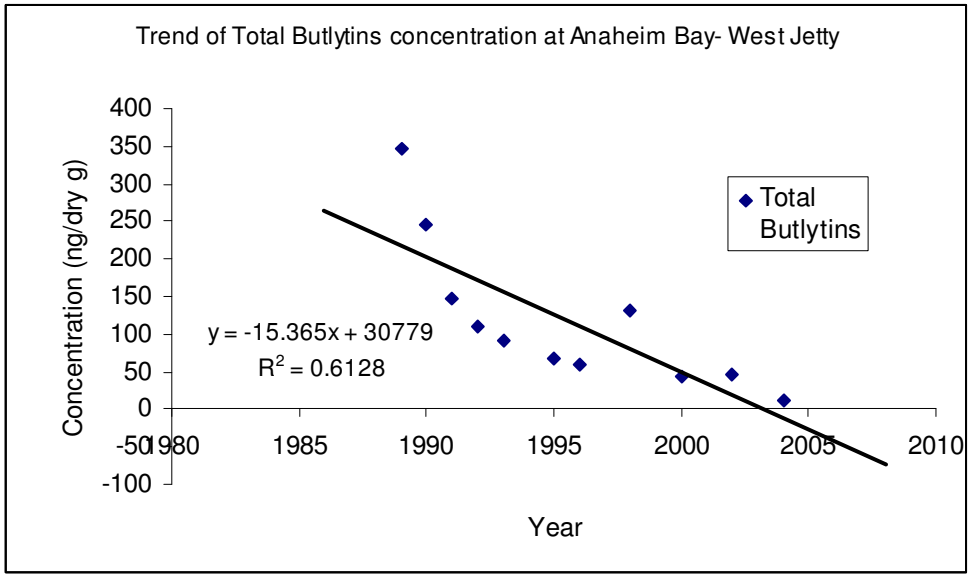
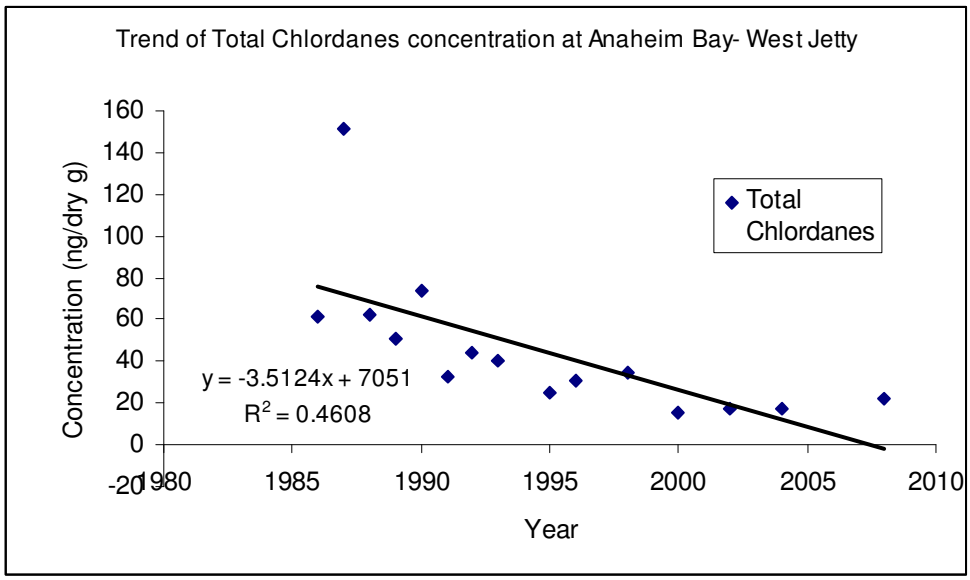
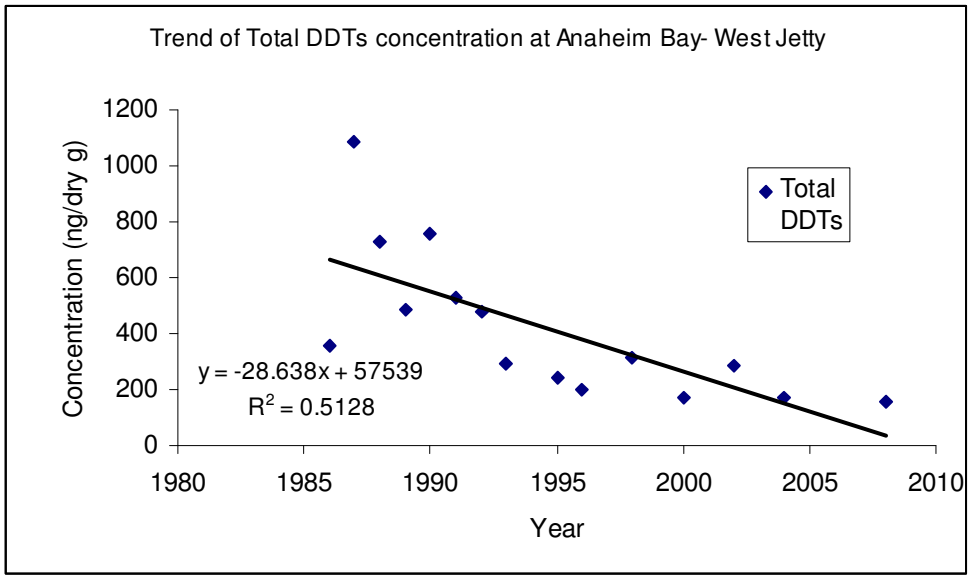
Summary for Anaheim Bay West Jetty (ABWJ)

