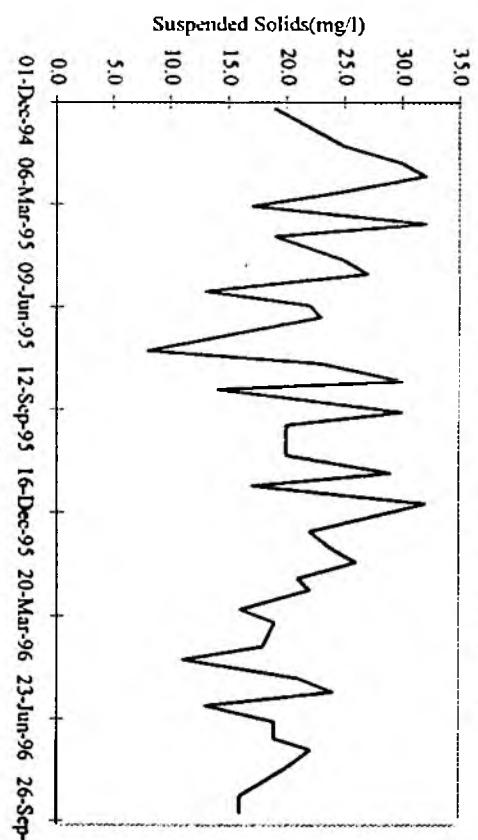
D.O. and Temperature at Stratford(Milicote)STW



Electrical Conductivity and Eh at Stratford(Milicote)STW



Suspended Solids at Stratford(Milicote)STW



B.O.D. and C.O.D. at Stratford(Milicote)STW

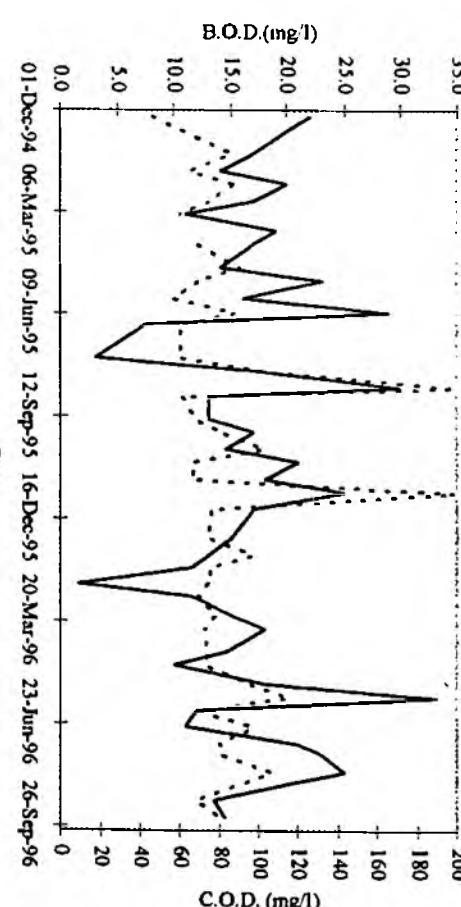
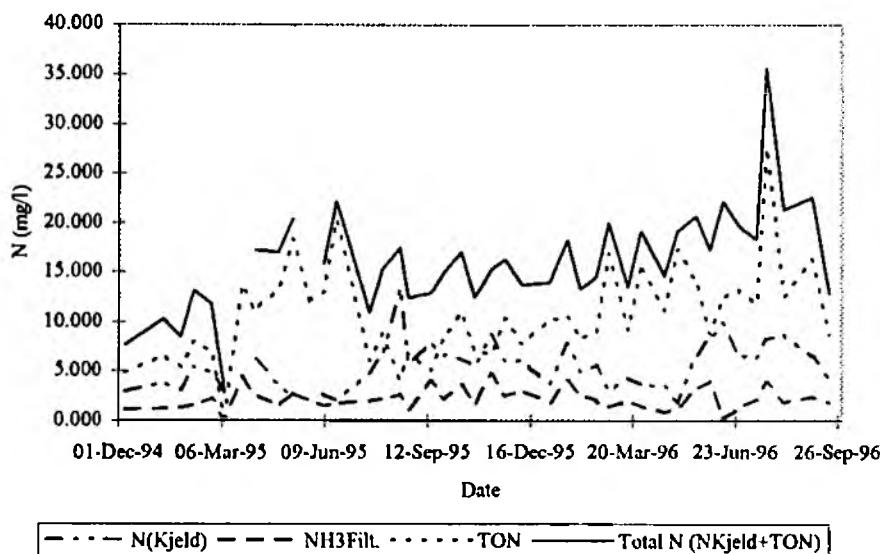
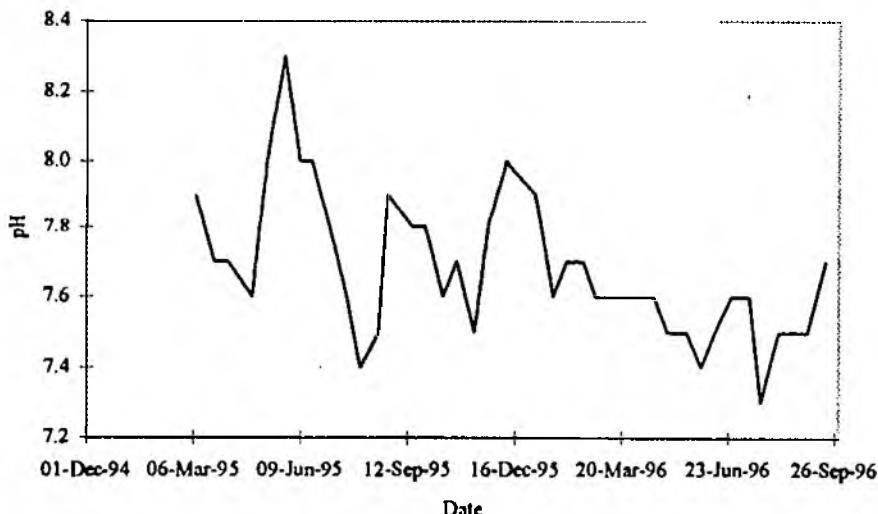


Figure 72 Stratford (Milicote) STW

### N at Stratford(Milcote)STW



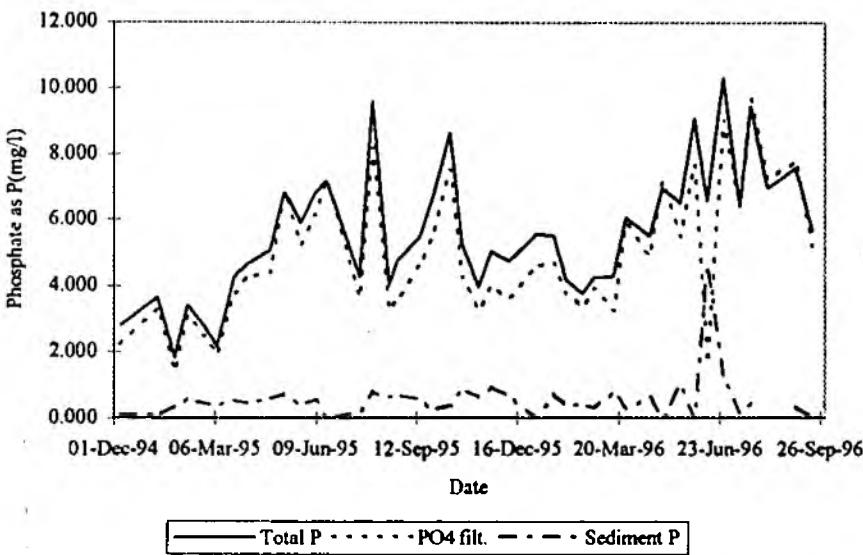
### pH at Stratford(Milcote)STW



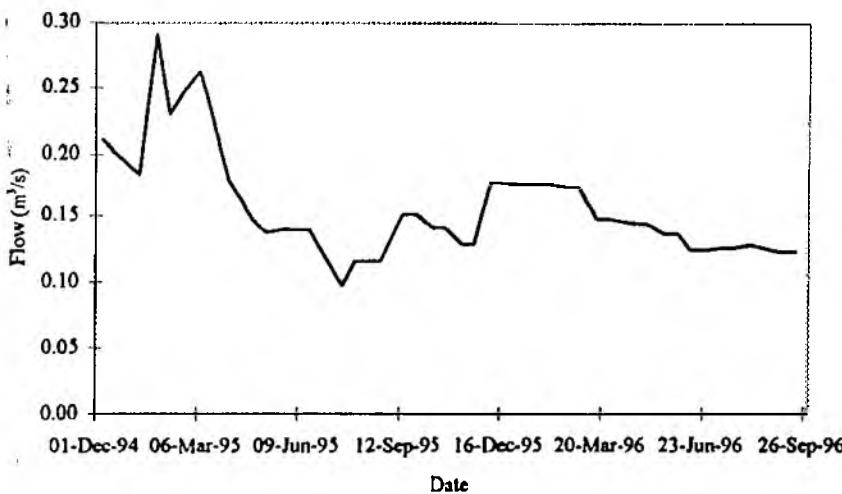
(Figure 72 cont.)

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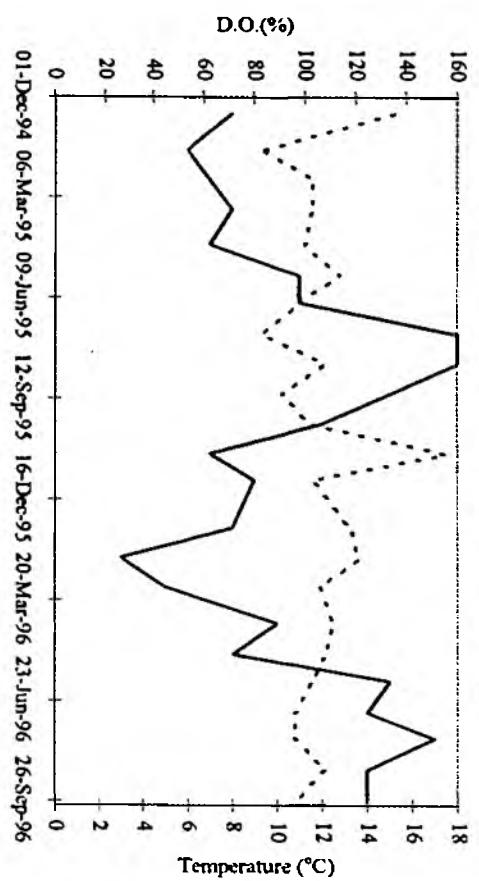
### P at Stratford(Milcote)STW



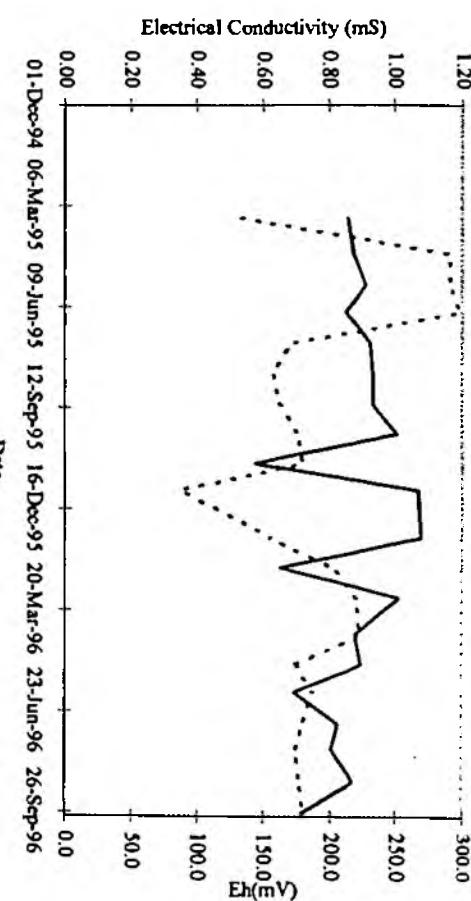
### Flow at Stratford(Milcote)STW



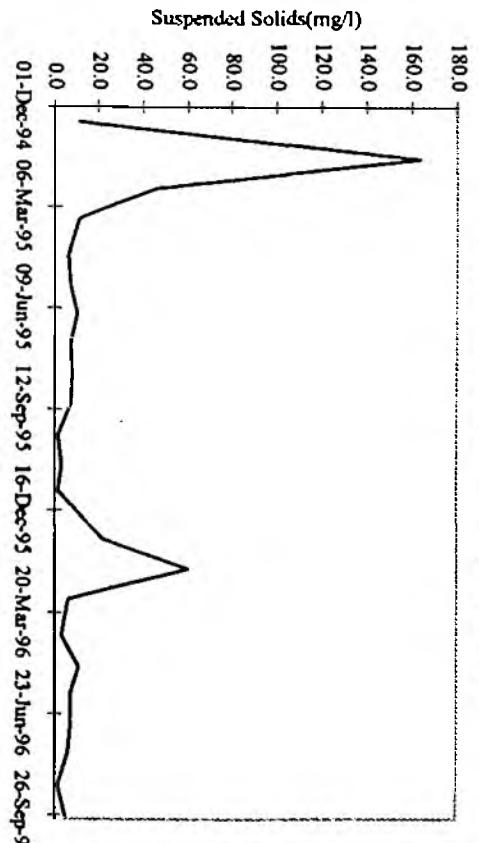
D.O. and Temperature at Cherington(Stour)



Electrical Conductivity and Eh at Cherington(Stour)



Suspended Solids at Cherington(Stour)



B.O.D. and C.O.D. at Cherington(Stour)

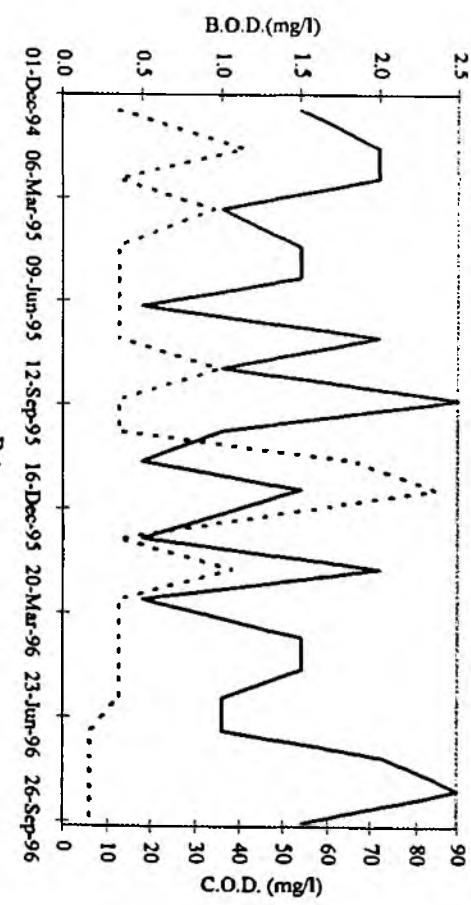
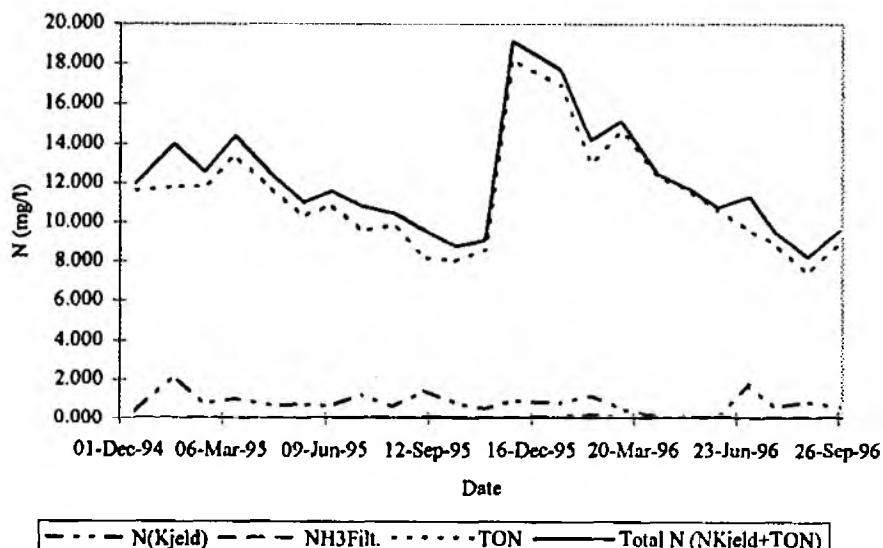
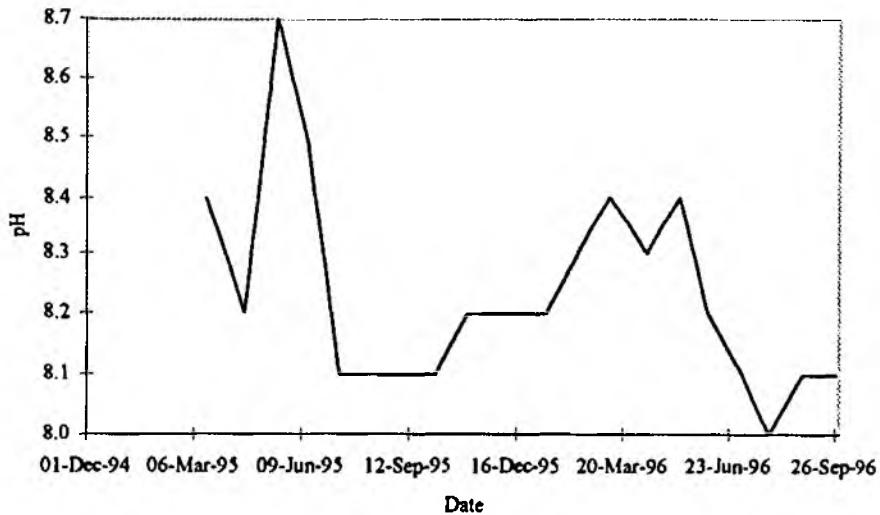


Figure 73 Cherington (Stour)

### N at Cherington(Stour)



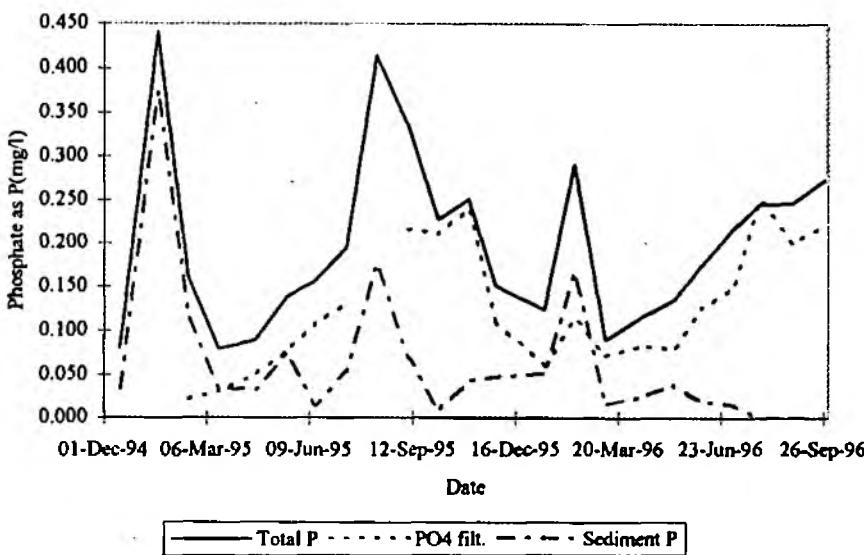
### pH at Cherington(Stour)



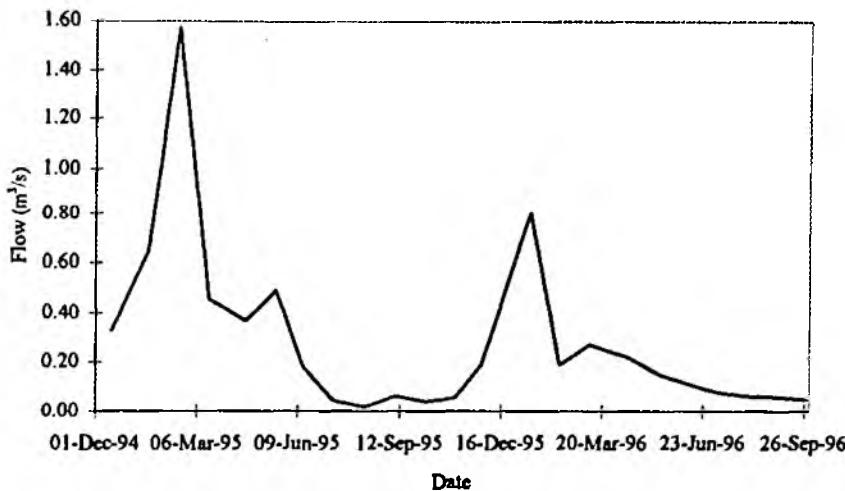
(Figure 73 cont.)

