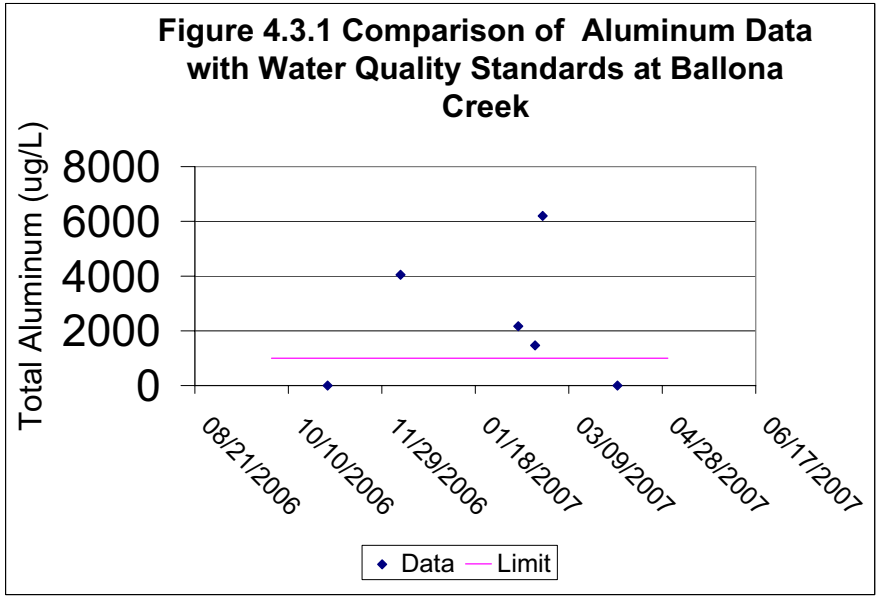


Figure 4.3.1 Comparison of Aluminum Data with Water Quality Standards at Ballona Creek
Total Aluminum (ug/L)
8000
6000
4000
2000
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

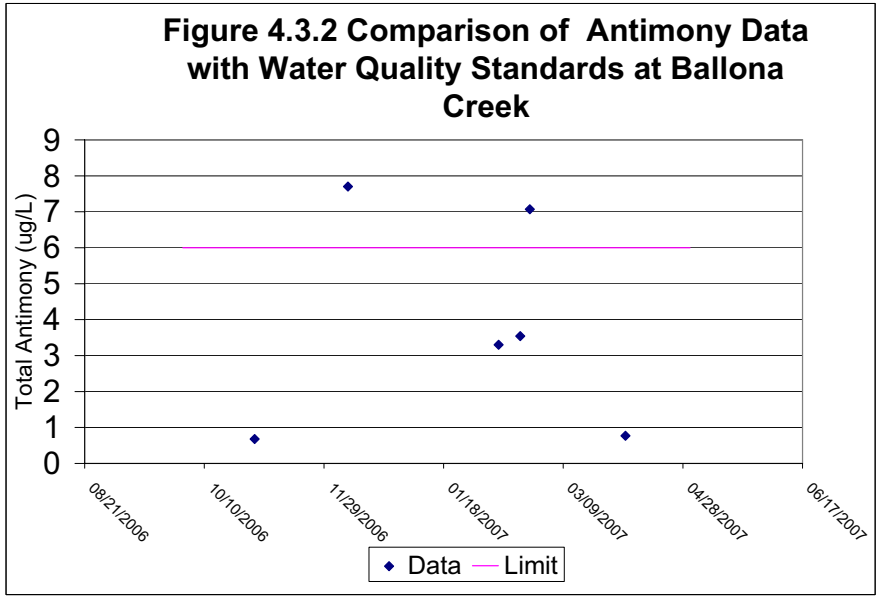


Figure 4.3.2 Comparison of Antimony Data with Water Quality Standards at Ballona Creek
Total Antimony (ug/L)
9
8
7
6
5
4
3
2
1
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

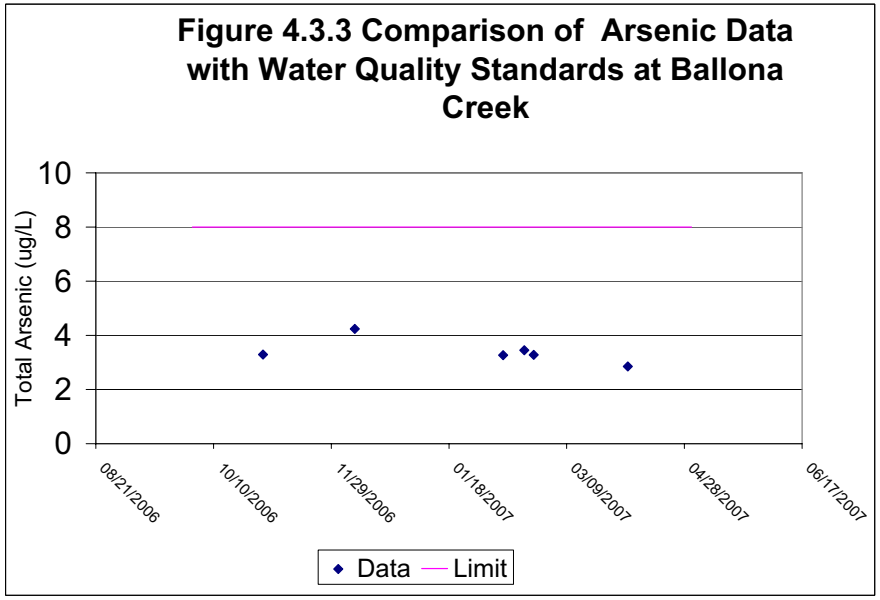


Figure 4.3.3 Comparison of Arsenic Data with Water Quality Standards at Ballona Creek
Total Arsenic (ug/L)
10
8
6
4
2
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

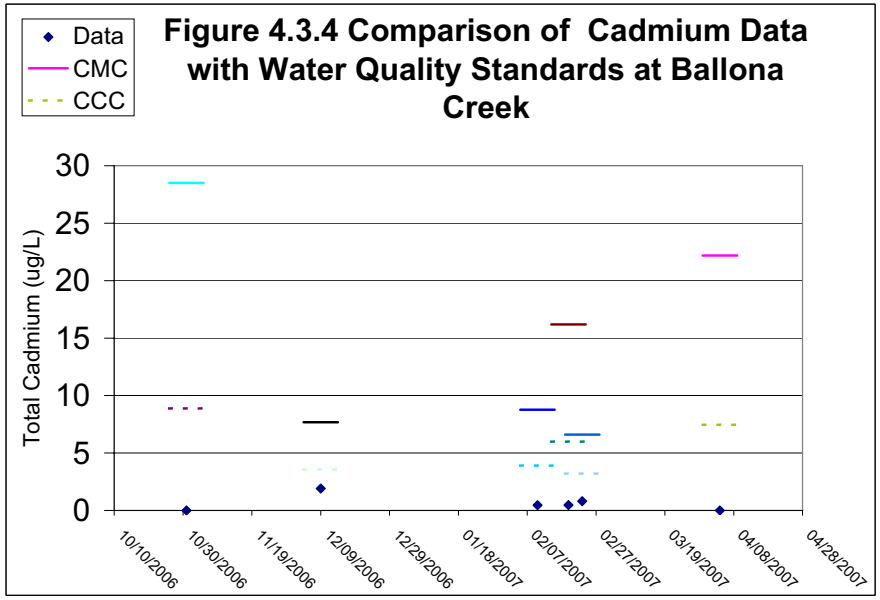


Figure 4.3.4 Comparison of Cadmium Data with Water Quality Standards at Ballona Creek
Data
CMC
CCC
Total Cadmium (ug/L)
30
25
20
15
10
5
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

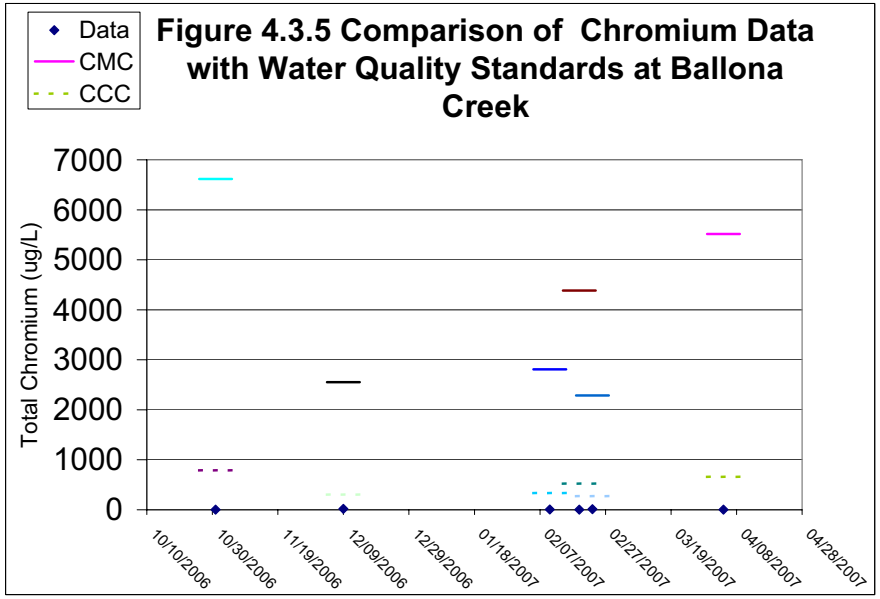


Figure 4.3.5 Comparison of Chromium Data with Water Quality Standards at Ballona Creek

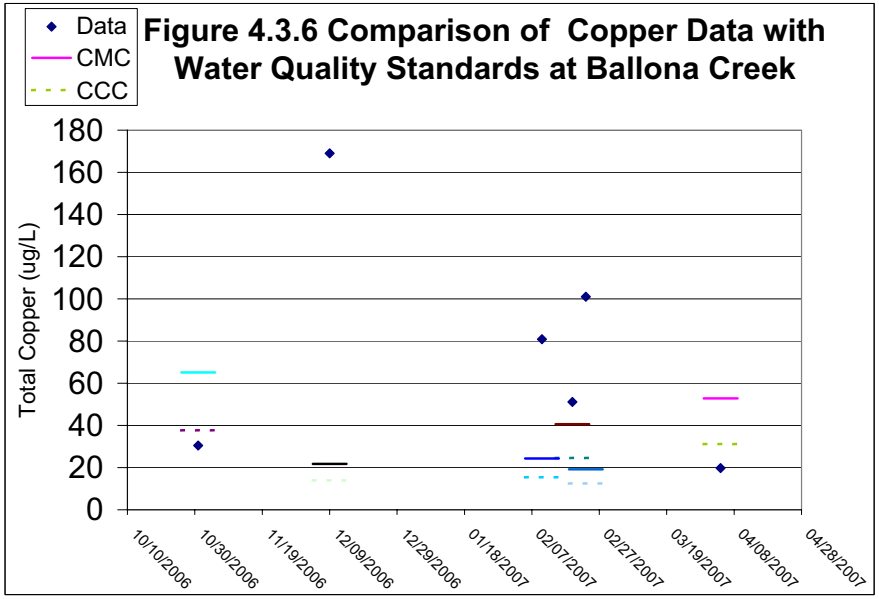


Figure 4.3.6 Comparison of Copper Data with Water Quality Standards at Ballona Creek

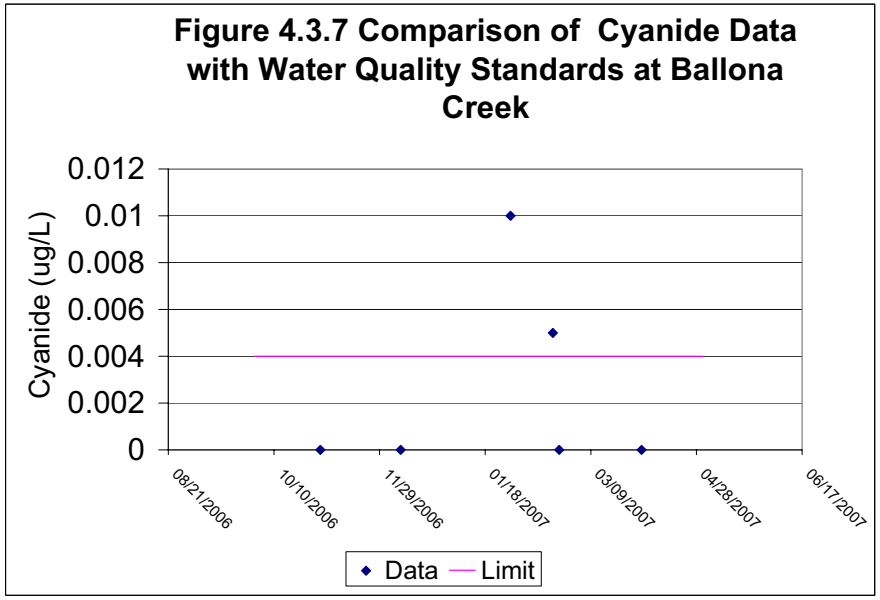


Figure 4.3.7 Comparison of Cyanide Data with Water Quality Standards at Ballona Creek

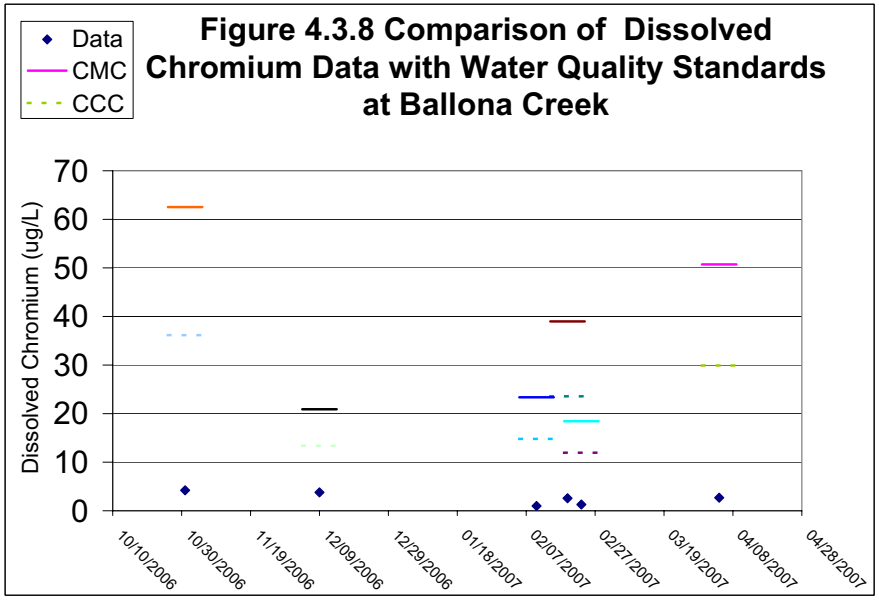


Figure 4.3.8 Comparison of Dissolved Chromium Data with Water Quality Standards at Ballona Creek

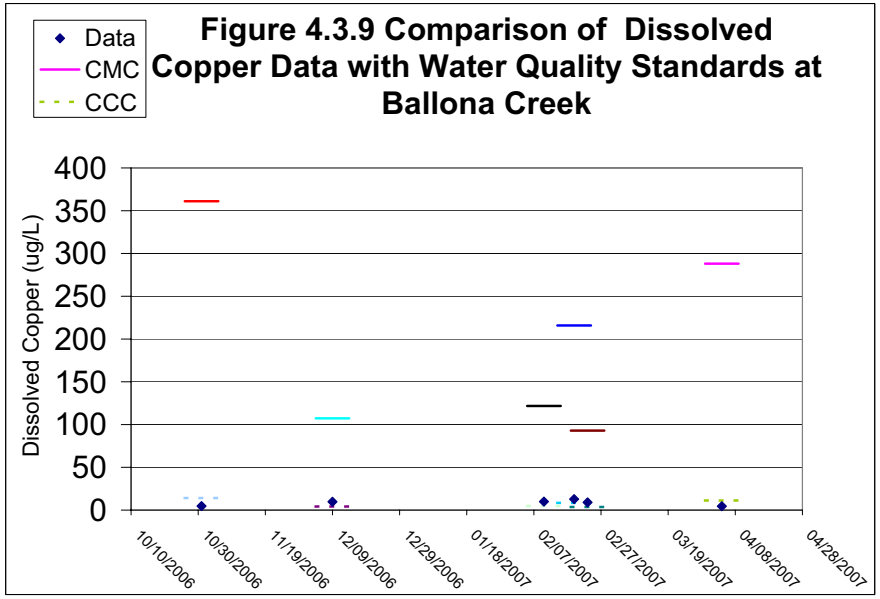


Figure 4.3.9 Comparison of Dissolved Copper Data with Water Quality Standards at Ballona Creek
Data
CMC
CCC
Dissolved Copper (ug/L)
400
350
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

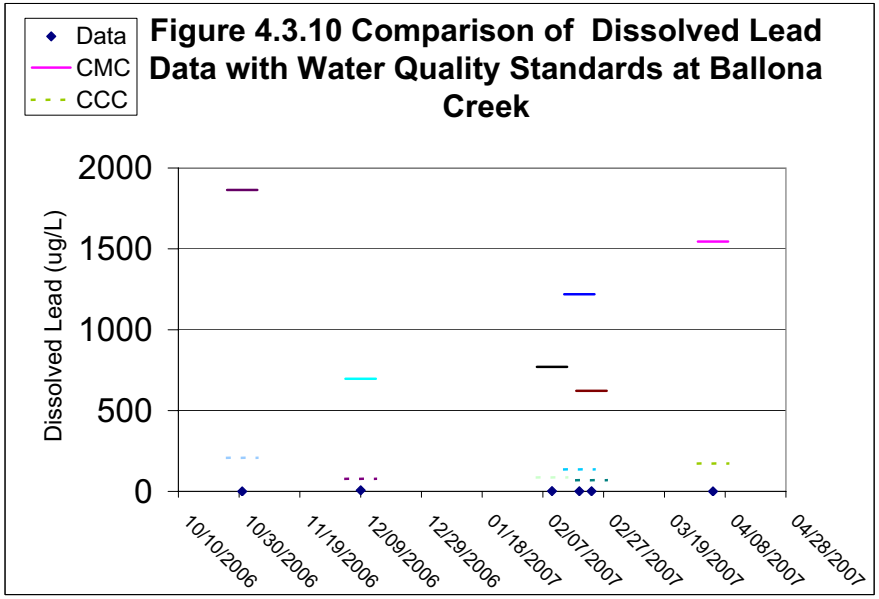


Figure 4.3.10 Comparison of Dissolved Lead Data with Water Quality Standards at Ballona Creek
Data
CMC
CCC
Dissolved Lead (ug/L)
2000
1500
1000
500
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

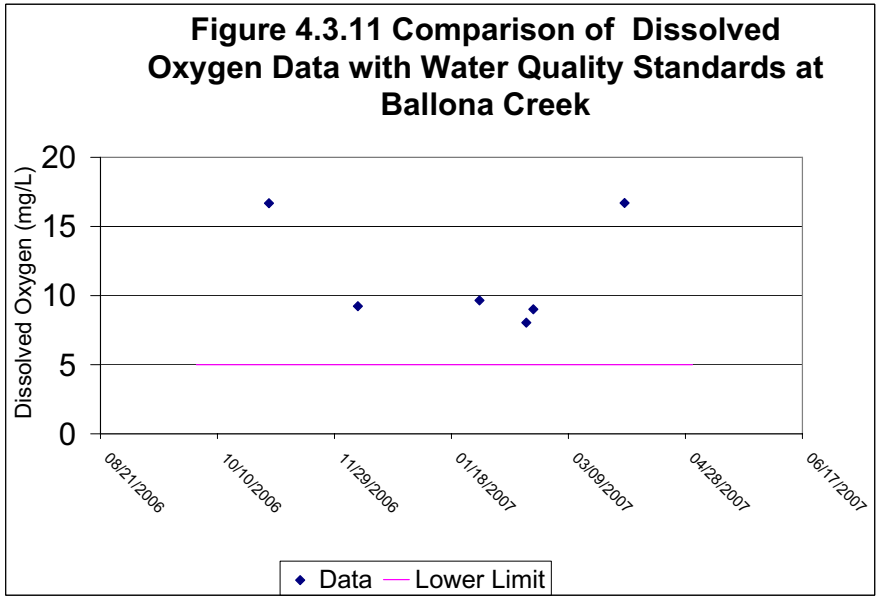


Figure 4.3.11 Comparison of Dissolved Oxygen Data with Water Quality Standards at Ballona Creek
Dissolved Oxygen (mg/L)
20
15
10
5
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Lower Limit

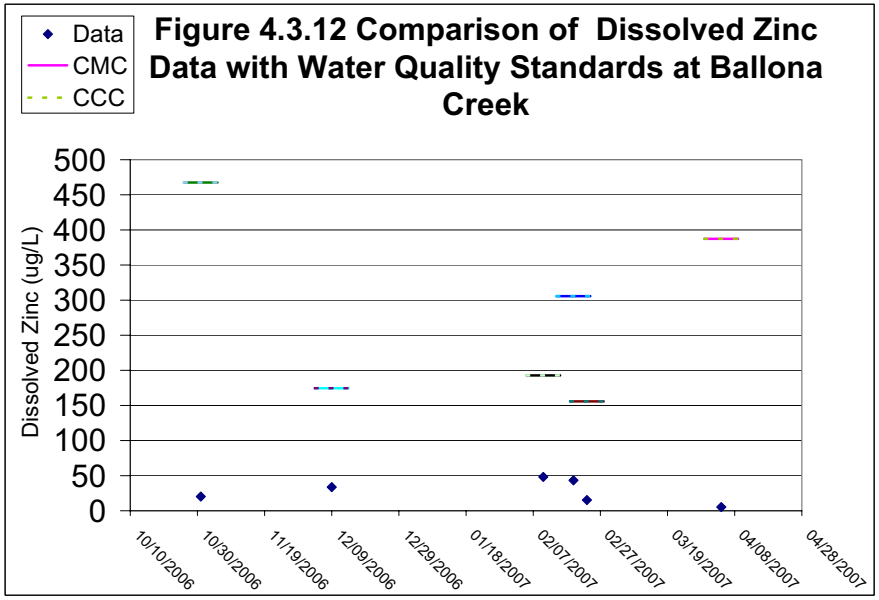


Figure 4.3.12 Comparison of Dissolved Zinc Data with Water Quality Standards at Ballona Creek
Data
CMC
CCC
Dissolved Zinc (ug/L)
500
450
400
350
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

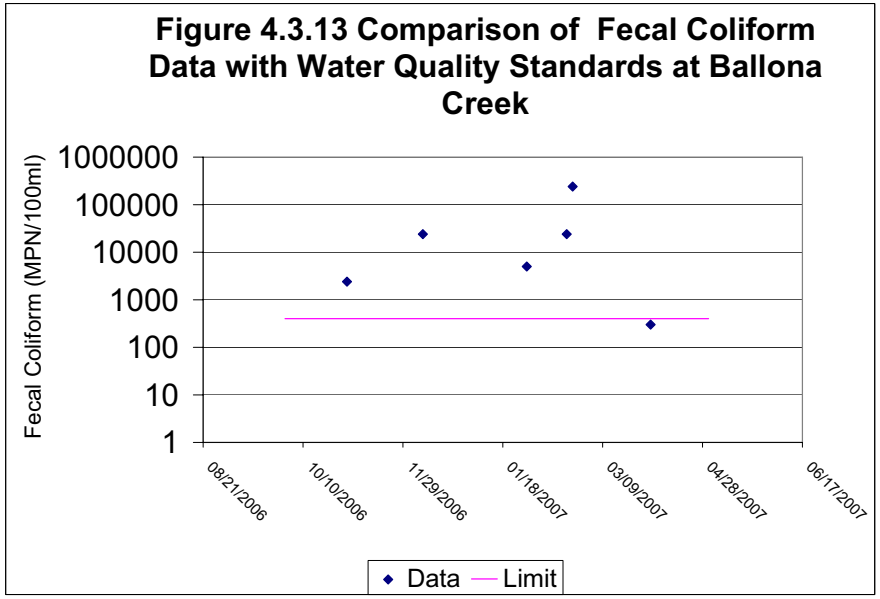


Figure 4.3.13 Comparison of Fecal Coliform Data with Water Quality Standards at Ballona Creek
Fecal Coliform (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

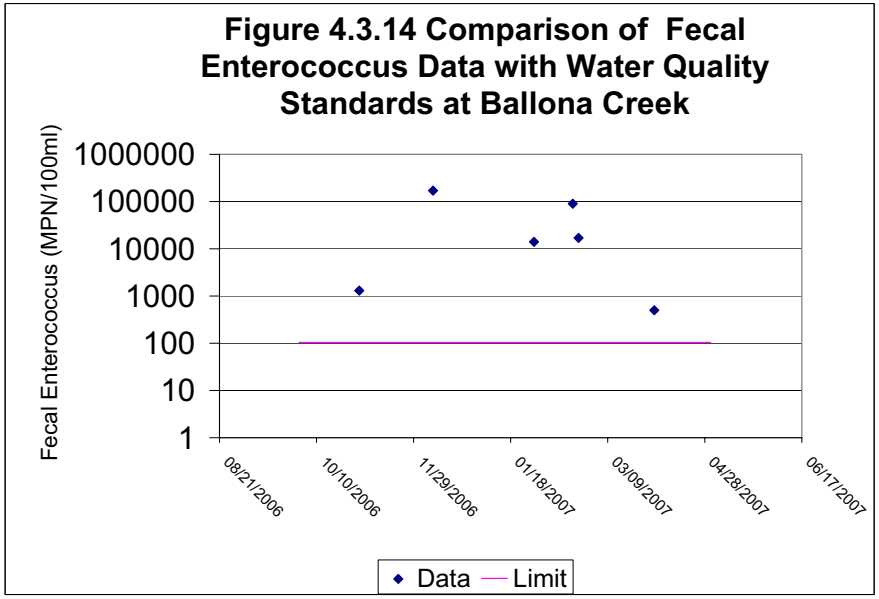
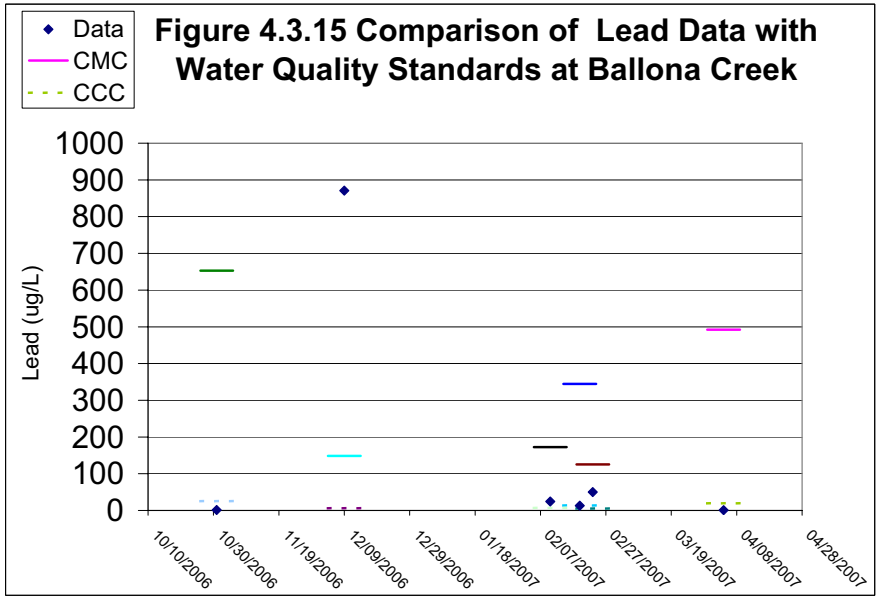
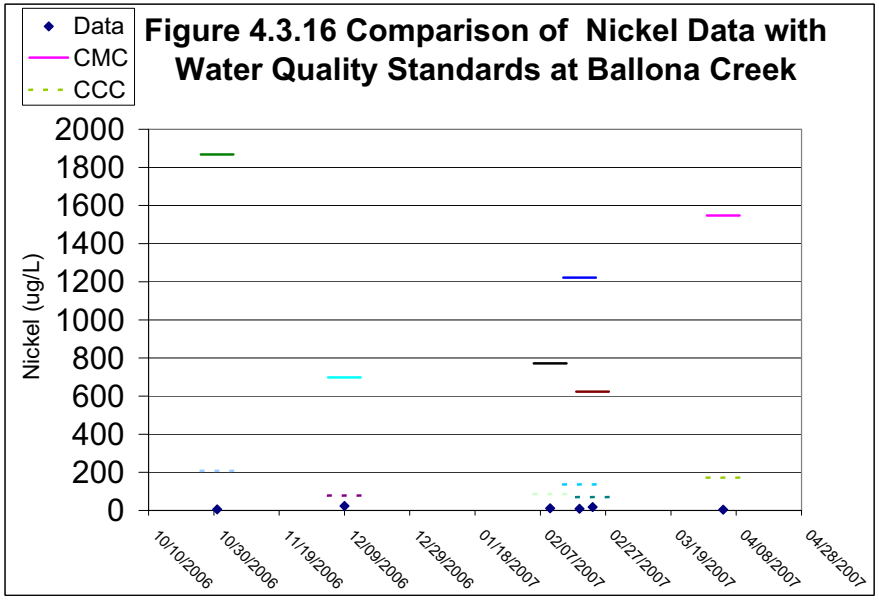


Figure 4.3.14 Comparison of Fecal Enterococcus Data with Water Quality Standards at Ballona Creek
Fecal Enterococcus (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.15 Comparison of Lead Data with Water Quality Standards at Ballona Creek
Lead (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007