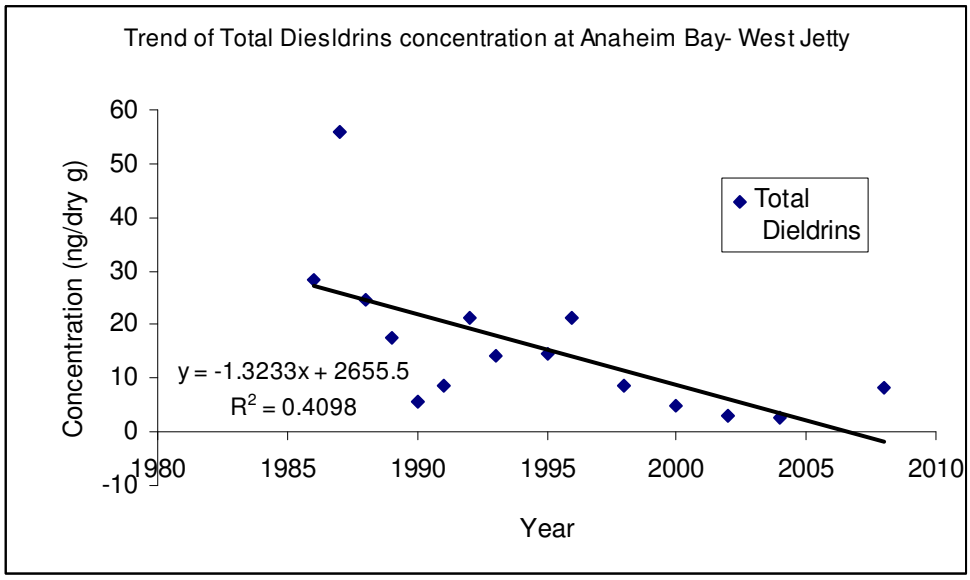
The following graphs show trends at Anaheim Bay West Jetty from years 1986-2009 for the following constituents: Butyltin, Chlordane, Total DDT, Dieldrin, Total PAH, PCBs, Zinc (Zn), Silver (Ag), Aluminum (Al), Arsenic (As), Cadmium (Cd) , Chromium (Cr), Copper (Cu), Iron (Fe), Mercury (Hg), Manganese (Mn), Nickel (Ni), Lead (Pb), Selenium (Se), Antimony (Sb), Silicon (Si)and Tin (Sn).