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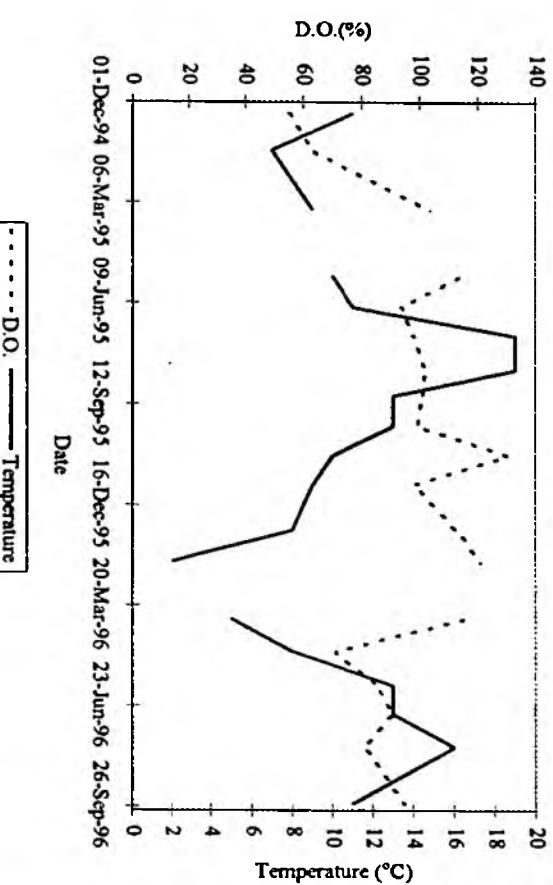
P at Cherington(Stour)



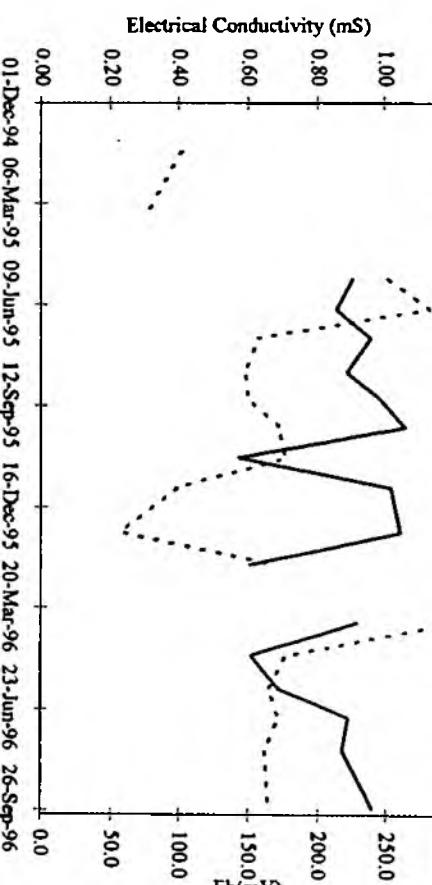
Flow at Cherington(Stour)



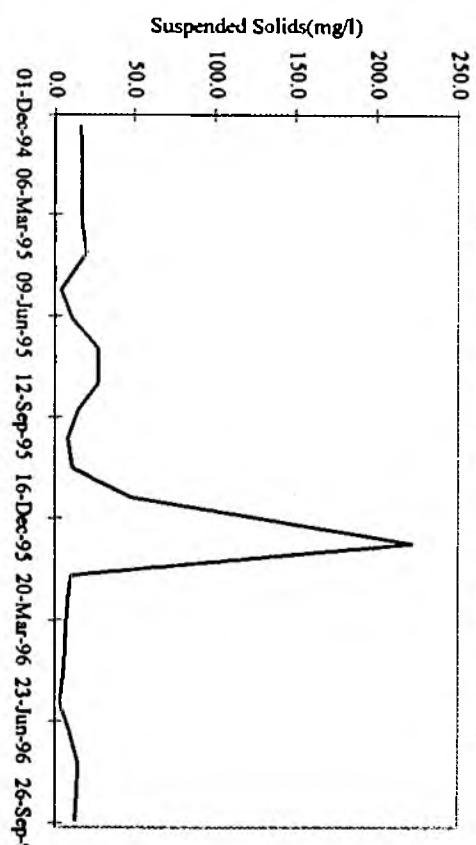
D.O. and Temperature at Nethercote Bk.(Miford Br.)



Electrical Conductivity and Eh at Nethercote Bk.(Miford Br.)



Suspended Solids at Nethercote Bk.(Miford Br.)



B.O.D. and C.O.D. at Nethercote Bk.(Miford Br.)

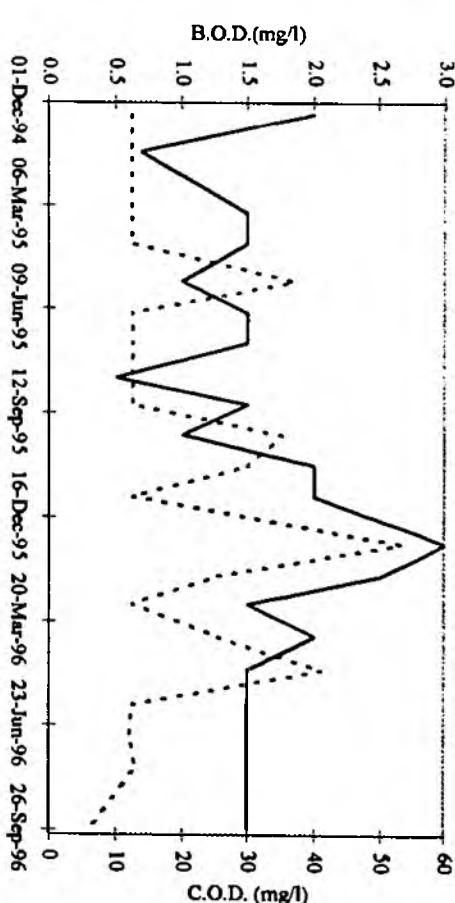
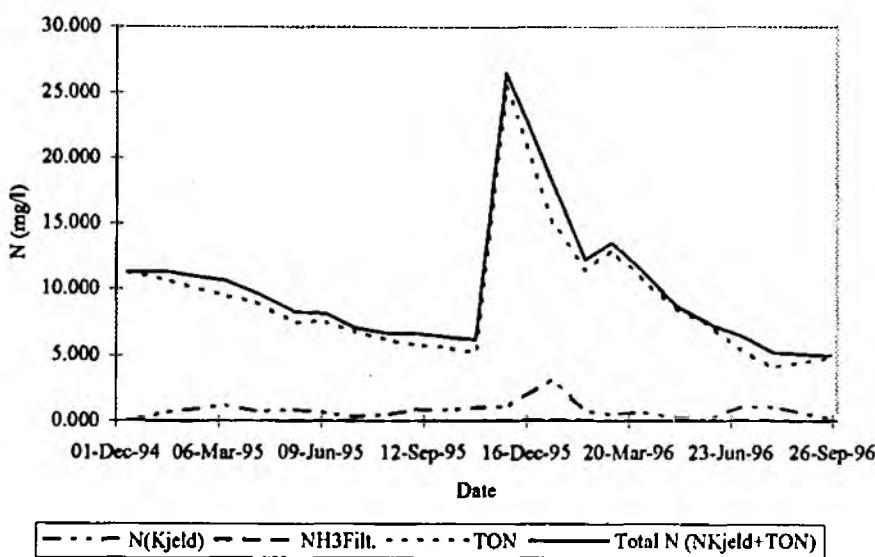
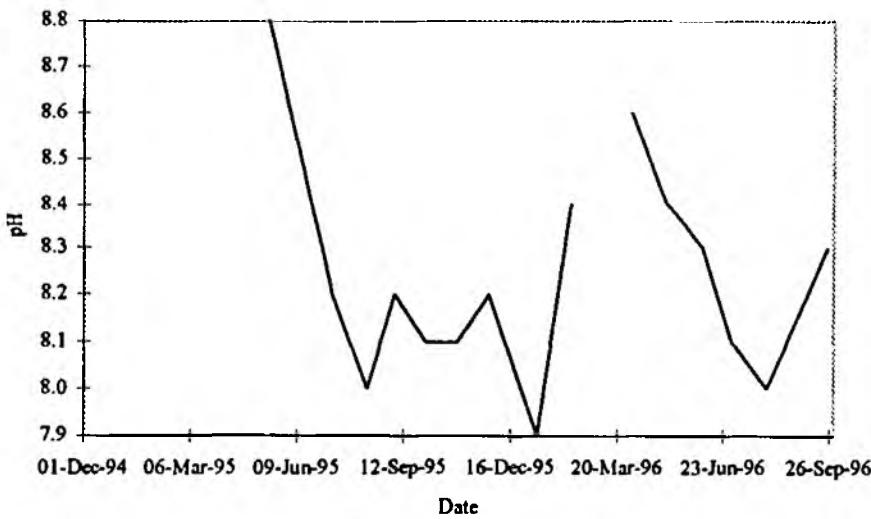


Figure 74 Nethercote Bk. (Miford Br.)

### N at Nethercote Bk.(Mitford Br.)



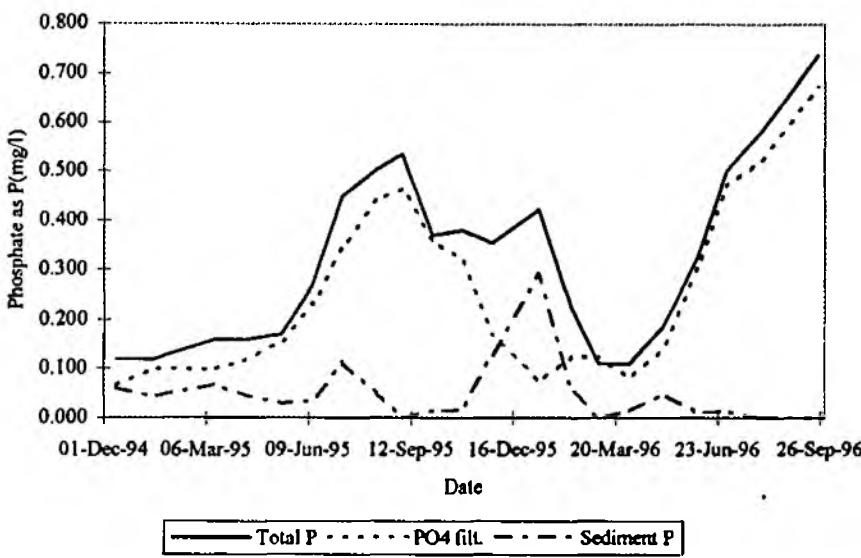
### pH at Nethercote Bk.(Mitford Br.)



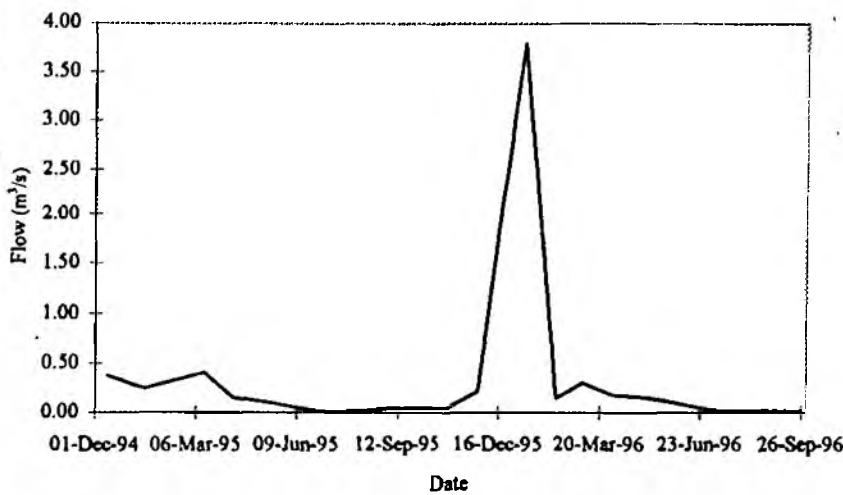
(Figure 74 cont.)

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P at Nethercote Bk.(Mitford Br.)



Flow at Nethercote Bk.(Mitford Br.)



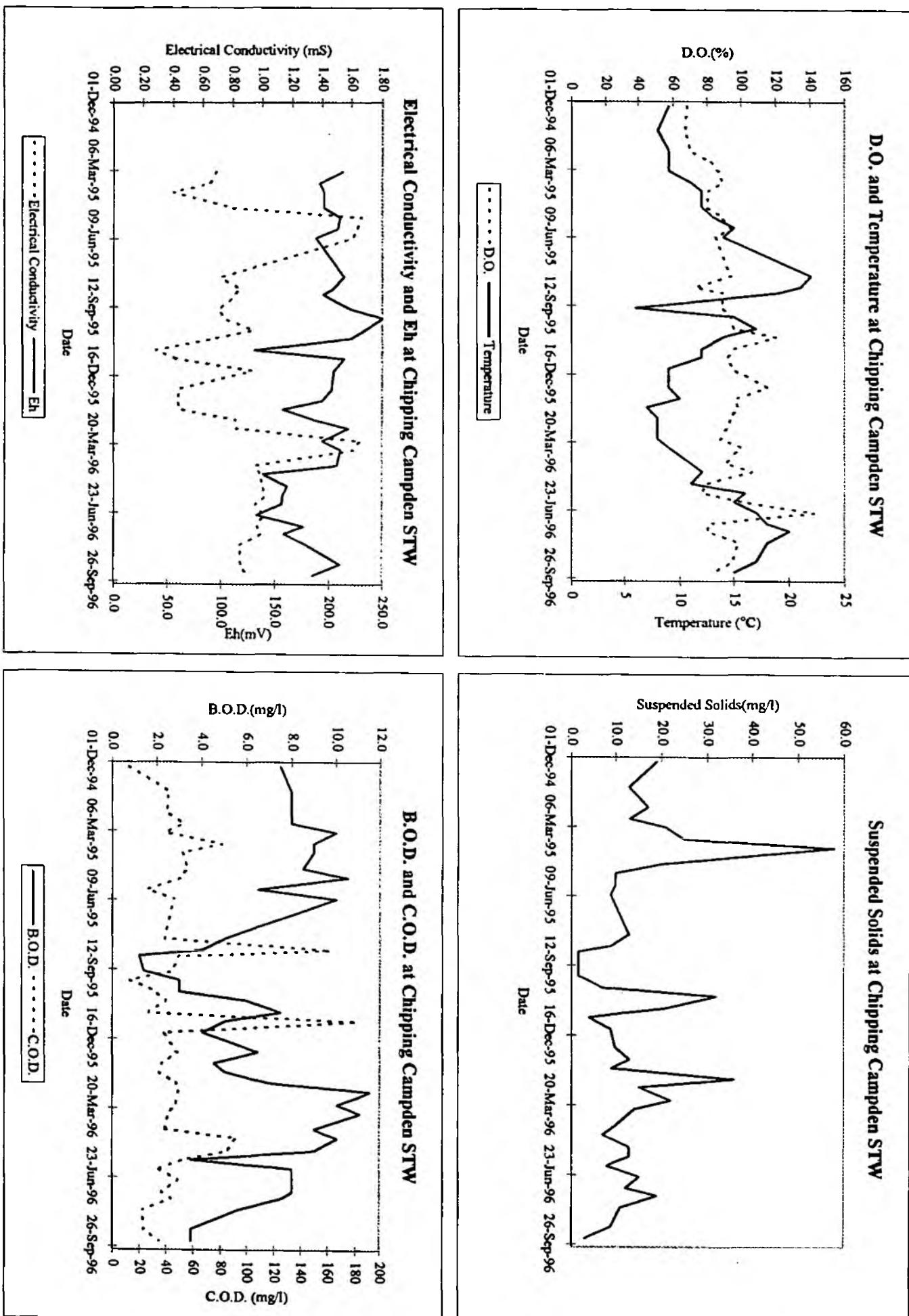
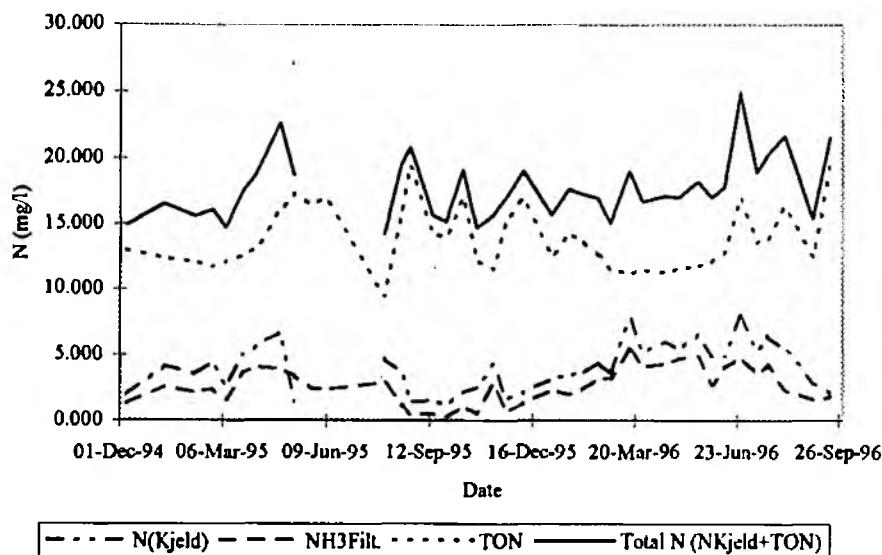
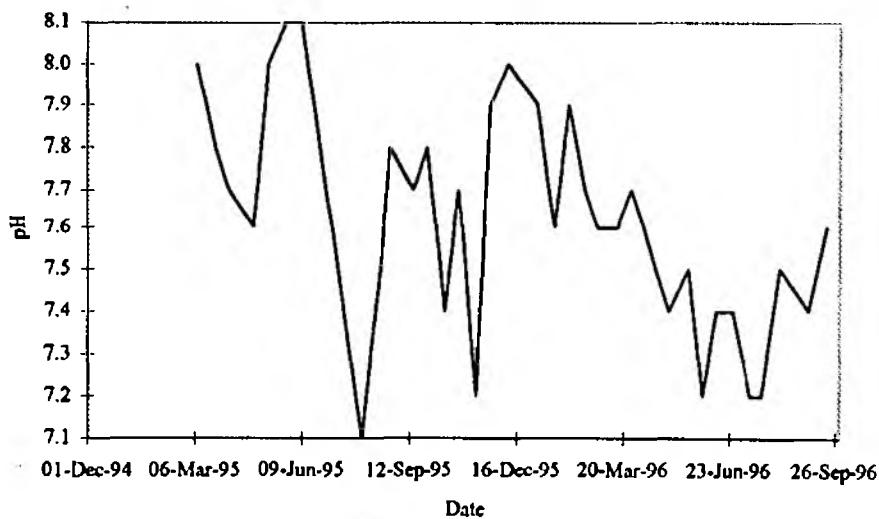