Data
CMC
CCC
Figure 4.3.16 Comparison of Nickel Data with Water Quality Standards at Ballona Creek
Nickel (ug/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

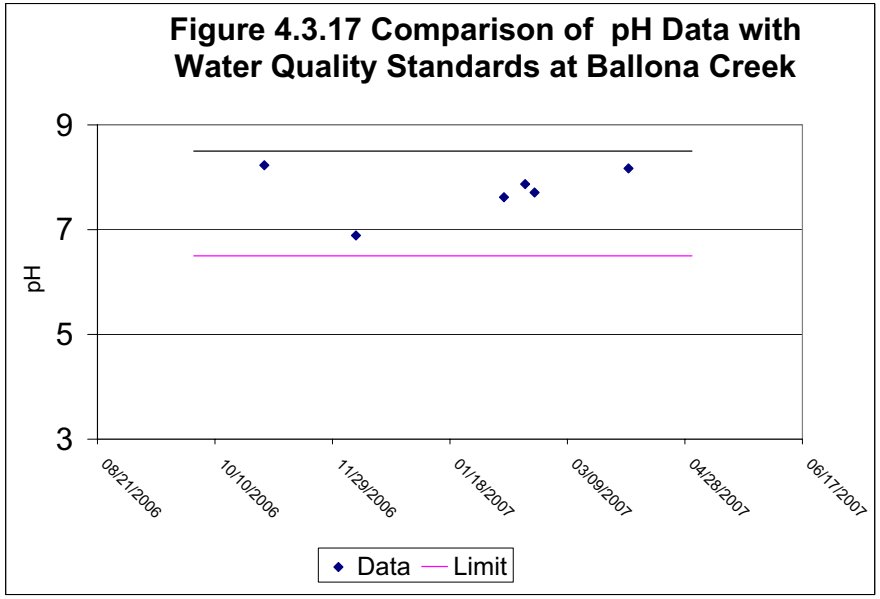


Figure 4.3.17 Comparison of pH Data with Water Quality Standards at Ballona Creek
pH
9
7
5
3
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

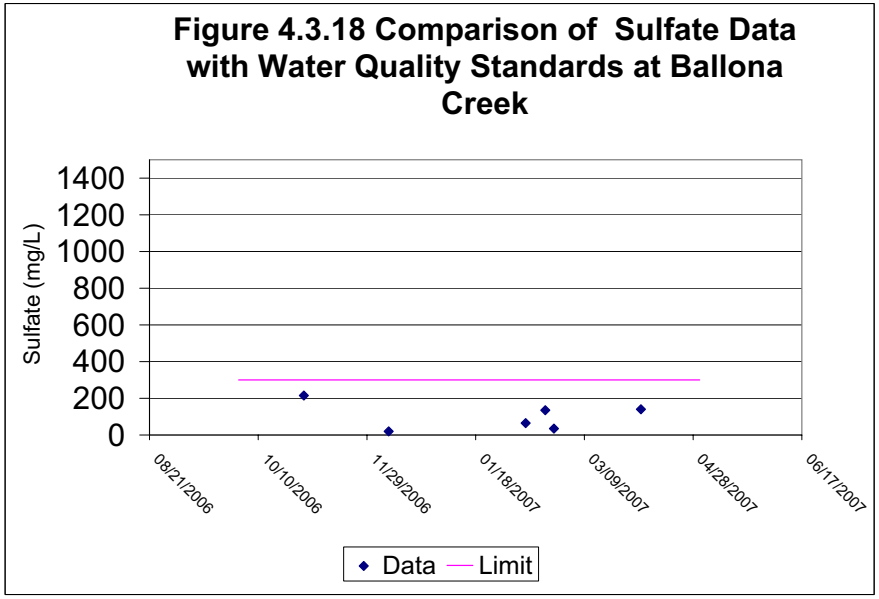


Figure 4.3.18 Comparison of Sulfate Data with Water Quality Standards at Ballona Creek
Sulfate (mg/L)
1400
1200
1000
800
600
400
200
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

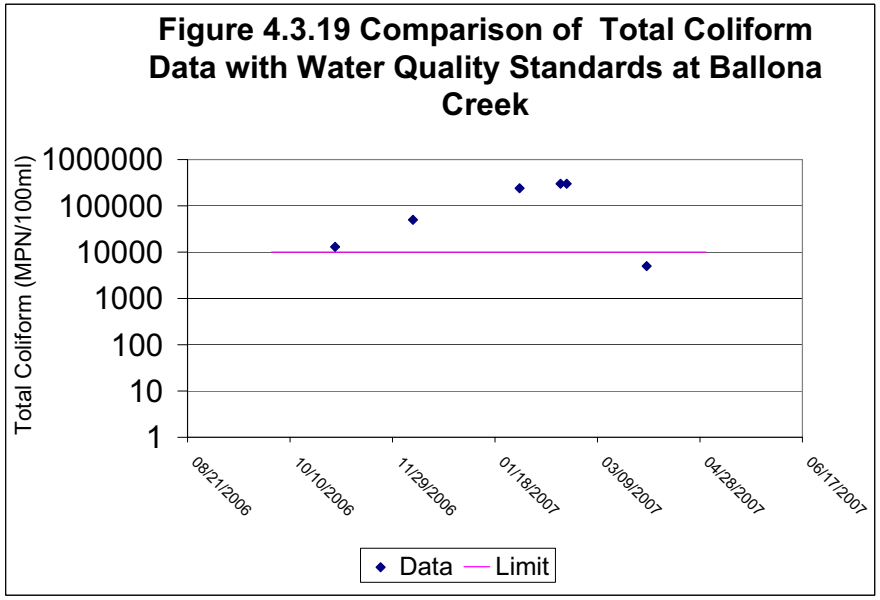


Figure 4.3.19 Comparison of Total Coliform Data with Water Quality Standards at Ballona Creek
Total Coliform (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

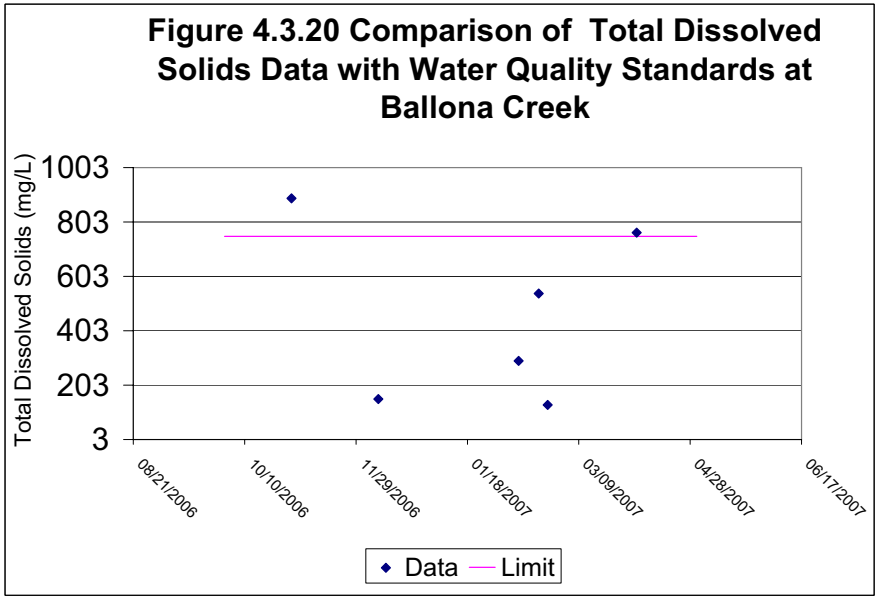


Figure 4.3.20 Comparison of Total Dissolved Solids Data with Water Quality Standards at Ballona Creek
Total Dissolved Solids (mg/L)
1003
803
603
403
203
3
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

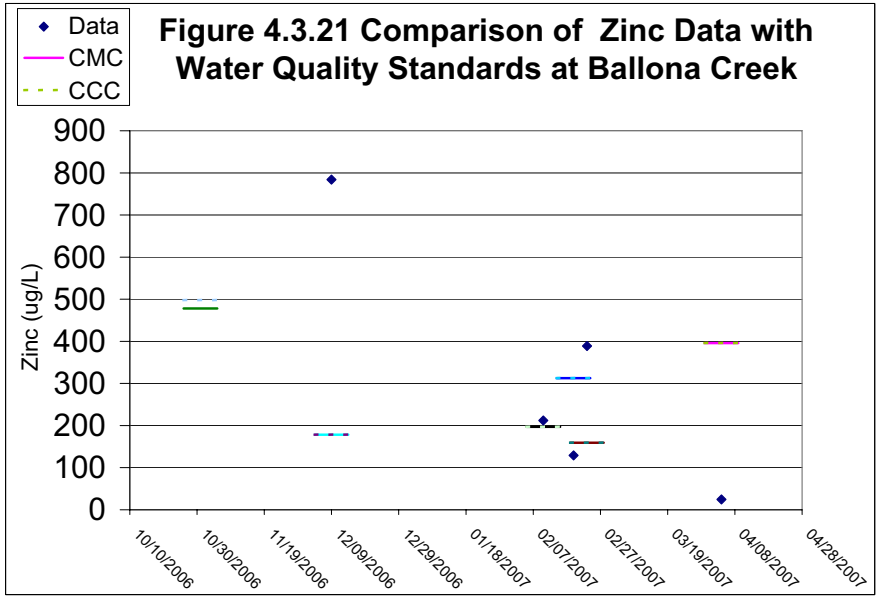


Figure 4.3.21 Comparison of Zinc Data with Water Quality Standards at Ballona Creek

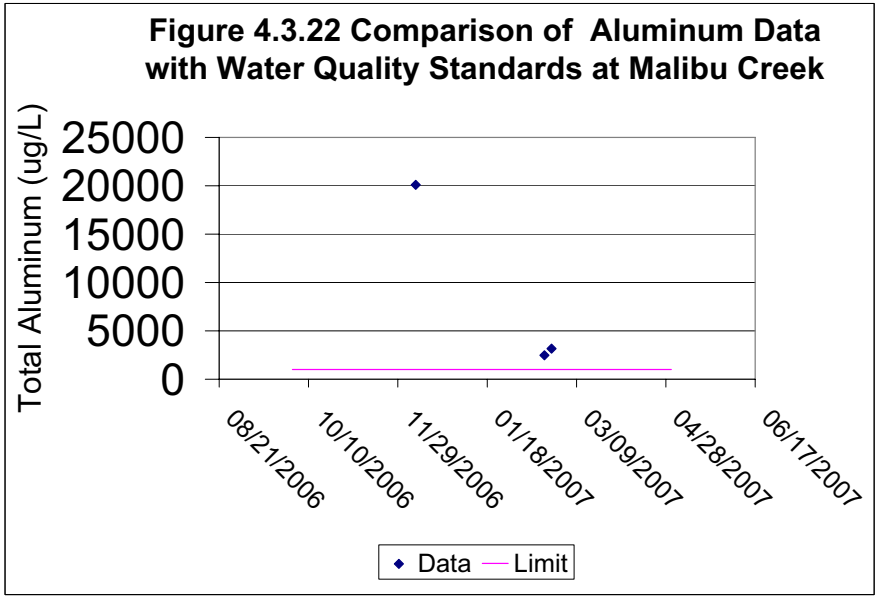


Figure 4.3.22 Comparison of Aluminum Data with Water Quality Standards at Malibu Creek

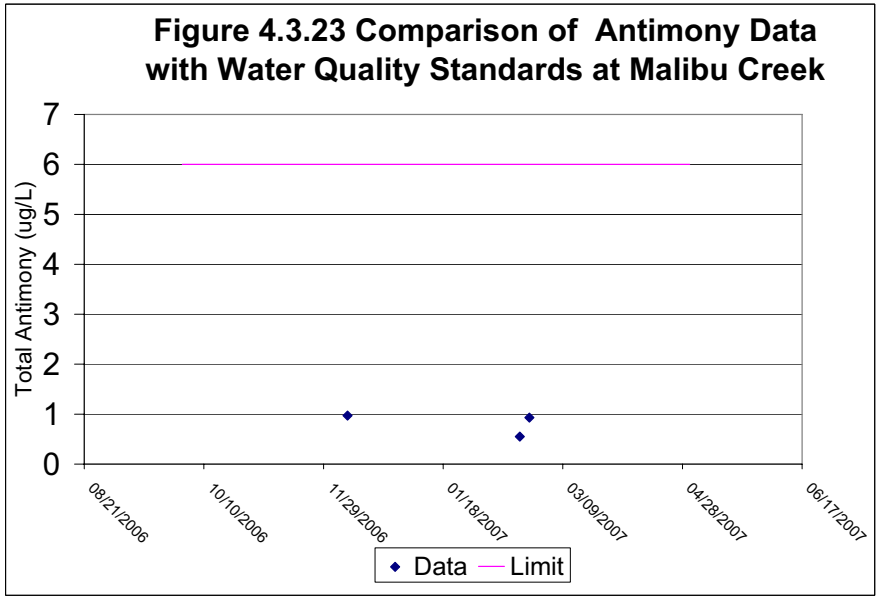


Figure 4.3.23 Comparison of Antimony Data with Water Quality Standards at Malibu Creek

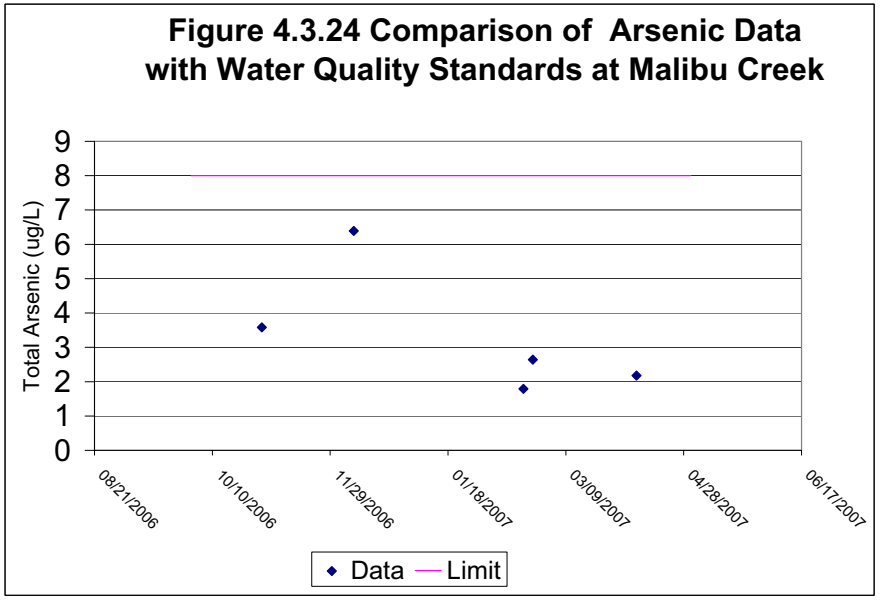


Figure 4.3.24 Comparison of Arsenic Data with Water Quality Standards at Malibu Creek

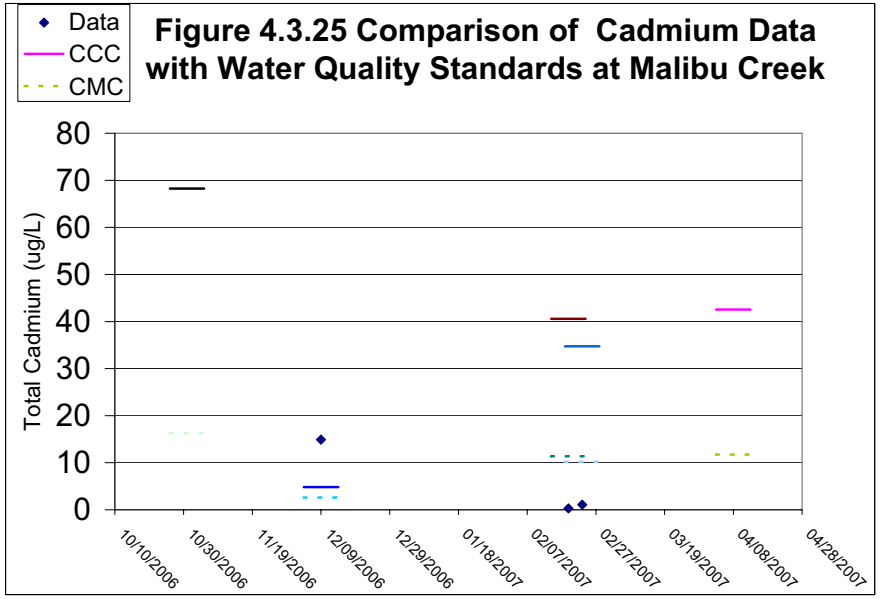


Figure 4.3.25 Comparison of Cadmium Data with Water Quality Standards at Malibu Creek

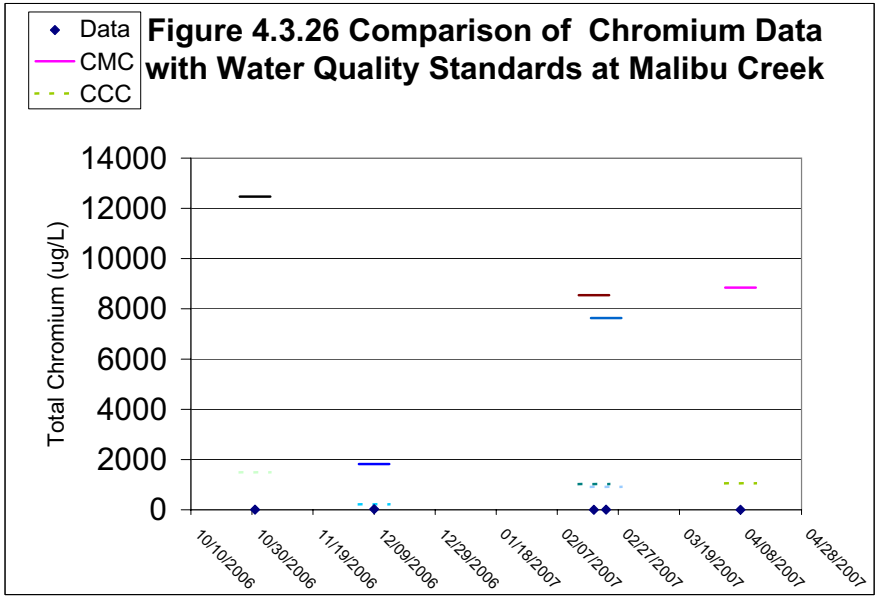


Figure 4.3.26 Comparison of Chromium Data with Water Quality Standards at Malibu Creek

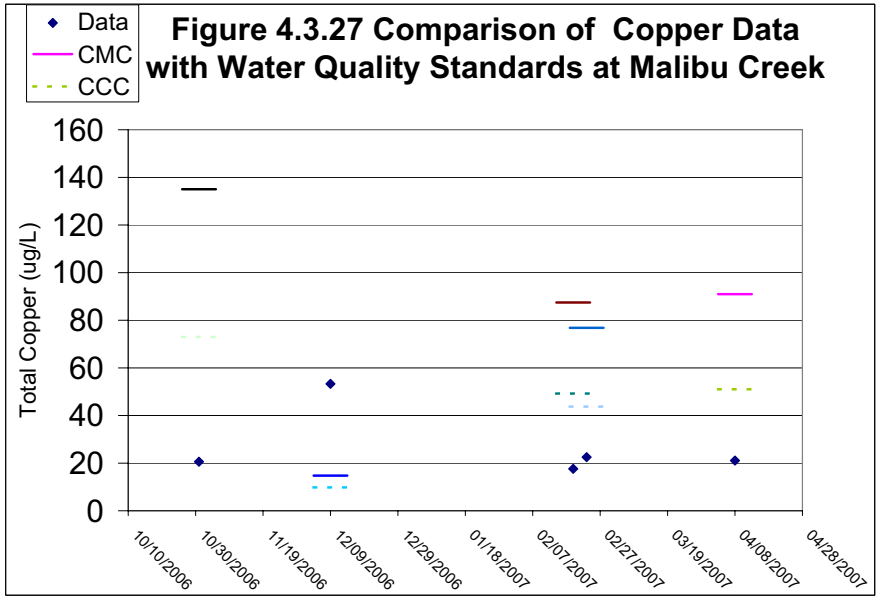


Figure 4.3.27 Comparison of Copper Data with Water Quality Standards at Malibu Creek

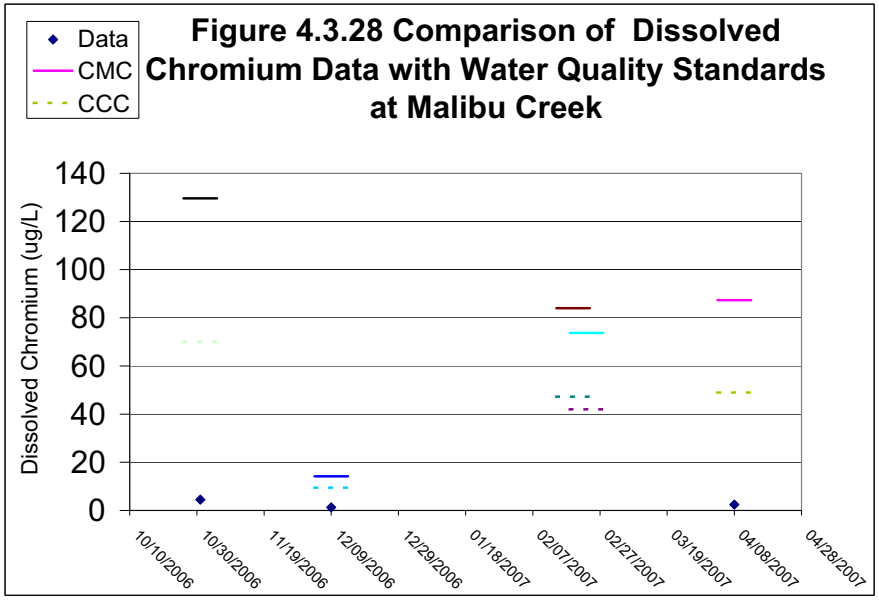


Figure 4.3.28 Comparison of Dissolved Chromium Data with Water Quality Standards at Malibu Creek

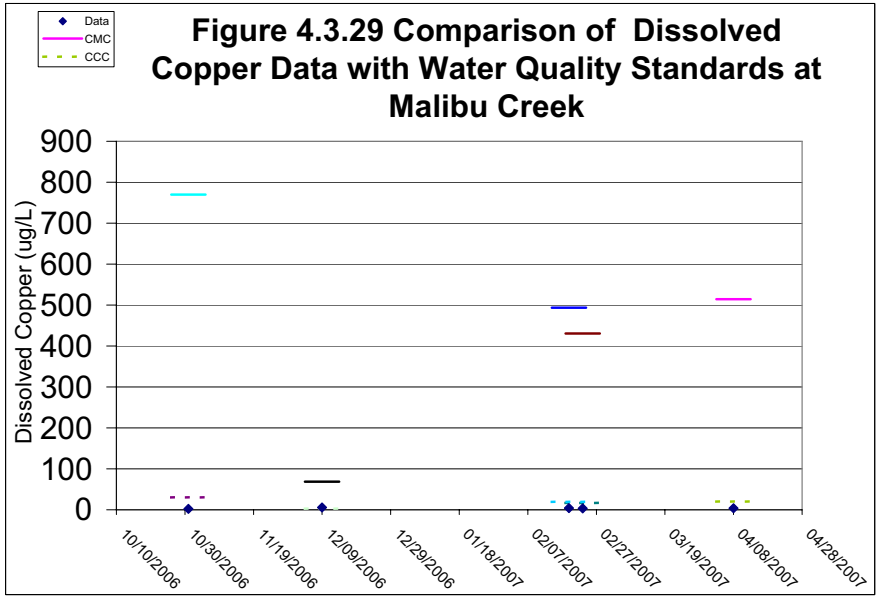


Figure 4.3.29 Comparison of Dissolved Copper Data with Water Quality Standards at Malibu Creek

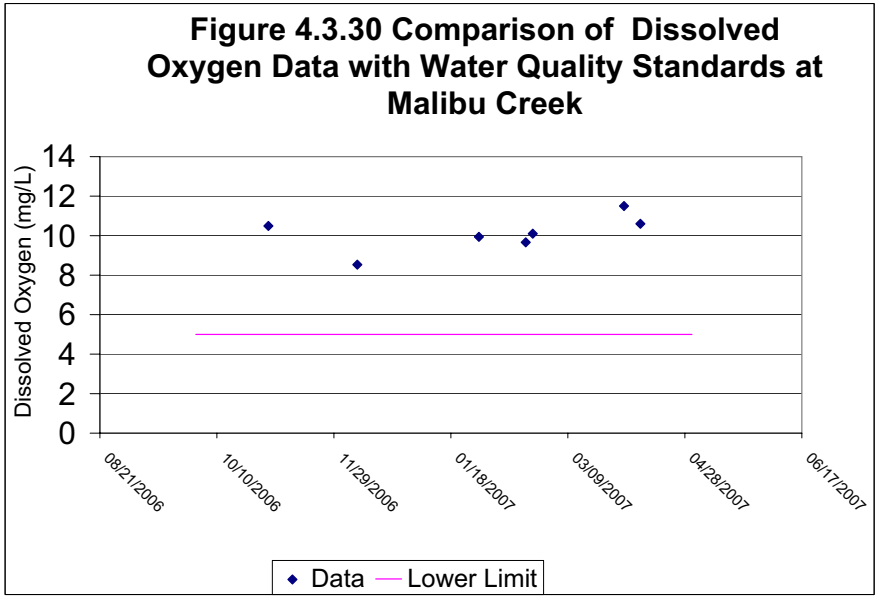


Figure 4.3.30 Comparison of Dissolved Oxygen Data with Water Quality Standards at Malibu Creek

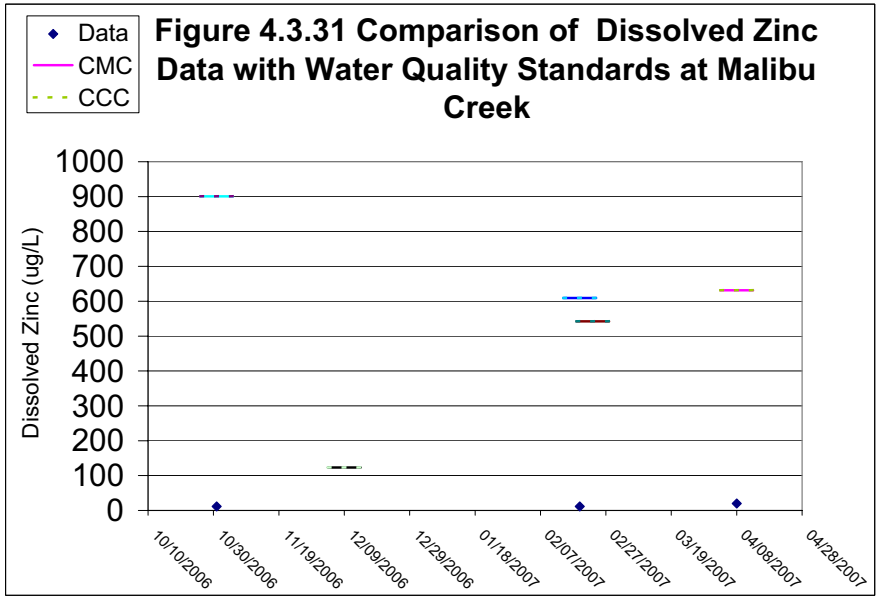


Figure 4.3.31 Comparison of Dissolved Zinc Data with Water Quality Standards at Malibu Creek

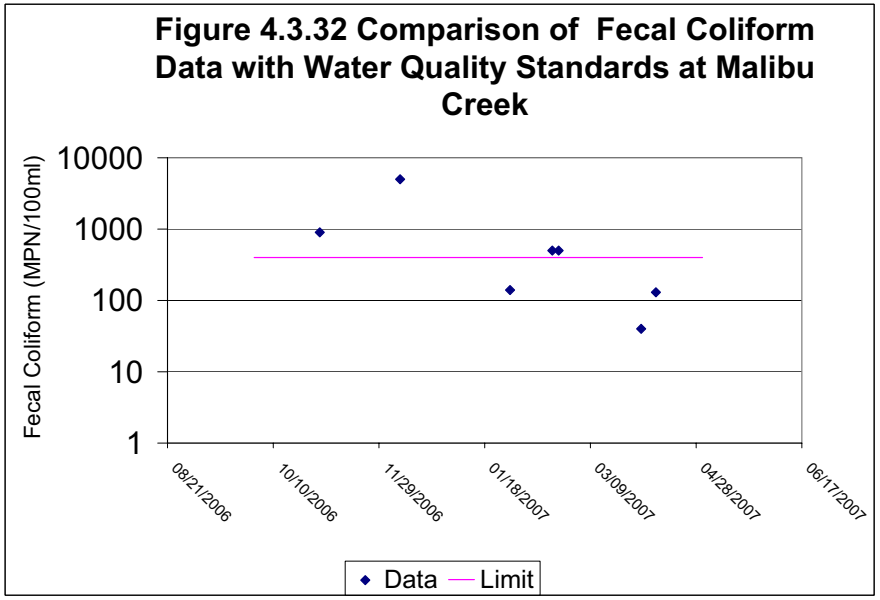


Figure 4.3.32 Comparison of Fecal Coliform Data with Water Quality Standards at Malibu Creek