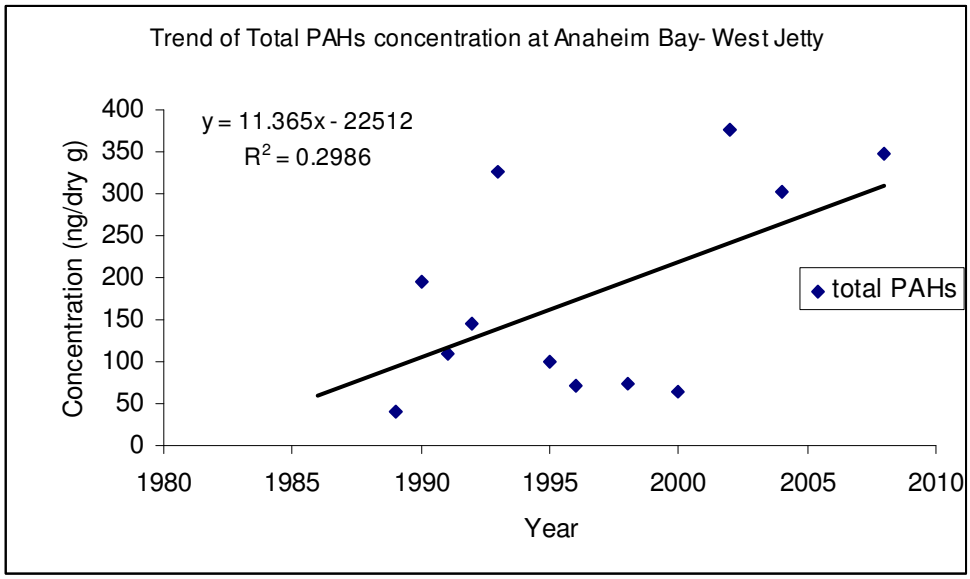
Anaheim Bay- West Jetty

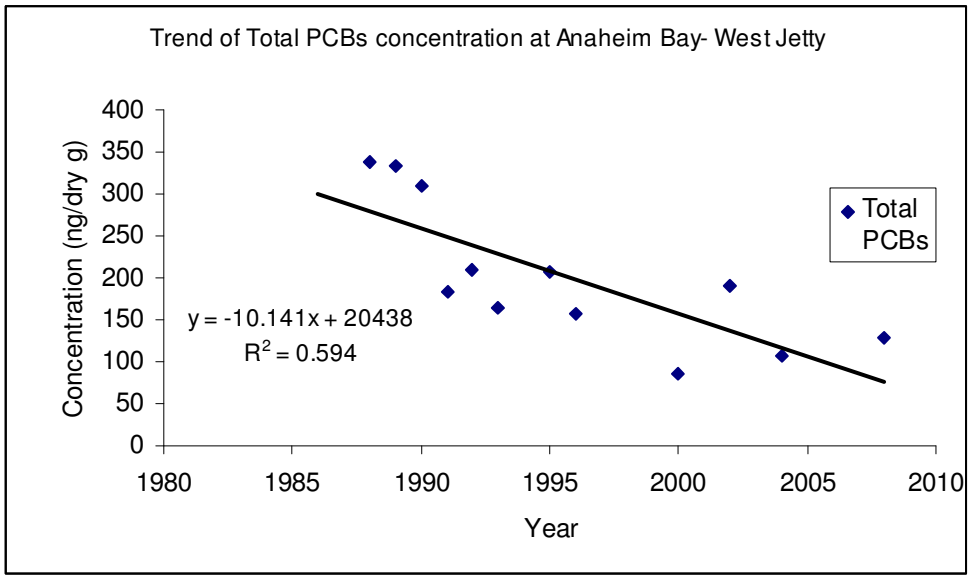


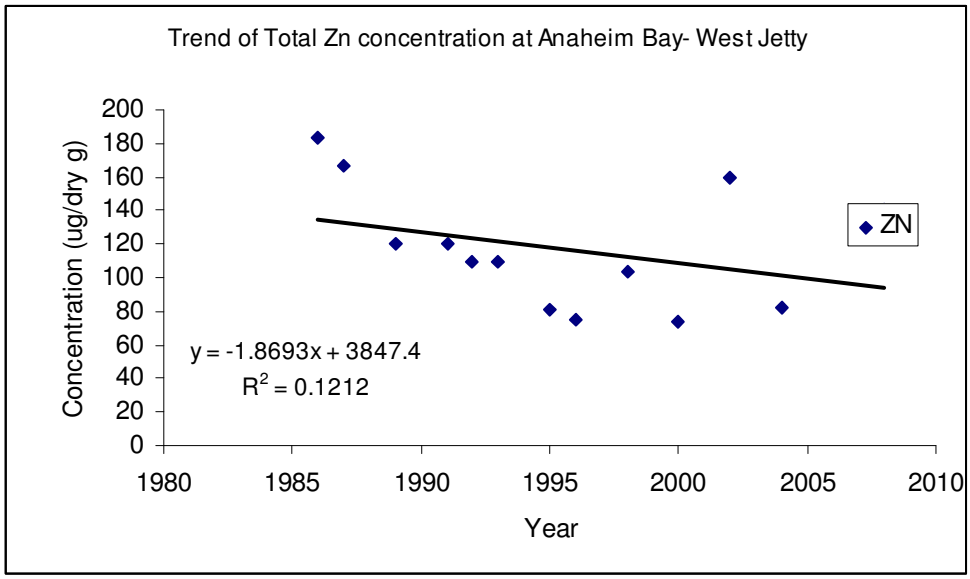


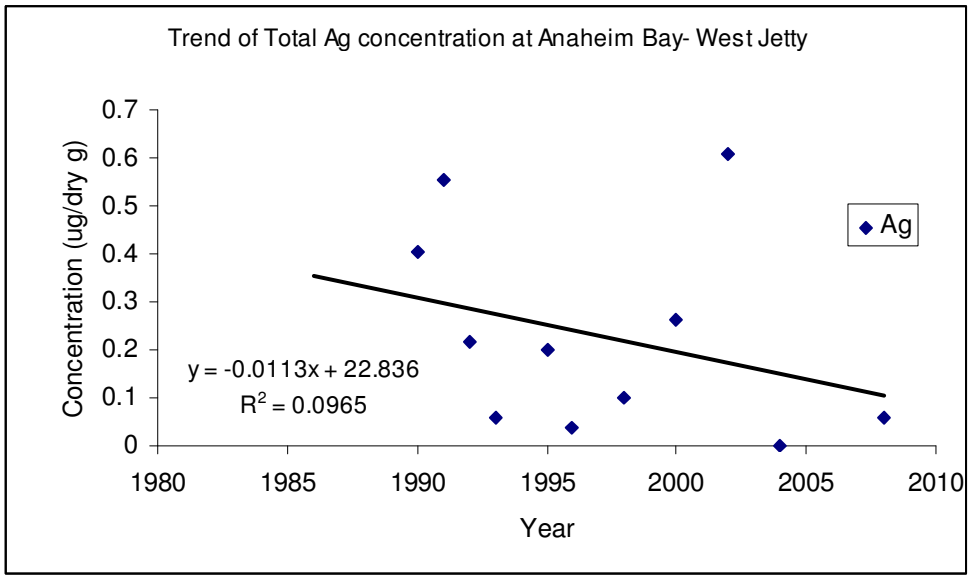

Trend of Total DDTs concentration at Anaheim Bay- West Jetty
Concentration (ng/dry g)
1200
1000
800
600
400
200
0
1980
1985
1990
1995
2000
2005
2010
Year
Total DDTs
y = -28.638x + 57539
R2 = 0.5128

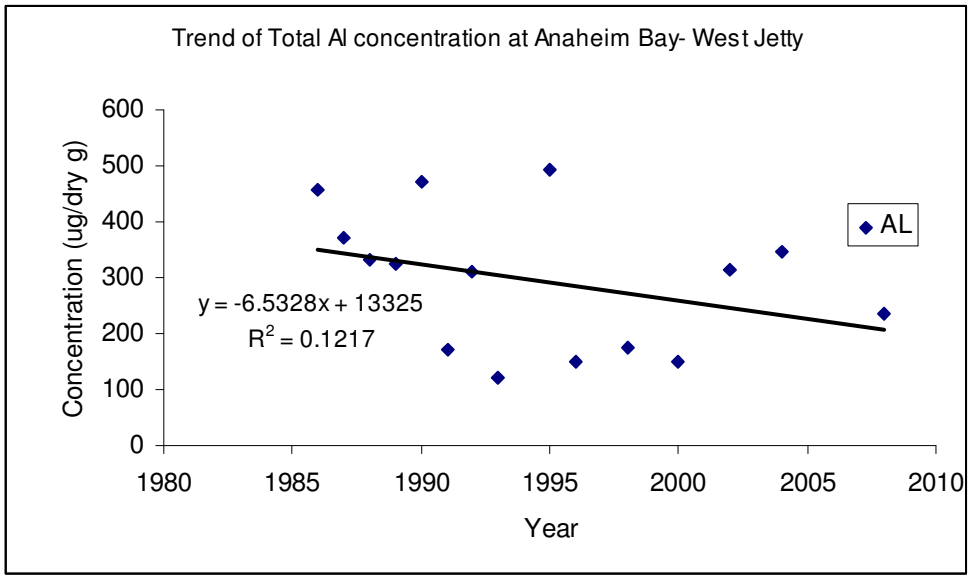

Trend of Total Diesldrins concentration at Anaheim Bay- West Jetty
Concentration (ng/dry g)
60
50
40
30
20
10
0
-10
1980
1985
1990
1995
2000
2005
2010
Year
Total Dieldrins
y = -1.3233x + 2655.5
R2 = 0.4098