Figure 75 Chipping Campden STW

### N at Chipping Campden STW



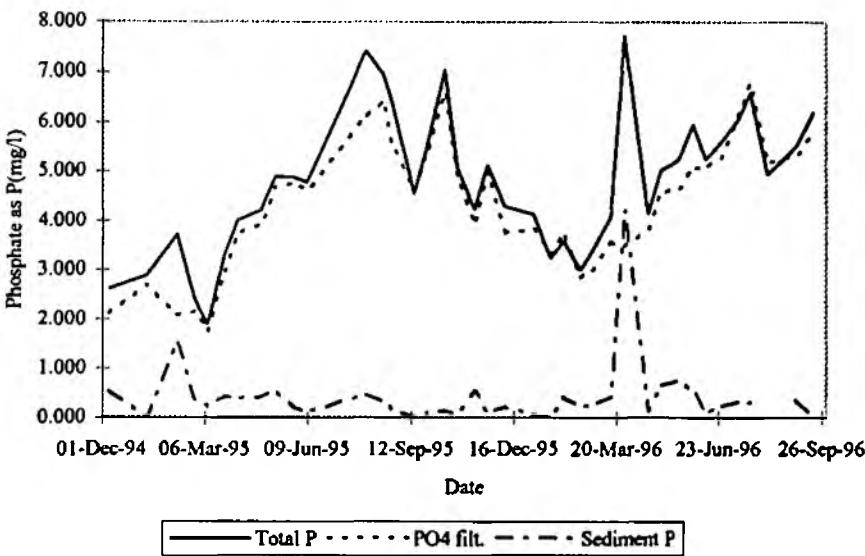
### pH at Chipping Campden STW



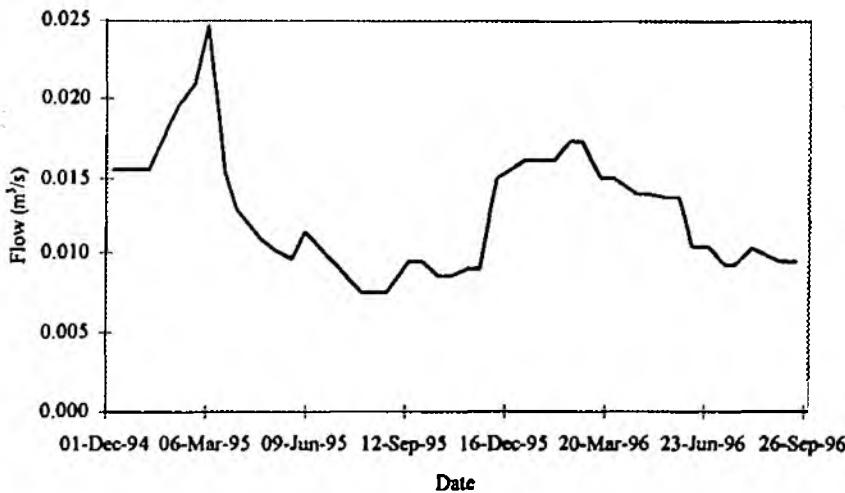
(Figure 75 cont.)

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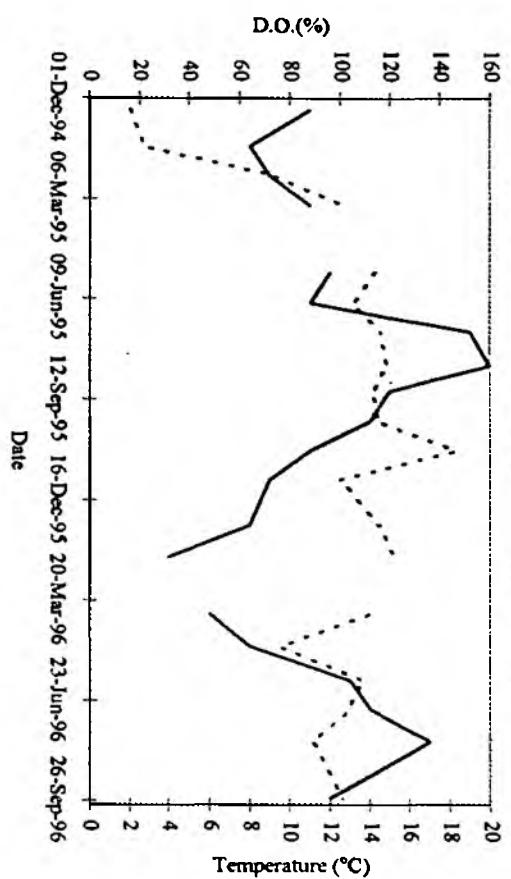
### P at Chipping Campden STW



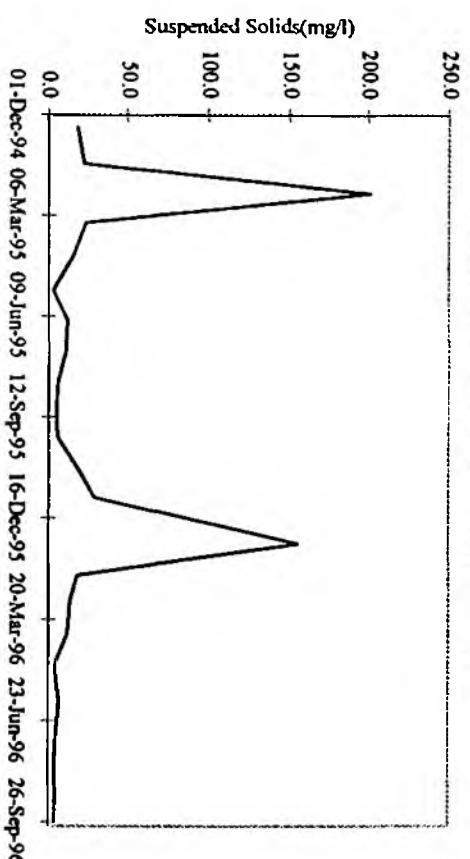
### Flow at Chipping Campden STW



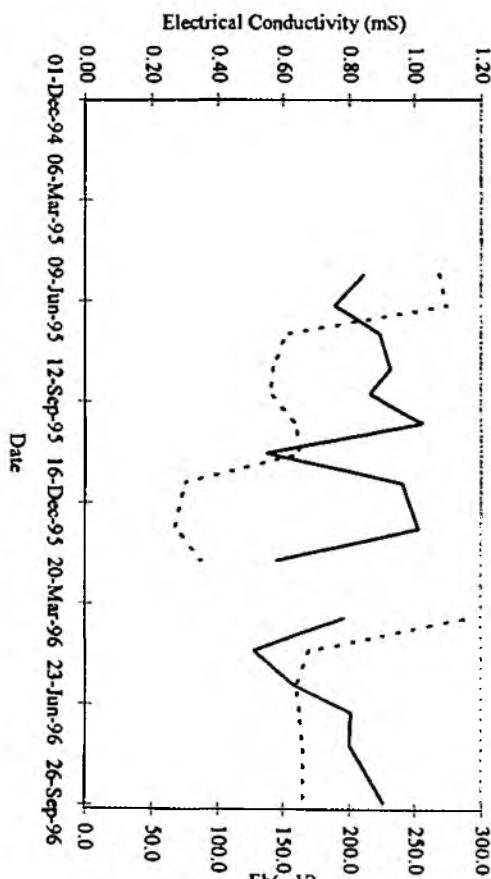
D.O. and Temperature at Paxford(Knee Brook)



Suspended Solids at Paxford(Knee Brook)



Electrical Conductivity and Eh at Paxford(Knee Brook)



B.O.D. and C.O.D. at Paxford(Knee Brook)

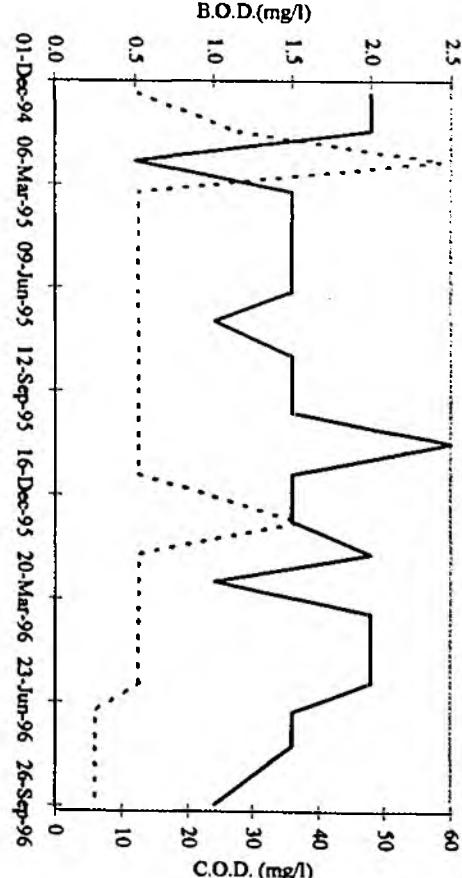
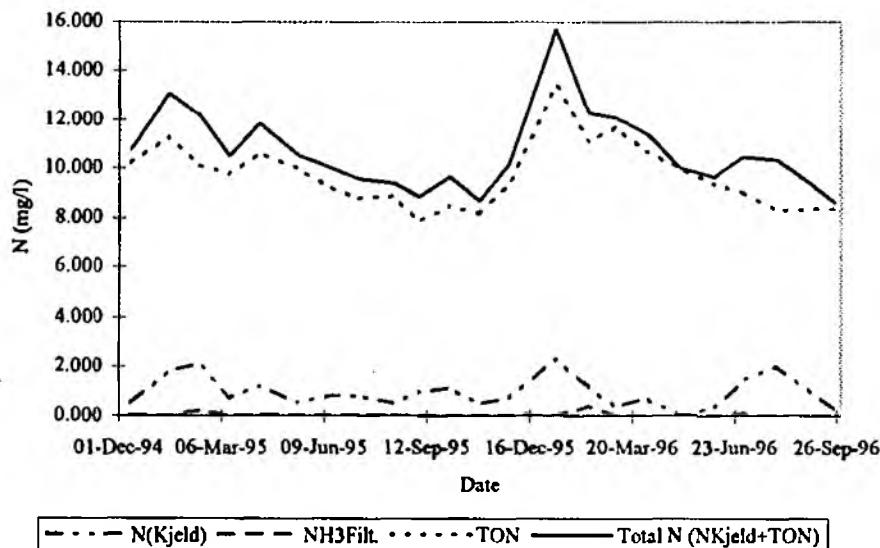
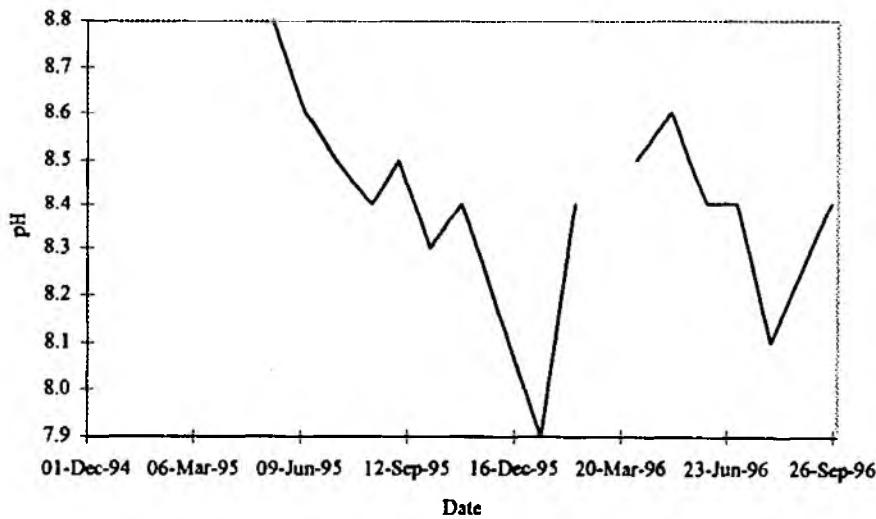


Figure 76 Paxford (Knee Brook)

### N at Paxford(Knee Brook)



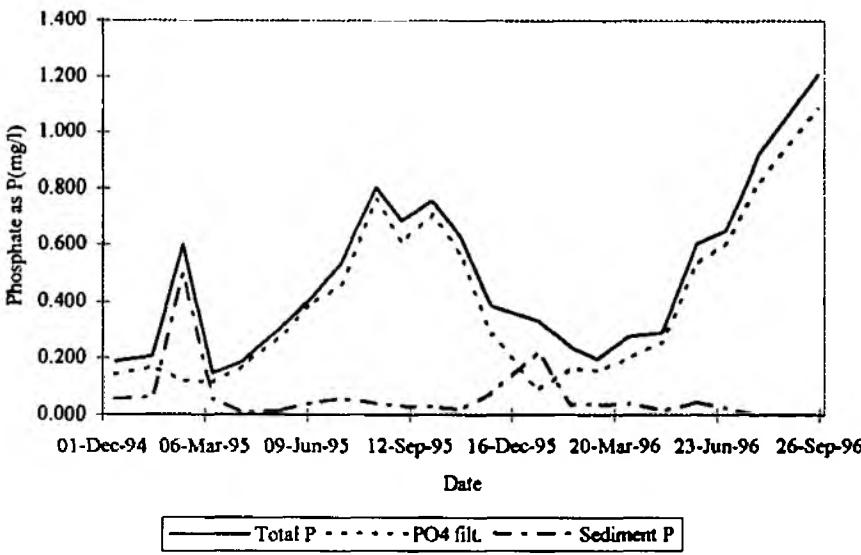
### pH at Paxford(Knee Brook)



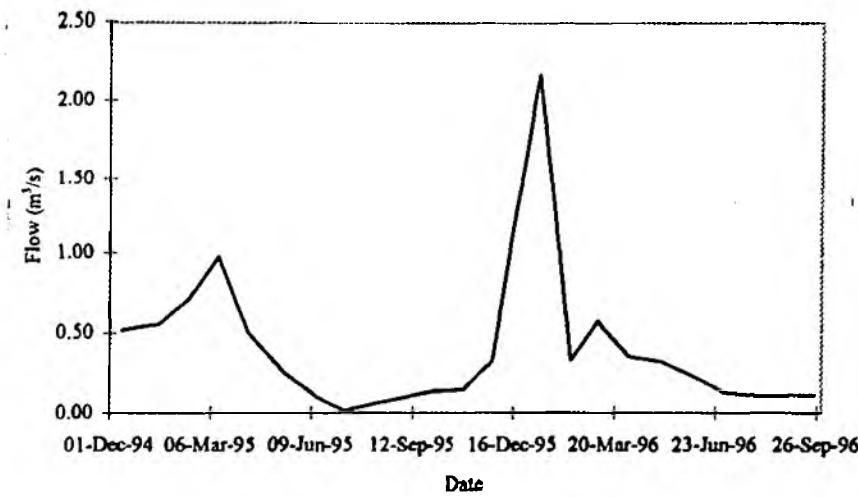
(Figure 76 cont.)