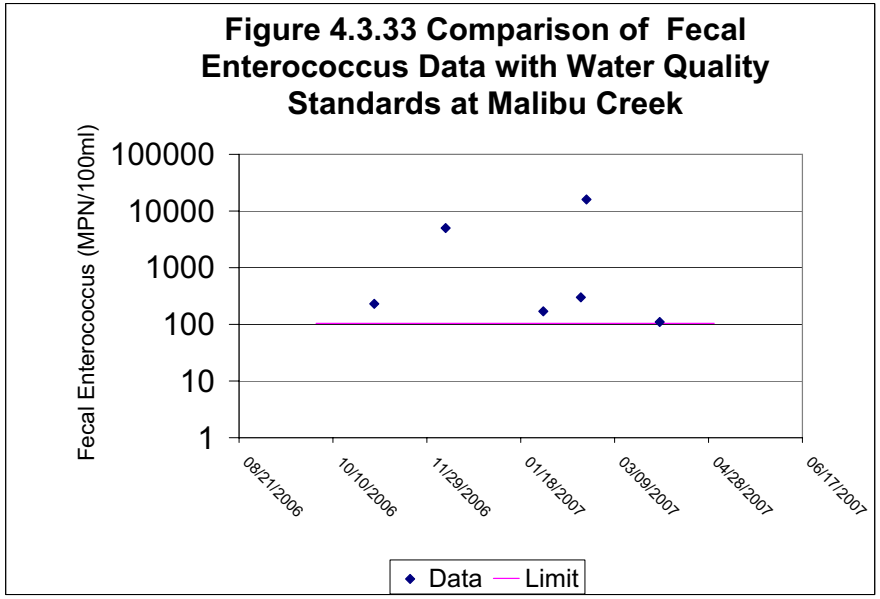
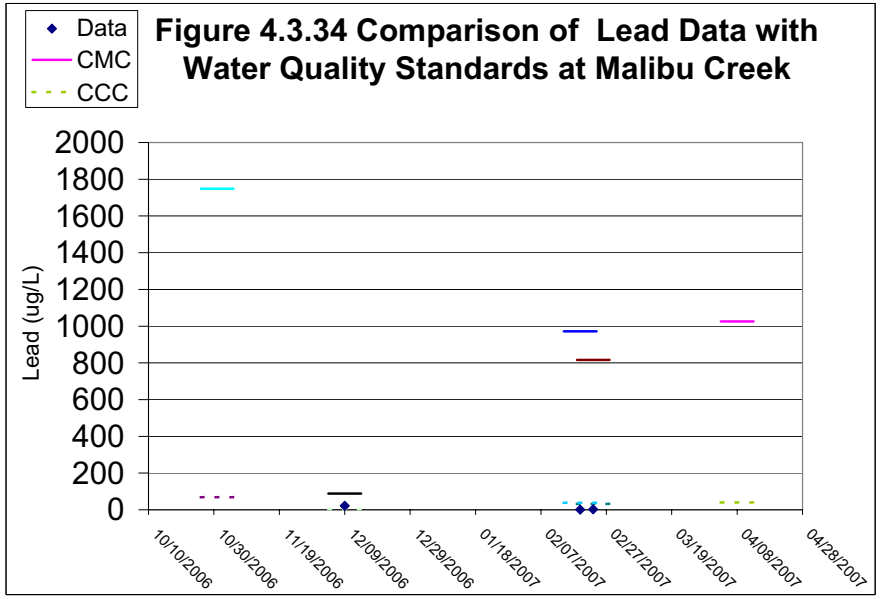
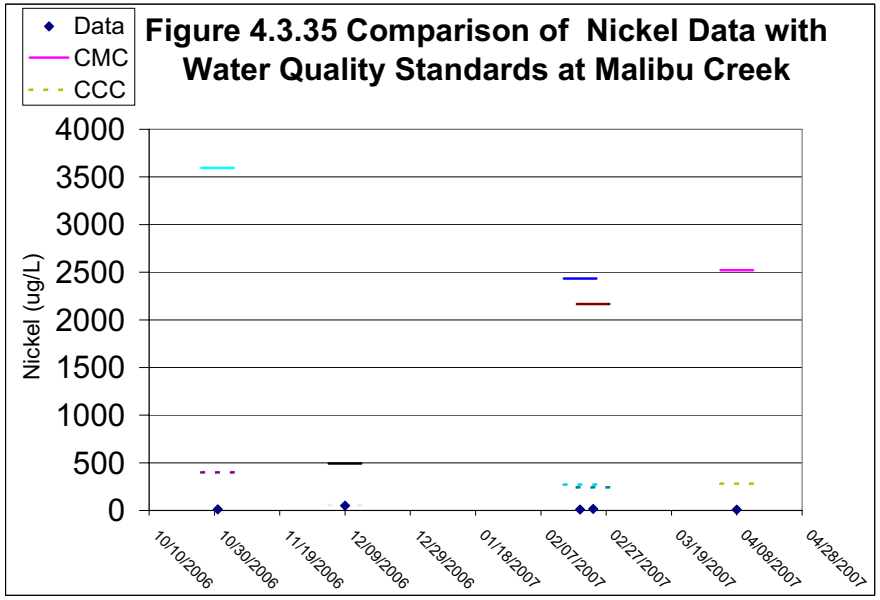


Figure 4.3.33 Comparison of Fecal Enterococcus Data with Water Quality Standards at Malibu Creek
Fecal Enterococcus (MPN/100ml)
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.34 Comparison of Lead Data with Water Quality Standards at Malibu Creek
Lead (ug/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007


Data
CMC
CCC
Figure 4.3.35 Comparison of Nickel Data with Water Quality Standards at Malibu Creek
Nickel (ug/L)
4000
3500
3000
2500
2000
1500
1000
500
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

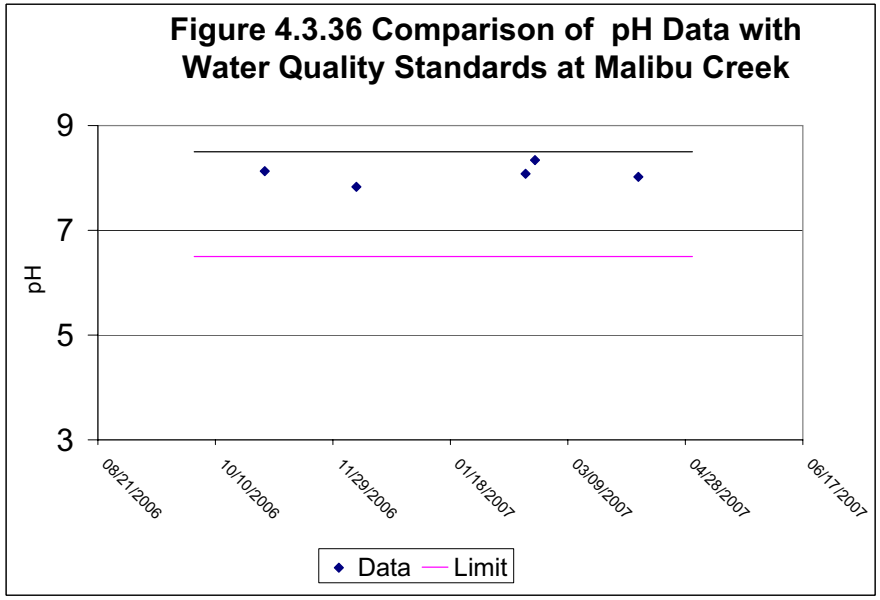


Figure 4.3.36 Comparison of pH Data with Water Quality Standards at Malibu Creek
pH
9
7
5
3
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

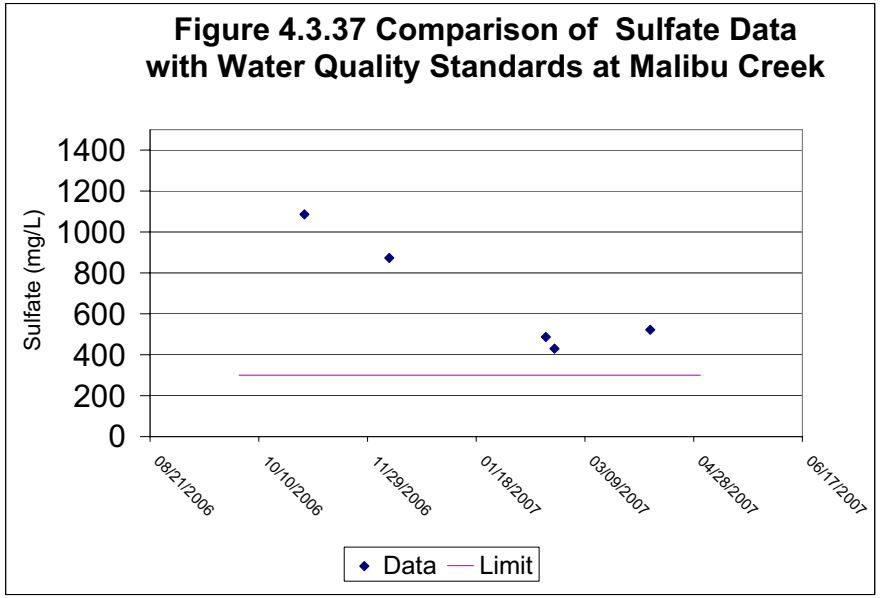


Figure 4.3.37 Comparison of Sulfate Data with Water Quality Standards at Malibu Creek
Sulfate (mg/L)
1400
1200
1000
800
600
400
200
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

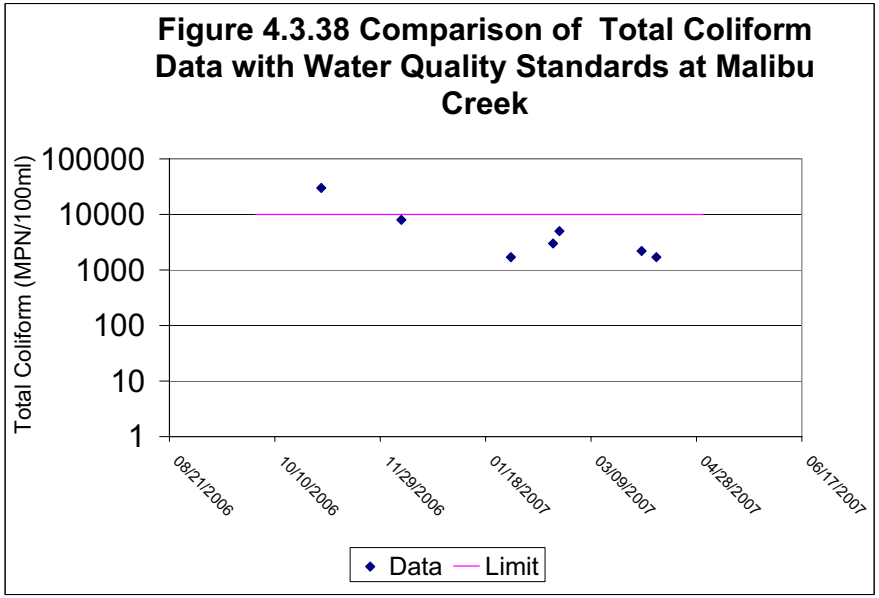


Figure 4.3.38 Comparison of Total Coliform Data with Water Quality Standards at Malibu Creek
Total Coliform (MPN/100ml)
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

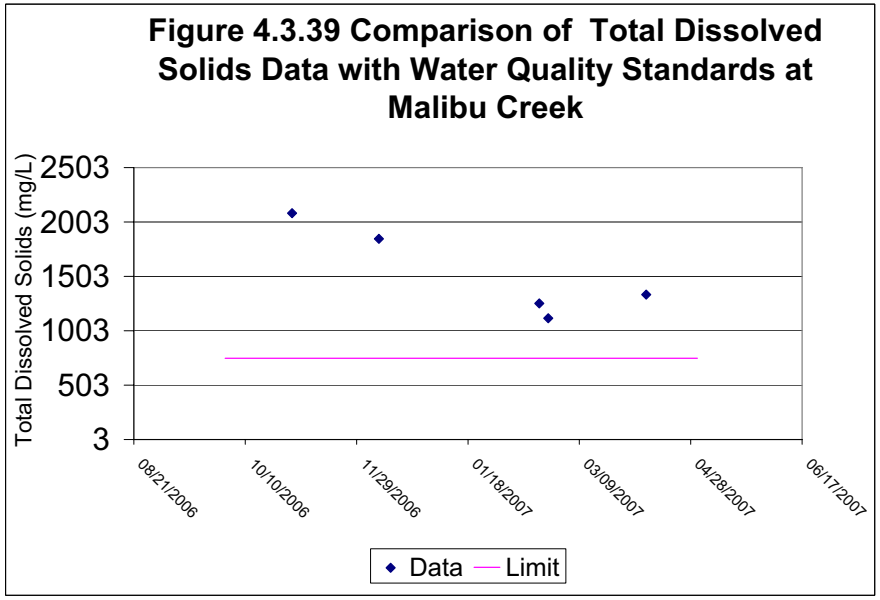
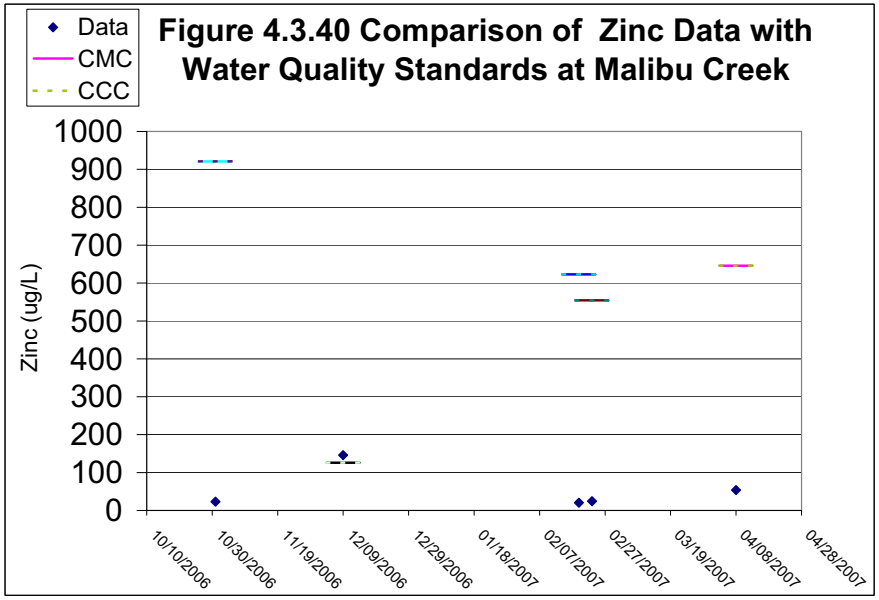


Figure 4.3.39 Comparison of Total Dissolved Solids Data with Water Quality Standards at Malibu Creek
Total Dissolved Solids (mg/L)
2503
2003
1503
1003
503
3
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.40 Comparison of Zinc Data with Water Quality Standards at Malibu Creek
Zinc (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

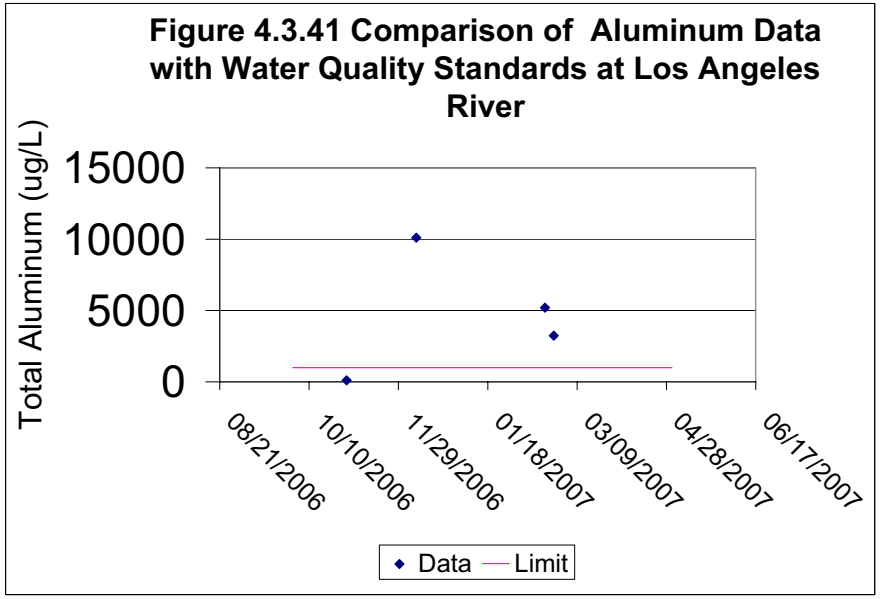


Figure 4.3.41 Comparison of Aluminum Data with Water Quality Standards at Los Angeles River
Total Aluminum (ug/L)
15000
10000
5000
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

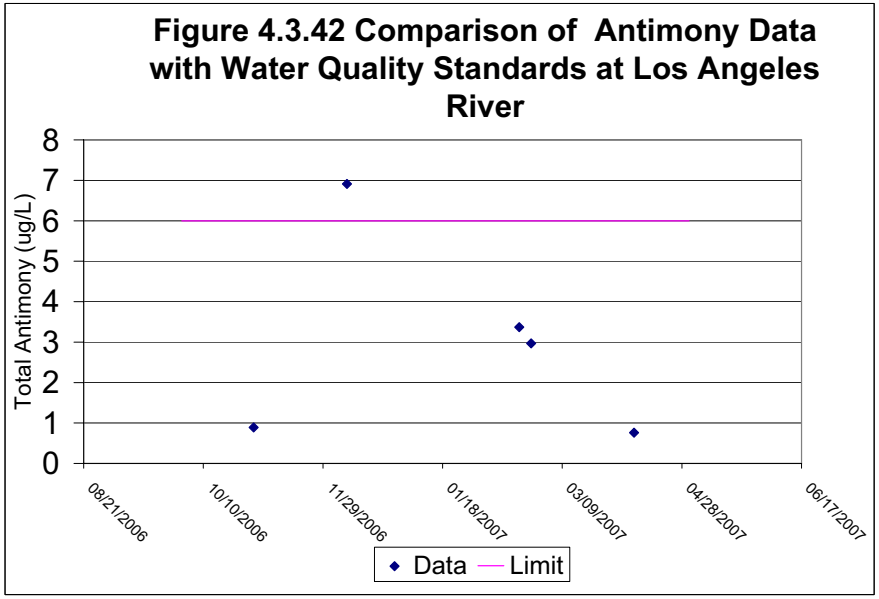


Figure 4.3.42 Comparison of Antimony Data with Water Quality Standards at Los Angeles River
Total Antimony (ug/L)
8
7
6
5
4
3
2
1
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

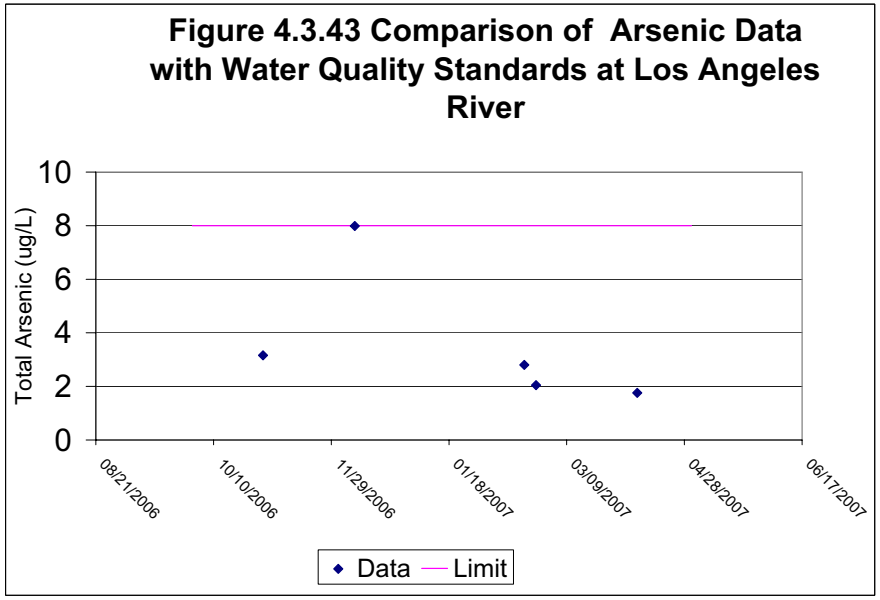
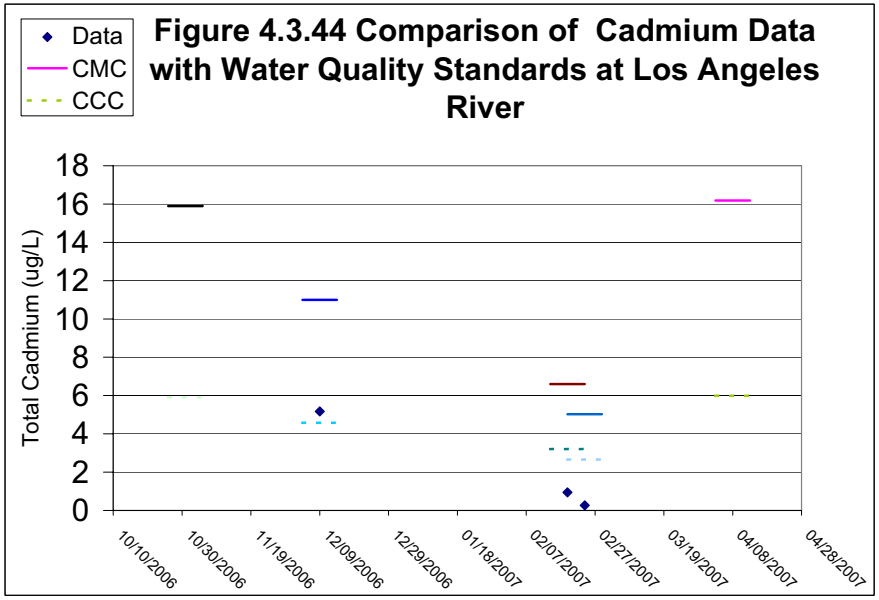


Figure 4.3.43 Comparison of Arsenic Data with Water Quality Standards at Los Angeles River
Total Arsenic (ug/L)
10
8
6
4
2
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.44 Comparison of Cadmium Data with Water Quality Standards at Los Angeles River
Total Cadmium (ug/L)
18
16
14
12
10
8
6
4
2
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

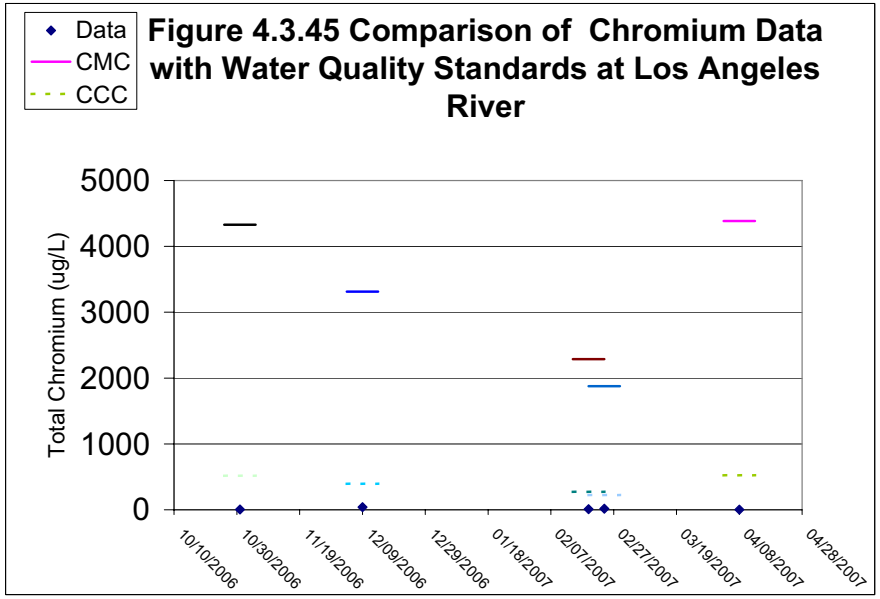


Figure 4.3.45 Comparison of Chromium Data with Water Quality Standards at Los Angeles River

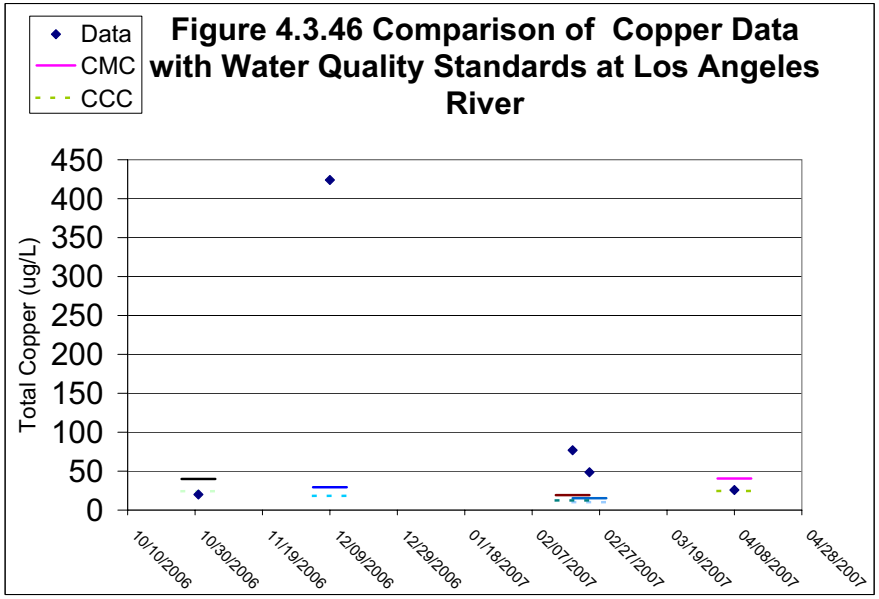


Figure 4.3.46 Comparison of Copper Data with Water Quality Standards at Los Angeles River

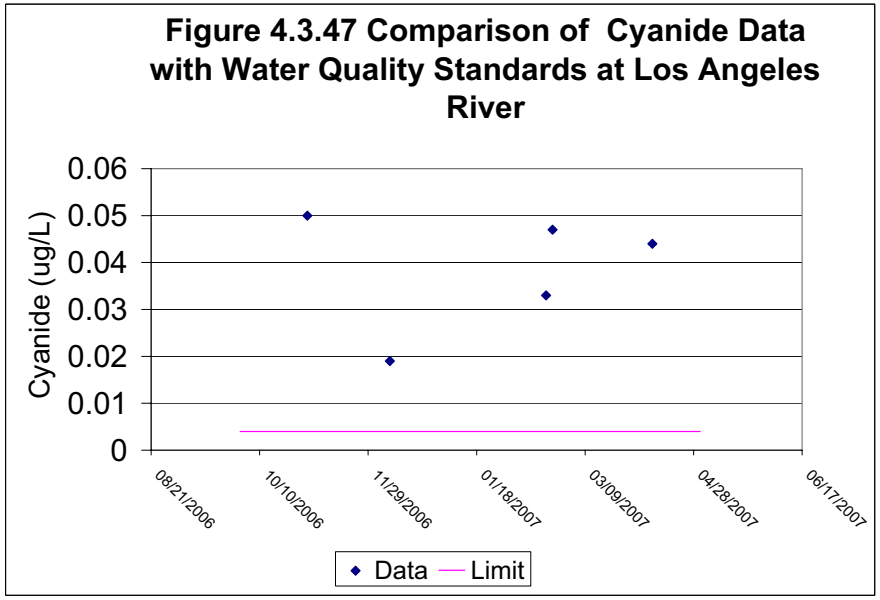


Figure 4.3.47 Comparison of Cyanide Data with Water Quality Standards at Los Angeles River

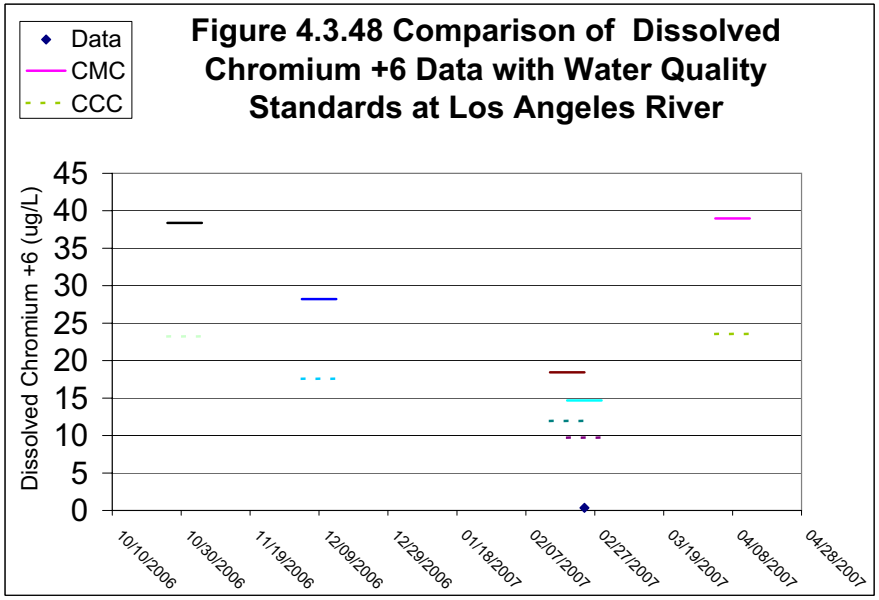


Figure 4.3.48 Comparison of Dissolved Chromium +6 Data with Water Quality Standards at Los Angeles River