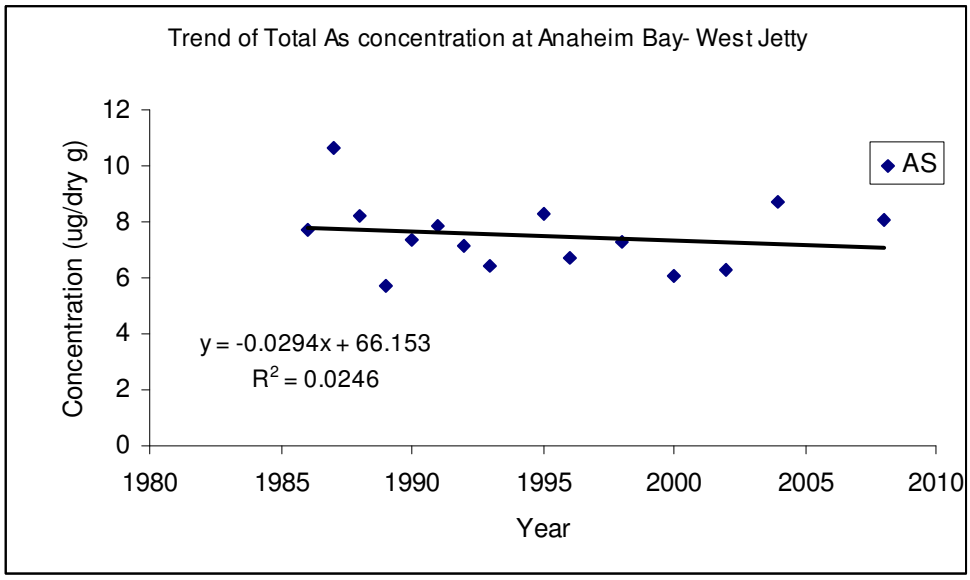

Trend of Total PAHs concentration at Anaheim Bay- West Jetty
y = 11.365x - 22512
R2 = 0.2986
Concentration (ng/dry g)
400
350
300
250
200
150
100
50
0
1980
1985
1990
1995
2000
2005
2010
Year
total PAHs

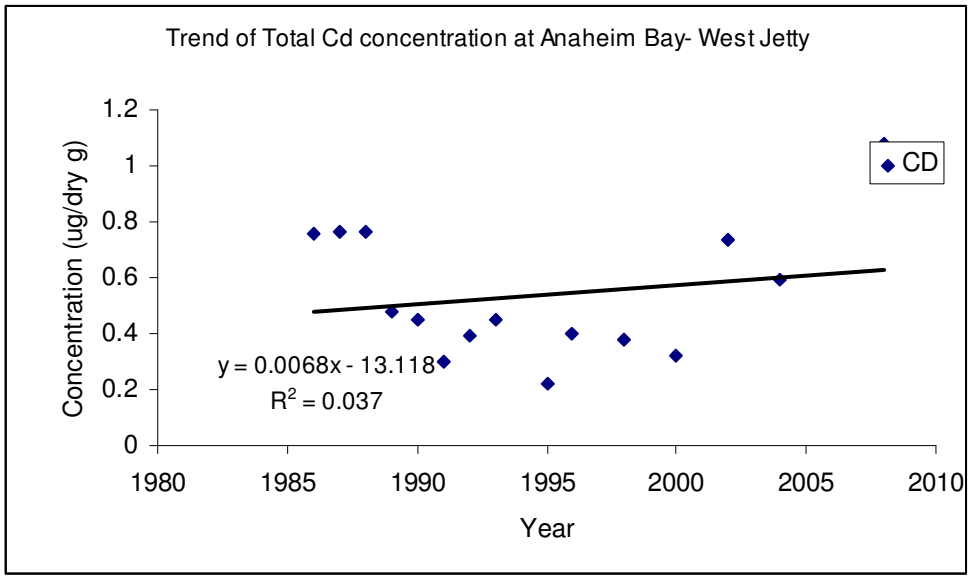

Trend of Total PCBs concentration at Anaheim Bay- West Jetty
y = -10.141x + 20438
R2 = 0.594
Concentration (ng/dry g)
400
350
300
250
200
150
100
50
0
1980
1985
1990
1995
2000
2005
2010
Year
Total PCBs