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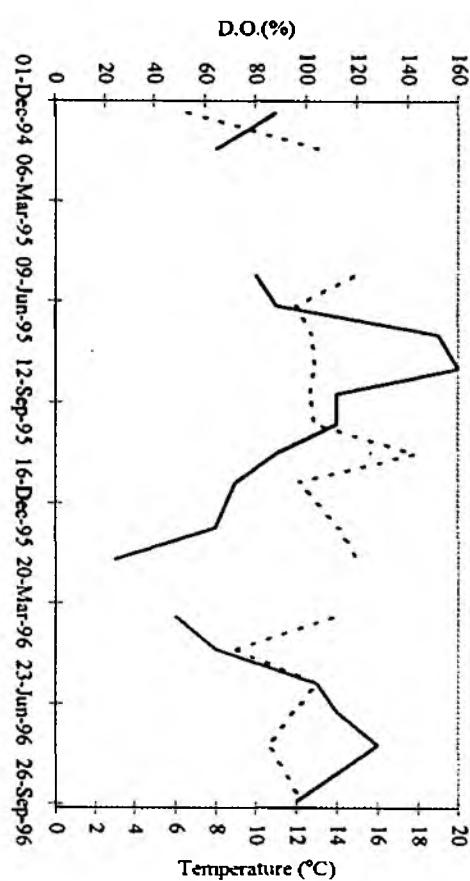
### P at Paxford(Knee Brook)



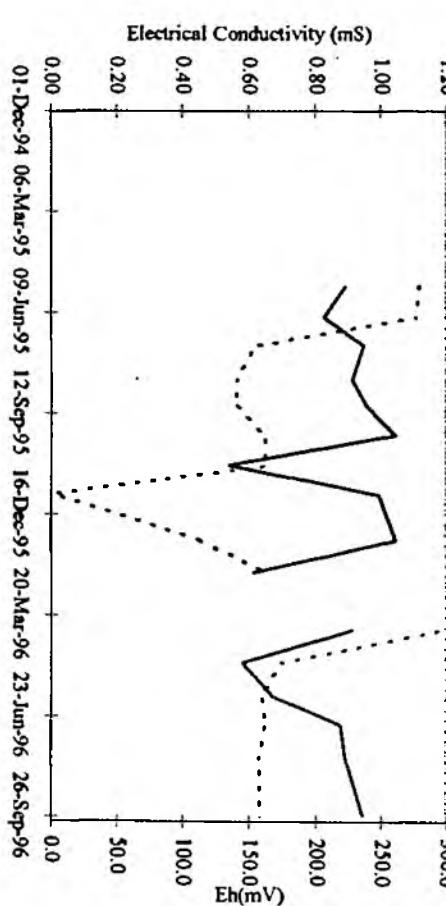
### Flow at Paxford(Knee Brook)



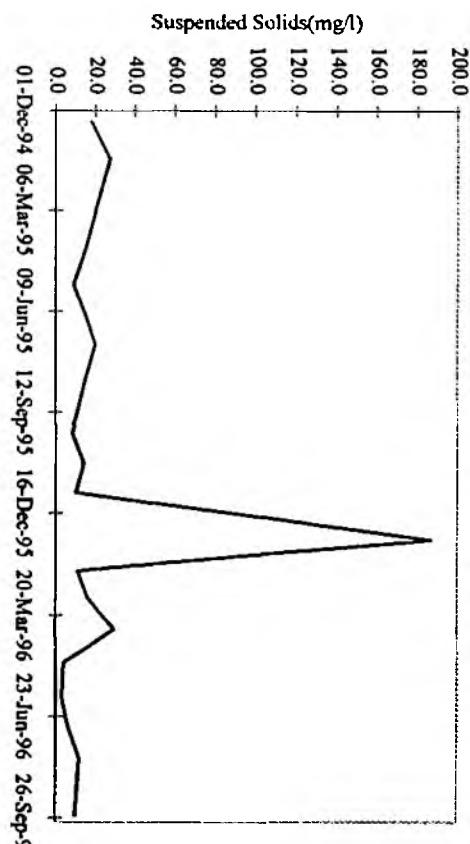
D.O. and Temperature at High Furze(Knee Brook)



Electrical Conductivity and Eh at High Furze(Knee Brook)



Suspended Solids at High Furze(Knee Brook)



B.O.D. and C.O.D. at High Furze(Knee Brook)

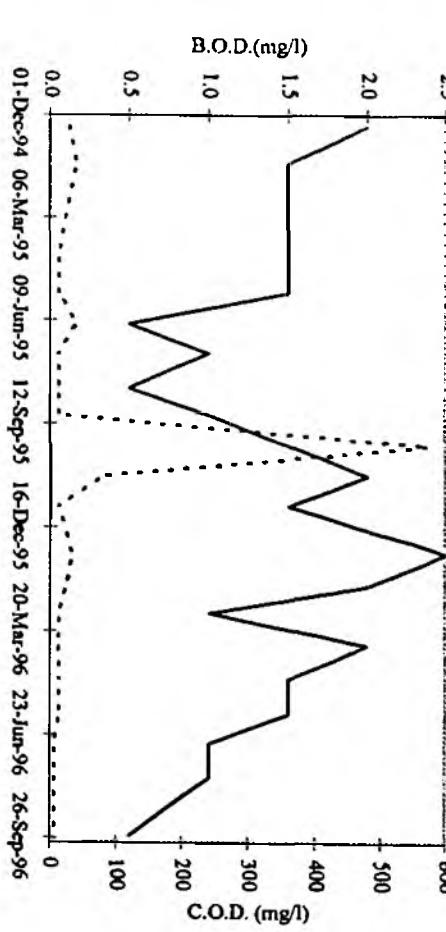
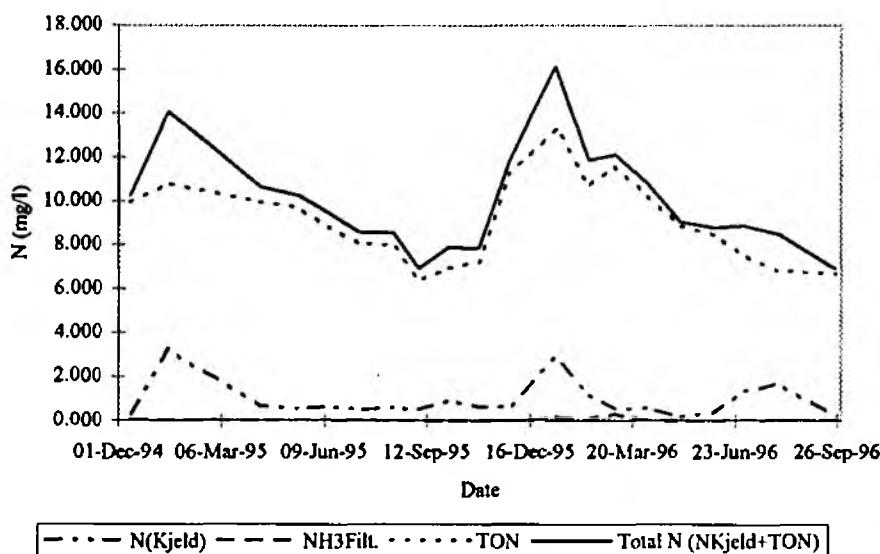
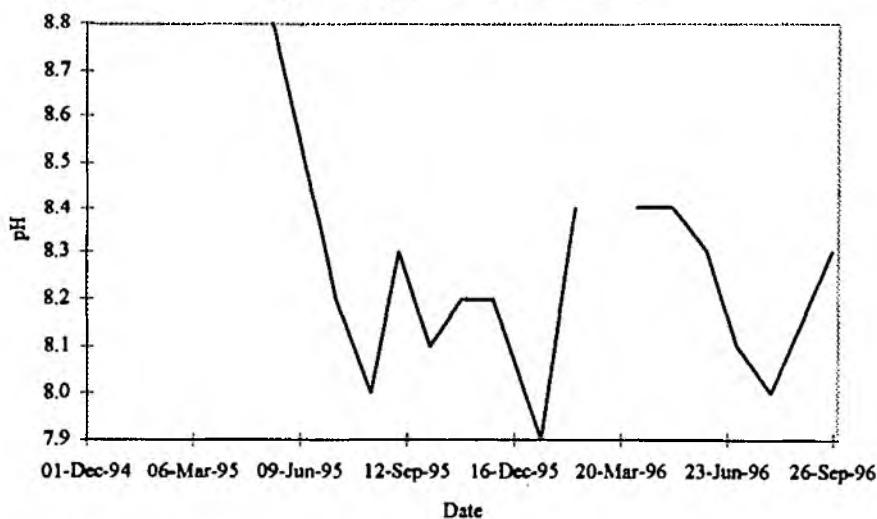


Figure 77 High Furze (Knee Brook)

### N at High Furze(Knee Brook)



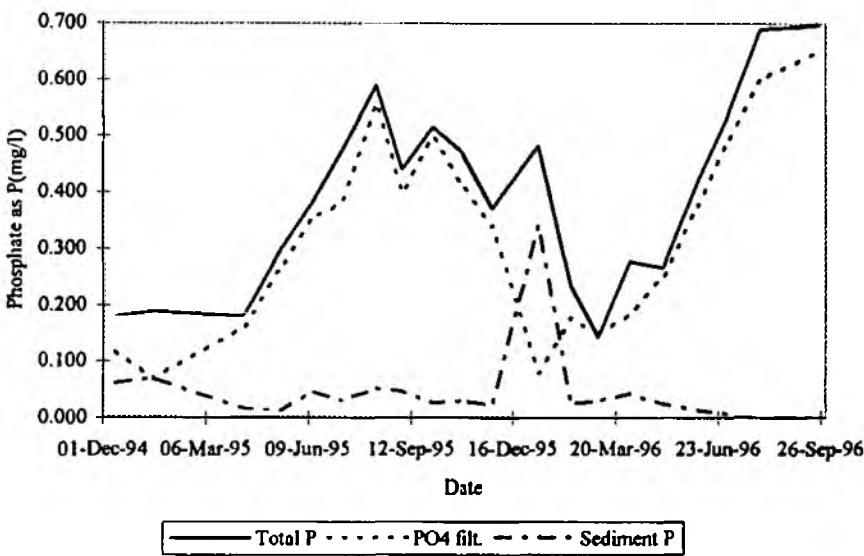
### pH at High Furze(Knee Brook)



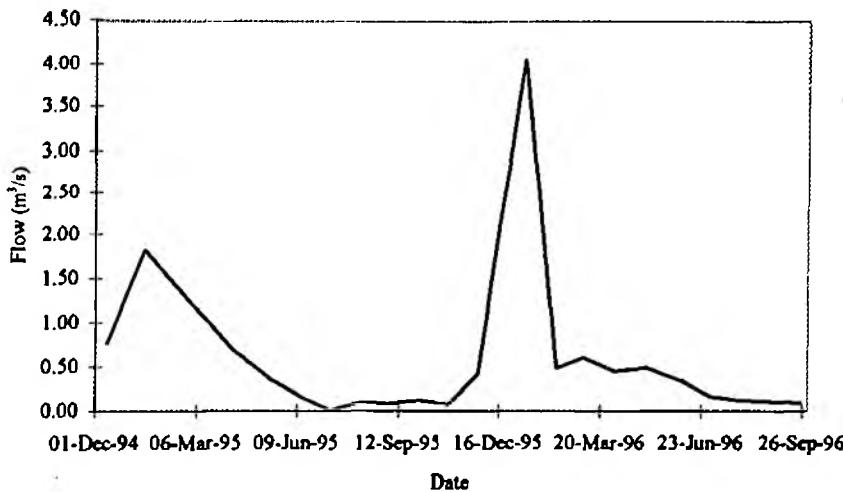
(Figure 77 cont.)

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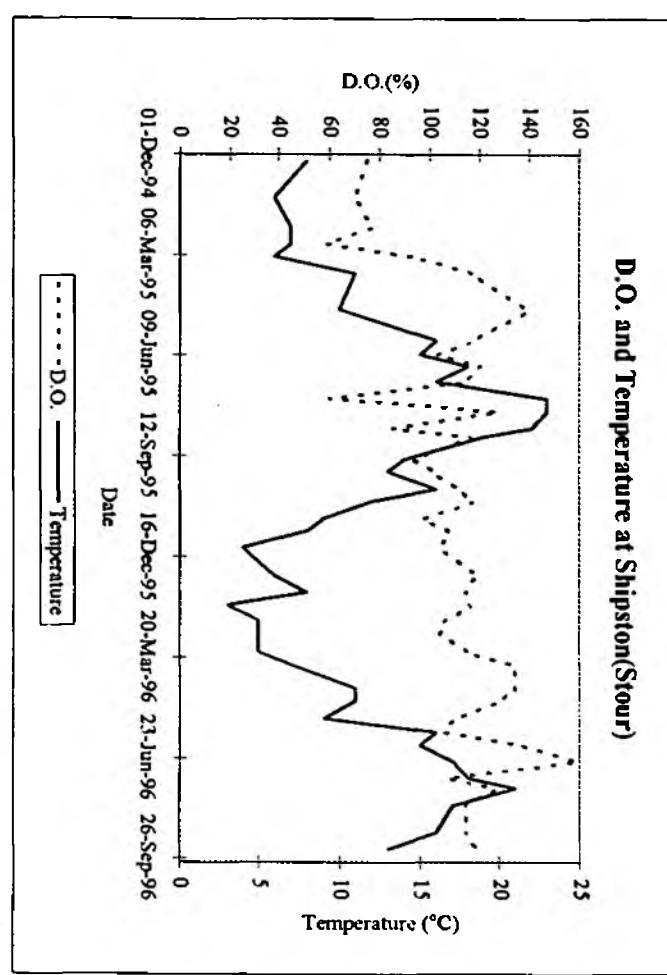
### P at High Furze(Knee Brook)



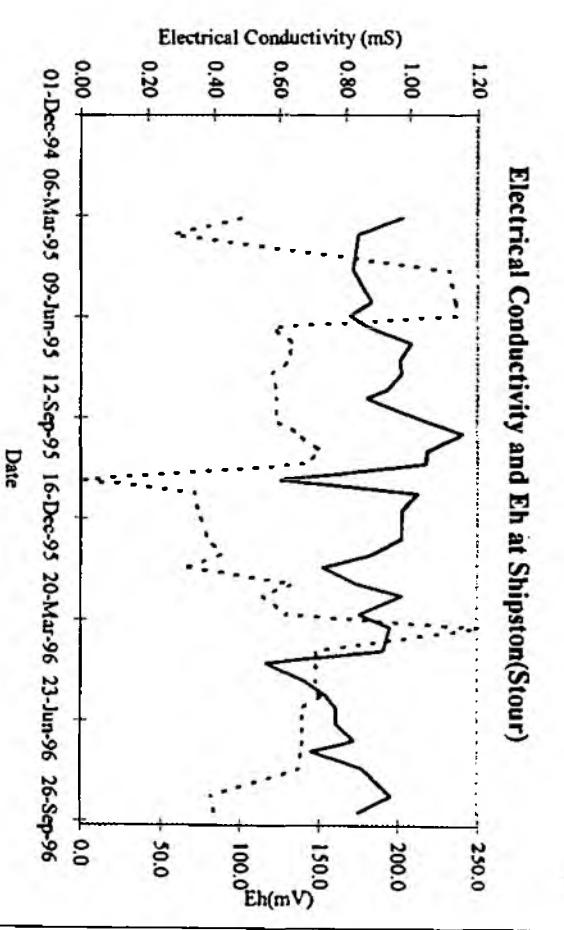
### Flow at High Furze(Knee Brook)



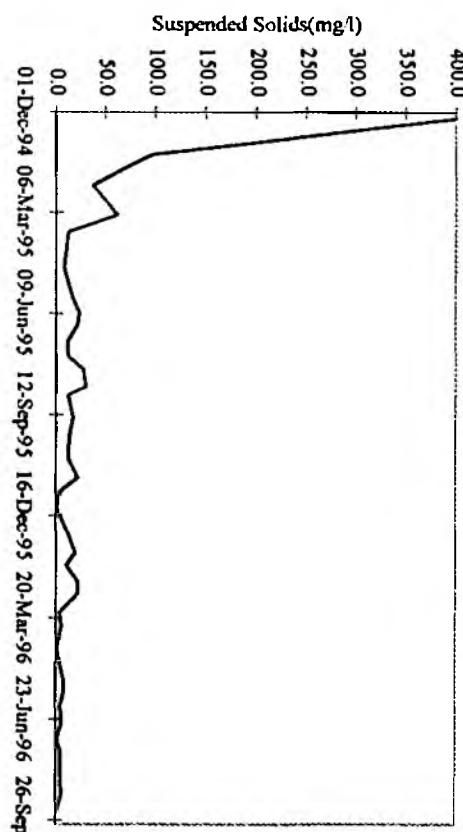
D.O. and Temperature at Shipston(Stour)



Electrical Conductivity and Eh at Shipston(Stour)



Suspended Solids at Shipston(Stour)



B.O.D. and C.O.D. at Shipston(Stour)

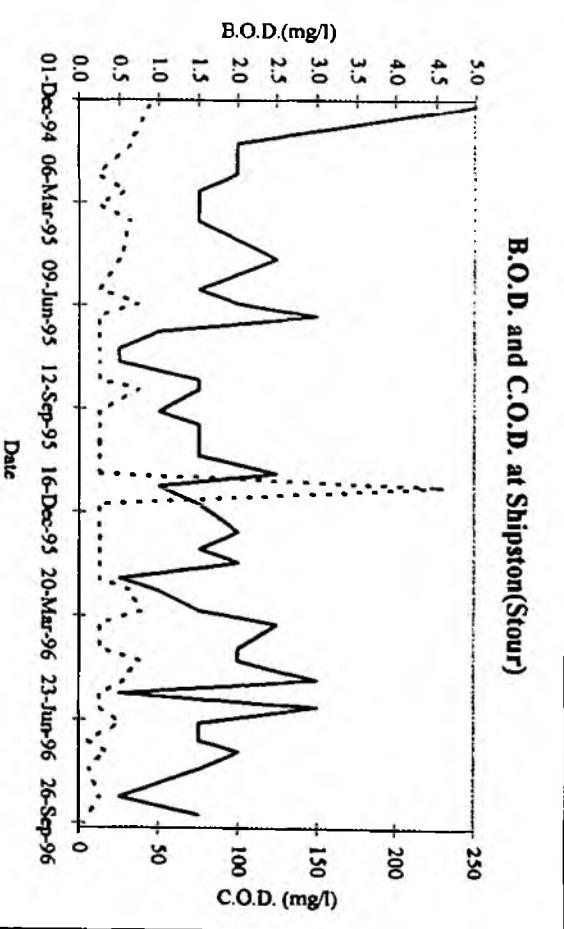
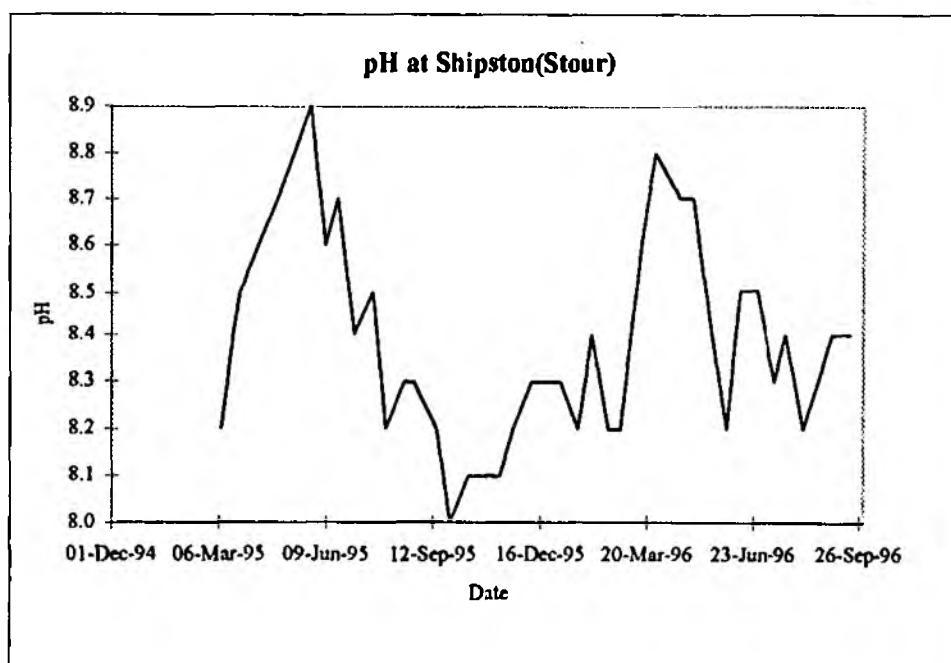
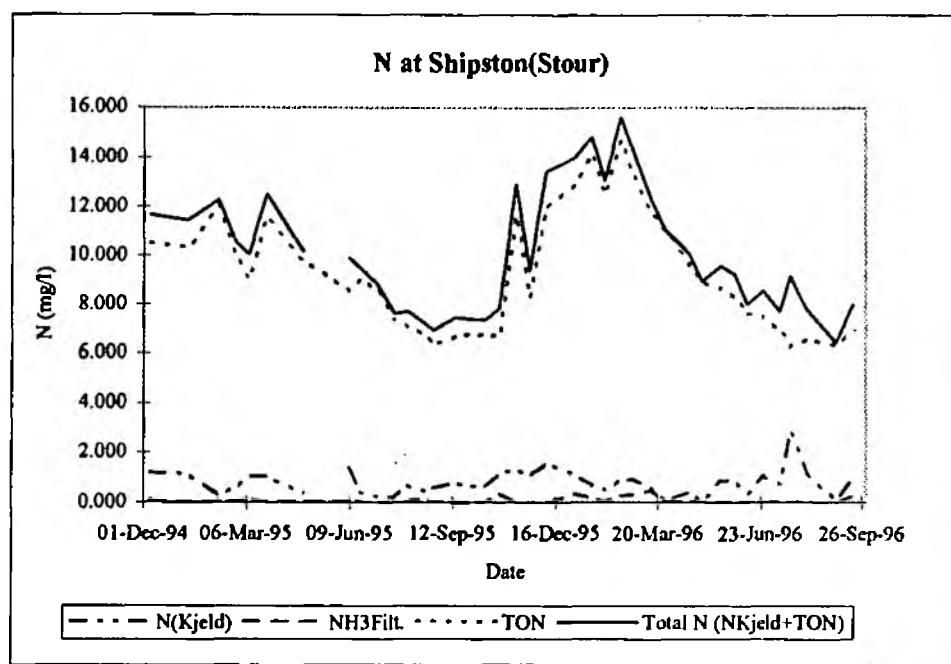