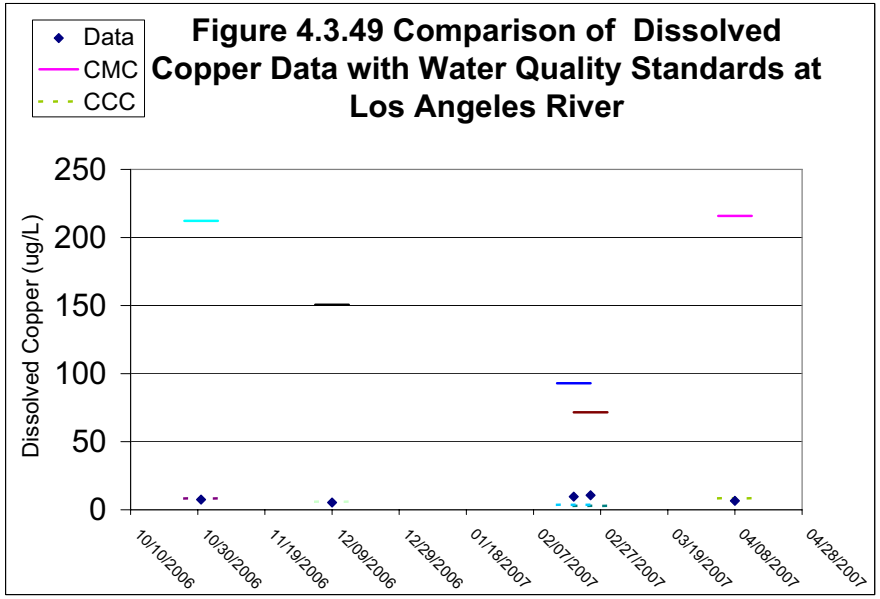


Figure 4.3.49 Comparison of Dissolved Copper Data with Water Quality Standards at Los Angeles River

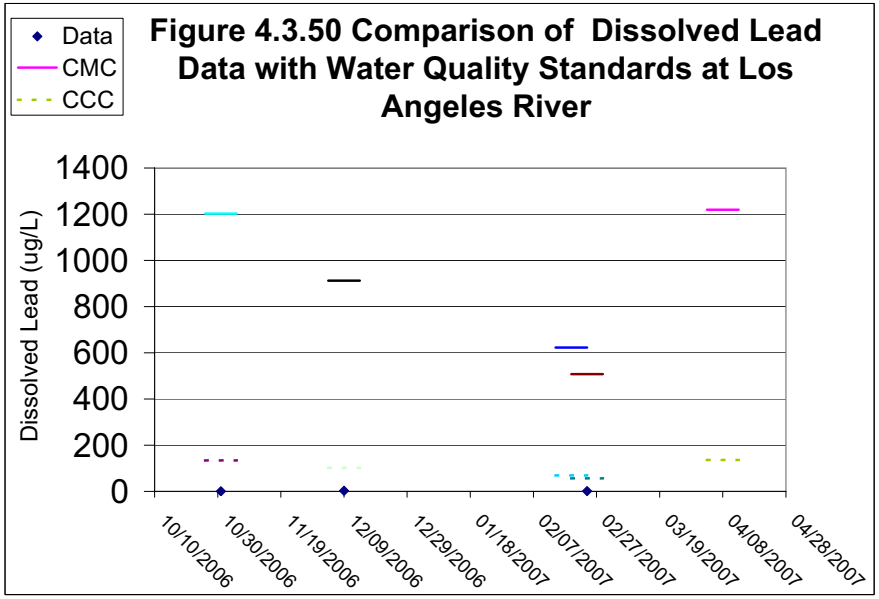


Figure 4.3.50 Comparison of Dissolved Lead Data with Water Quality Standards at Los Angeles River

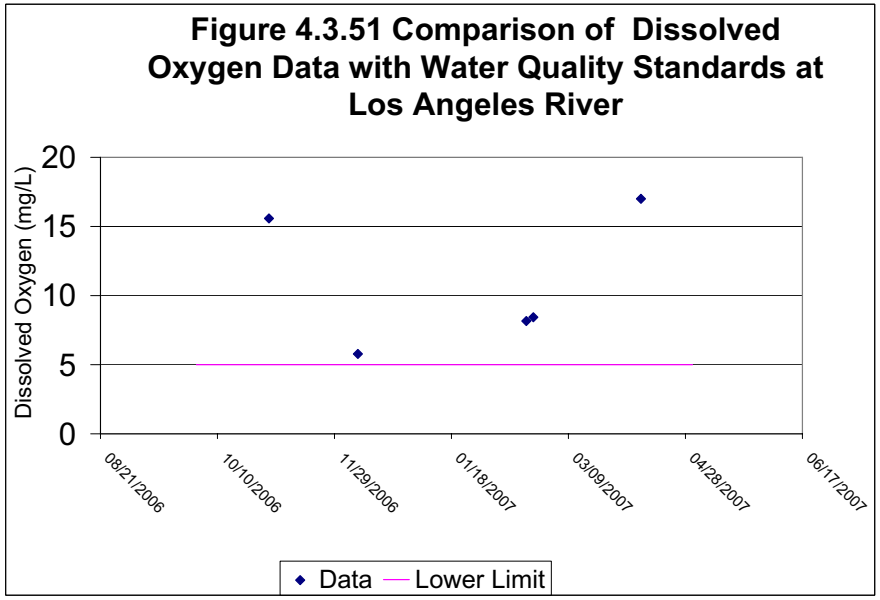


Figure 4.3.51 Comparison of Dissolved Oxygen Data with Water Quality Standards at Los Angeles River

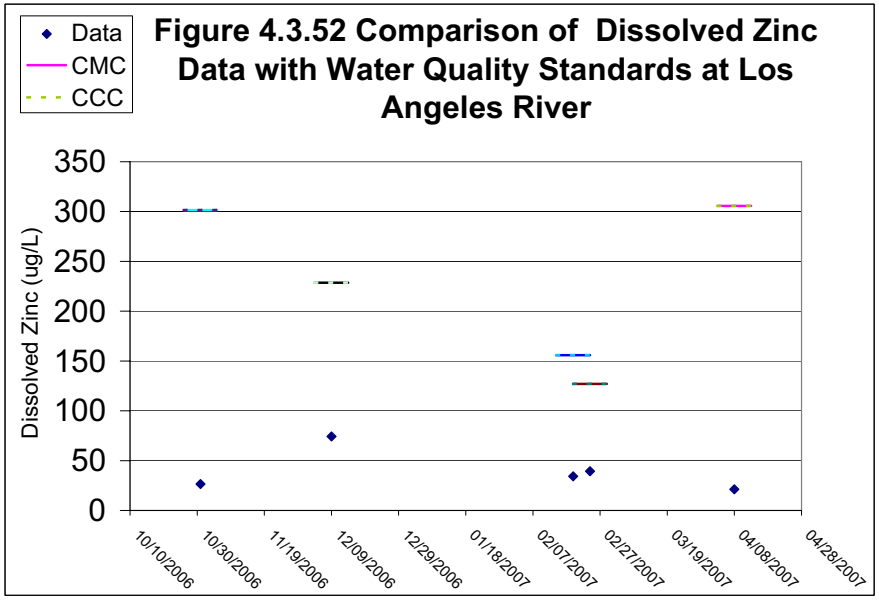


Figure 4.3.52 Comparison of Dissolved Zinc Data with Water Quality Standards at Los Angeles River

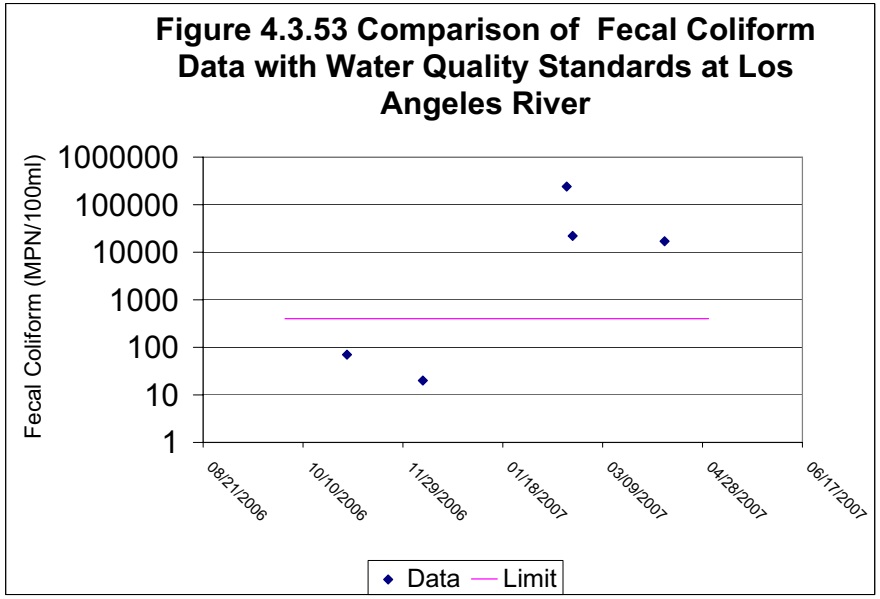


Figure 4.3.53 Comparison of Fecal Coliform Data with Water Quality Standards at Los Angeles River
Fecal Coliform (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

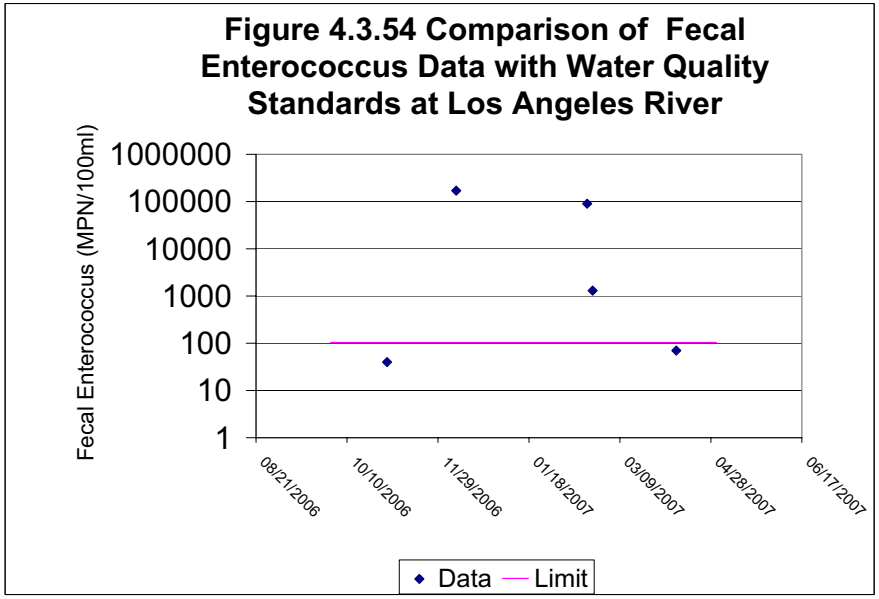
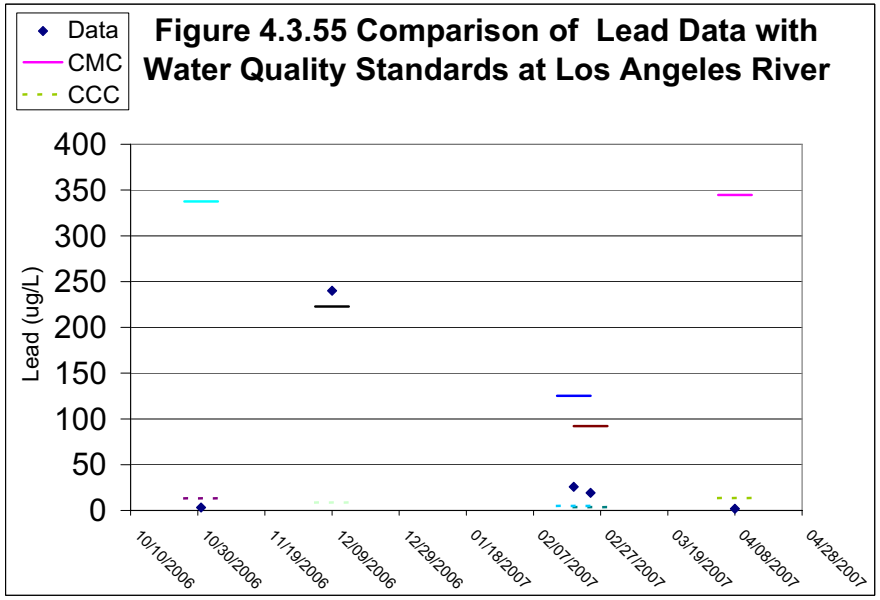
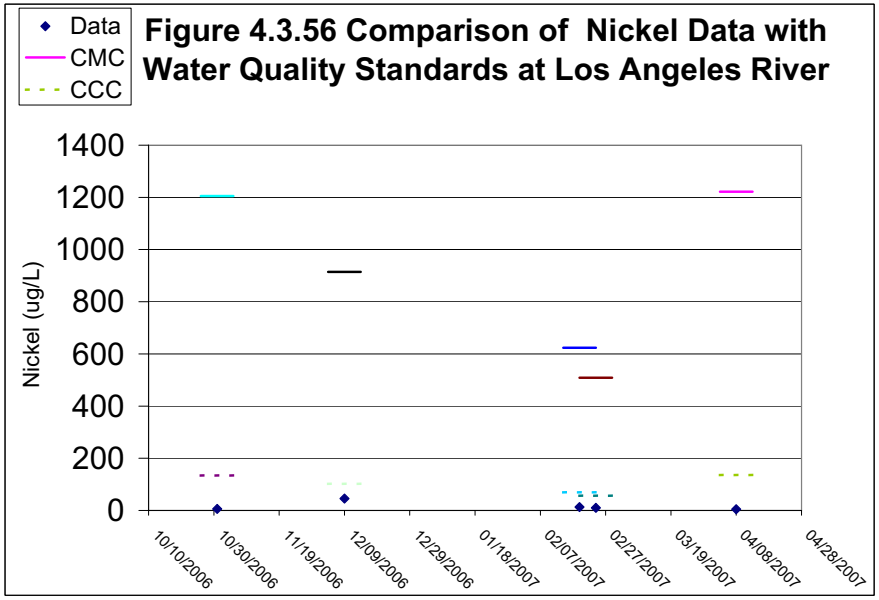


Figure 4.3.54 Comparison of Fecal Enterococcus Data with Water Quality Standards at Los Angeles River
Fecal Enterococcus (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.55 Comparison of Lead Data with Water Quality Standards at Los Angeles River
Lead (ug/L)
400
350
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007


Data
CMC
CCC
Figure 4.3.56 Comparison of Nickel Data with Water Quality Standards at Los Angeles River
Nickel (ug/L)
1400
1200
1000
800
600
400
200
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

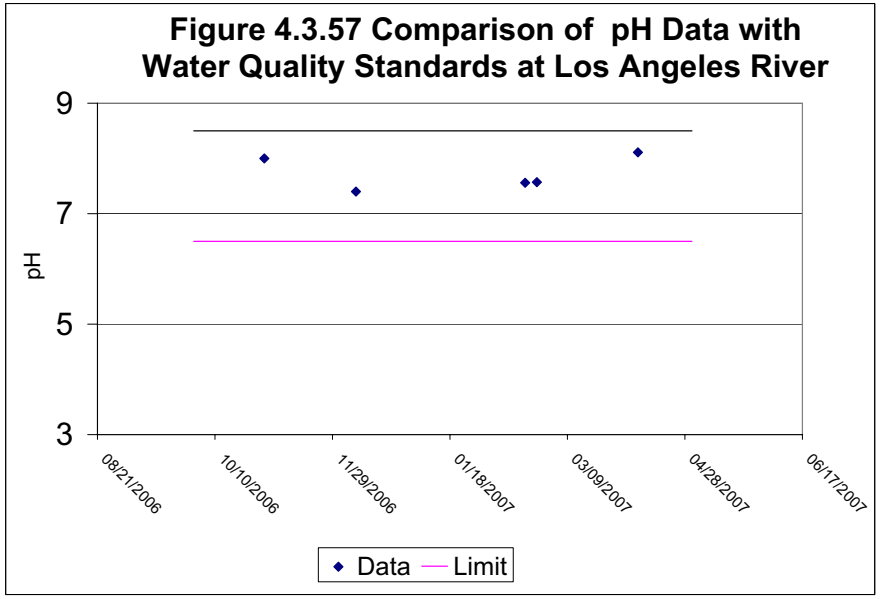


Figure 4.3.57 Comparison of pH Data with Water Quality Standards at Los Angeles River
pH
9
7
5
3
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

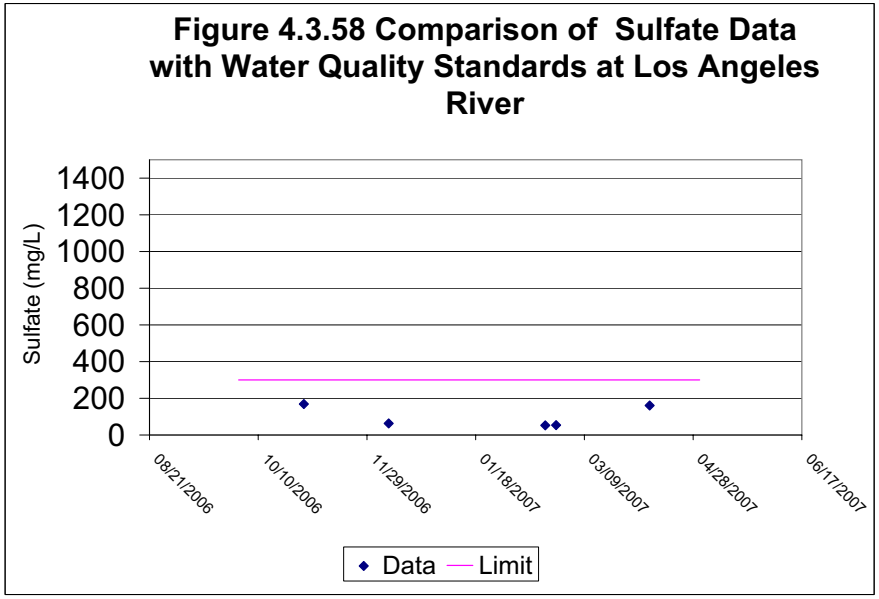


Figure 4.3.58 Comparison of Sulfate Data with Water Quality Standards at Los Angeles River
Sulfate (mg/L)
1400
1200
1000
800
600
400
200
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

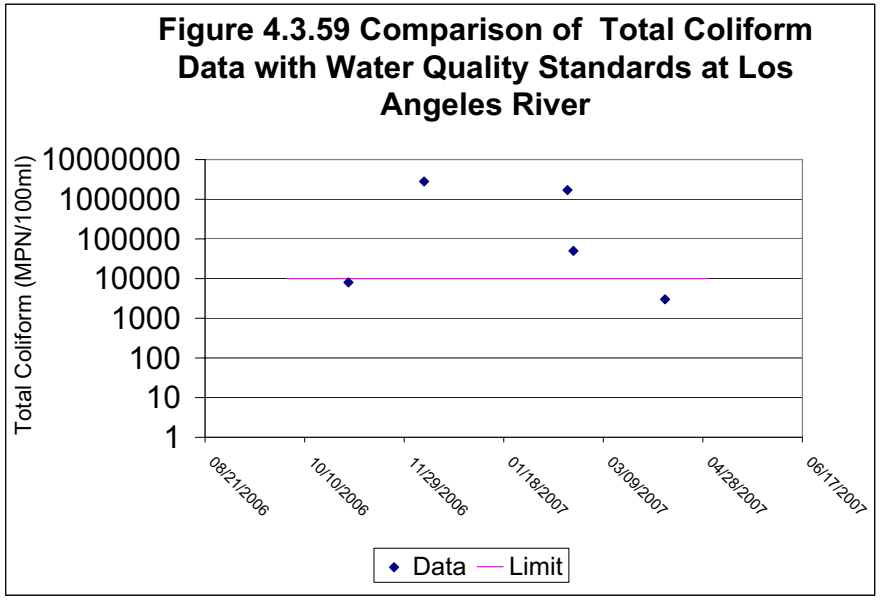


Figure 4.3.59 Comparison of Total Coliform Data with Water Quality Standards at Los Angeles River
Total Coliform (MPN/100ml)
10000000
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

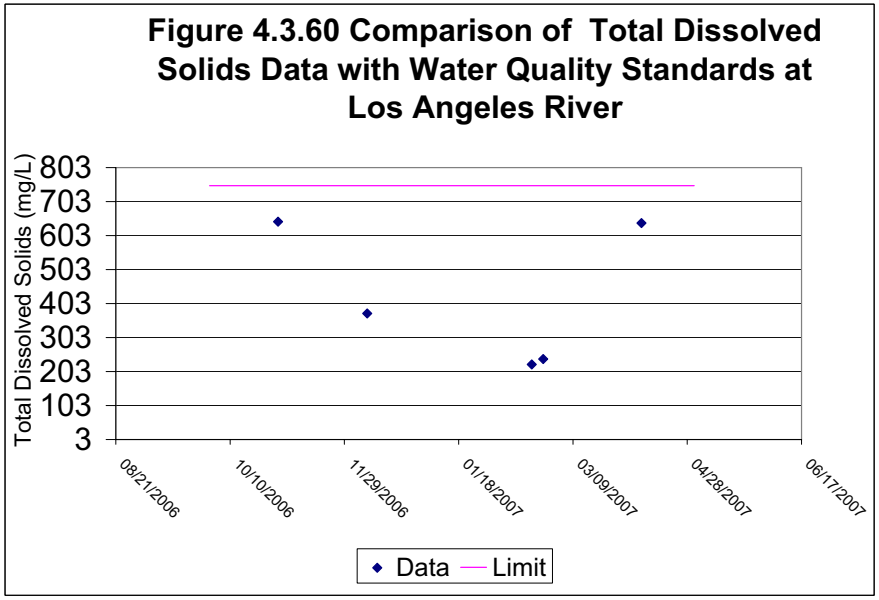


Figure 4.3.60 Comparison of Total Dissolved Solids Data with Water Quality Standards at Los Angeles River
Total Dissolved Solids (mg/L)
803
703
603
503
403
303
203
103
3
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

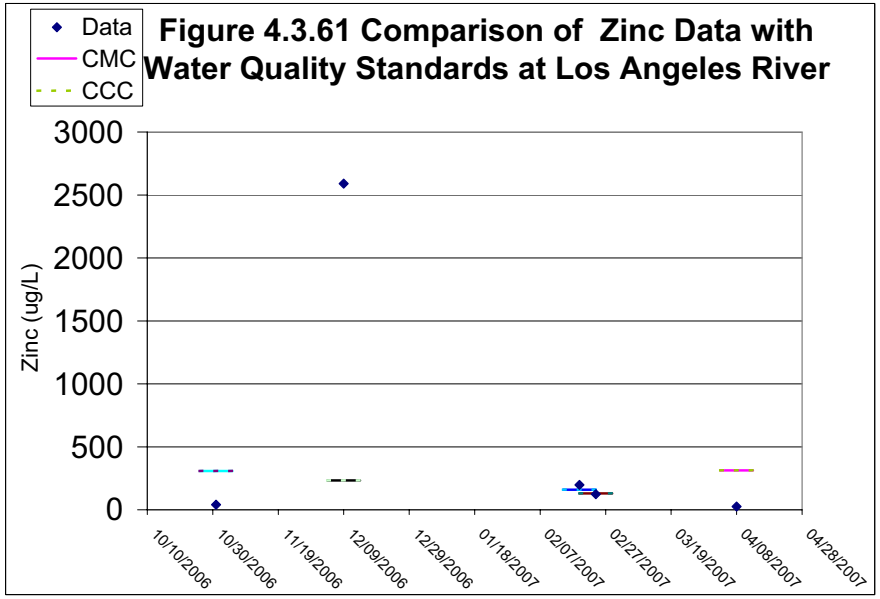


Figure 4.3.61 Comparison of Zinc Data with Water Quality Standards at Los Angeles River
Data
CMC
CCC
Zinc (ug/L)
3000
2500
2000
1500
1000
500
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

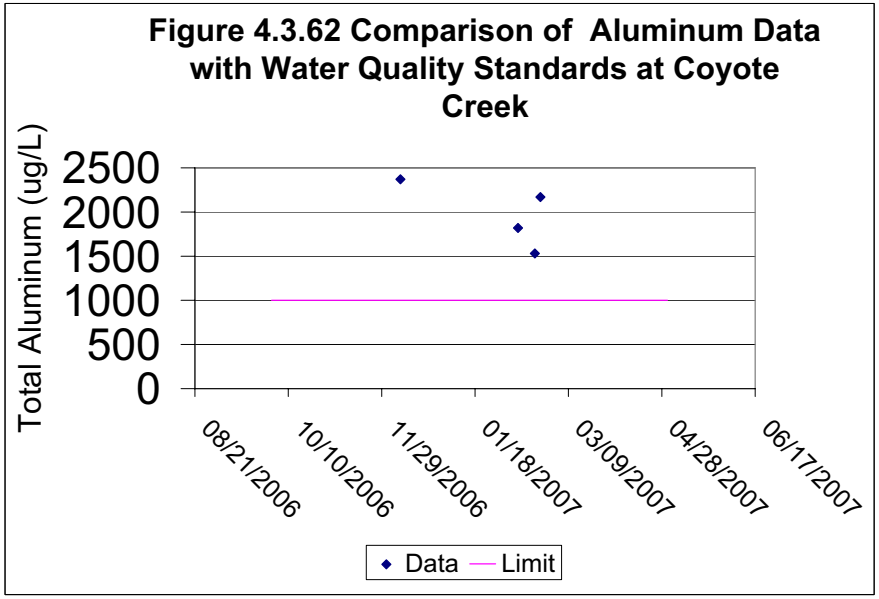


Figure 4.3.62 Comparison of Aluminum Data with Water Quality Standards at Coyote Creek
Total Aluminum (ug/L)
2500
2000
1500
1000
500
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

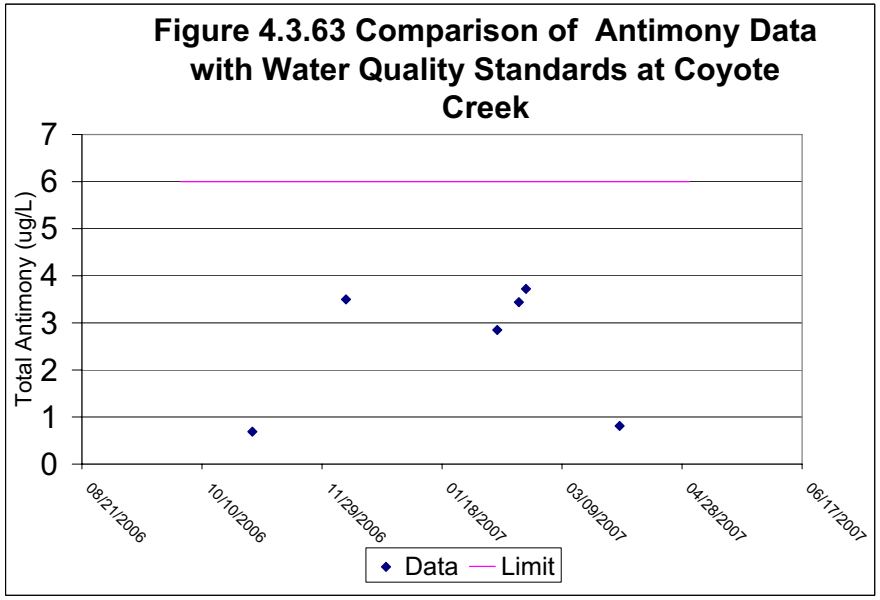


Figure 4.3.63 Comparison of Antimony Data with Water Quality Standards at Coyote Creek
Total Antimony (ug/L)
7
6
5
4
3
2
1
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

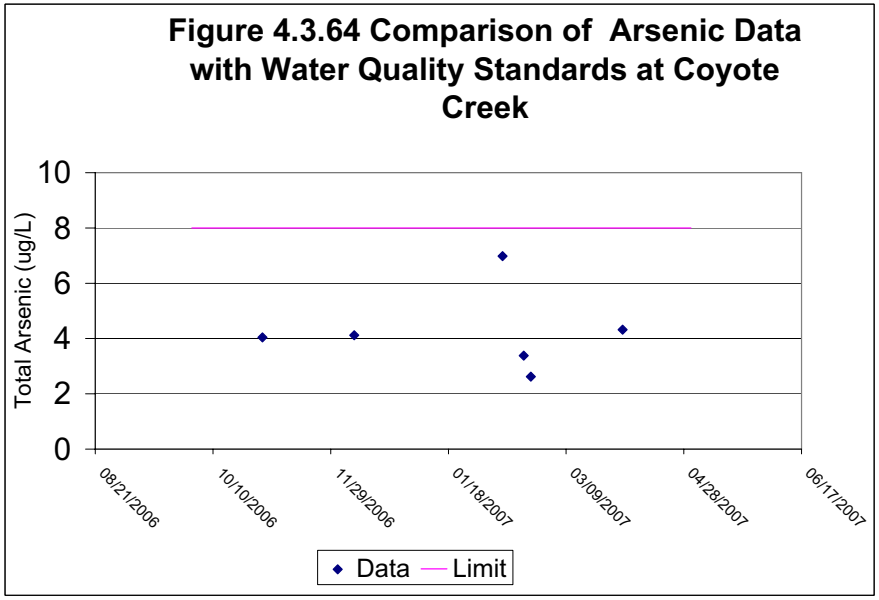


Figure 4.3.64 Comparison of Arsenic Data with Water Quality Standards at Coyote Creek
Total Arsenic (ug/L)
10
8
6
4
2
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