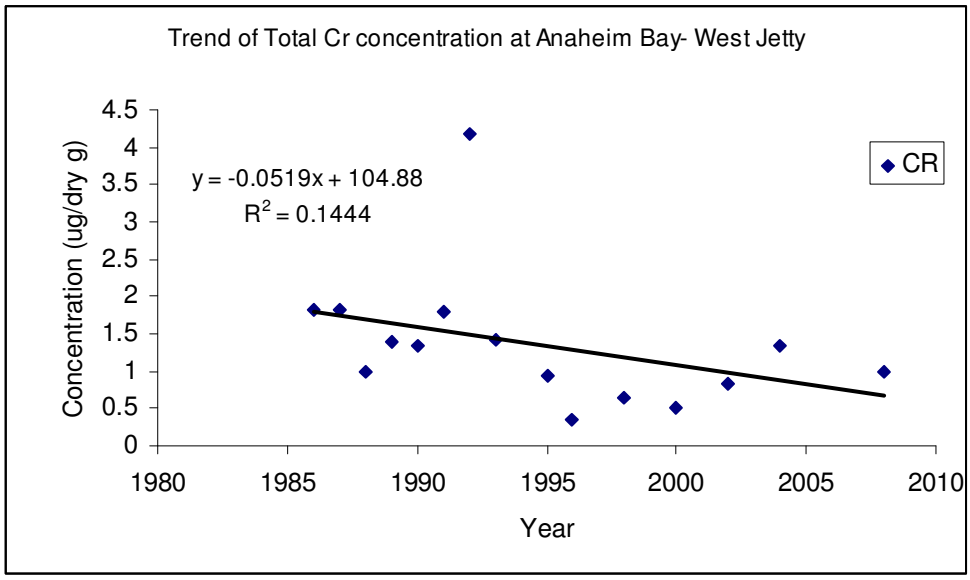

Trend of Total Zn concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
200
180
160
140
120
100
80
60
40
20
0
1980
1985
1990
1995
2000
2005
2010
Year
ZN
y = -1.8693x + 3847.4
R2 = 0.1212

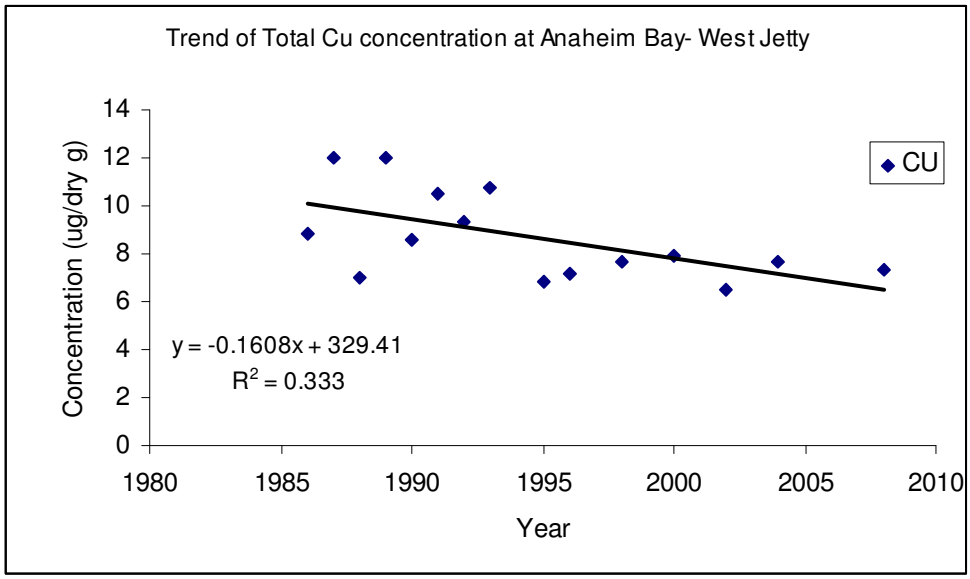

Trend of Total Ag concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1980
1985
1990
1995
2000
2005
2010
Year
Ag
y = -0.0113x + 22.836
R2 = 0.0965

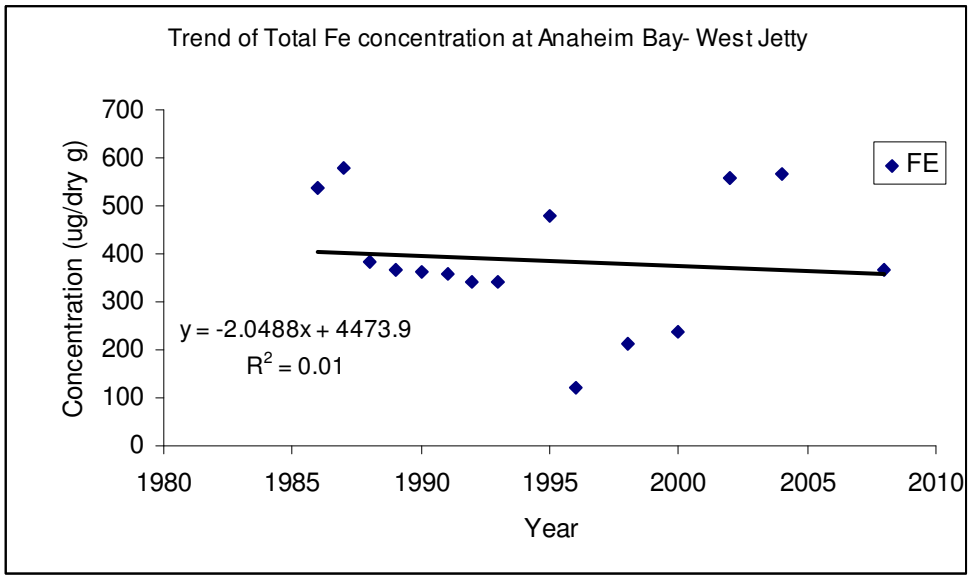

Trend of Total Al concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
600
500
400
300
200
100
0
1980
1985
1990
1995
2000
2005
2010
Year
AL
y = -6.5328x + 13325
R2 = 0.1217