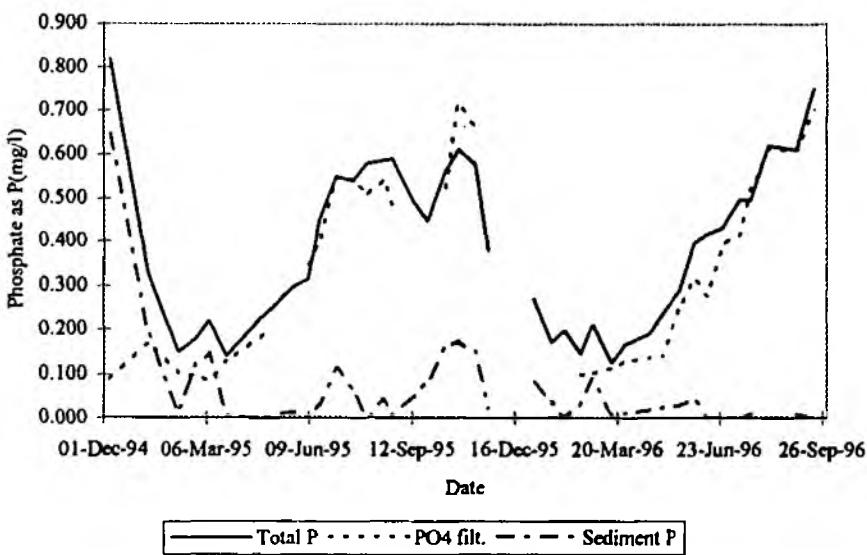
Figure 78 Shipston (Stour)



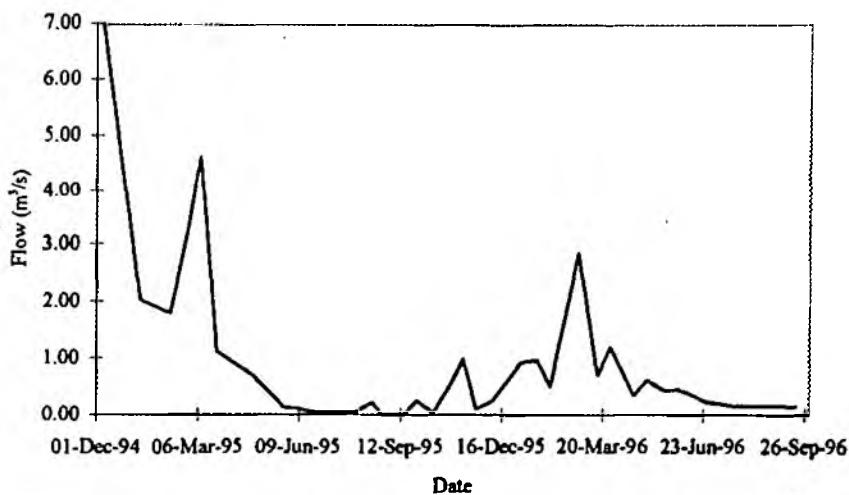
(Figure 78 cont.)

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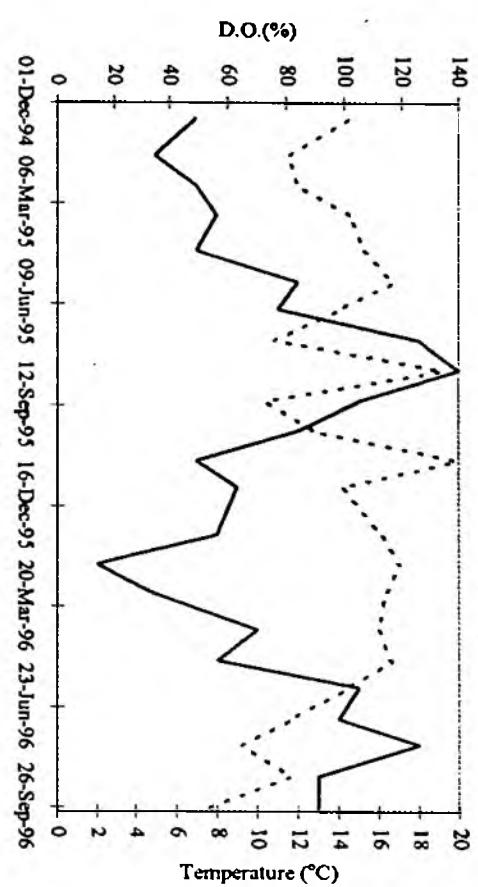
P at Shipston(Stour)



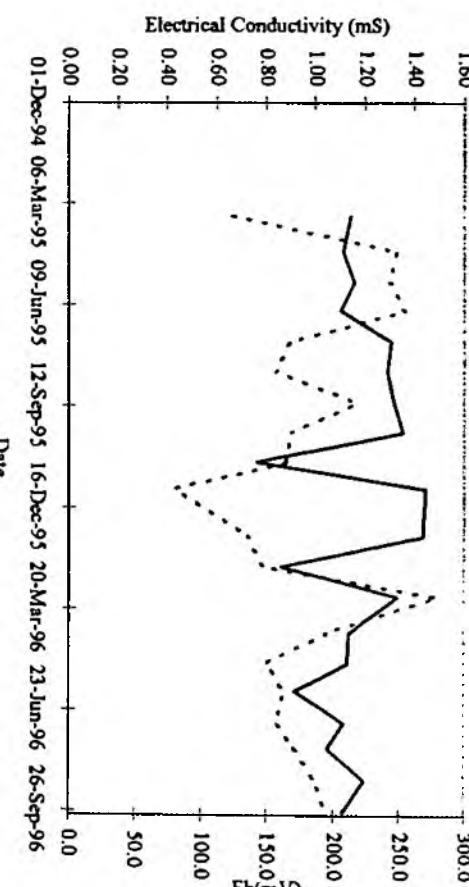
Flow at Shipston(Stour)



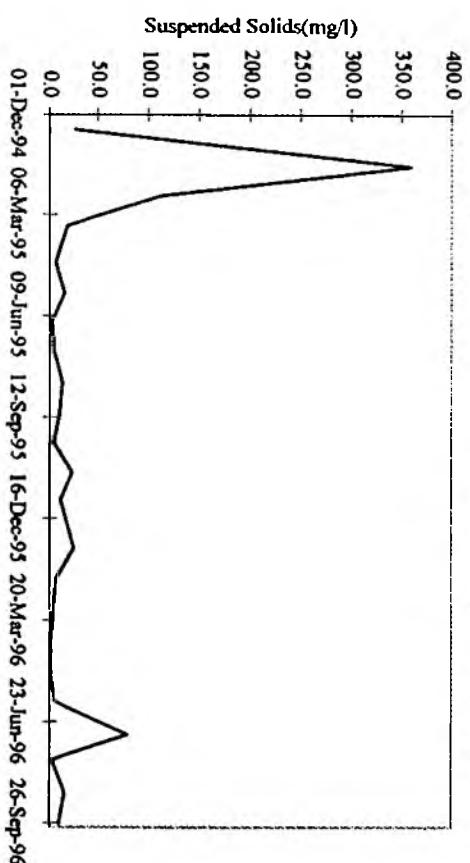
D.O. and Temperature at Wynyates Brook (conf. Stour)



Electrical Cond. and Eh at Wynyates' Brook (conf. Stour)



Suspended Solids at Wynyates Brook (conf. Stour)



B.O.D. and C.O.D. at Wynyates Brook (conf. Stour)

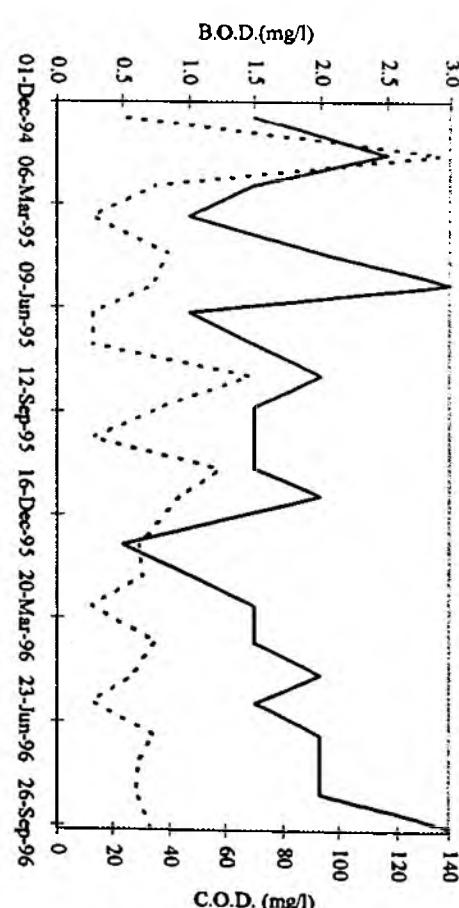
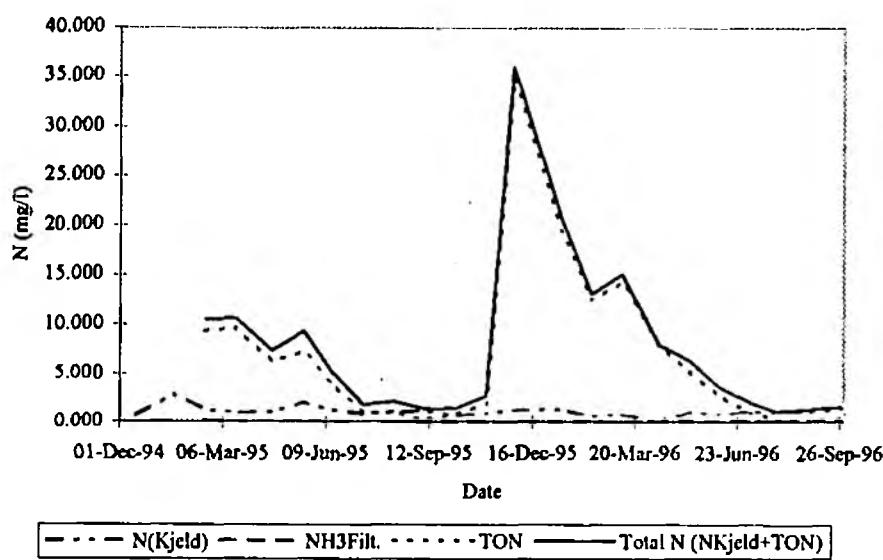
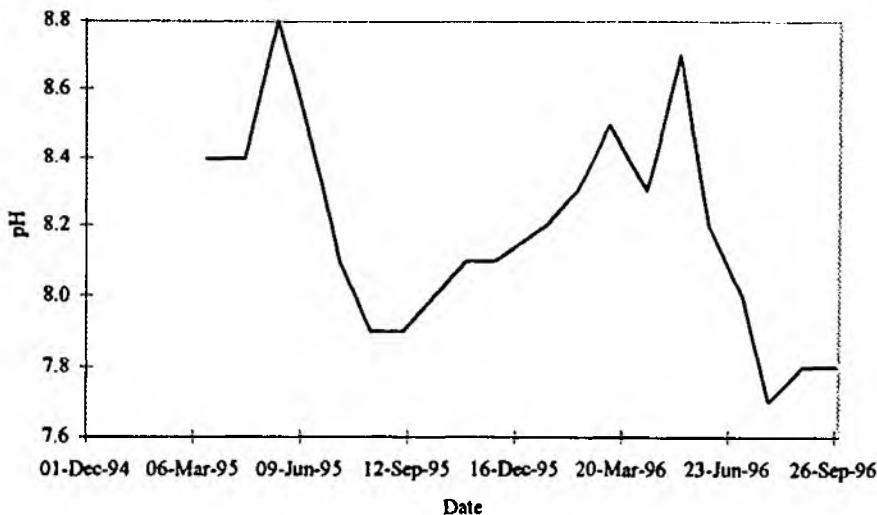


Figure 79 Wynyates Brook (conf. Stour)

### N at Wynyates Brook (confl. Stour)



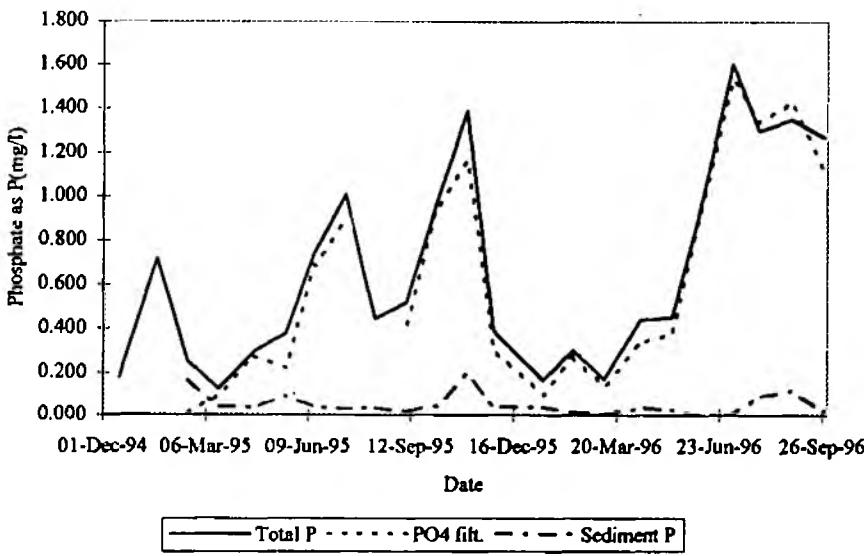
### pH at Wynyates Brook (confl. Stour)



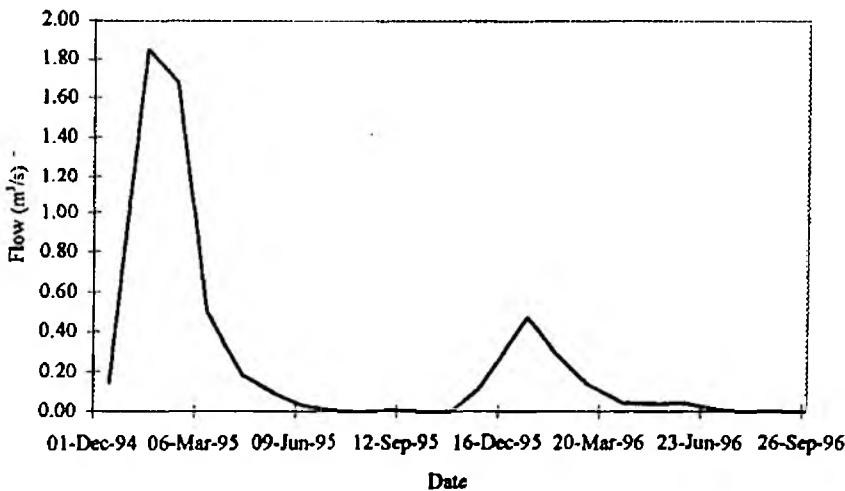
(Figure 79 cont.)