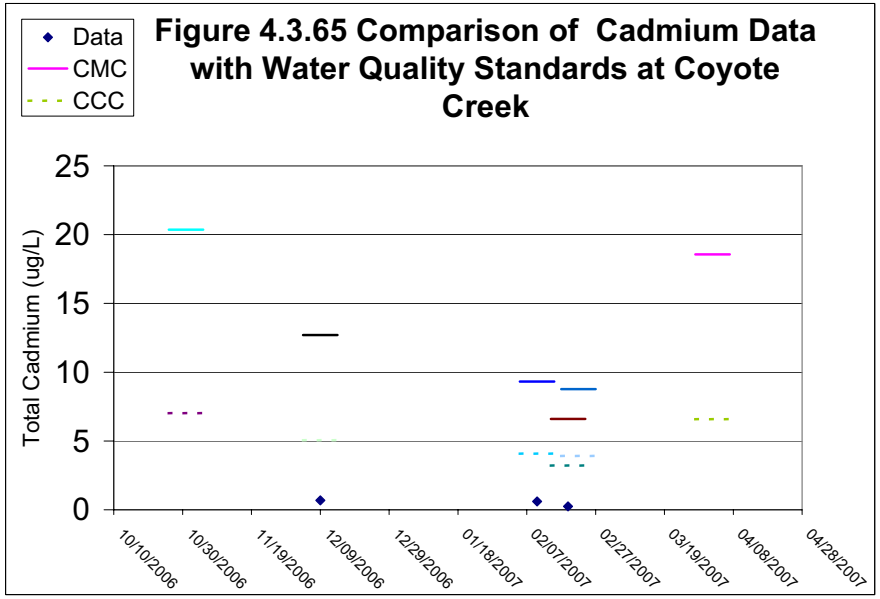


Figure 4.3.65 Comparison of Cadmium Data with Water Quality Standards at Coyote Creek

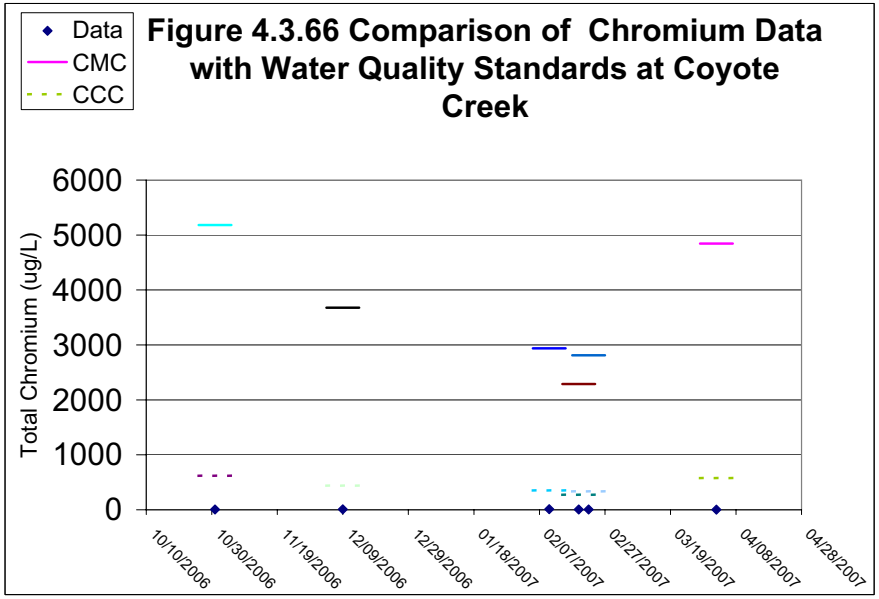


Figure 4.3.66 Comparison of Chromium Data with Water Quality Standards at Coyote Creek

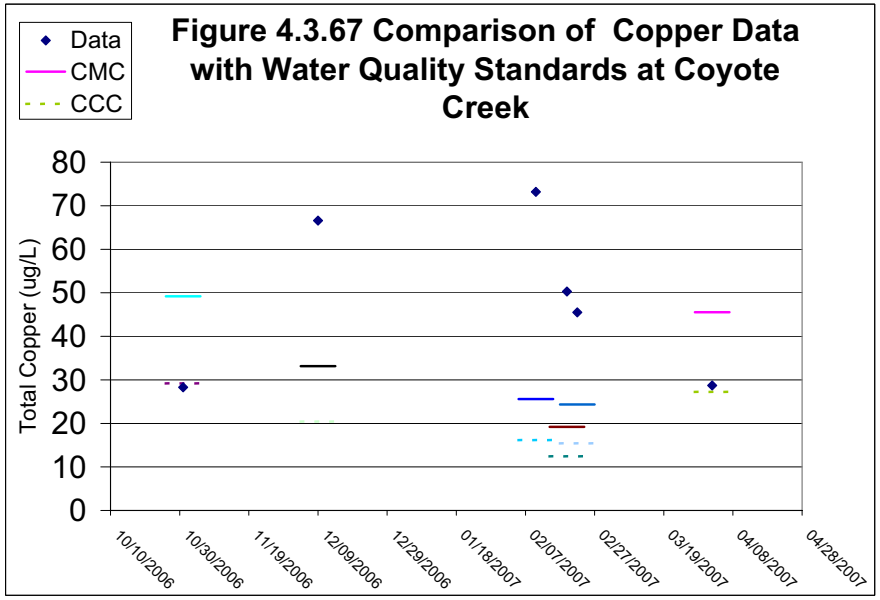


Figure 4.3.67 Comparison of Copper Data with Water Quality Standards at Coyote Creek

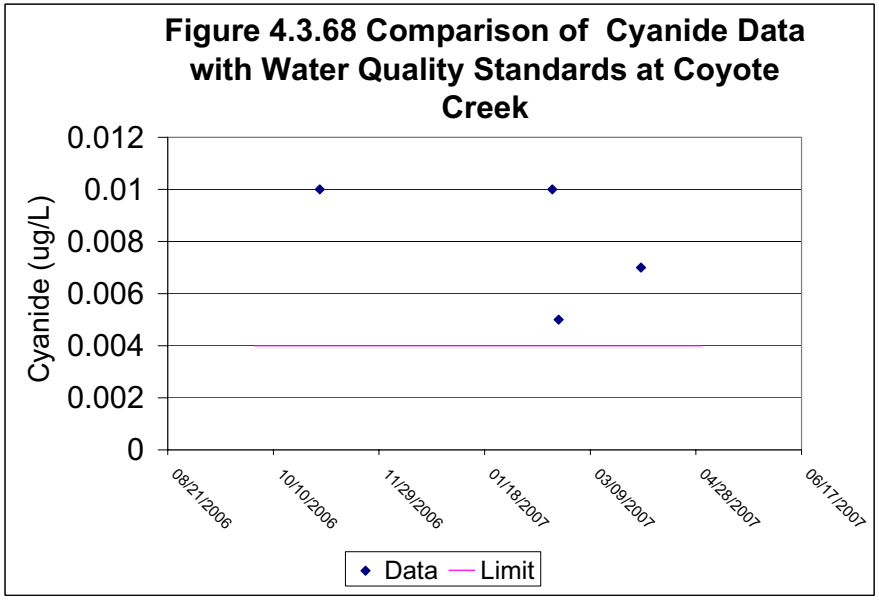


Figure 4.3.68 Comparison of Cyanide Data with Water Quality Standards at Coyote Creek

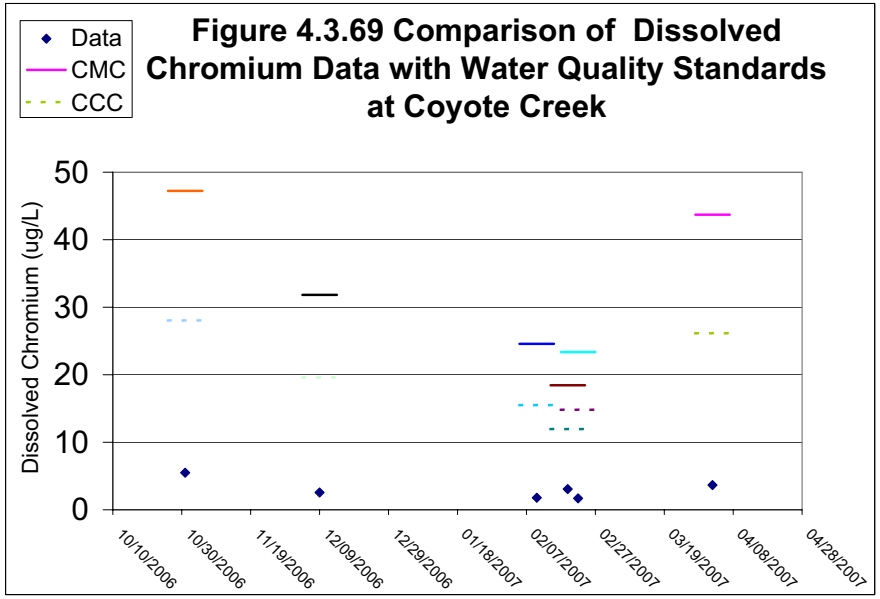


Figure 4.3.69 Comparison of Dissolved Chromium Data with Water Quality Standards at Coyote Creek

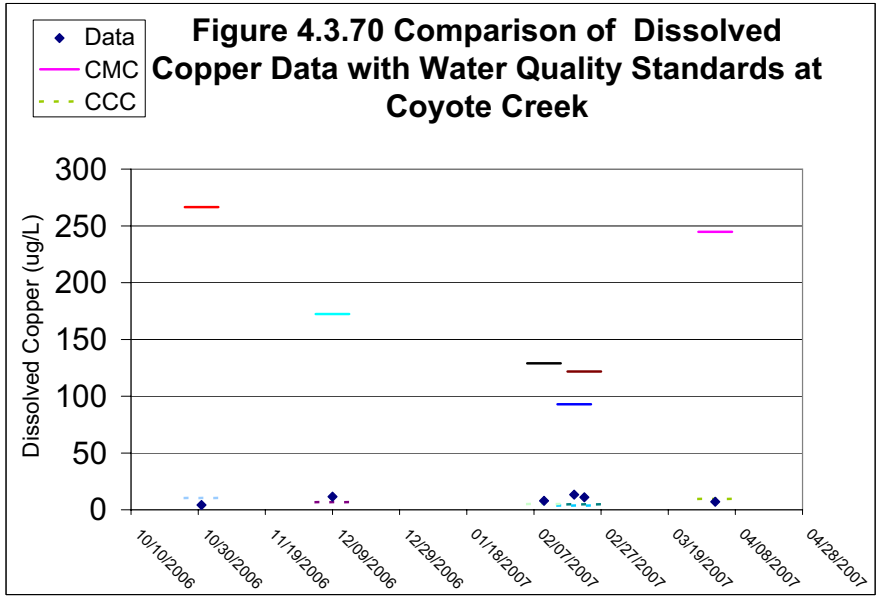


Figure 4.3.70 Comparison of Dissolved Copper Data with Water Quality Standards at Coyote Creek

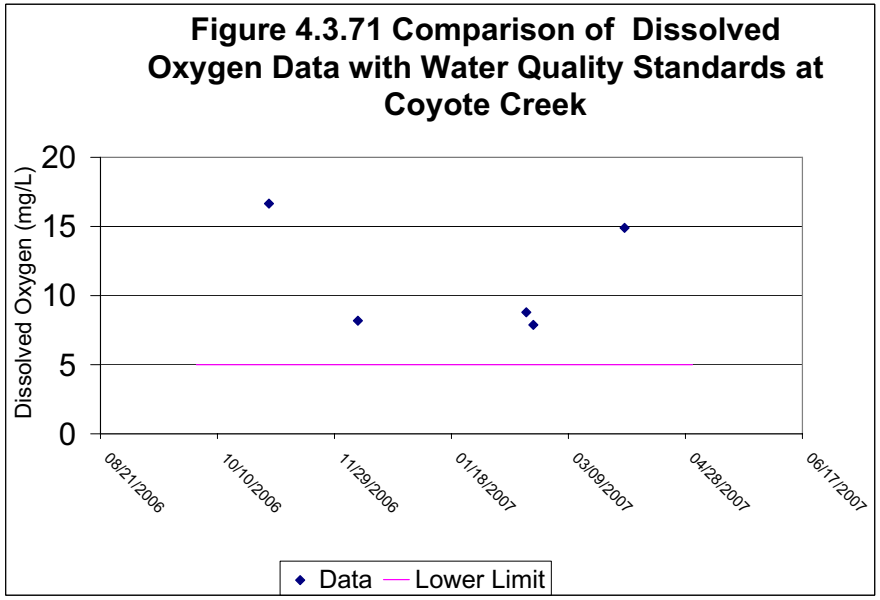


Figure 4.3.71 Comparison of Dissolved Oxygen Data with Water Quality Standards at Coyote Creek

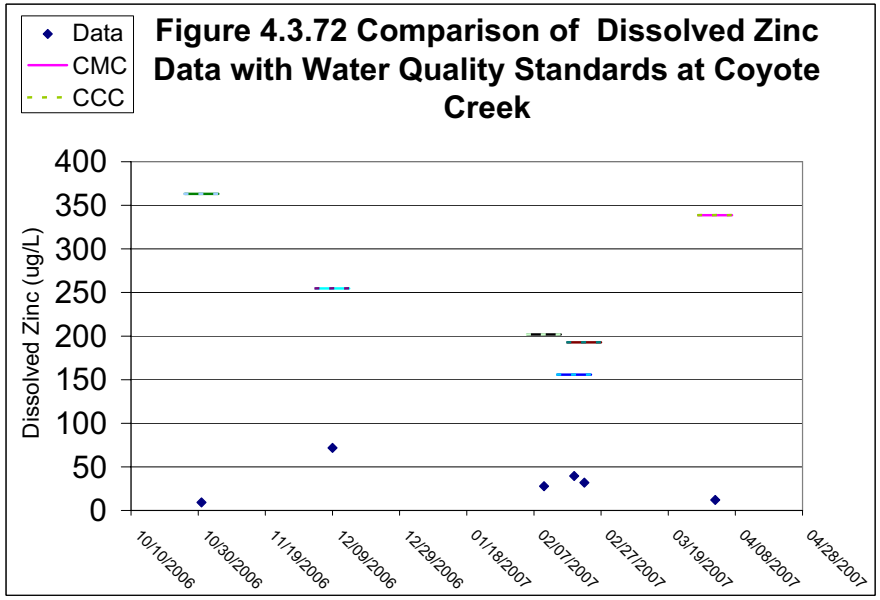


Figure 4.3.72 Comparison of Dissolved Zinc Data with Water Quality Standards at Coyote Creek

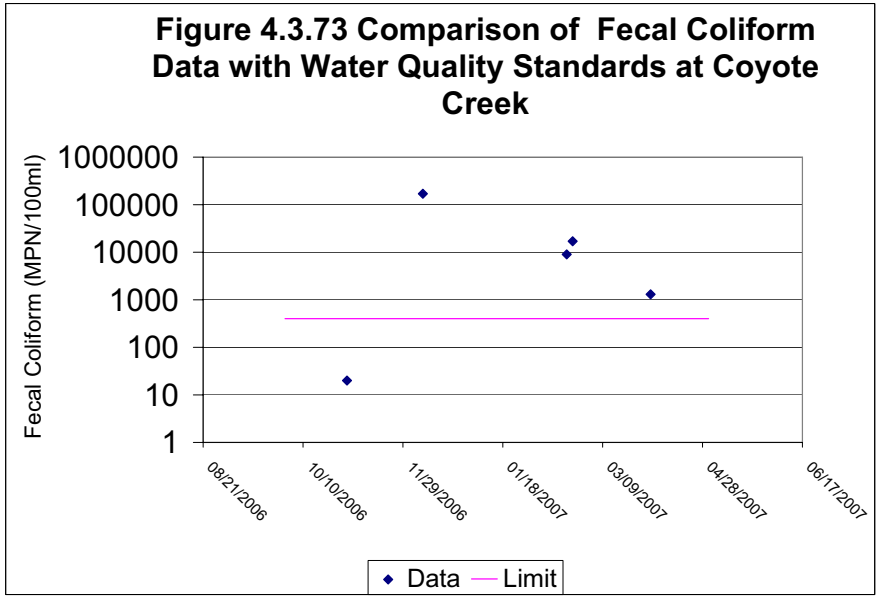


Figure 4.3.73 Comparison of Fecal Coliform Data with Water Quality Standards at Coyote Creek
Fecal Coliform (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

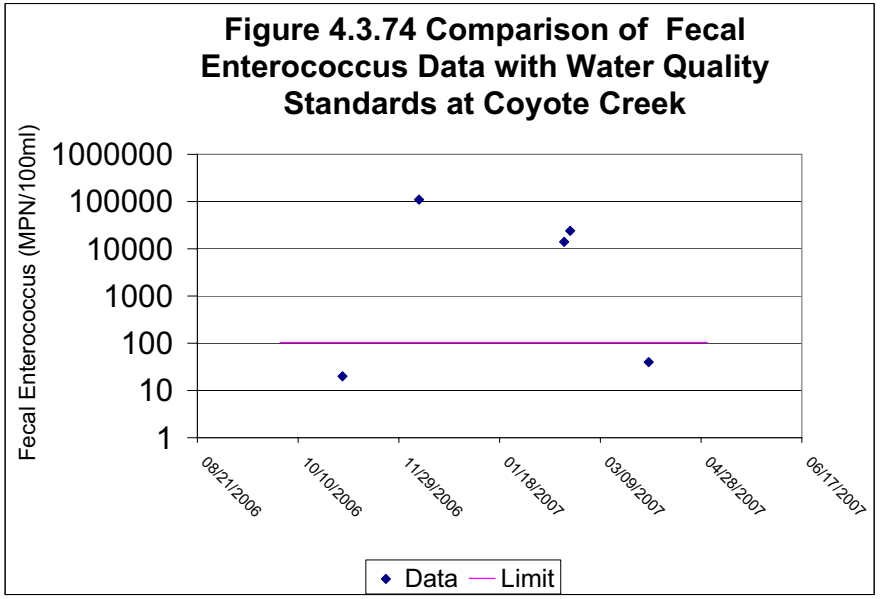


Figure 4.3.74 Comparison of Fecal Enterococcus Data with Water Quality Standards at Coyote Creek
Fecal Enterococcus (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

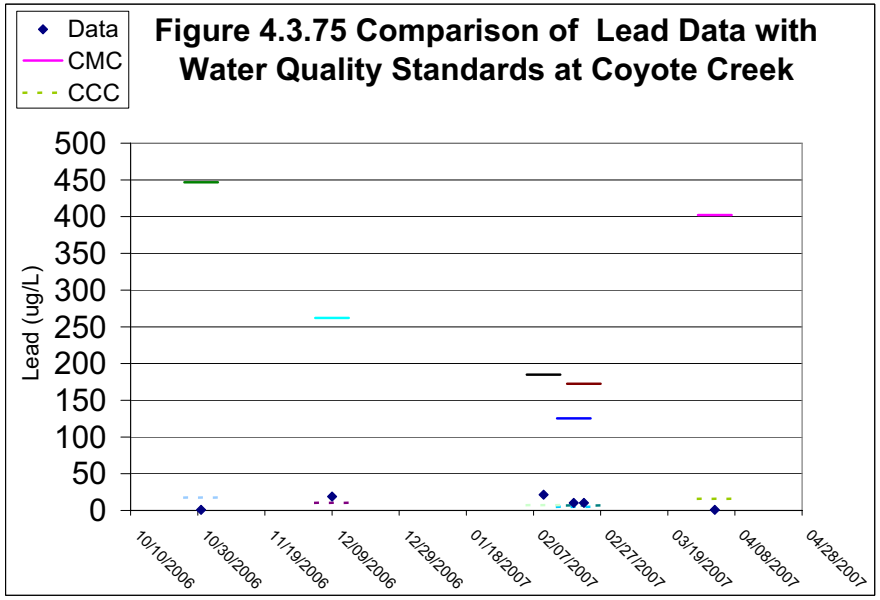


Figure 4.3.75 Comparison of Lead Data with Water Quality Standards at Coyote Creek
Data
CMC
CCC
Lead (ug/L)
500
450
400
350
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

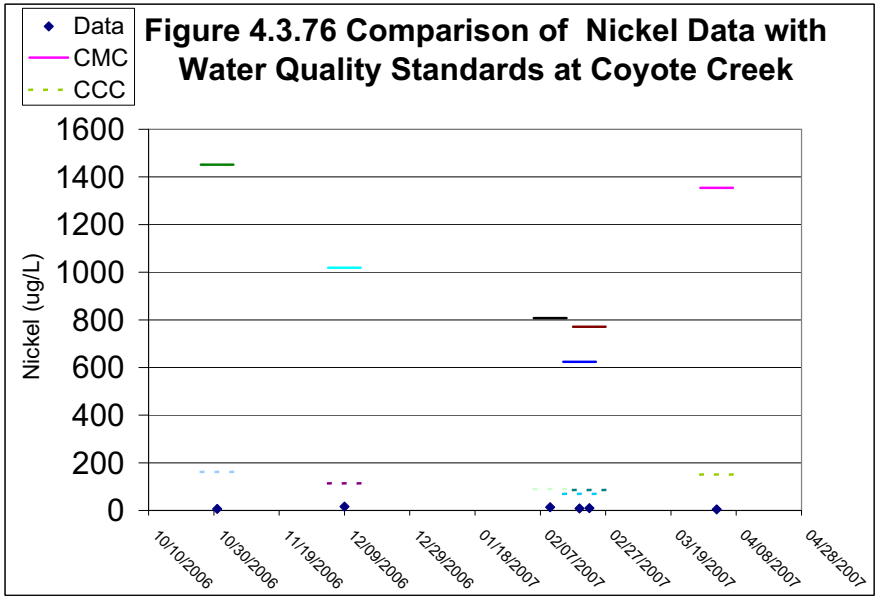


Figure 4.3.76 Comparison of Nickel Data with Water Quality Standards at Coyote Creek
Data
CMC
CCC
Nickel (ug/L)
1600
1400
1200
1000
800
600
400
200
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

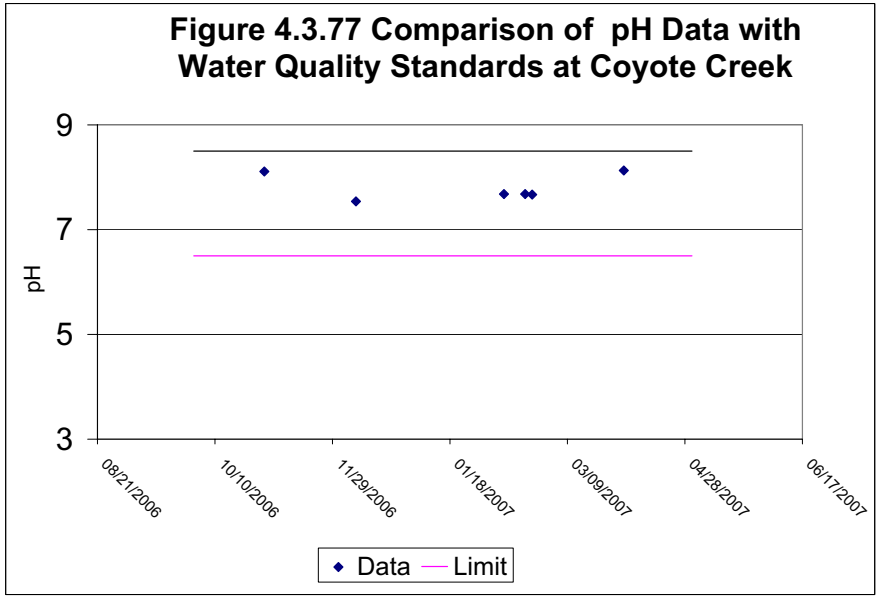


Figure 4.3.77 Comparison of pH Data with Water Quality Standards at Coyote Creek
pH
9
7
5
3
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

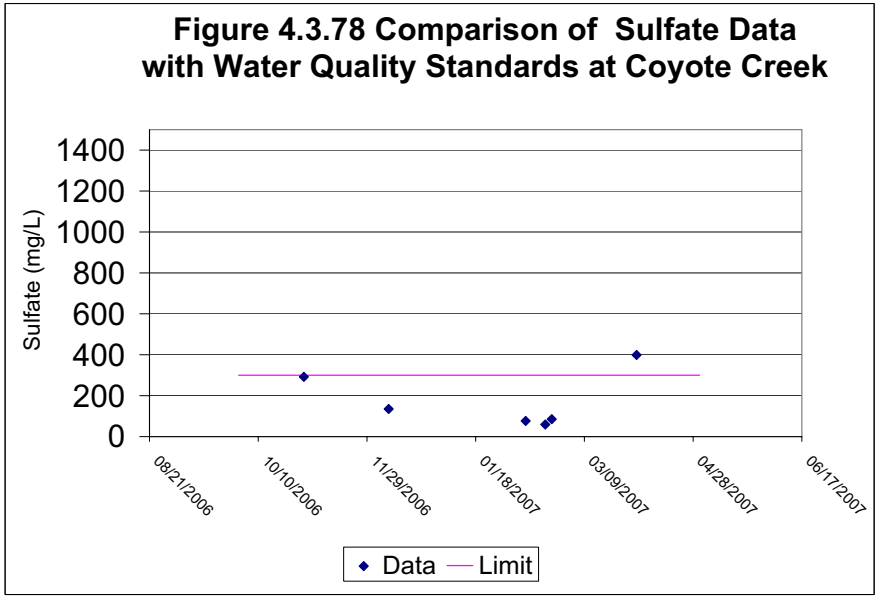


Figure 4.3.78 Comparison of Sulfate Data with Water Quality Standards at Coyote Creek
Sulfate (mg/L)
1400
1200
1000
800
600
400
200
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

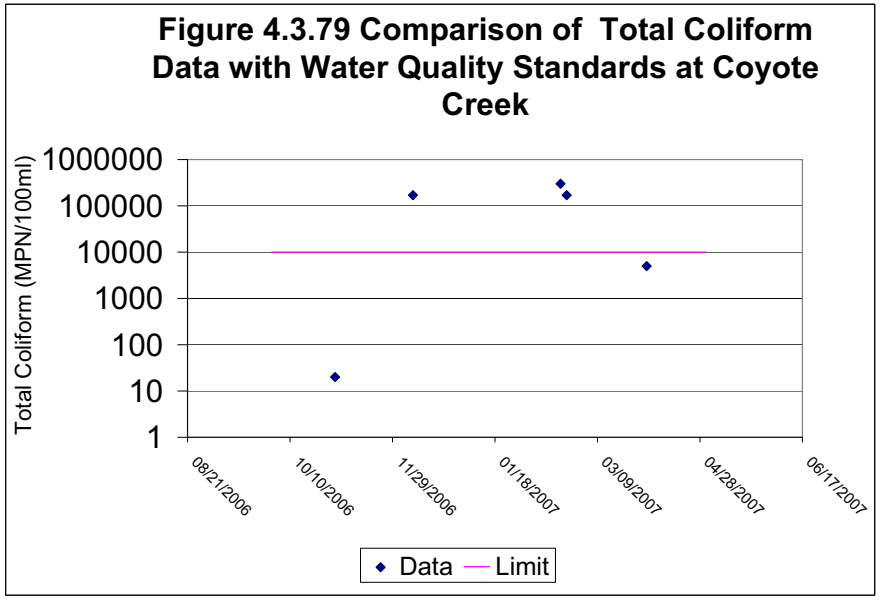


Figure 4.3.79 Comparison of Total Coliform Data with Water Quality Standards at Coyote Creek
Total Coliform (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

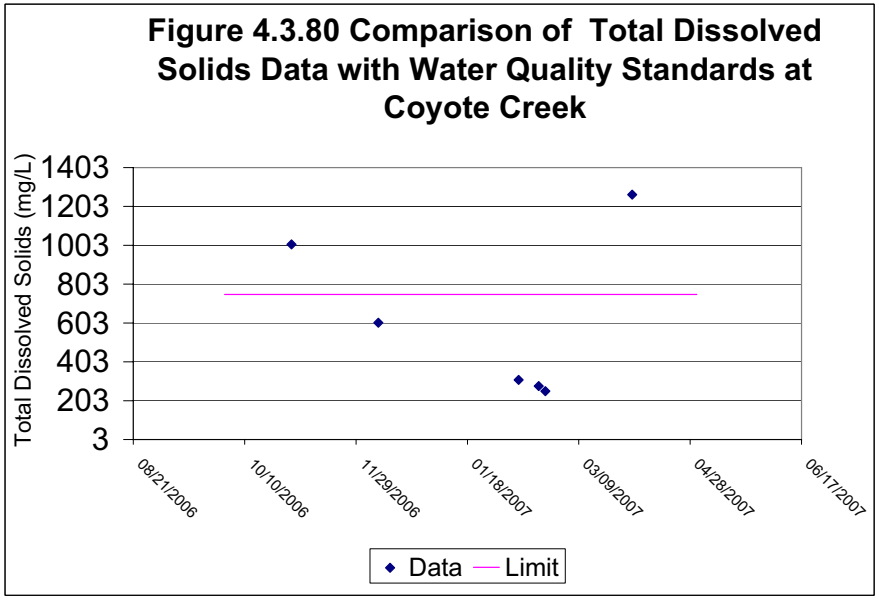


Figure 4.3.80 Comparison of Total Dissolved Solids Data with Water Quality Standards at Coyote Creek
Total Dissolved Solids (mg/L)
1403
1203
1003
803
603
403
203
3
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