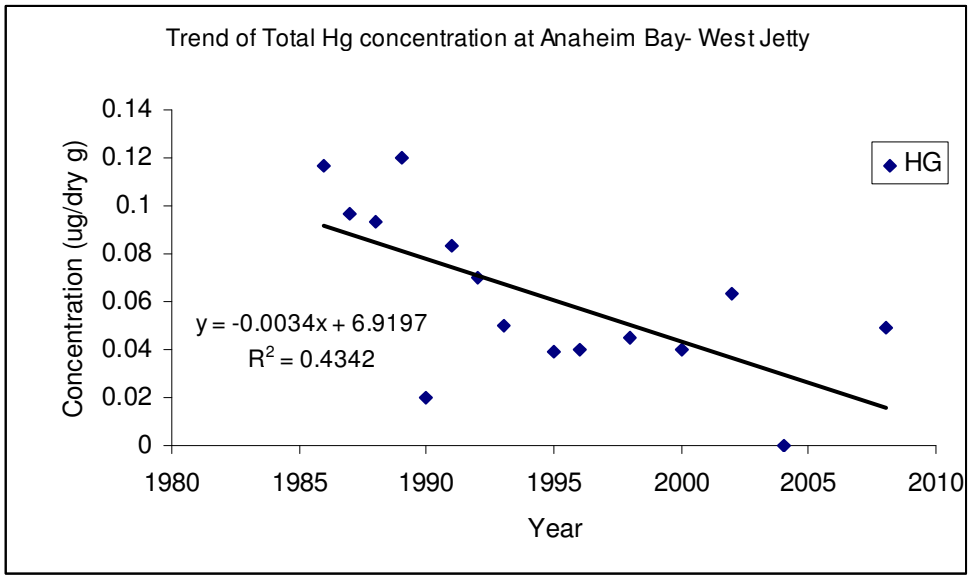

Trend of Total As concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
12
10
8
6
4
2
0
1980
1985
1990
1995
2000
2005
2010
Year
AS
y = -0.0294x + 66.153
R2 = 0.0246

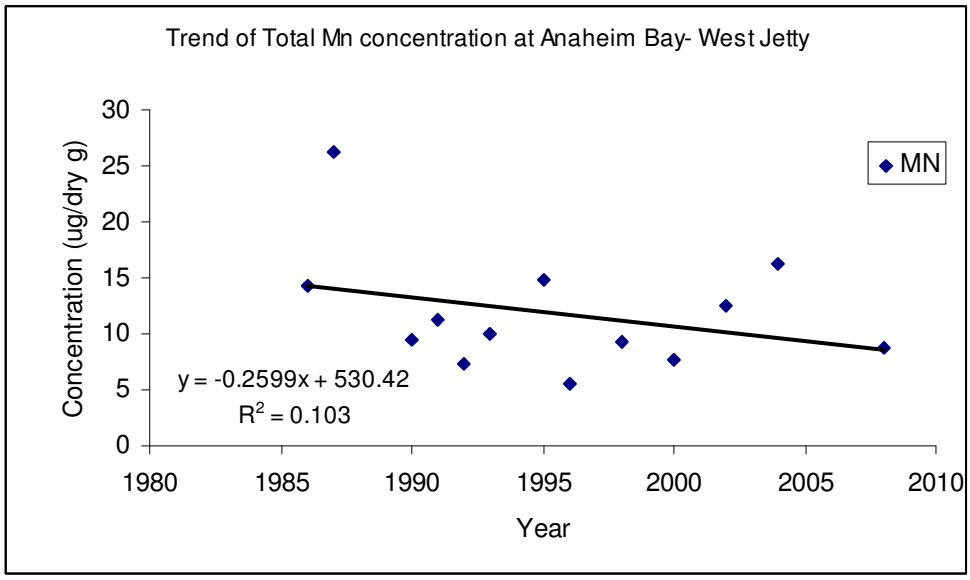

Trend of Total Cd concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
1.2
1
0.8
0.6
0.4
0.2
0
1980
1985
1990
1995
2000
2005
2010
Year
CD
y = 0.0068x - 13.118
R2 = 0.037

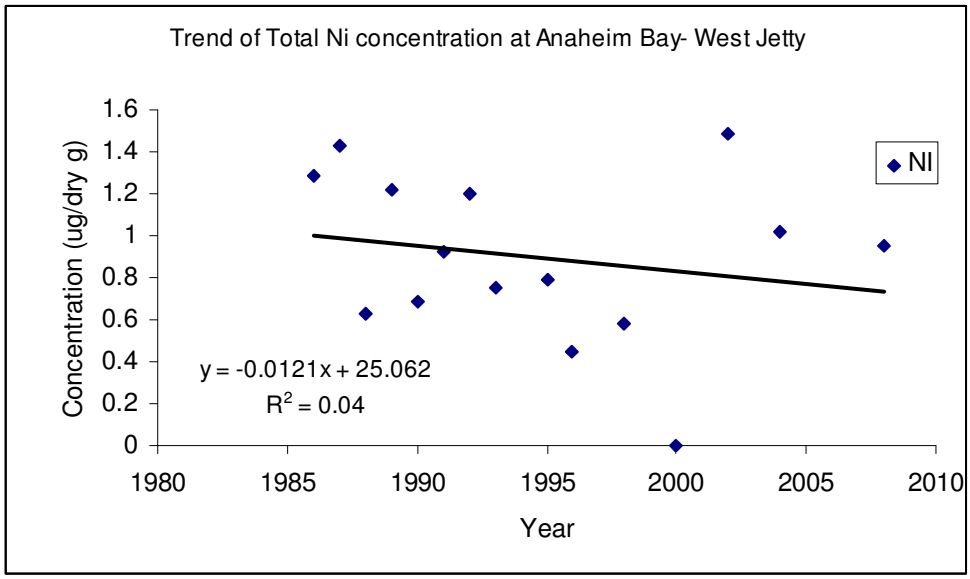

Trend of Total Cr concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1980
1985
1990
1995
2000
2005
2010
Year
CR
y = -0.0519x + 104.88
R2 = 0.1444