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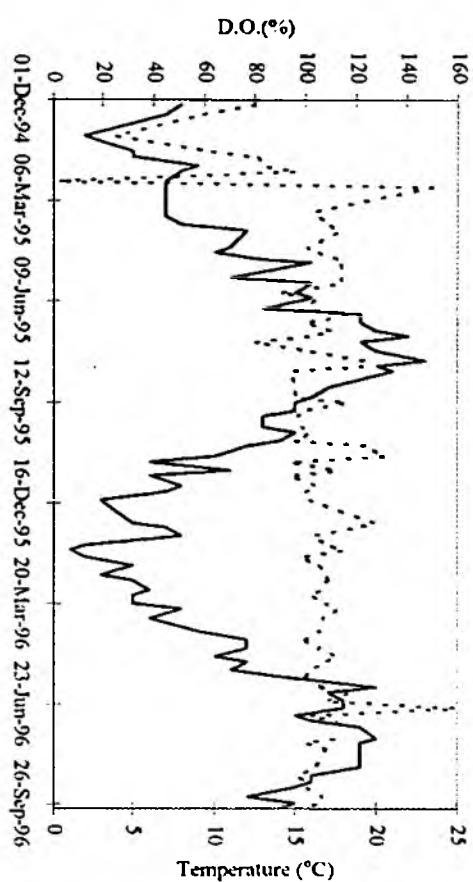
**P at Wynyates Brook (confl. Stour)**



**Flow at Wynyates Brook (confl. Stour)**

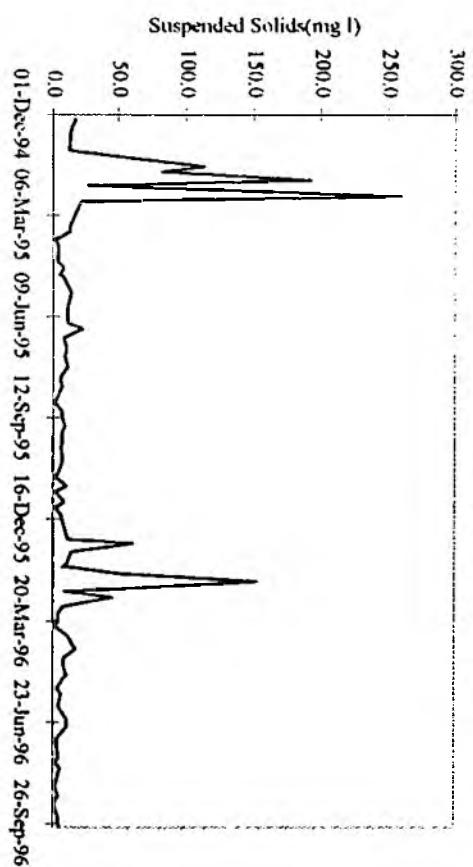


D.O. and Temperature at Clifford Chambers(Stour)

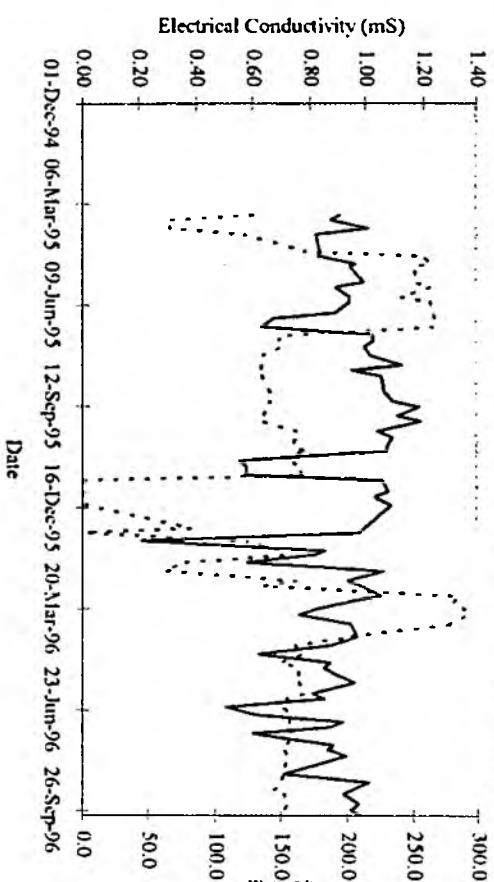


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Suspended Solids at Clifford Chambers(Stour)



Electrical Conductivity and Eh at Clifford Chambers(Stour)



B.O.D. and C.O.D. at Clifford Chambers(Stour)

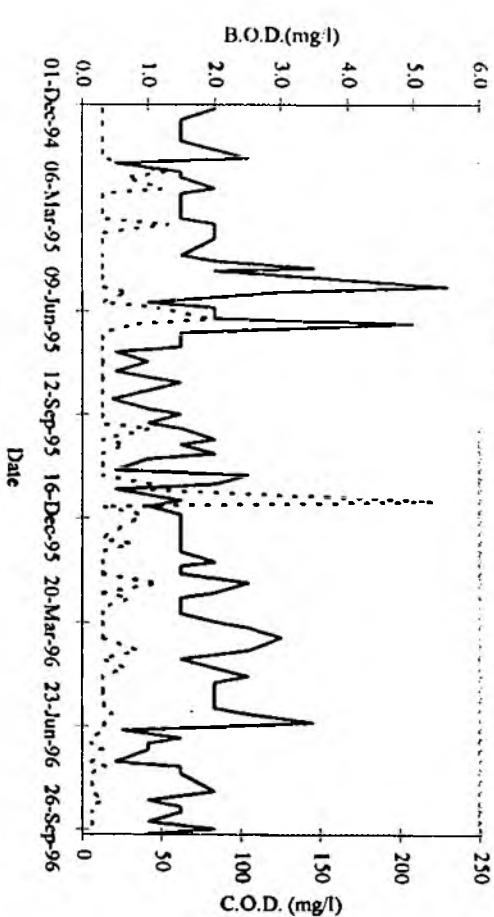
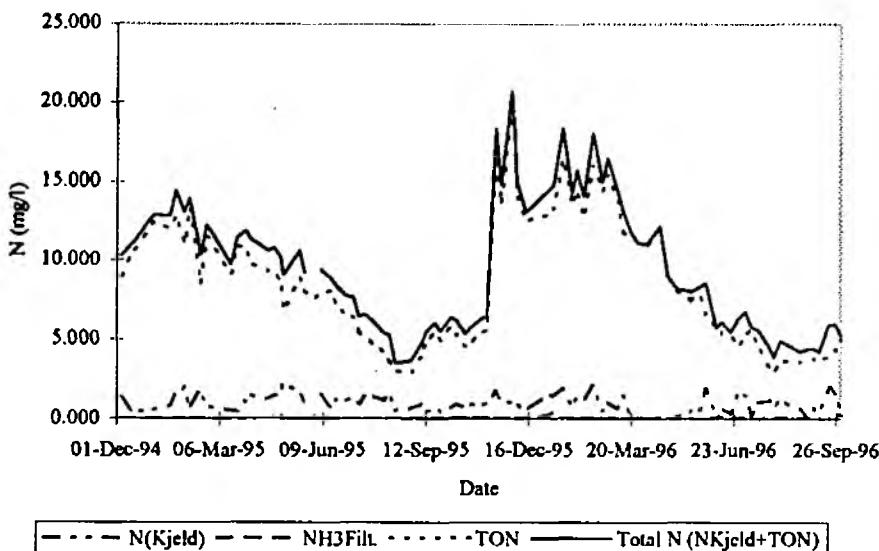
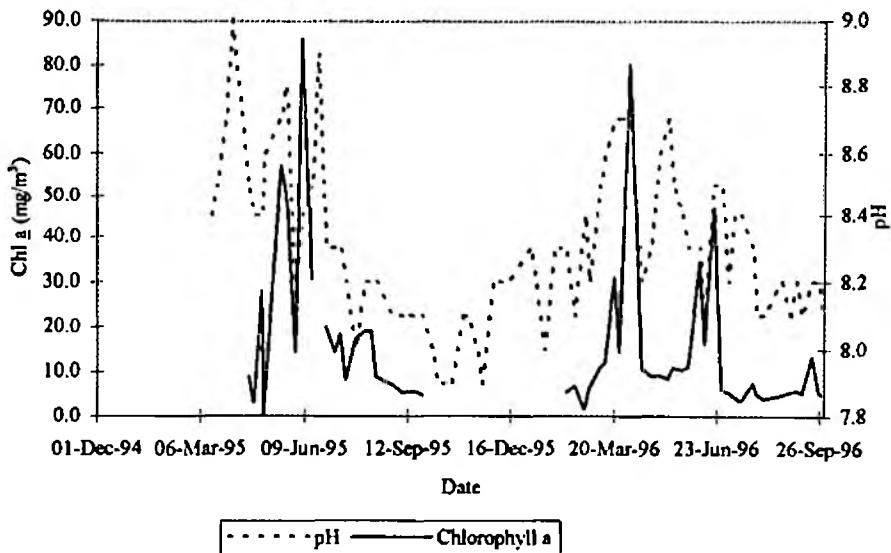


Figure 80 Clifford Chambers (Stour)

### N at Clifford Chambers(Stour)



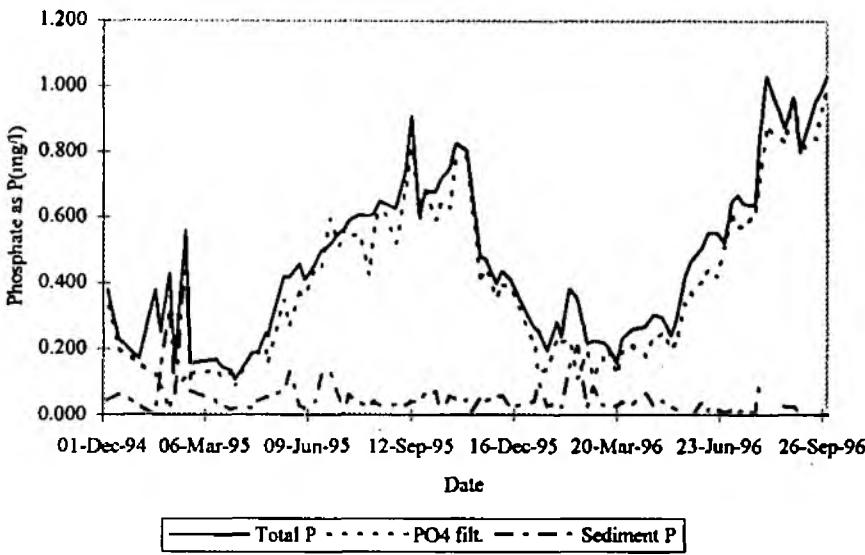
### Chlorophyll a and pH at Clifford Chambers(Stour)



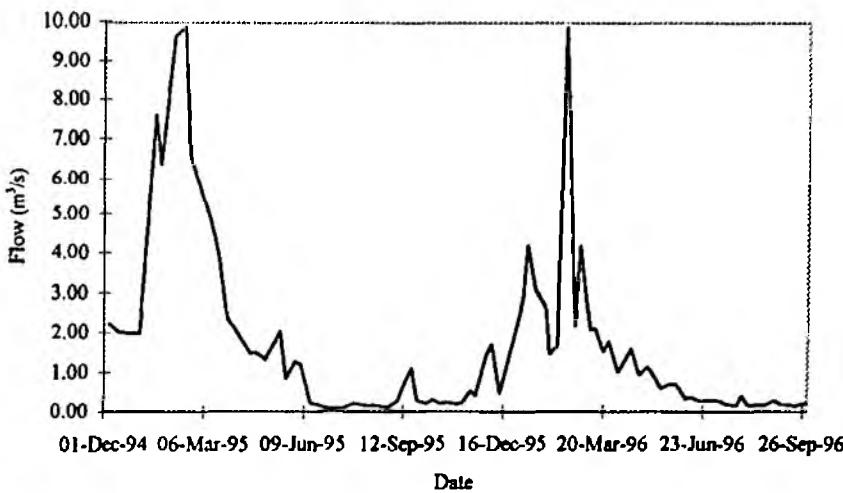
(Figure 80 cont.)

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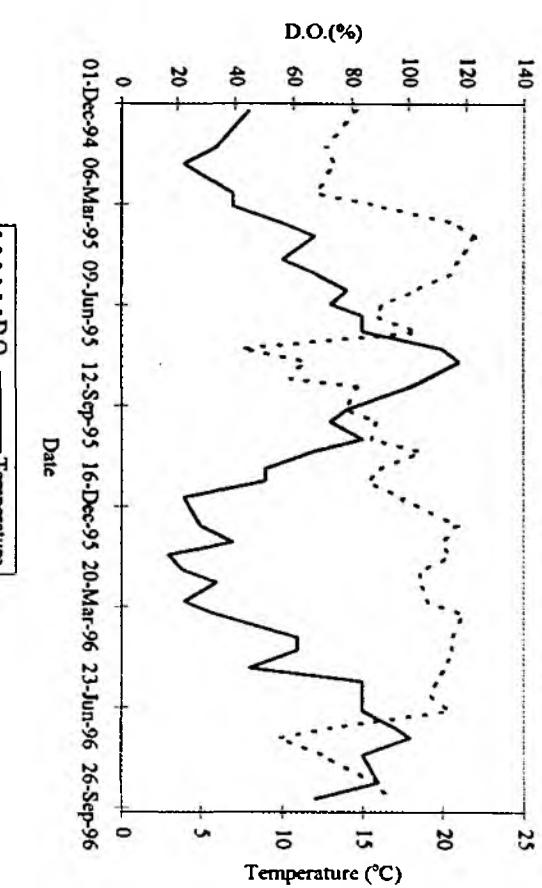
### P at Clifford Chambers(Stour)



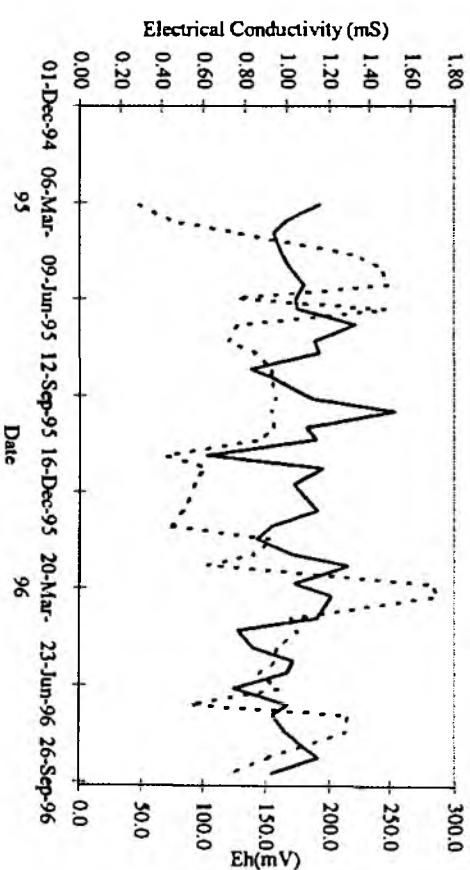
### Flow at Clifford Chambers(Stour)



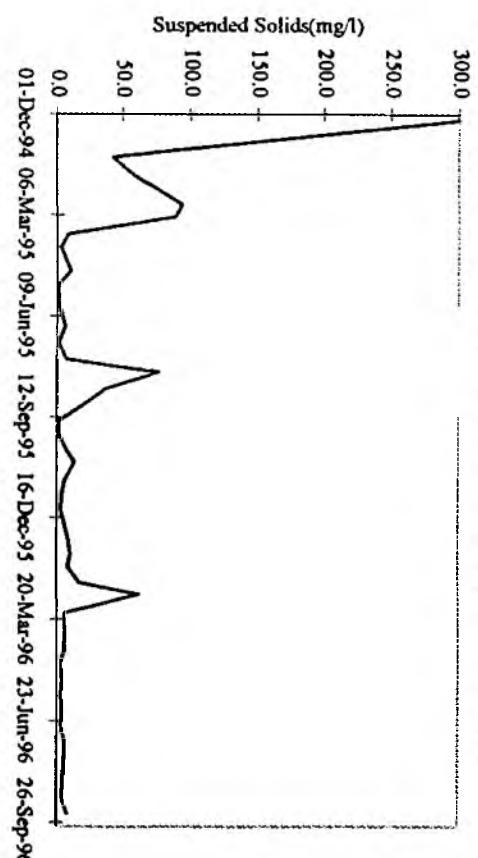
D.O. and Temperature at Noleham Bk.(Welford Pastures)



Electrical Cond. and Eh at Noleham Bk.(Welford Pastures)



Suspended Solids at Noleham Bk.(Welford Pastures)



B.O.D. and C.O.D. at Noleham Bk.(Welford Pastures)

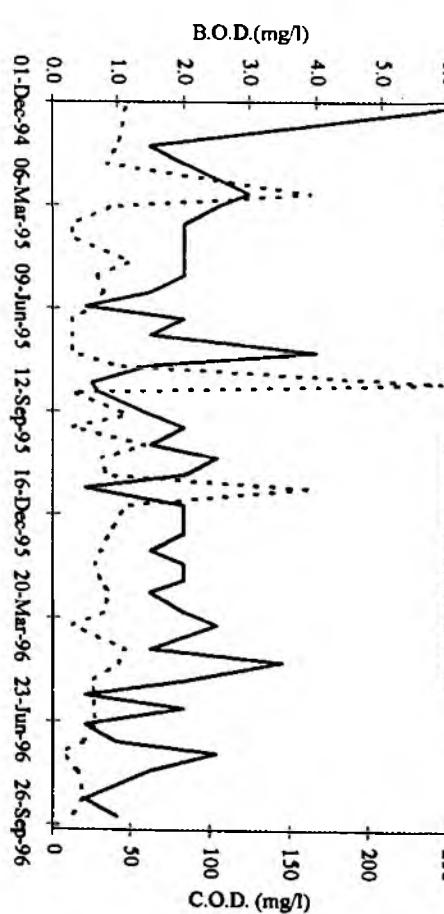
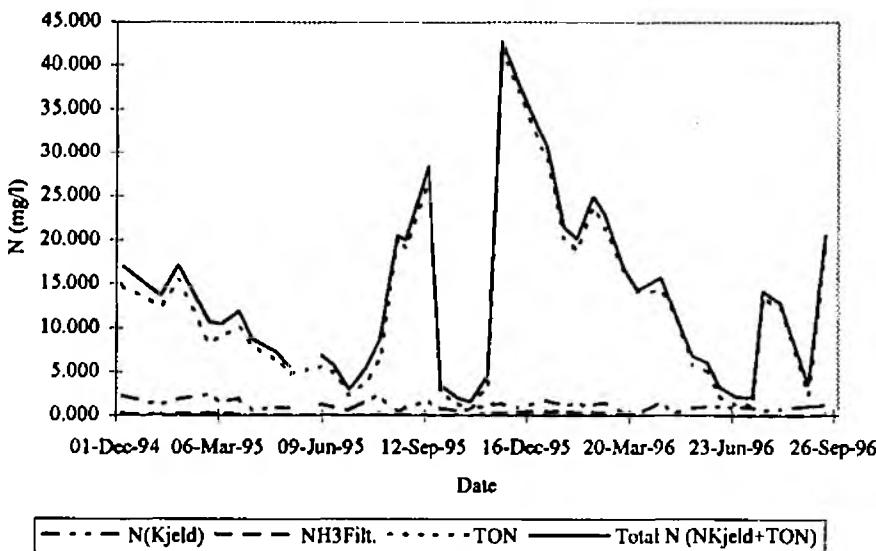
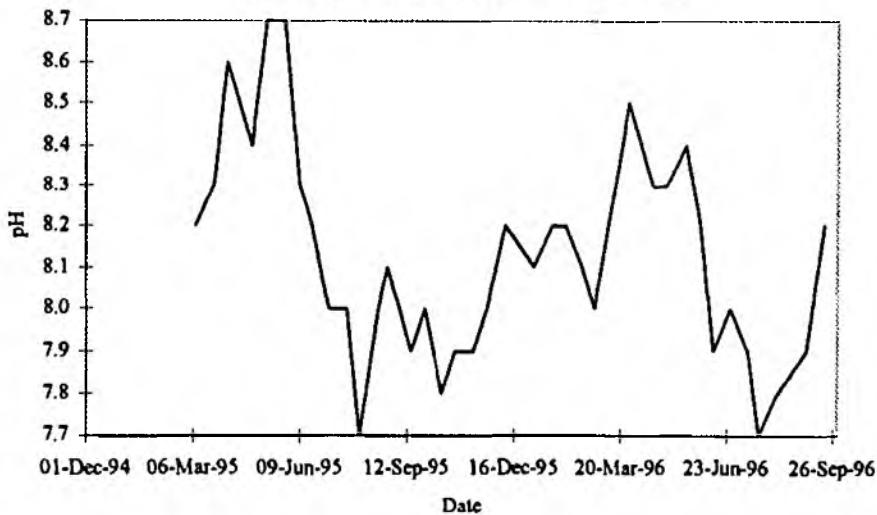


Figure 81 Noleham Bk. (Welford Pastures)

### N at Noleham Bk.(Welford Pastures)



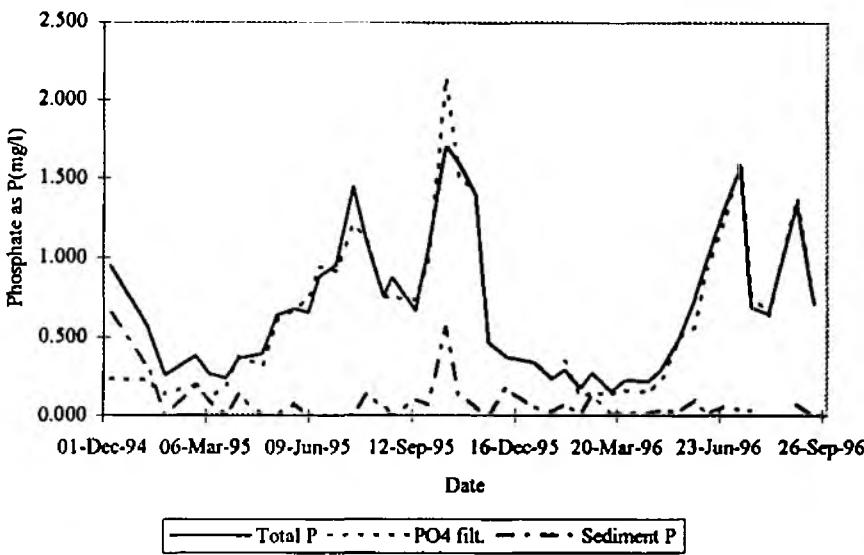
### pH at Noleham Bk.(Welford Pastures)



(Figure 81 cont.)