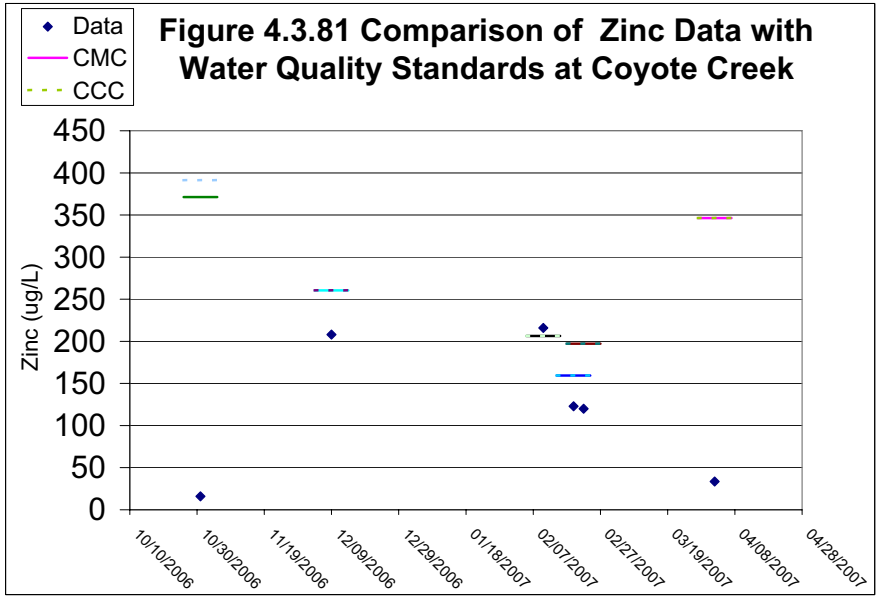


Figure 4.3.81 Comparison of Zinc Data with Water Quality Standards at Coyote Creek
Data
CMC
CCC
Zinc (ug/L)
450
400
350
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

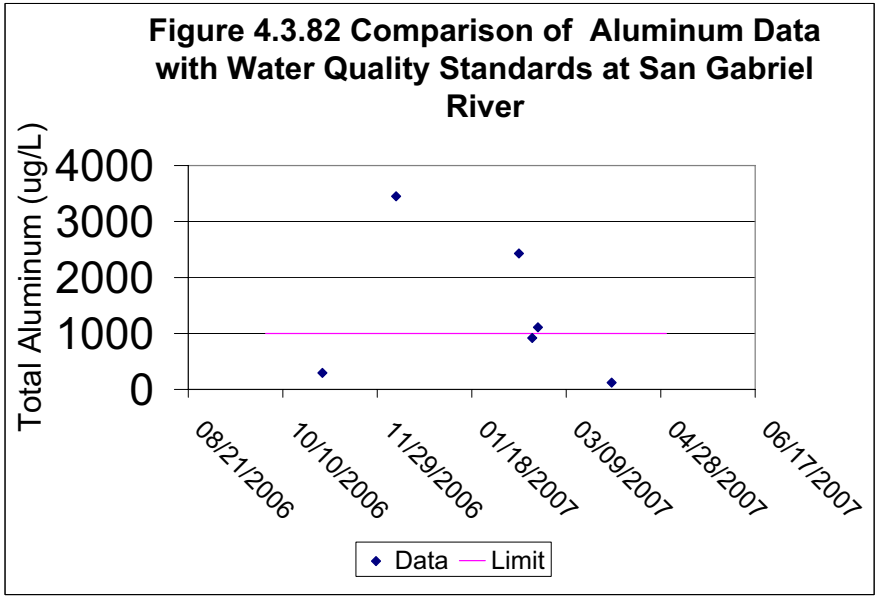


Figure 4.3.82 Comparison of Aluminum Data with Water Quality Standards at San Gabriel River
Total Aluminum (ug/L)
4000
3000
2000
1000
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

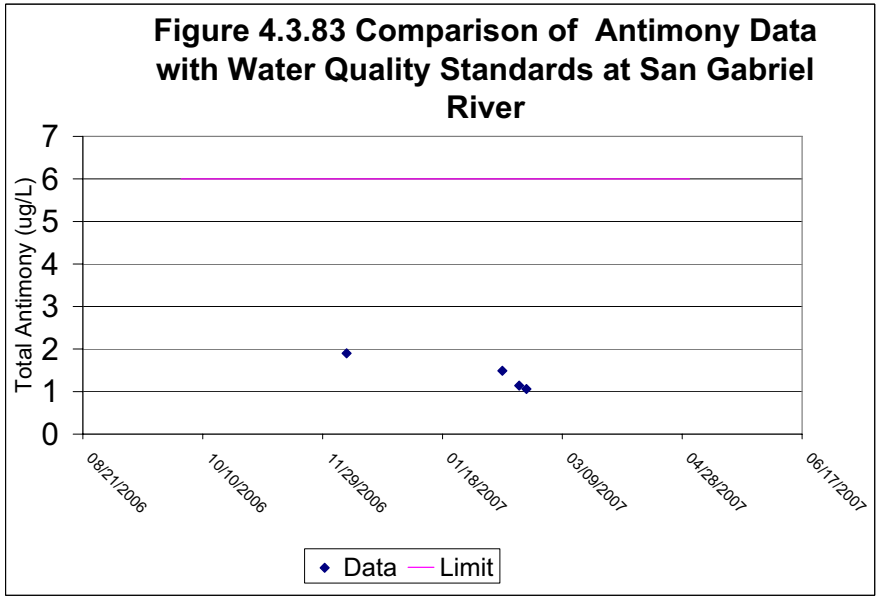


Figure 4.3.83 Comparison of Antimony Data with Water Quality Standards at San Gabriel River
Total Antimony (ug/L)
7
6
5
4
3
2
1
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

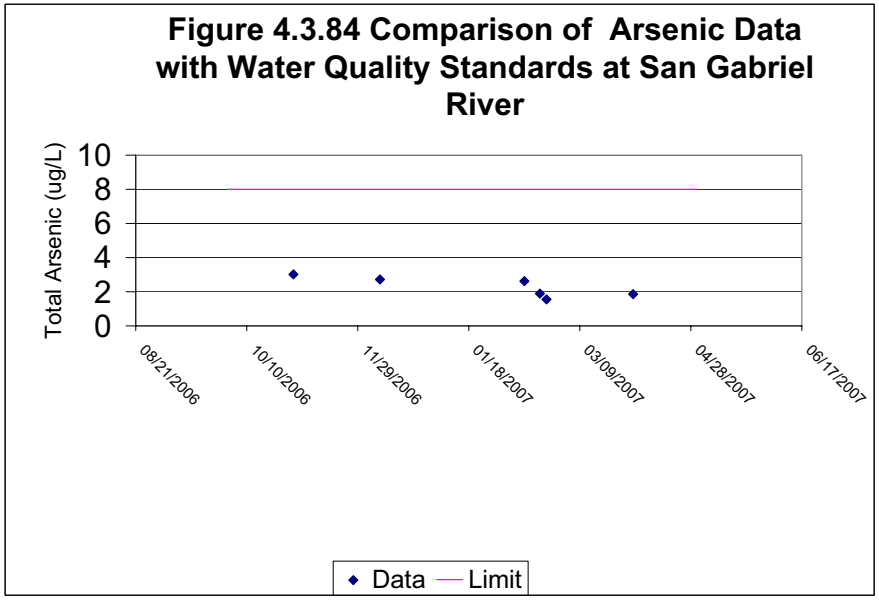


Figure 4.3.84 Comparison of Arsenic Data with Water Quality Standards at San Gabriel River
Total Arsenic (ug/L)
10
8
6
4
2
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

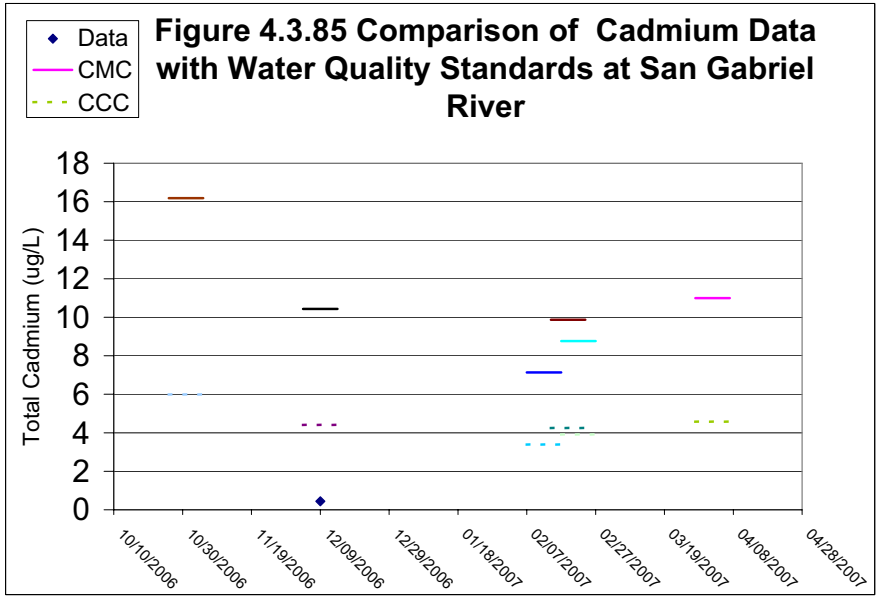


Figure 4.3.85 Comparison of Cadmium Data with Water Quality Standards at San Gabriel River

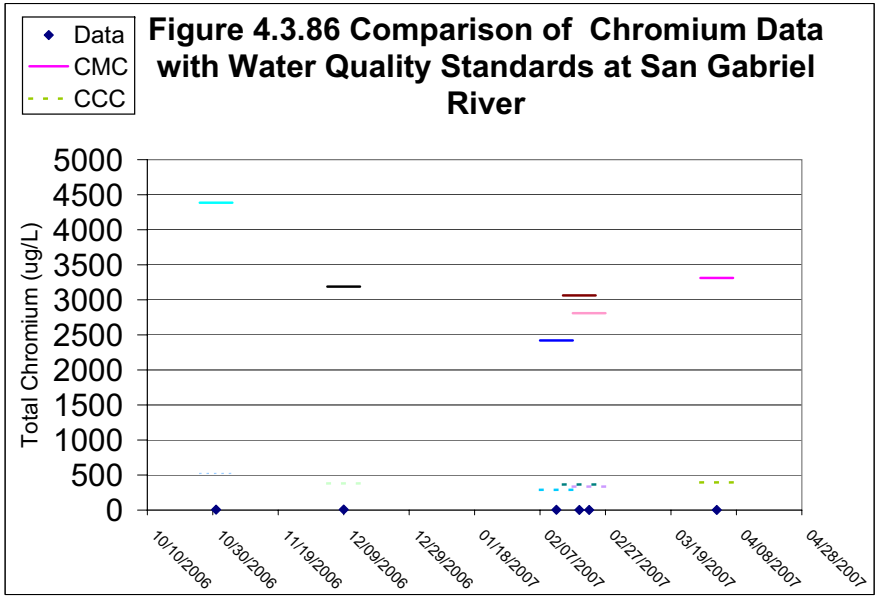


Figure 4.3.86 Comparison of Chromium Data with Water Quality Standards at San Gabriel River

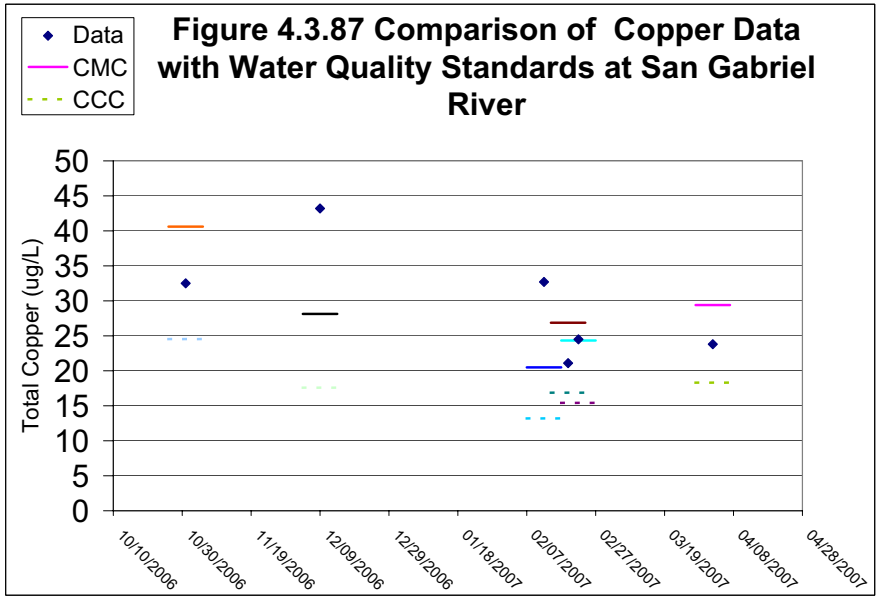


Figure 4.3.87 Comparison of Copper Data with Water Quality Standards at San Gabriel River

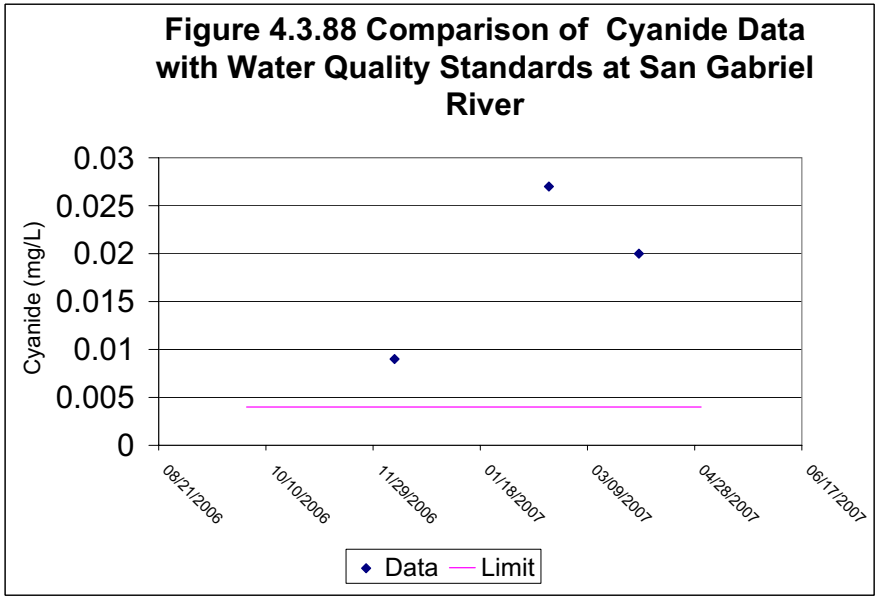


Figure 4.3.88 Comparison of Cyanide Data with Water Quality Standards at San Gabriel River

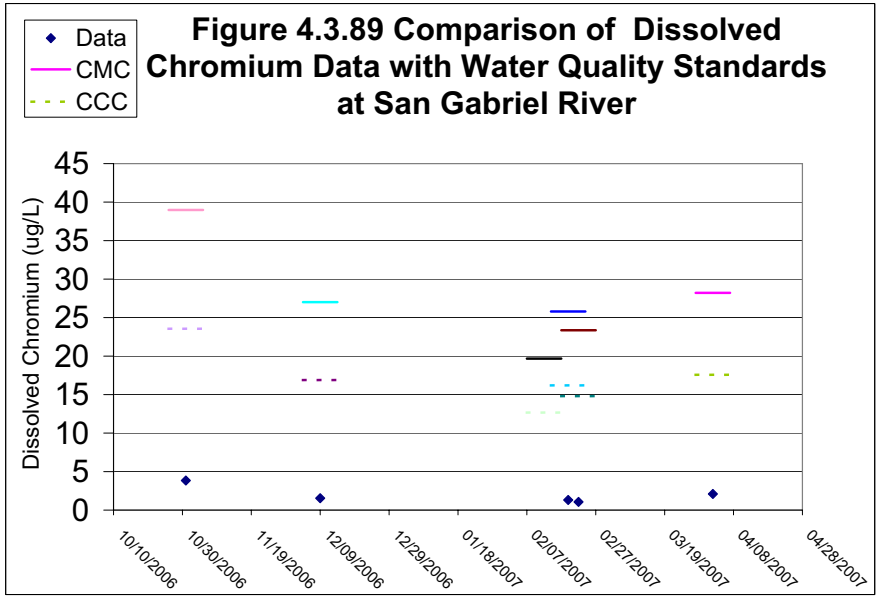


Figure 4.3.89 Comparison of Dissolved Chromium Data with Water Quality Standards at San Gabriel River

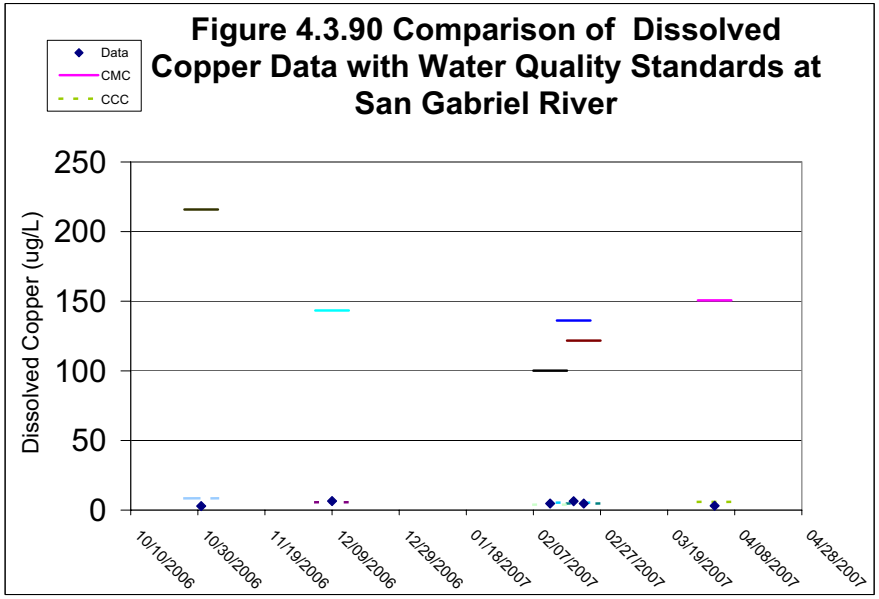


Figure 4.3.90 Comparison of Dissolved Copper Data with Water Quality Standards at San Gabriel River

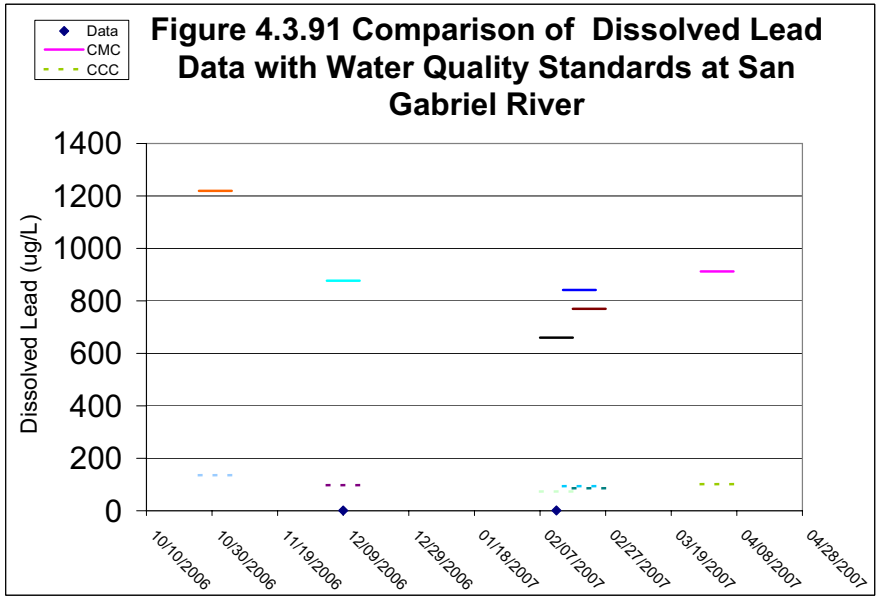


Figure 4.3.91 Comparison of Dissolved Lead Data with Water Quality Standards at San Gabriel River

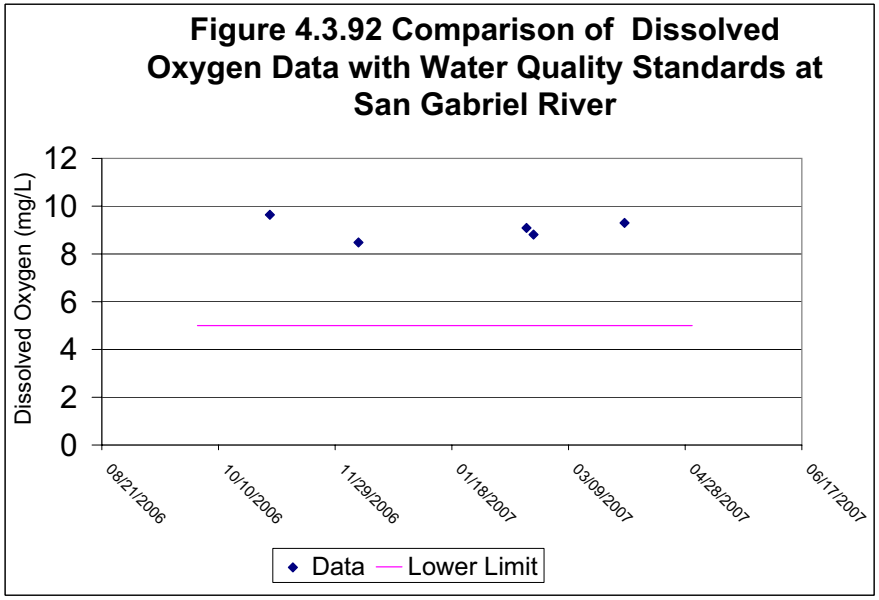


Figure 4.3.92 Comparison of Dissolved Oxygen Data with Water Quality Standards at San Gabriel River

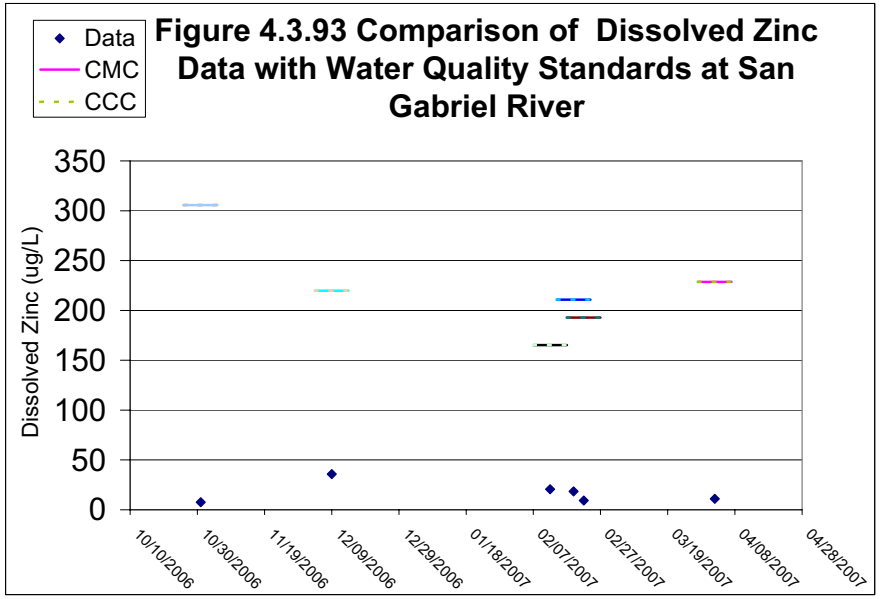


Figure 4.3.93 Comparison of Dissolved Zinc Data with Water Quality Standards at San Gabriel River

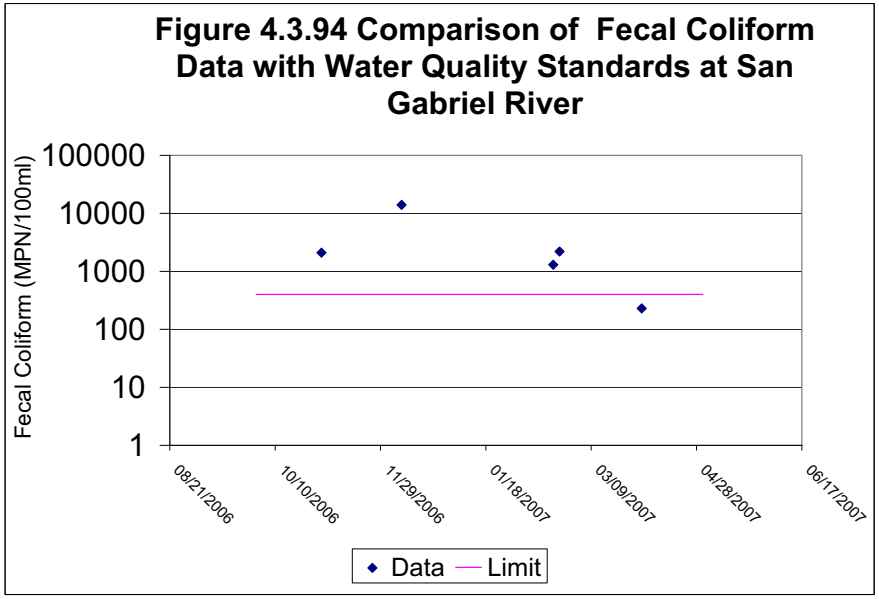


Figure 4.3.94 Comparison of Fecal Coliform Data with Water Quality Standards at San Gabriel River

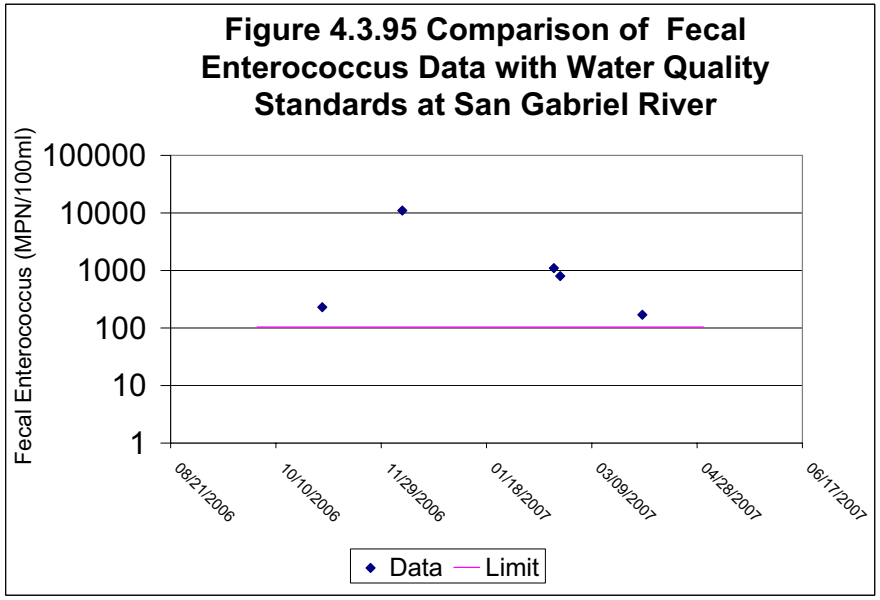


Figure 4.3.95 Comparison of Fecal Enterococcus Data with Water Quality Standards at San Gabriel River

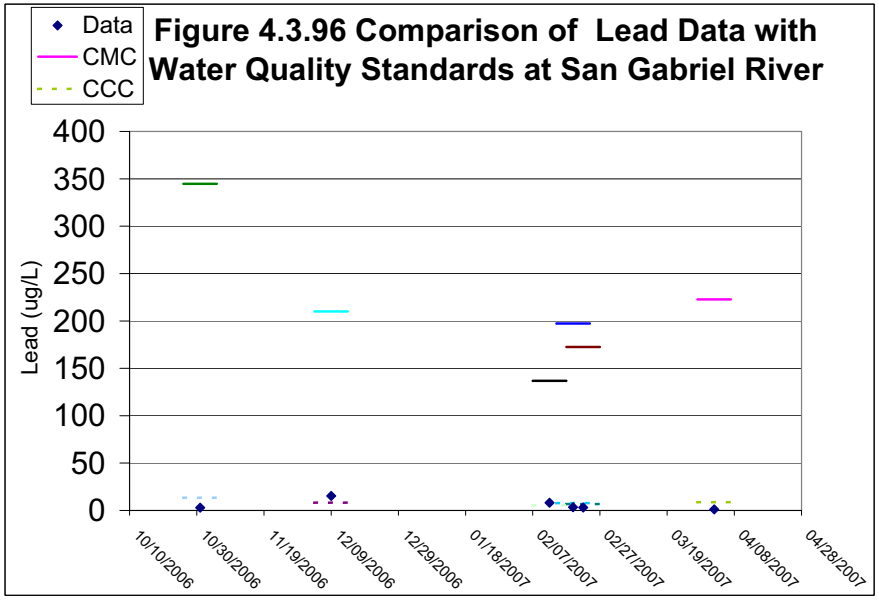


Figure 4.3.96 Comparison of Lead Data with Water Quality Standards at San Gabriel River