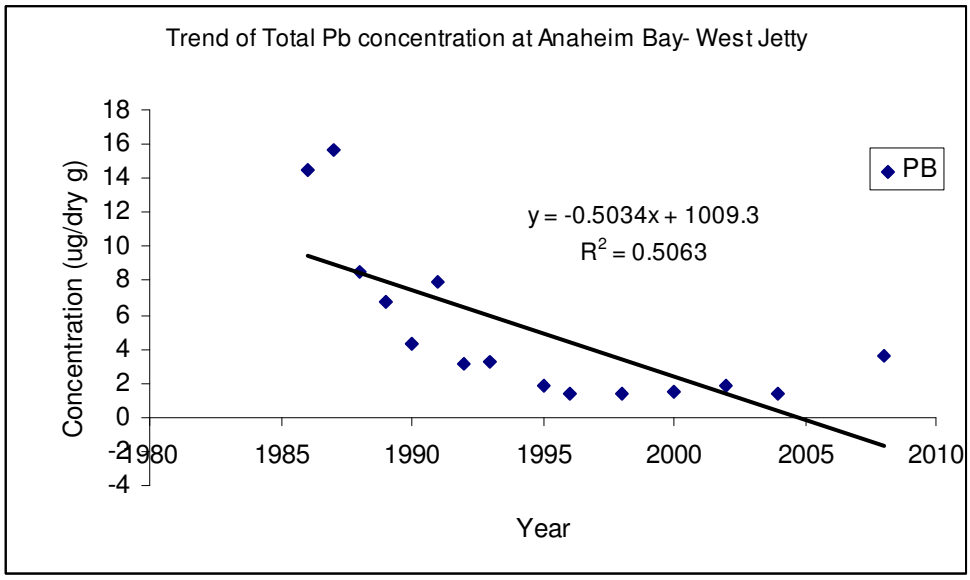

Trend of Total Cu concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
14
12
10
8
6
4
2
0
1980
1985
1990
1995
2000
2005
2010
Year
CU
y = -0.1608x + 329.41
R2 = 0.333

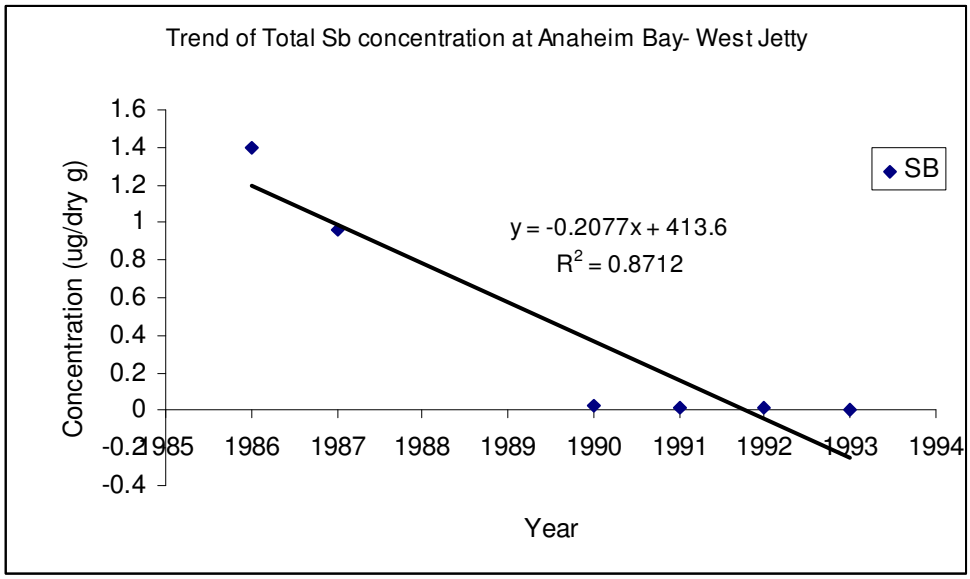

Trend of Total Fe concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
700
600
500
400
300
200
100
0
1980
1985
1990
1995
2000
2005
2010
Year
FE
y = -2.0488x + 4473.9
R2 = 0.01

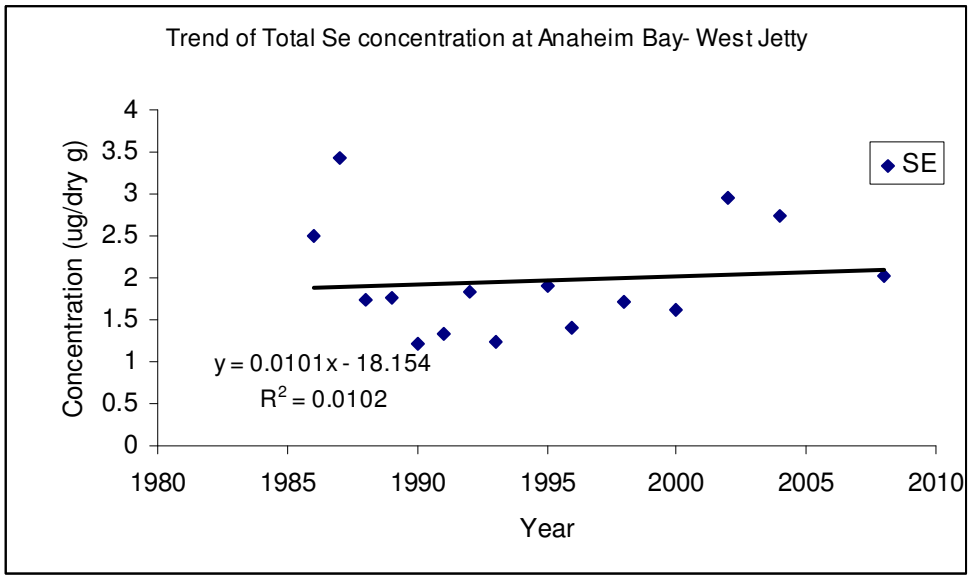

Trend of Total Hg concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
1980
1985
1990
1995
2000
2005
2010
Year
HG
y = -0.0034x + 6.9197
R2 = 0.4342