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P at Noleham Bk.(Welford Pastures)



Flow at Noleham Bk.(Welford Pastures)

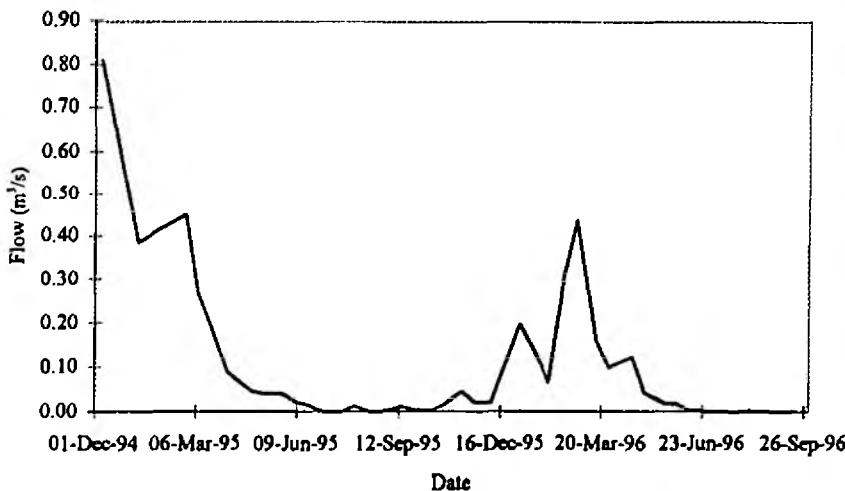
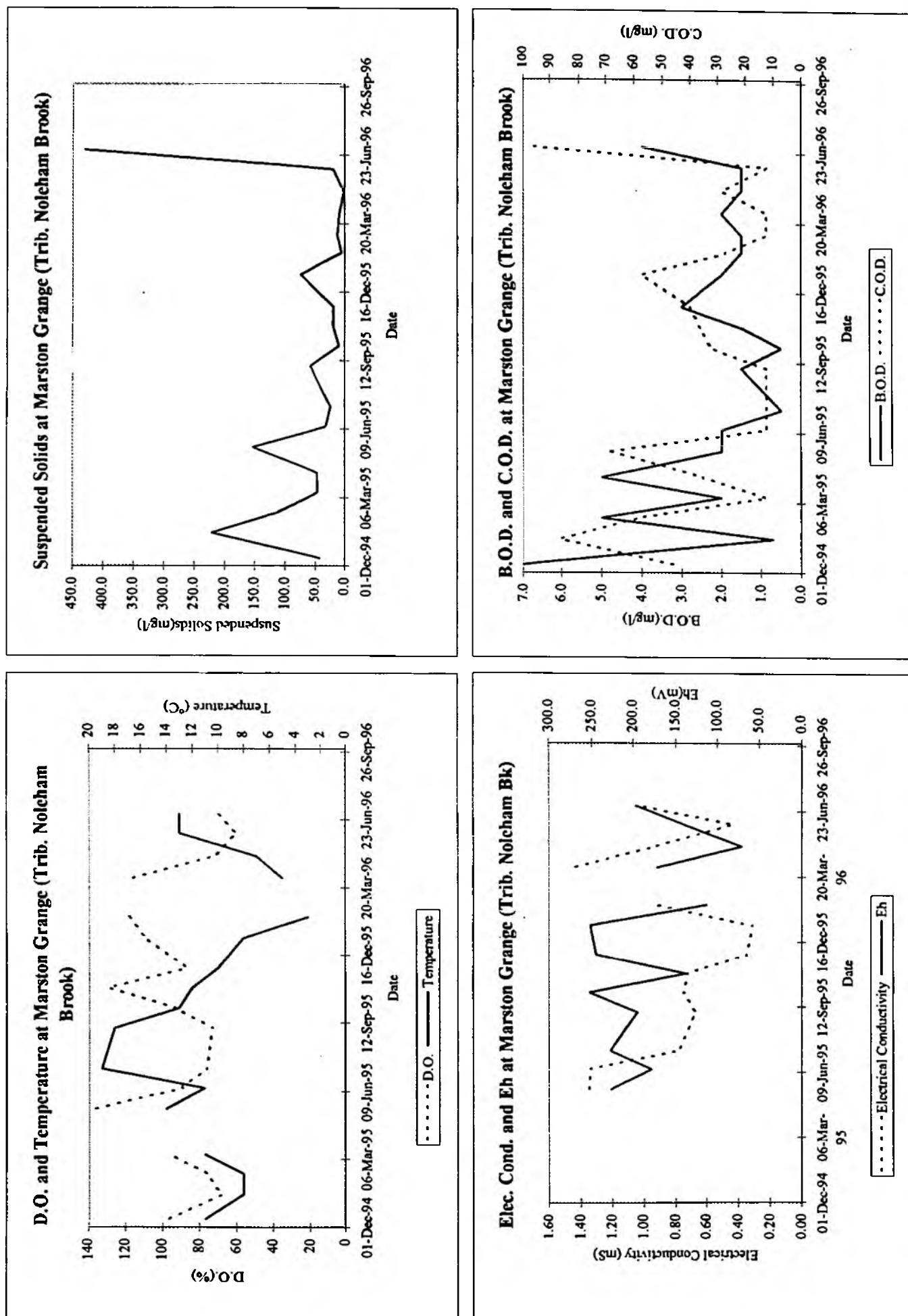
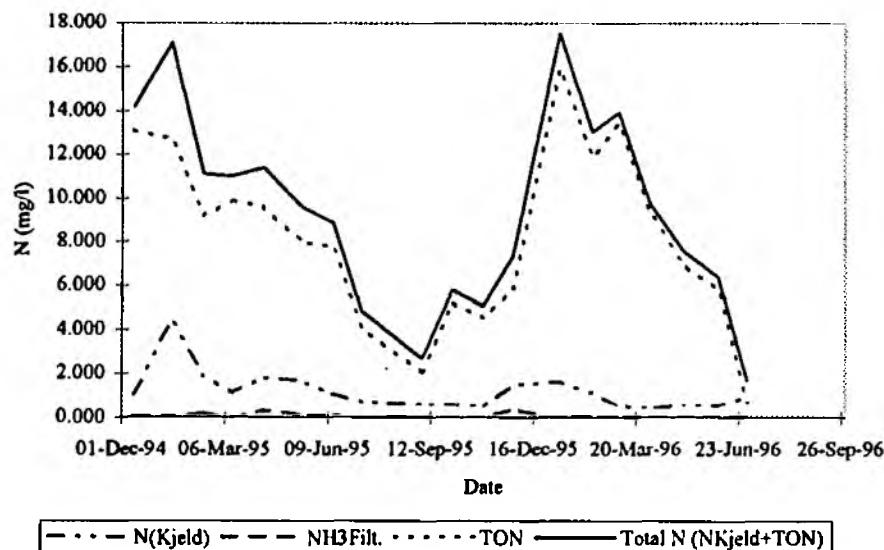


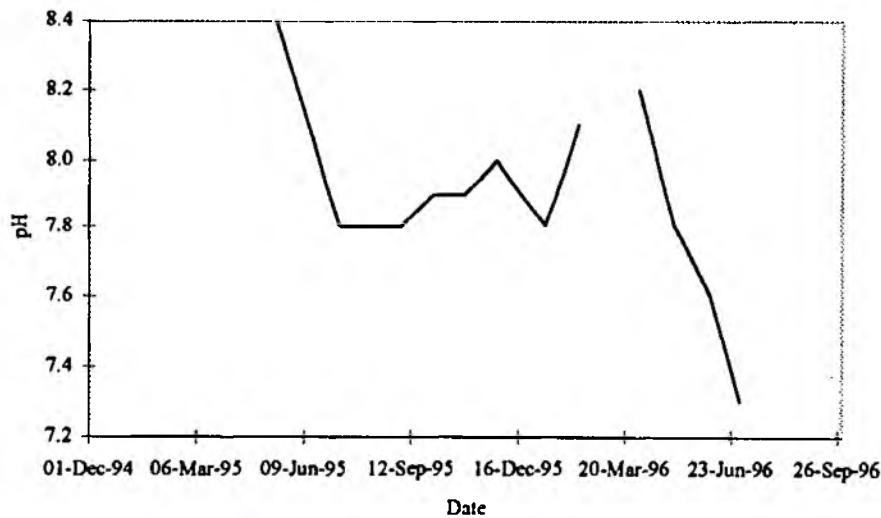
Figure 82 Marston Grange (Trib. Noleham Brook)



### N at Marston Grange (Trib. Nolcham Brook)



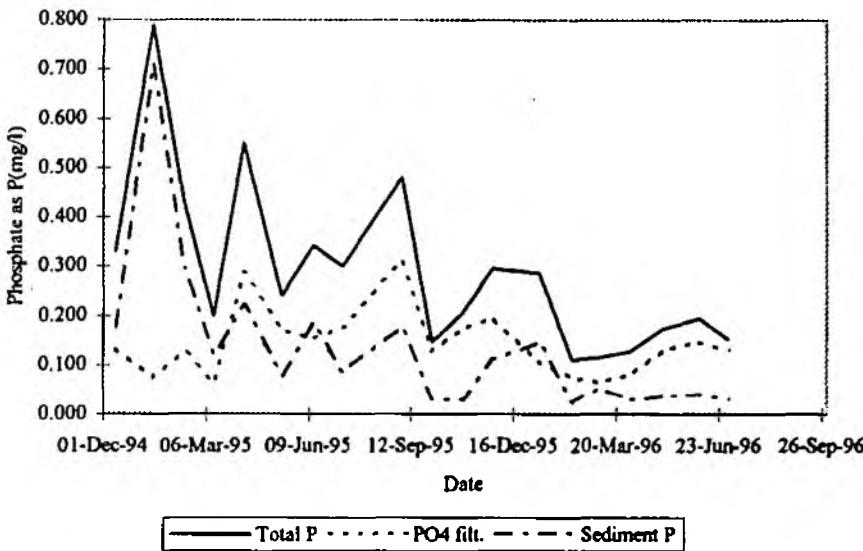
### pH at Marston Grange (Trib. Nolcham Brook)



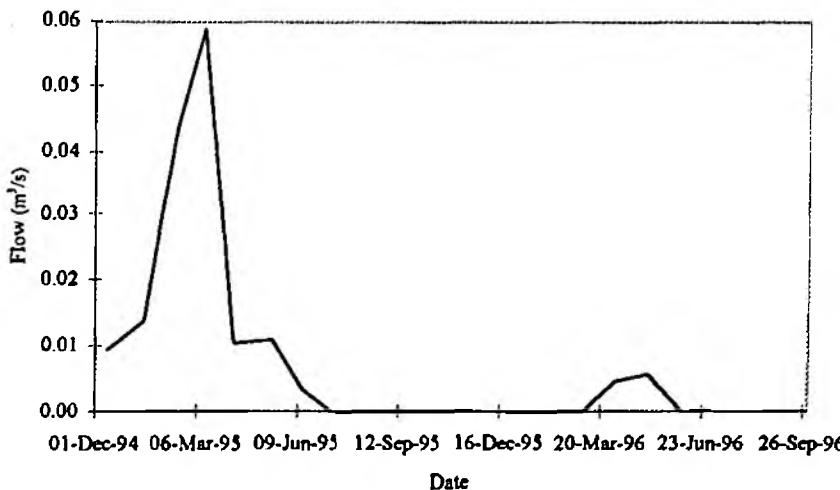
(Figure 82 cont.)

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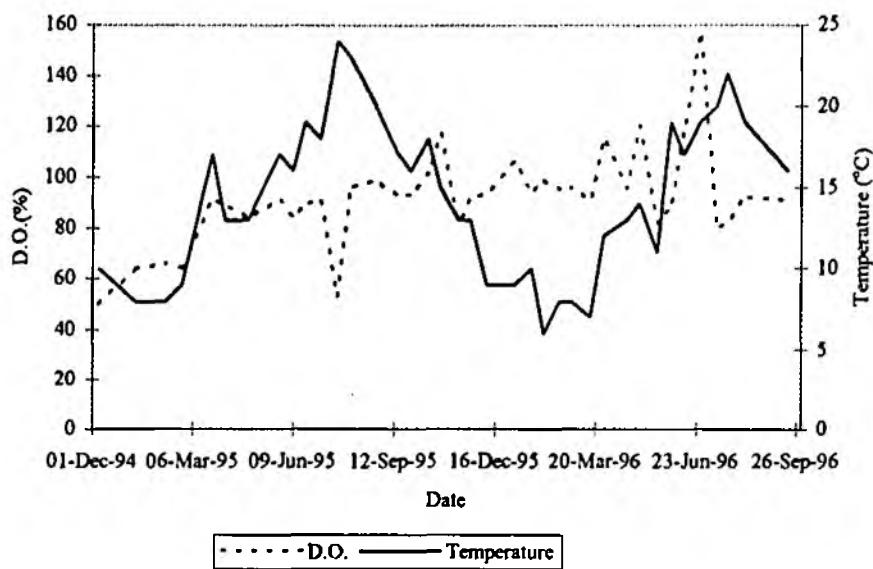
P at Marston Grange (Trib. Noleham Brook)



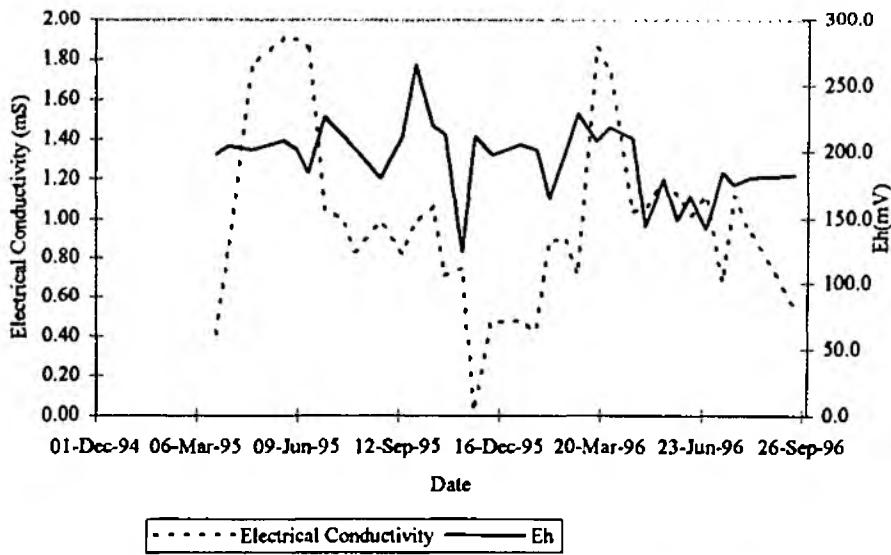
Flow at Marston Grange (Trib. Noleham Brook)



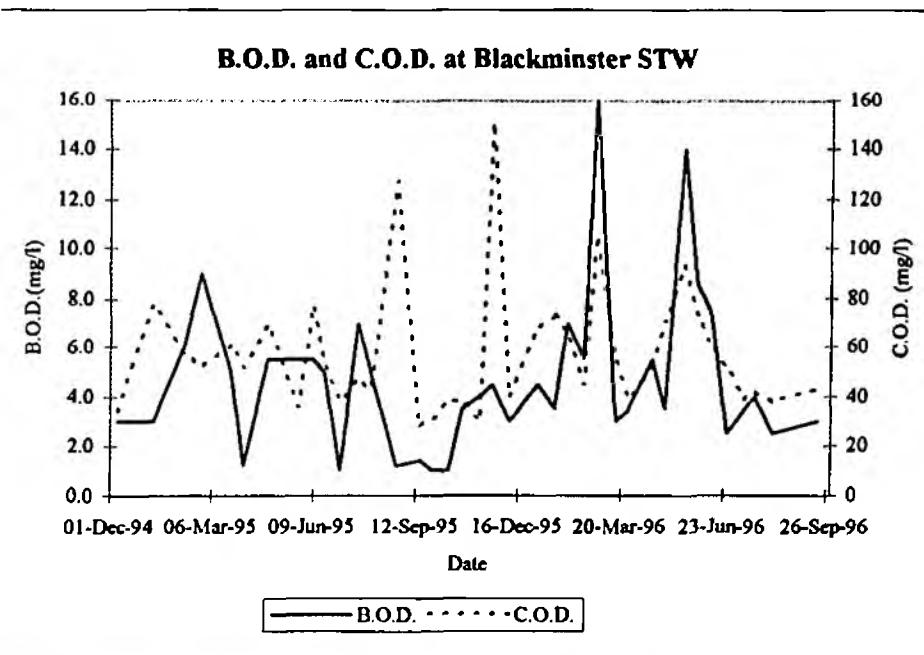
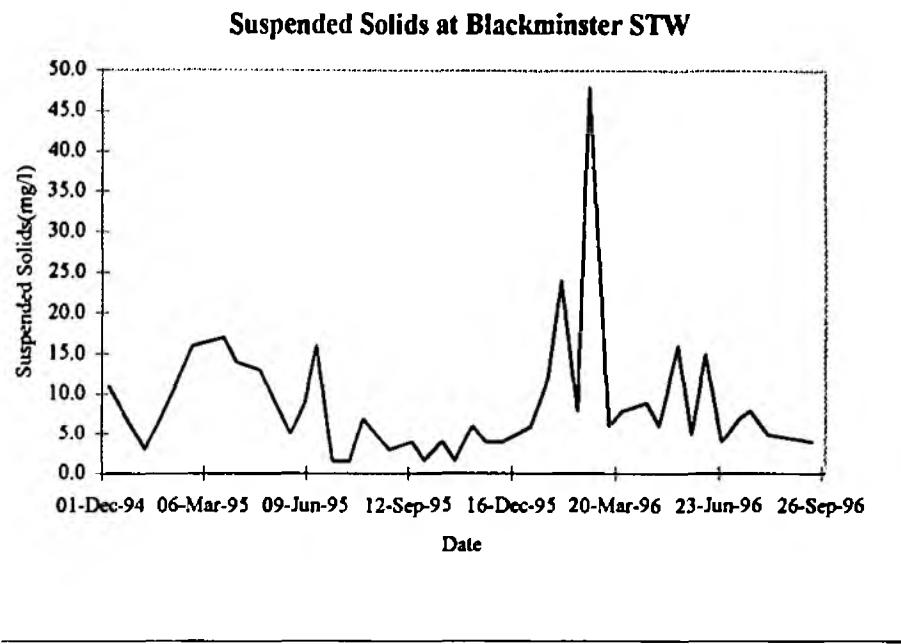
### D.O. and Temperature at Blackminster STW