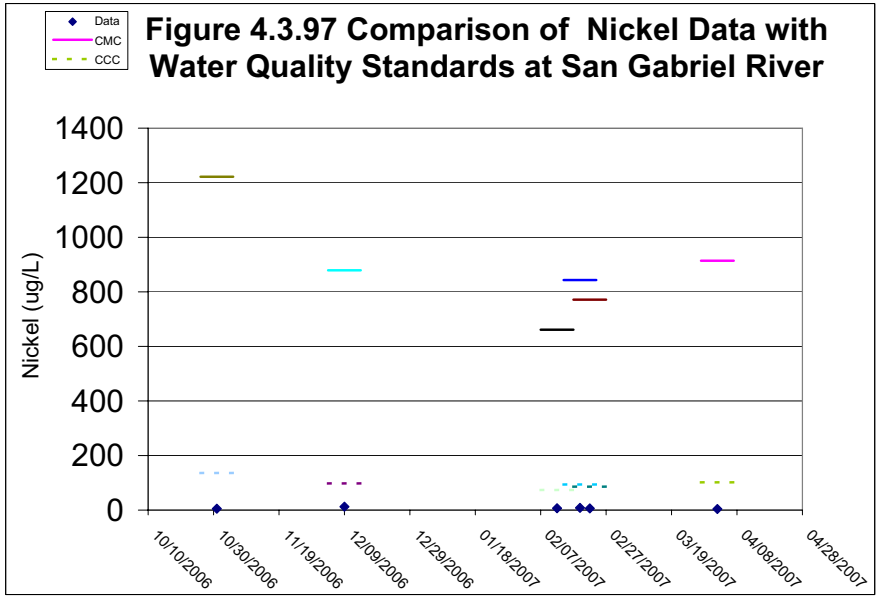


Figure 4.3.97 Comparison of Nickel Data with Water Quality Standards at San Gabriel River

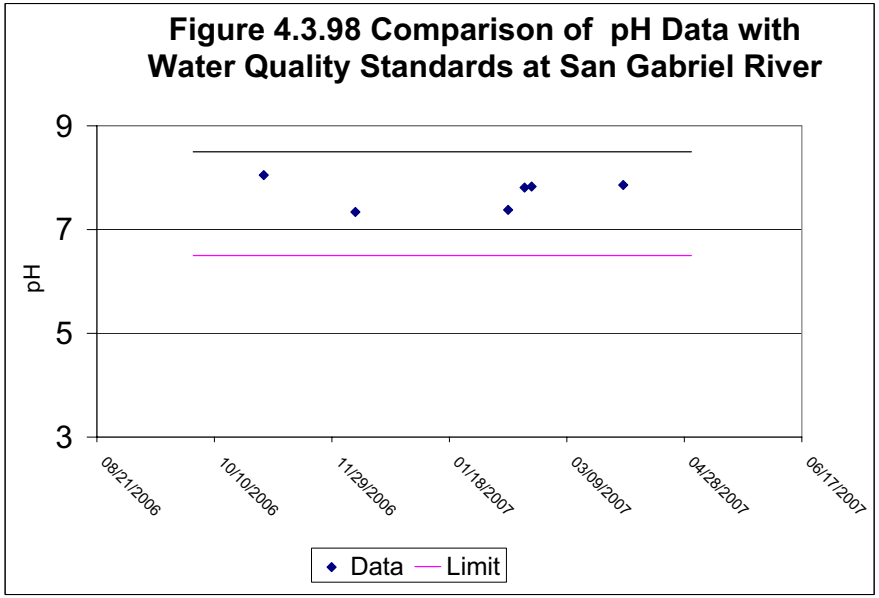


Figure 4.3.98 Comparison of pH Data with Water Quality Standards at San Gabriel River

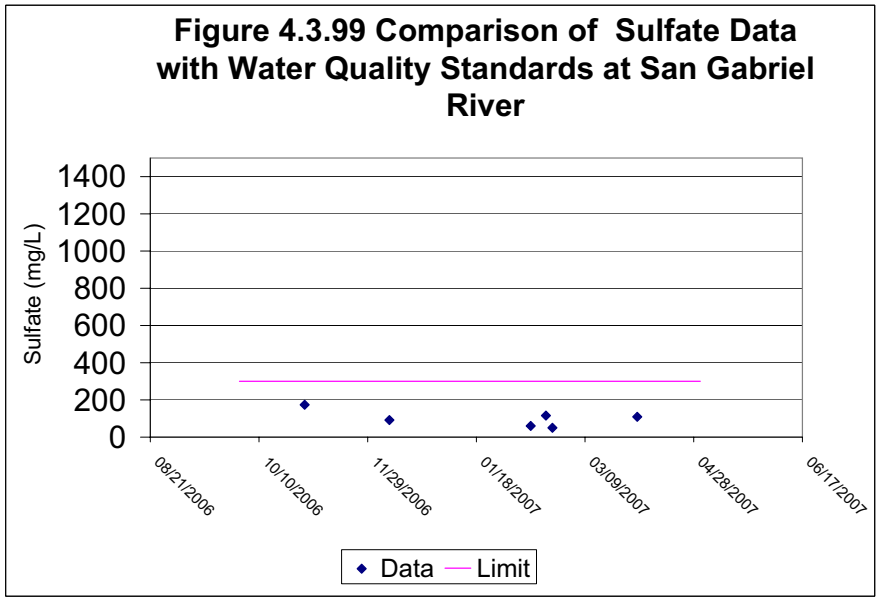


Figure 4.3.99 Comparison of Sulfate Data with Water Quality Standards at San Gabriel River

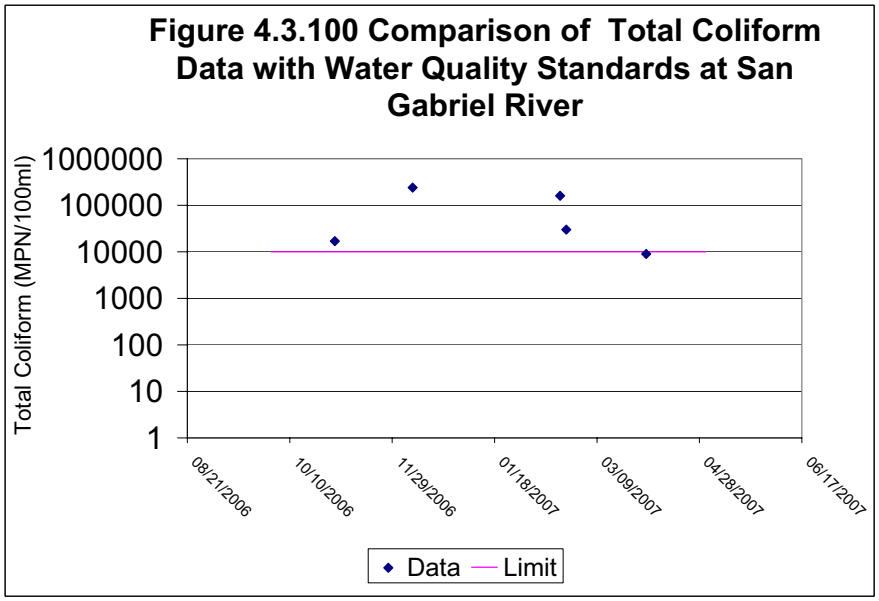


Figure 4.3.100 Comparison of Total Coliform Data with Water Quality Standards at San Gabriel River

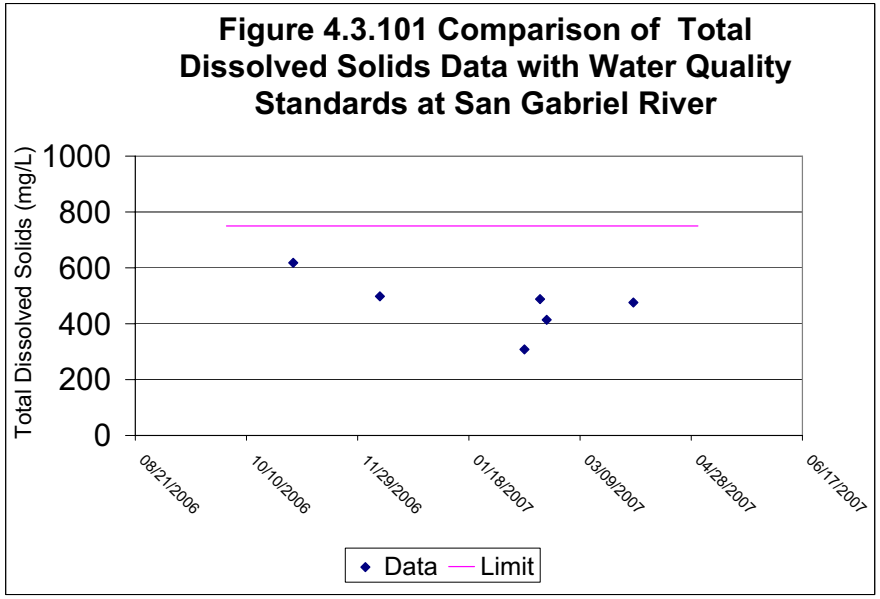
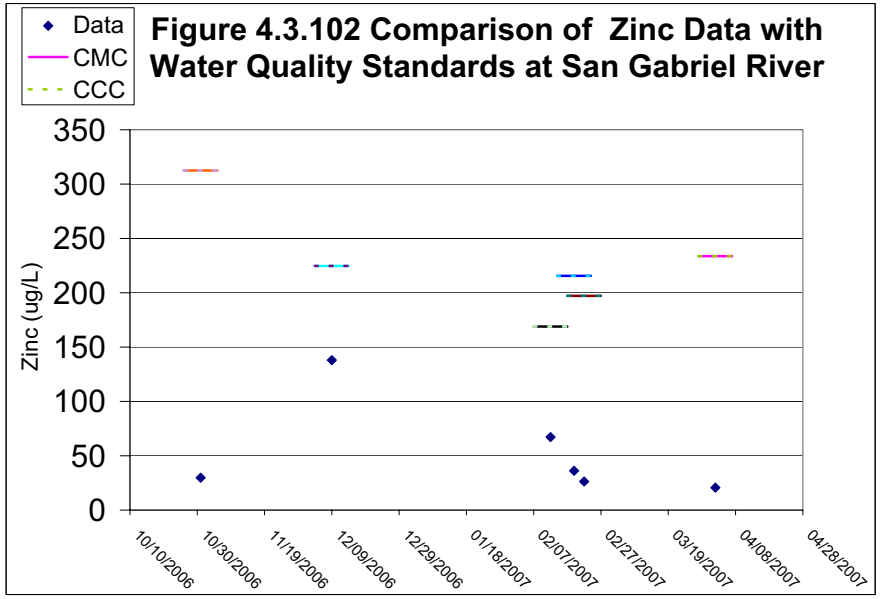


Figure 4.3.101 Comparison of Total Dissolved Solids Data with Water Quality Standards at San Gabriel River
Total Dissolved Solids (mg/L)
1000
800
600
400
200
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.102 Comparison of Zinc Data with Water Quality Standards at San Gabriel River
Zinc (ug/L)
350
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

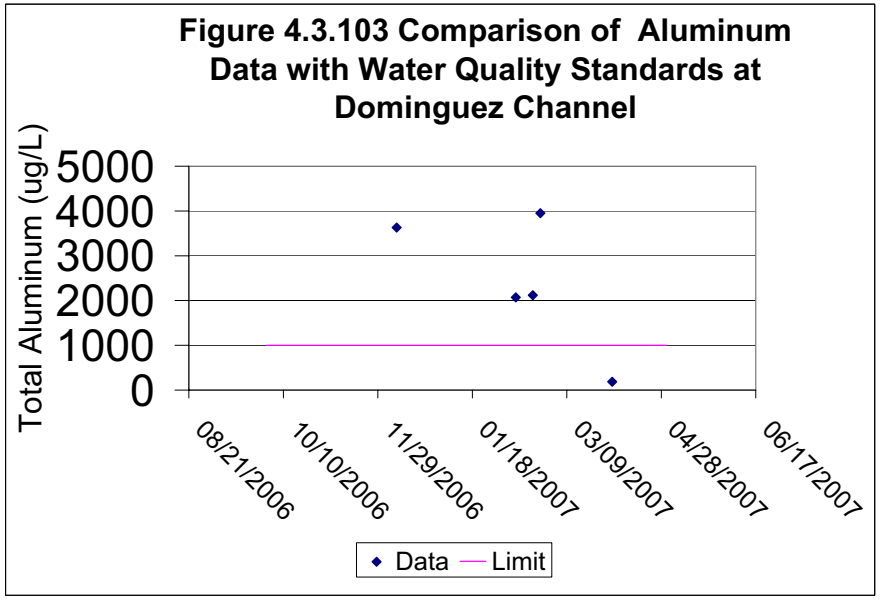


Figure 4.3.103 Comparison of Aluminum Data with Water Quality Standards at Dominguez Channel
Total Aluminum (ug/L)
5000
4000
3000
2000
1000
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

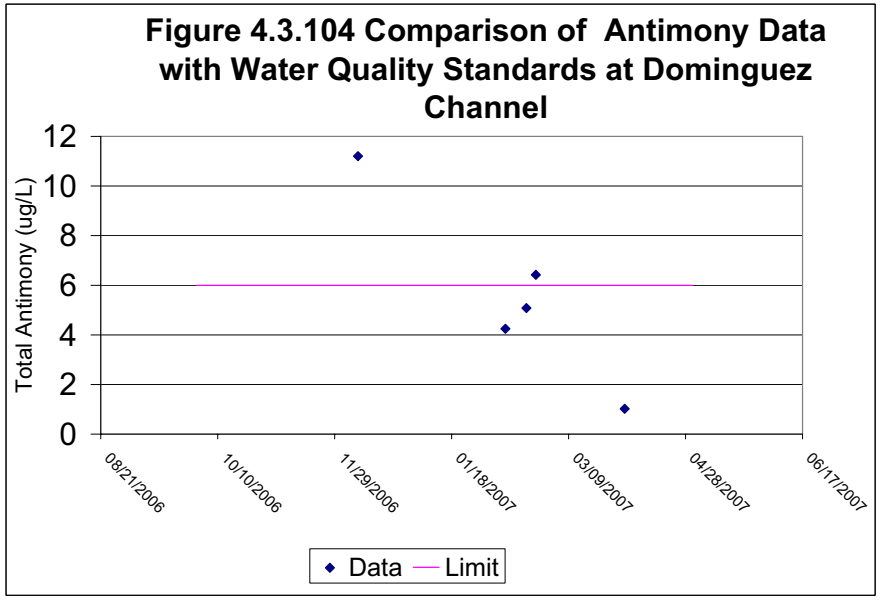


Figure 4.3.104 Comparison of Antimony Data with Water Quality Standards at Dominguez Channel
Total Antimony (ug/L)
12
10
8
6
4
2
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

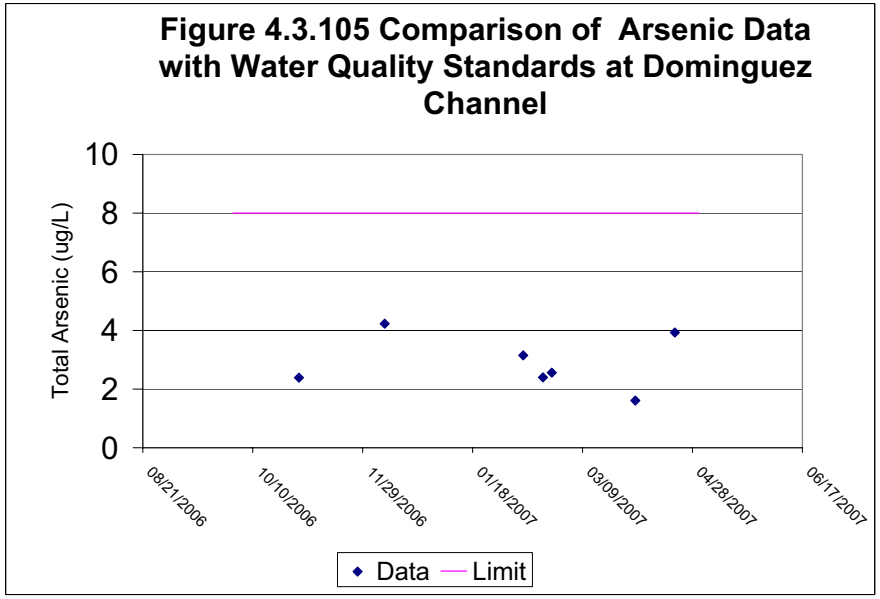
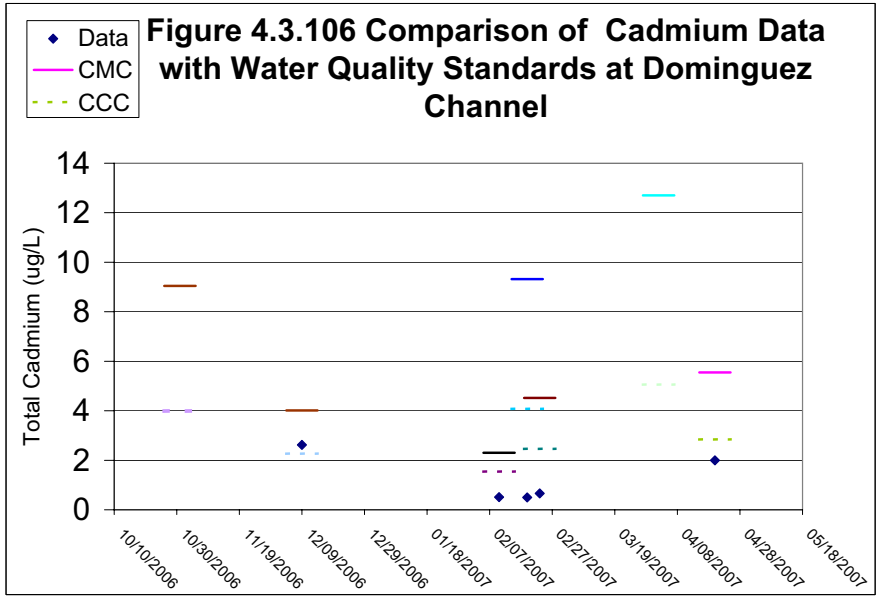
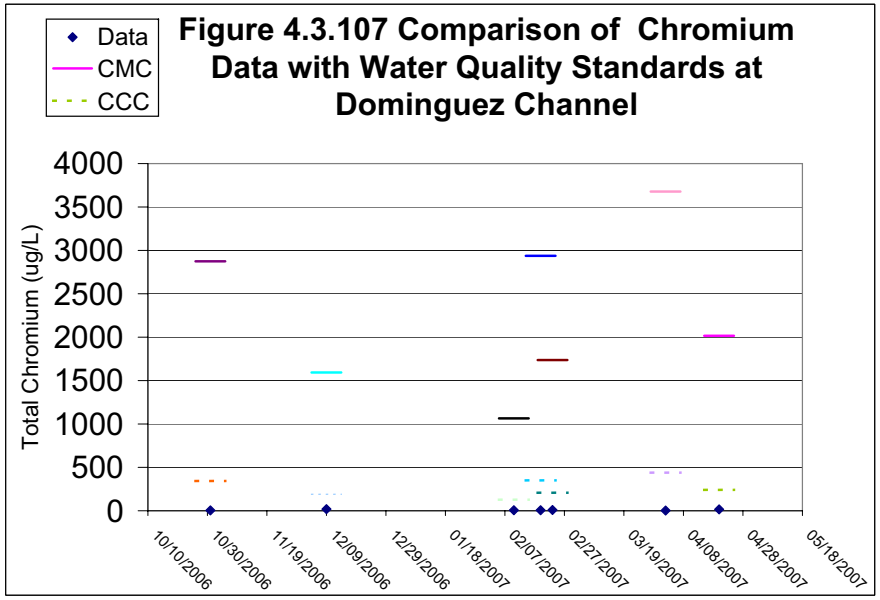
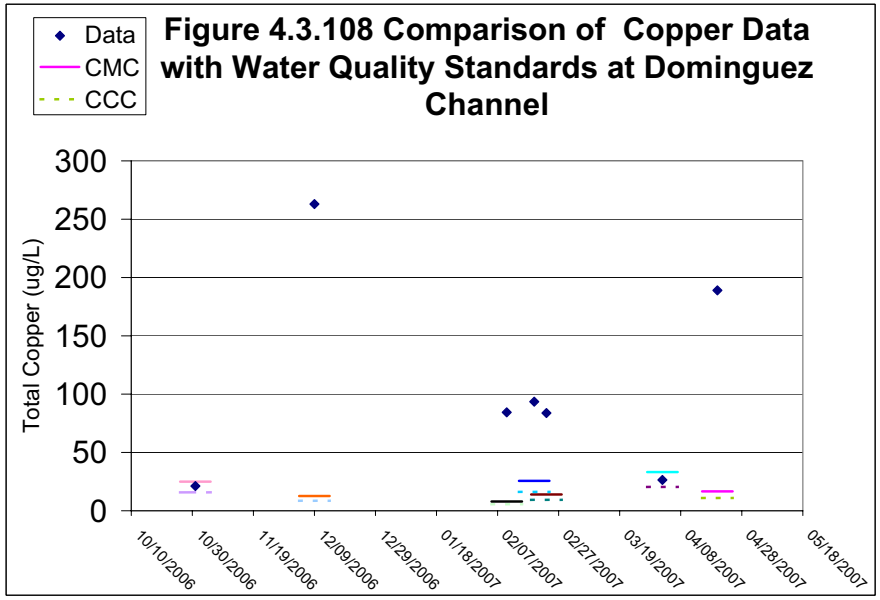


Figure 4.3.105 Comparison of Arsenic Data with Water Quality Standards at Dominguez Channel
Total Arsenic (ug/L)
10
8
6
4
2
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.106 Comparison of Cadmium Data with Water Quality Standards at Dominguez Channel
Total Cadmium (ug/L)
14
12
10
8
6
4
2
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007
05/18/2007


Data
CMC
CCC
Figure 4.3.107 Comparison of Chromium Data with Water Quality Standards at Dominguez Channel
Total Chromium (ug/L)
4000
3500
3000
2500
2000
1500
1000
500
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007
05/18/2007


Data
CMC
CCC
Figure 4.3.108 Comparison of Copper Data with Water Quality Standards at Dominguez Channel
Total Copper (ug/L)
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007
05/18/2007

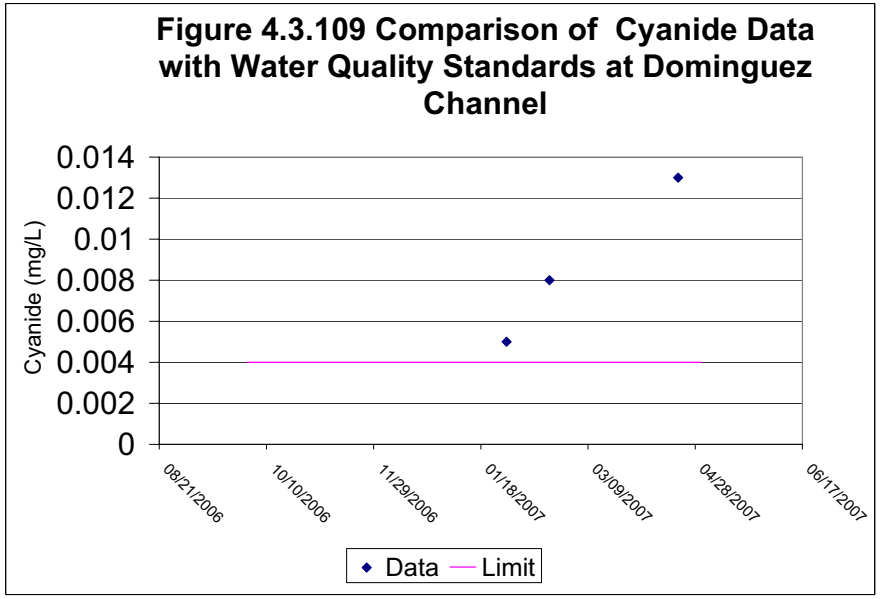
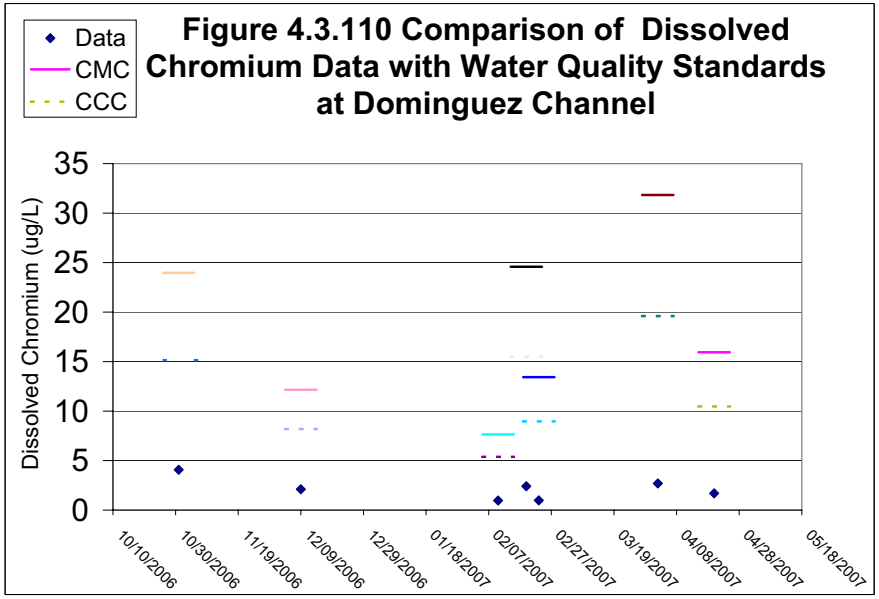
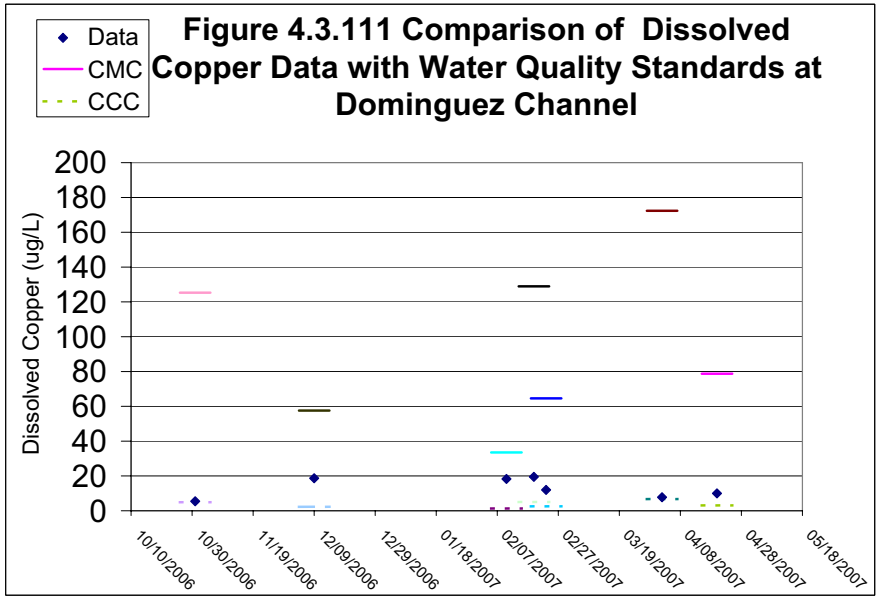
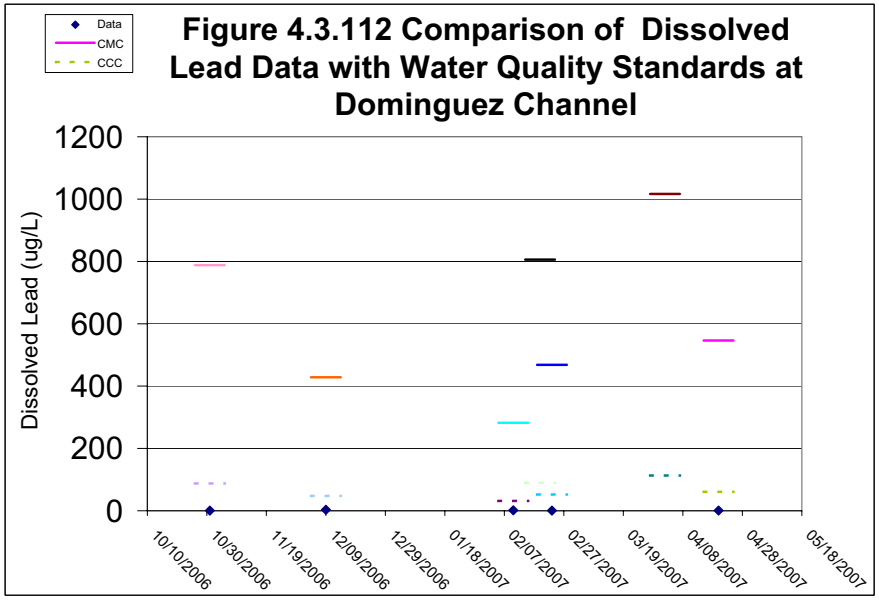


Figure 4.3.109 Comparison of Cyanide Data with Water Quality Standards at Dominguez Channel
Cyanide (mg/L)
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.110 Comparison of Dissolved Chromium Data with Water Quality Standards at Dominguez Channel
Dissolved Chromium (ug/L)
35
30
25
20
15
10
5
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007
05/18/2007


Data
CMC
CCC
Figure 4.3.111 Comparison of Dissolved Copper Data with Water Quality Standards at Dominguez Channel
Dissolved Copper (ug/L)
200
180
160
140
120
100
80
60
40
20
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007
05/18/2007


Data
CMC
CCC
Figure 4.3.112 Comparison of Dissolved Lead Data with Water Quality Standards at Dominguez Channel
Dissolved Lead (ug/L)
1200
1000
800
600
400
200
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007
05/18/2007