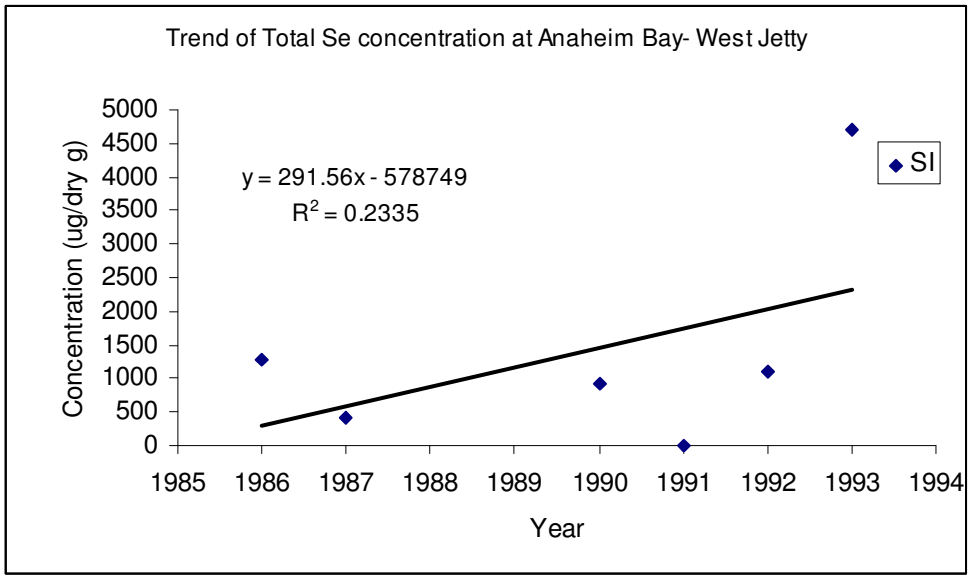

Trend of Total Mn concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
30
25
20
15
10
5
0
1980
1985
1990
1995
2000
2005
2010
Year
MN
y = -0.2599x + 530.42
R2 = 0.103

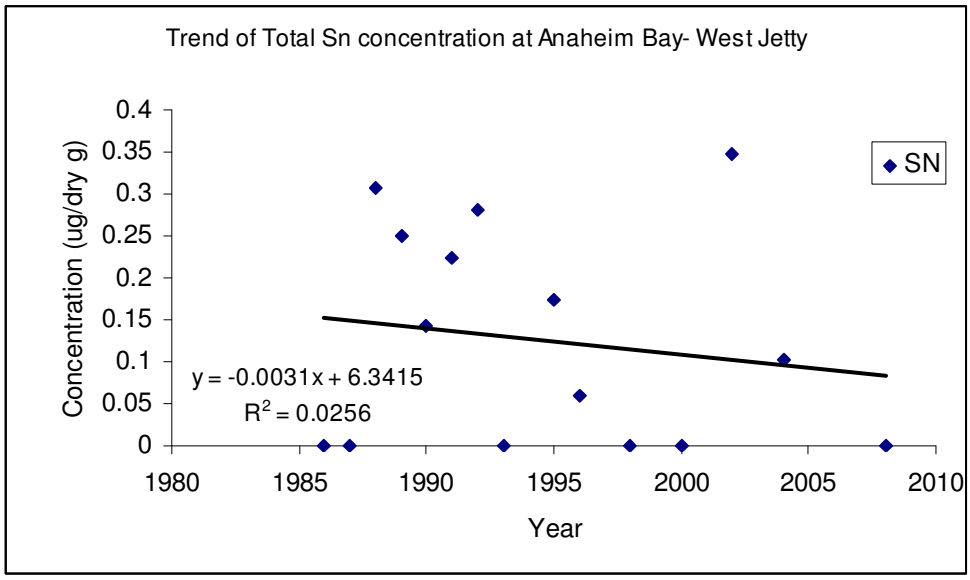

Trend of Total Ni concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1980
1985
1990
1995
2000
2005
2010
Year
NI
y = -0.0121x + 25.062
R2 = 0.04


Trend of Total Pb concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
18
16
14
12
10
8
6
4
2
0
-2
-4
1980
1985
1990
1995
2000
2005
2010
Year
PB
y = -0.5034x + 1009.3
R2 = 0.5063


Trend of Total Sb concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
Year
SB
y = -0.2077x + 413.6
R2 = 0.8712


Trend of Total Se concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
4
3.5
3
2.5
2
1.5
1
0.5
0
1980
1985
1990
1995
2000
2005
2010
Year
SE
y = 0.0101x - 18.154
R2 = 0.0102


Trend of Total Se concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
y = 291.56x - 578749
R2 = 0.2335
SI
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
Year


Trend of Total Sn concentration at Anaheim Bay- West Jetty
Concentration (ug/dry g)
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
y = -0.0031x + 6.3415
R2 = 0.0256
SN
1980
1985
1990
1995
2000
2005
2010
Year