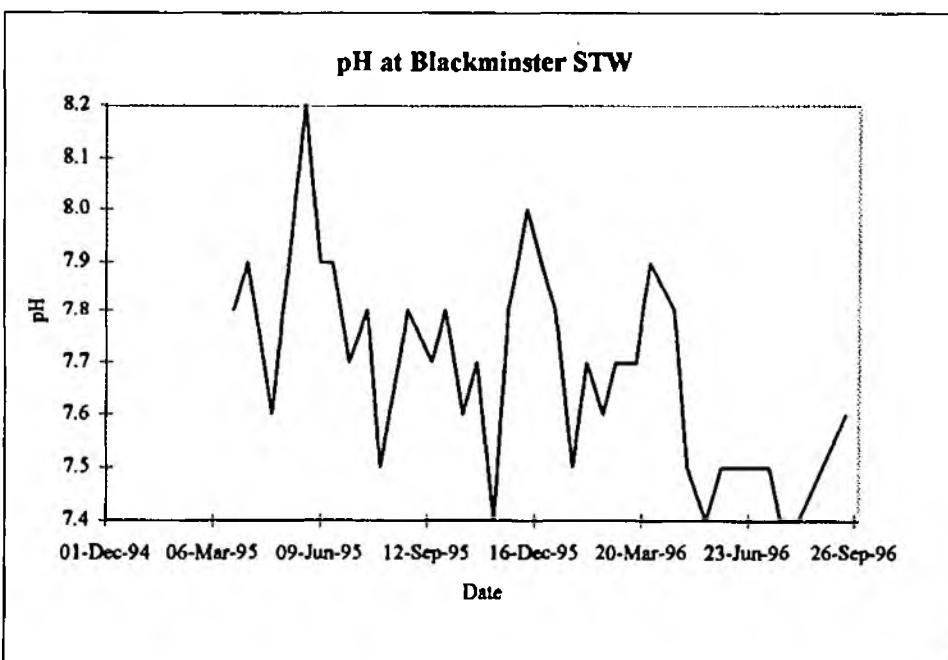
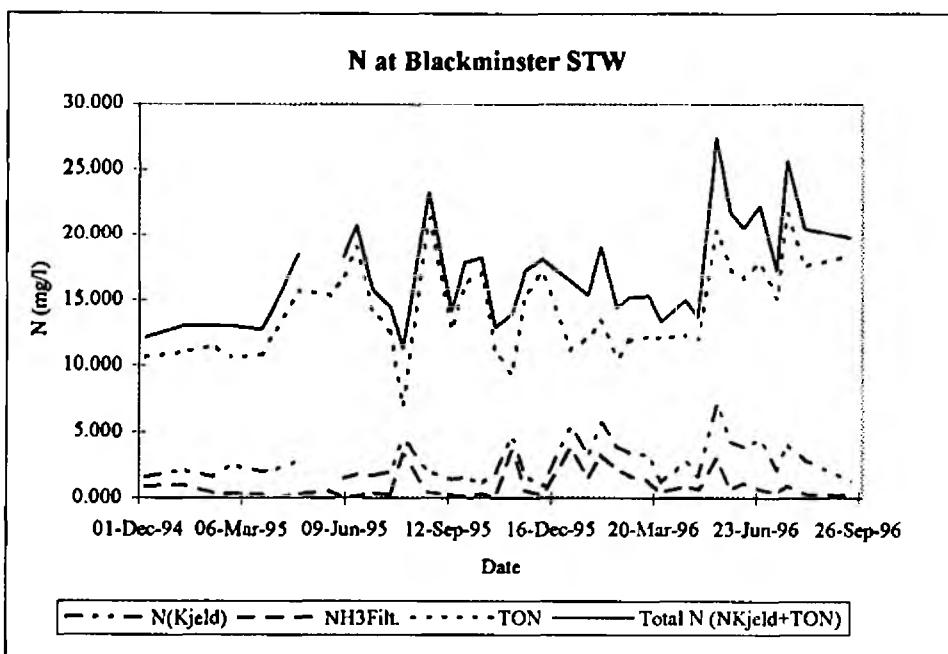


### Electrical Conductivity and Eh at Blackminster STW



**Figure 83 Blackminster STW**

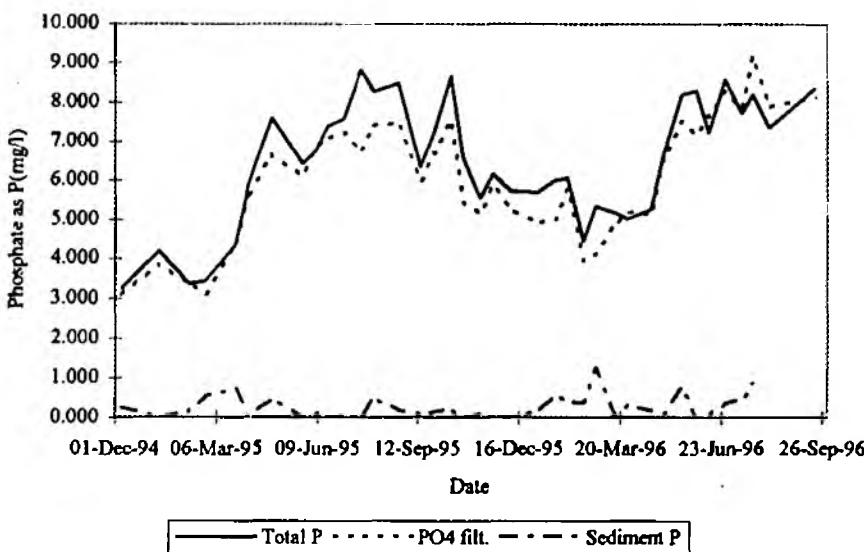




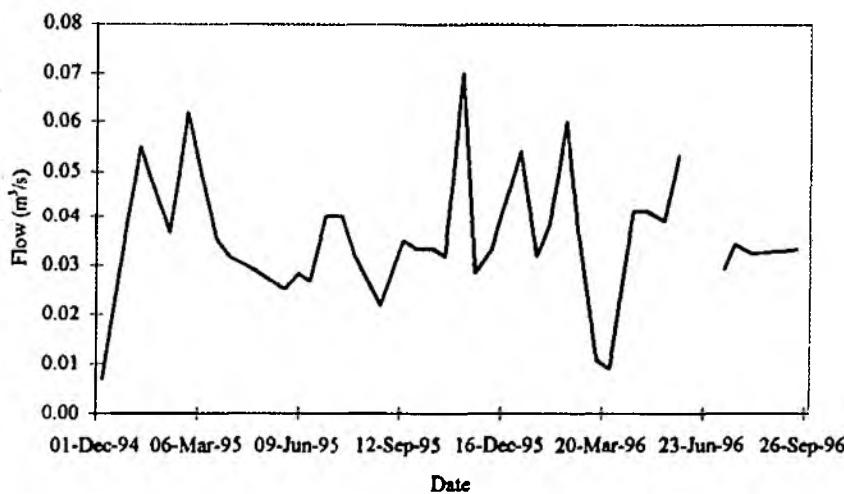
(Figure 83 cont.)

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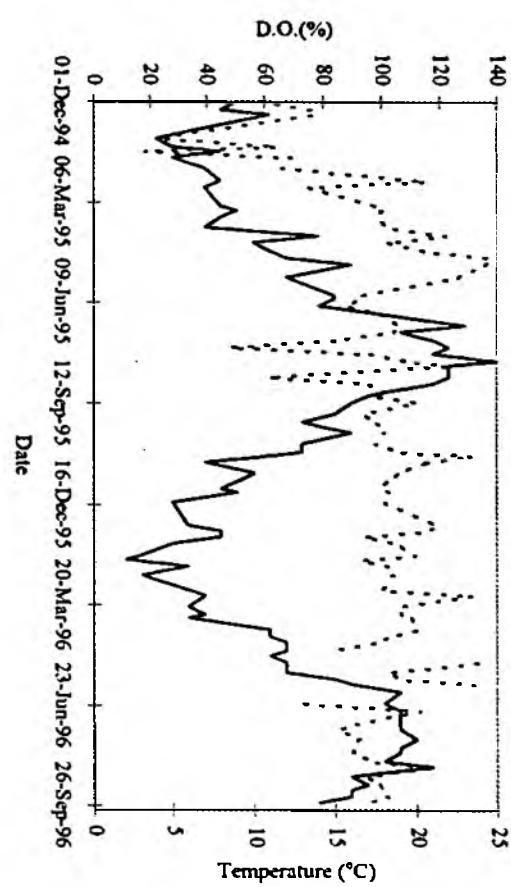
### P at Blackminster STW



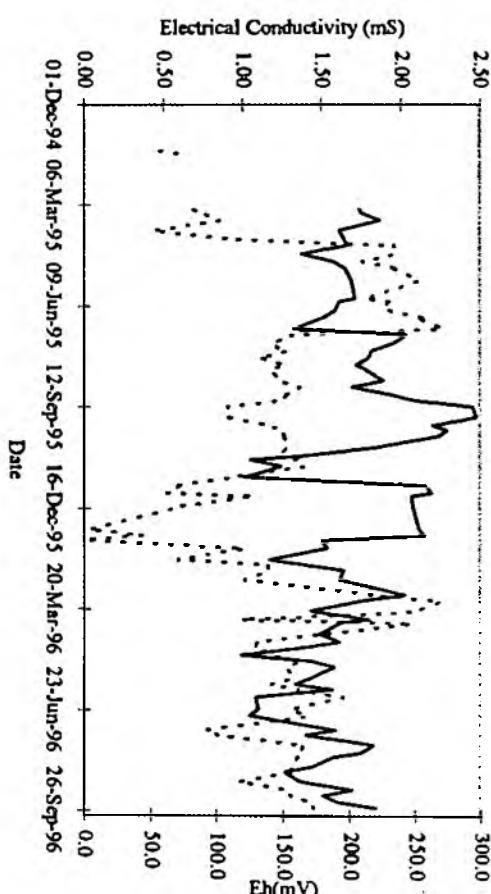
### Flow at Blackminster STW



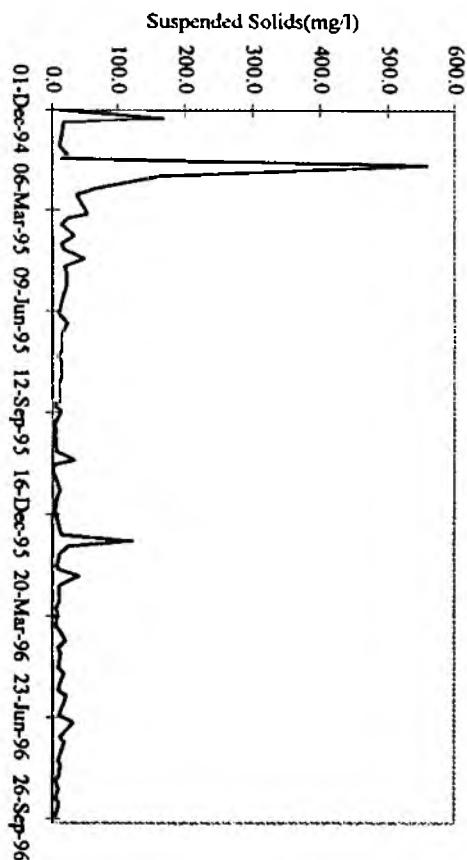
D.O. and Temperature at Evesham(Avon)



Electrical Conductivity and Eh at Evesham(Avon)



Suspended Solids at Evesham(Avon)



B.O.D. and C.O.D. at Evesham(Avon)

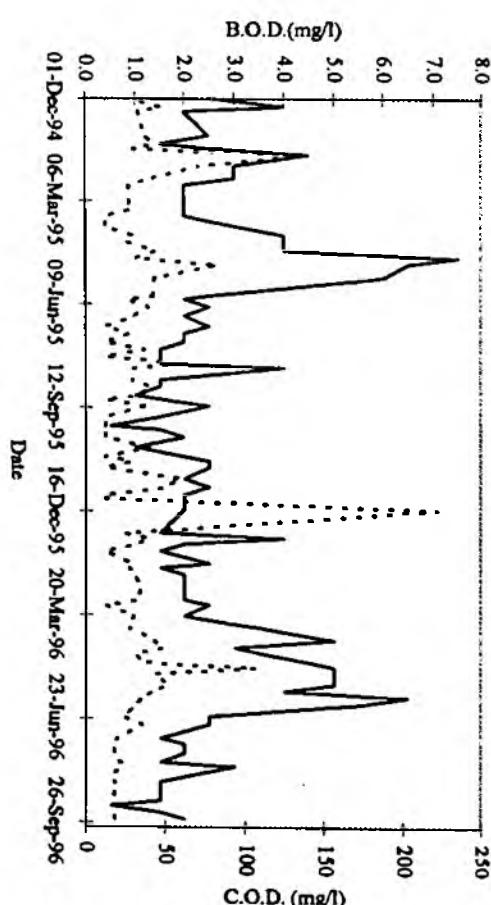
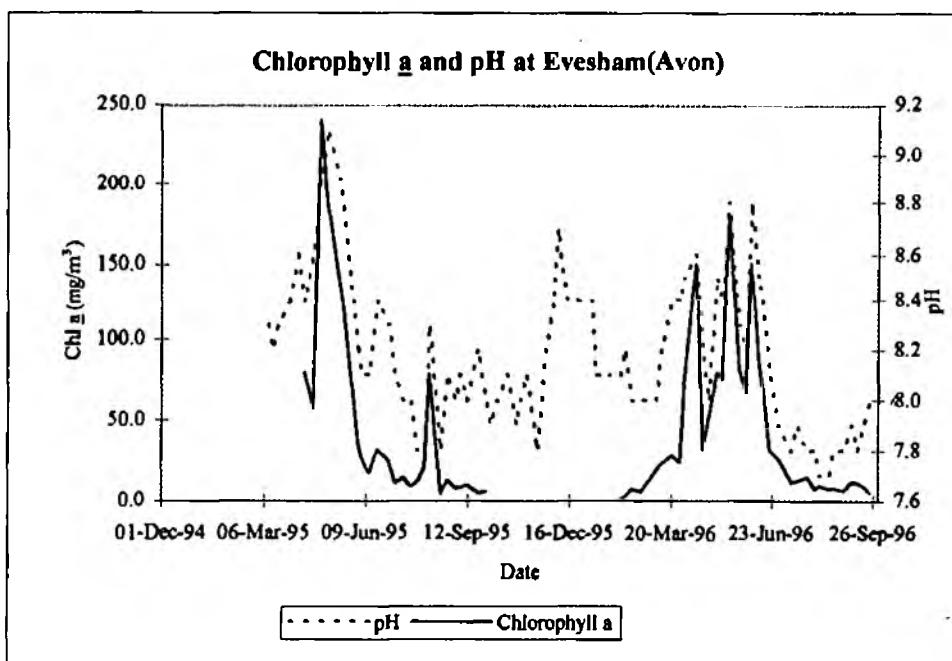
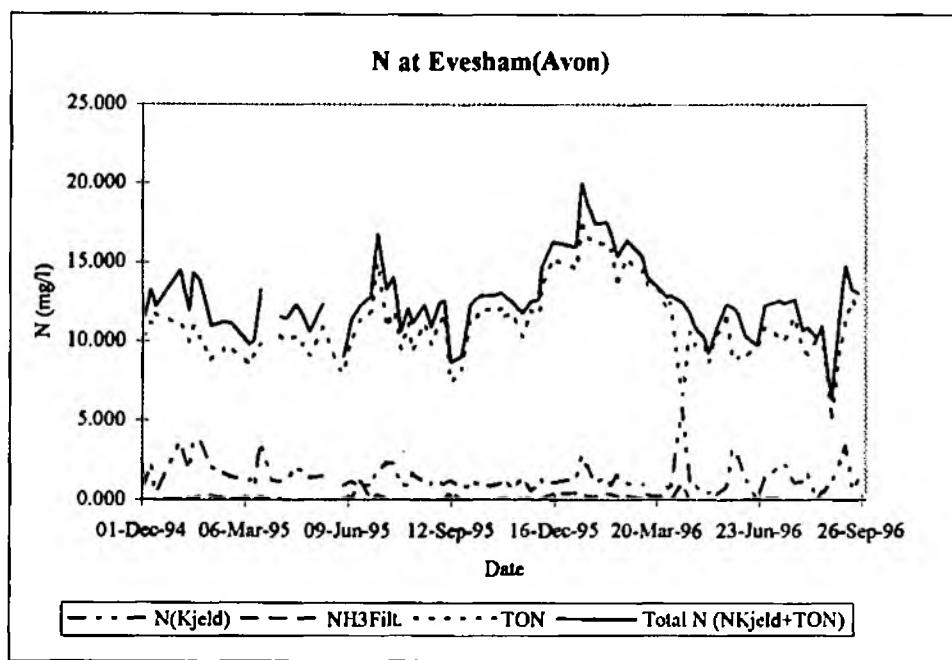


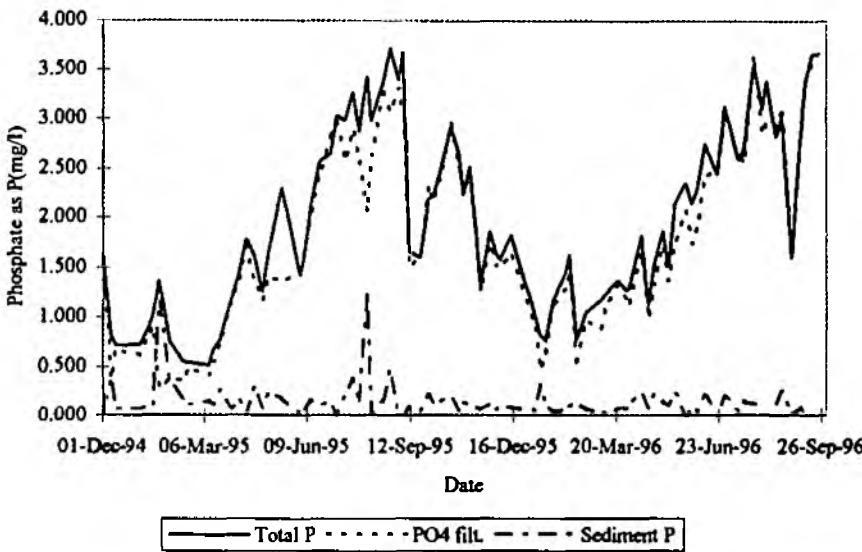
Figure 84 Evesham (Avon)



(Figure 84 cont.)

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P at Evesham(Avon)



Flow at Evesham(Avon)