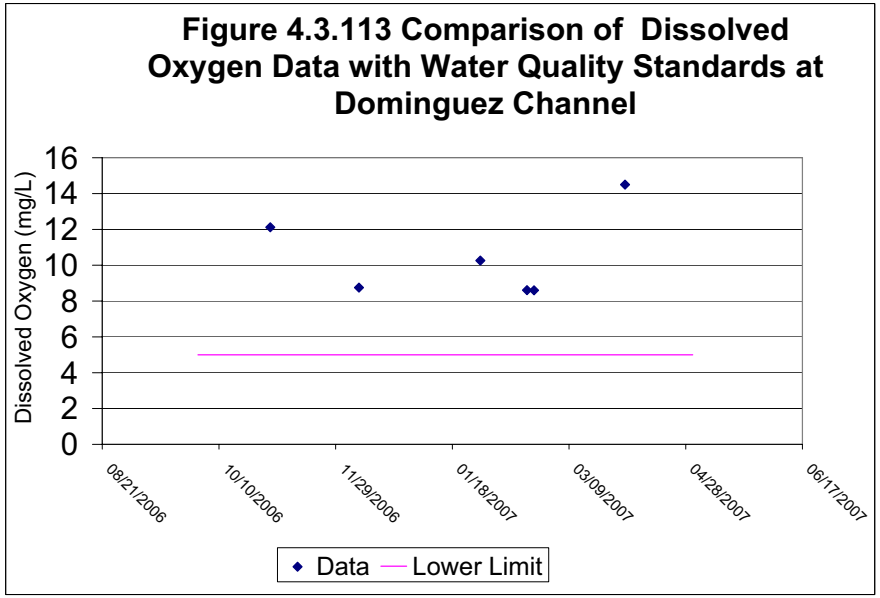
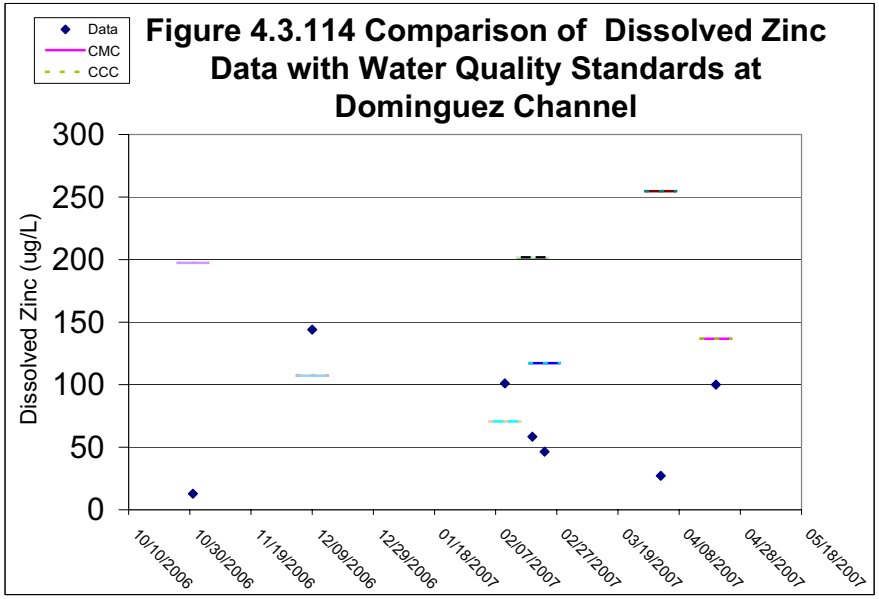


Figure 4.3.113 Comparison of Dissolved Oxygen Data with Water Quality Standards at Dominguez Channel
Dissolved Oxygen (mg/L)
16
14
12
10
8
6
4
2
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Lower Limit


Data
CMC
CCC
Figure 4.3.114 Comparison of Dissolved Zinc Data with Water Quality Standards at Dominguez Channel
Dissolved Zinc (ug/L)
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007
05/18/2007

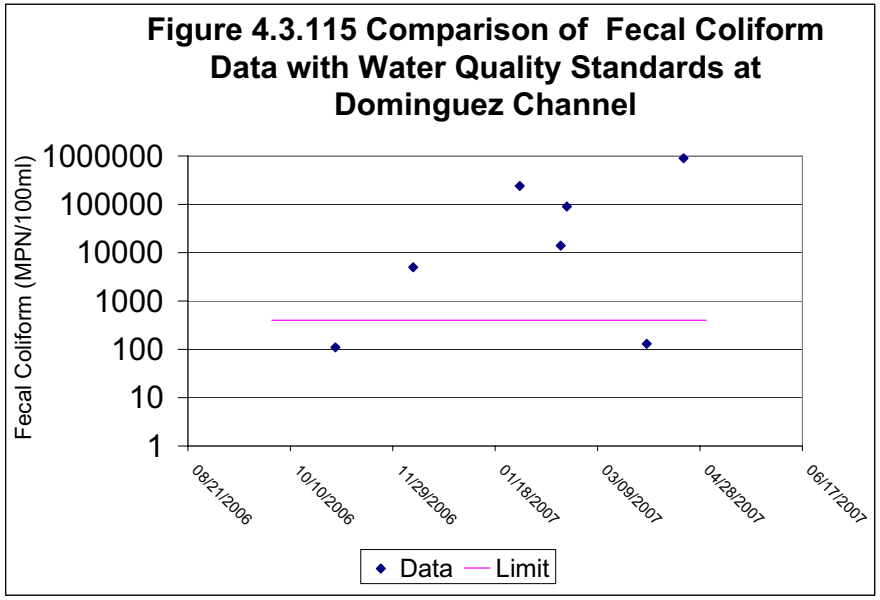


Figure 4.3.115 Comparison of Fecal Coliform Data with Water Quality Standards at Dominguez Channel
Fecal Coliform (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

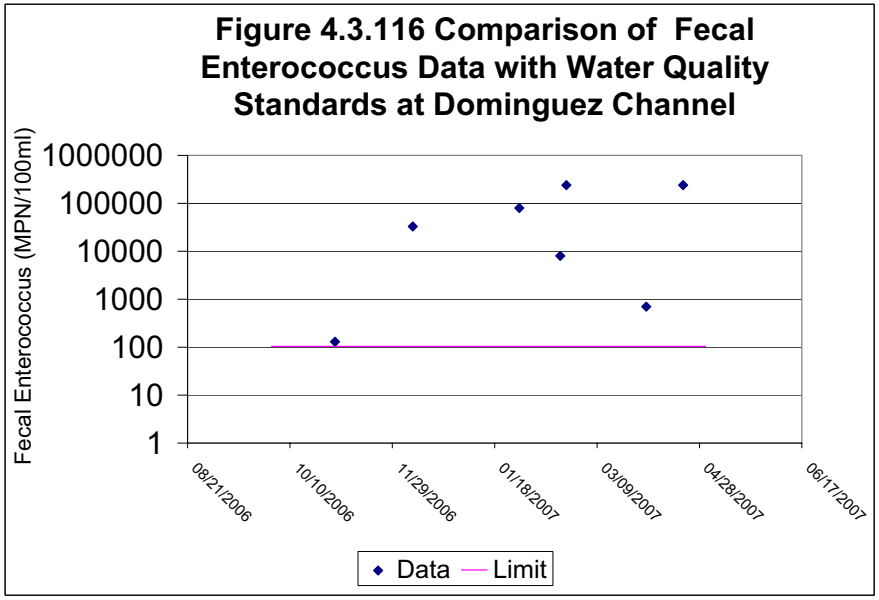


Figure 4.3.116 Comparison of Fecal Enterococcus Data with Water Quality Standards at Dominguez Channel
Fecal Enterococcus (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

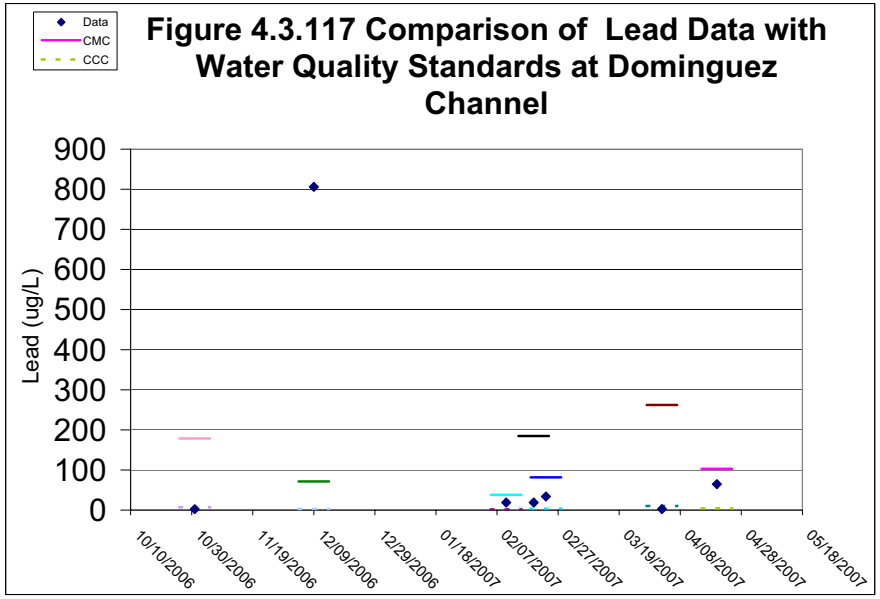


Figure 4.3.117 Comparison of Lead Data with Water Quality Standards at Dominguez Channel

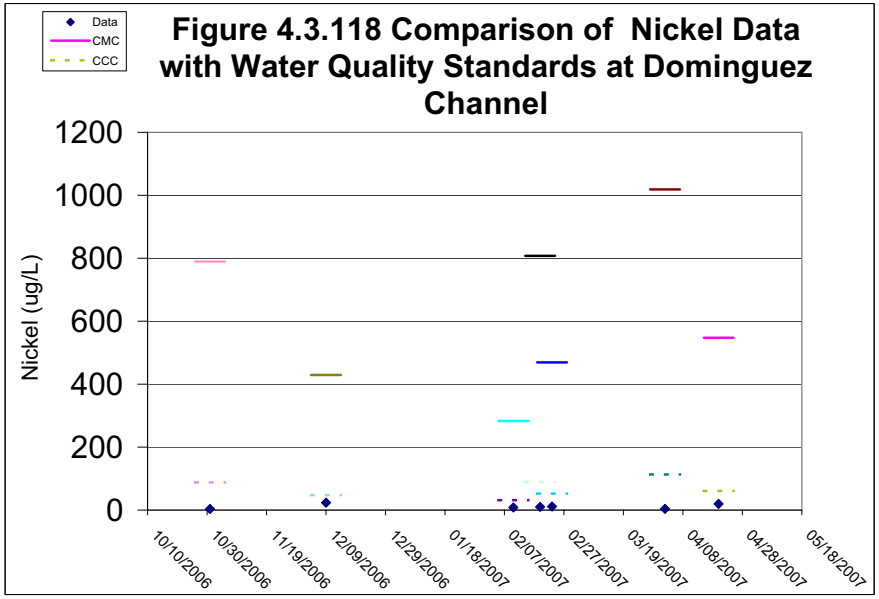


Figure 4.3.118 Comparison of Nickel Data with Water Quality Standards at Dominguez Channel

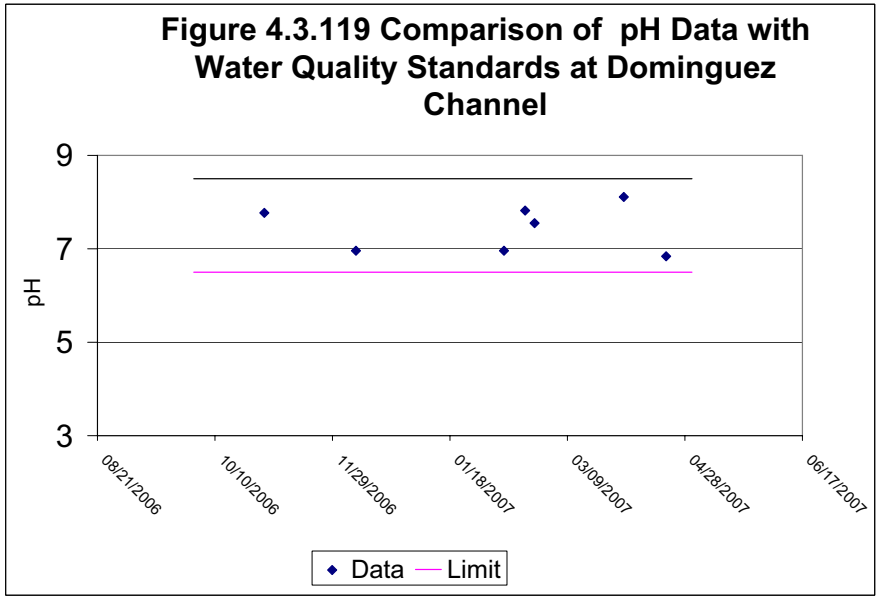


Figure 4.3.119 Comparison of pH Data with Water Quality Standards at Dominguez Channel

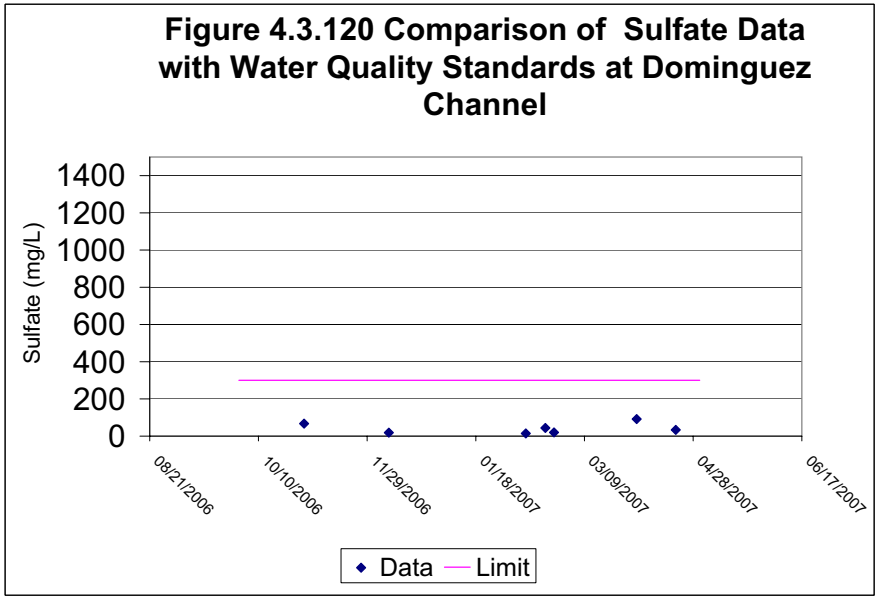


Figure 4.3.120 Comparison of Sulfate Data with Water Quality Standards at Dominguez Channel

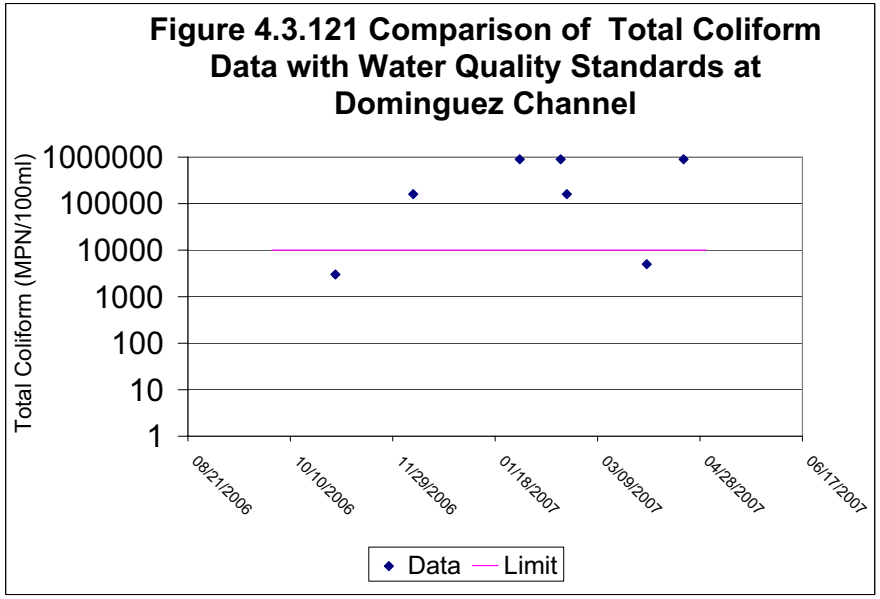


Figure 4.3.121 Comparison of Total Coliform Data with Water Quality Standards at Dominguez Channel
Total Coliform (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

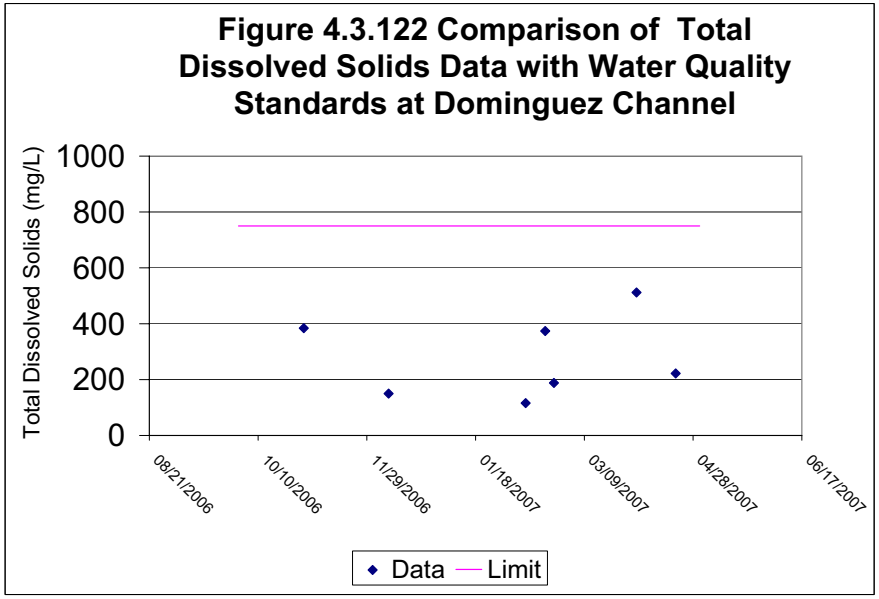
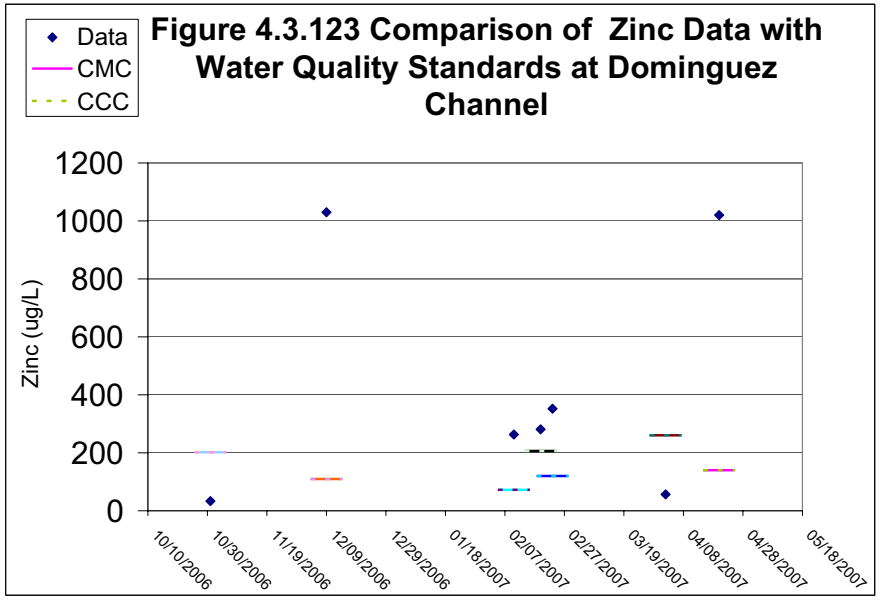


Figure 4.3.122 Comparison of Total Dissolved Solids Data with Water Quality Standards at Dominguez Channel
Total Dissolved Solids (mg/L)
1000
800
600
400
200
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.123 Comparison of Zinc Data with Water Quality Standards at Dominguez Channel
Zinc (ug/L)
1200
1000
800
600
400
200
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007
05/18/2007

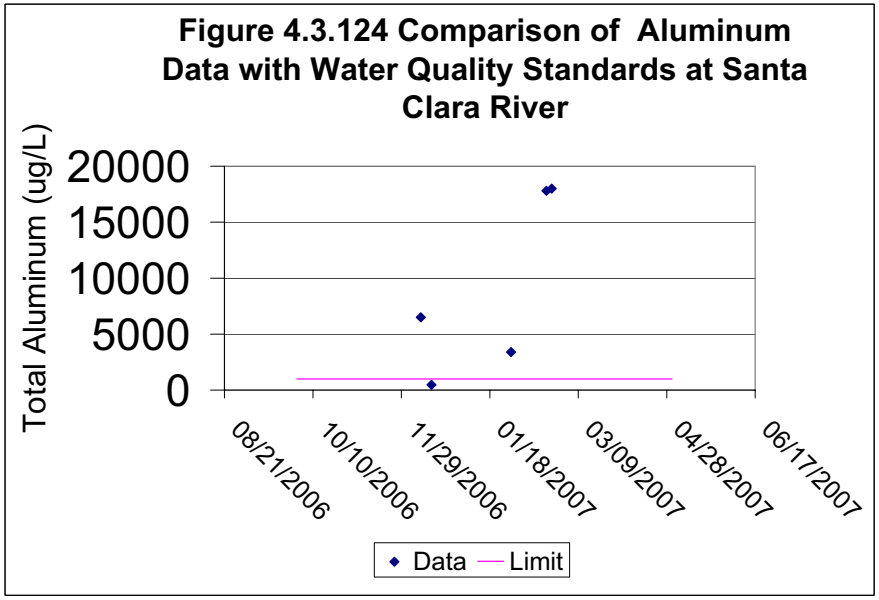


Figure 4.3.124 Comparison of Aluminum Data with Water Quality Standards at Santa Clara River
Total Aluminum (ug/L)
20000
15000
10000
5000
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

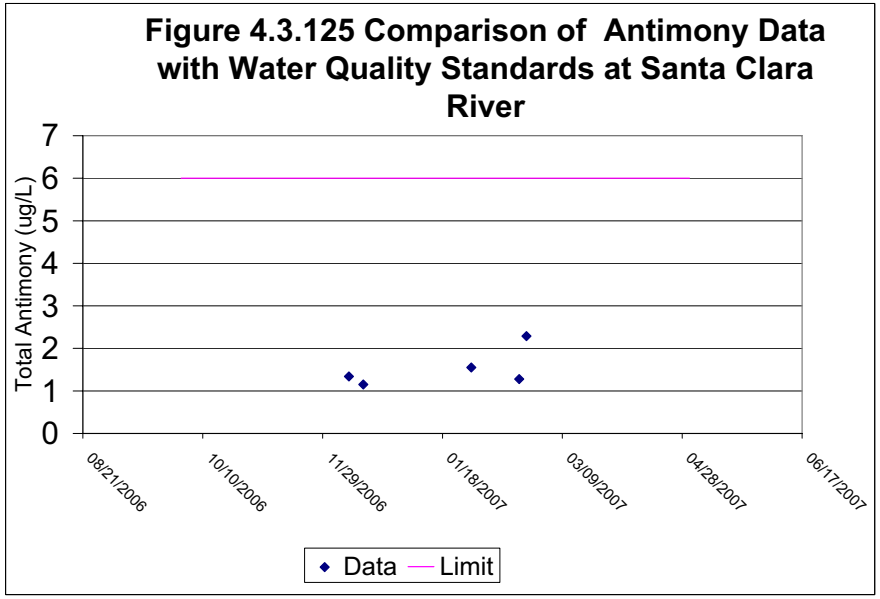


Figure 4.3.125 Comparison of Antimony Data with Water Quality Standards at Santa Clara River
Total Antimony (ug/L)
0
1
2
3
4
5
6
7
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

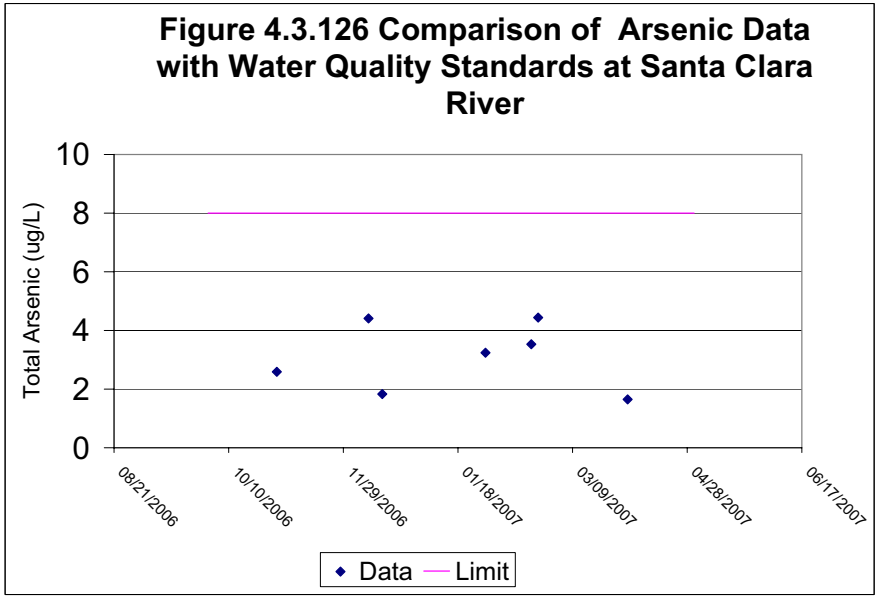


Figure 4.3.126 Comparison of Arsenic Data with Water Quality Standards at Santa Clara River
Total Arsenic (ug/L)
0
2
4
6
8
10
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

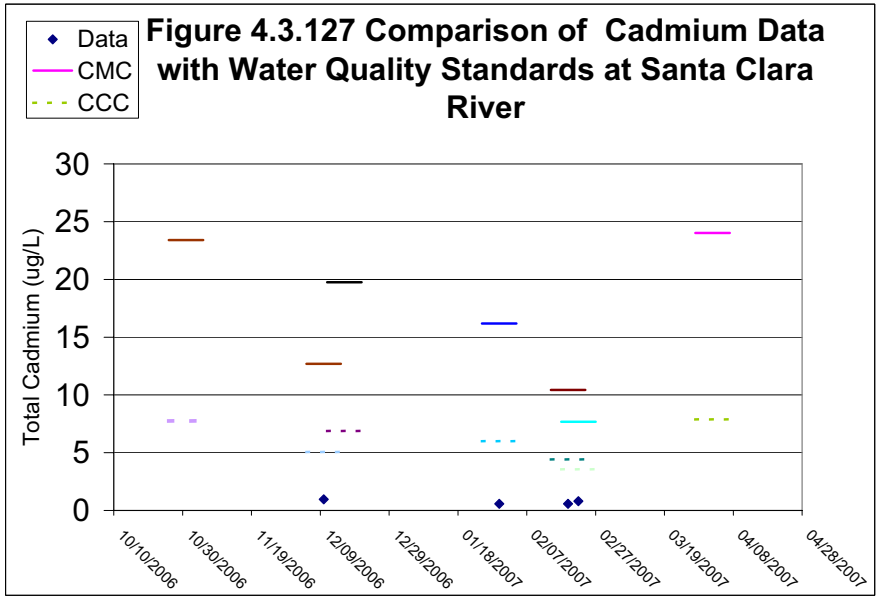


Figure 4.3.127 Comparison of Cadmium Data with Water Quality Standards at Santa Clara River
Data
CMC
CCC
Total Cadmium (ug/L)
0
5
10
15
20
25
30
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

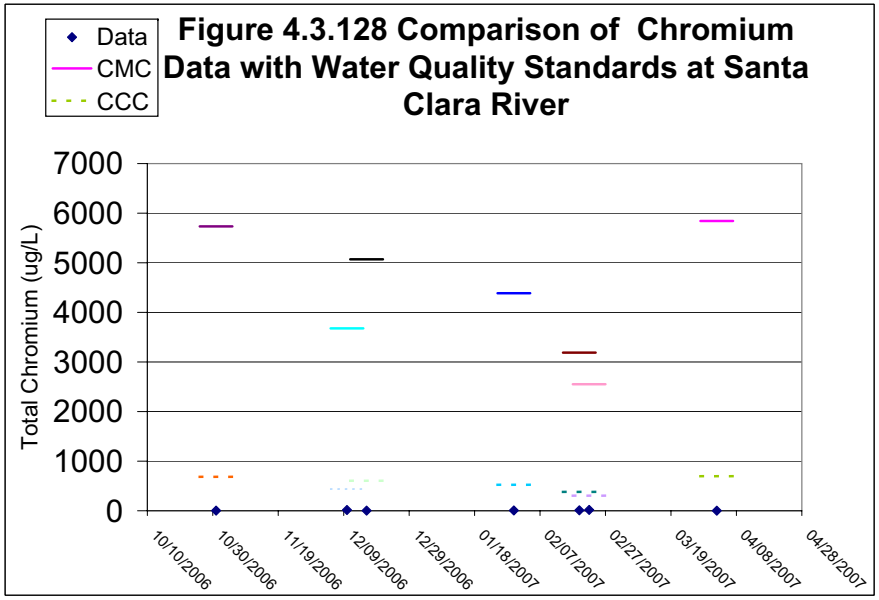


Figure 4.3.128 Comparison of Chromium Data with Water Quality Standards at Santa Clara River
Data
CMC
CCC
Total Chromium (ug/L)
0
1000
2000
3000
4000
5000
6000
7000
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

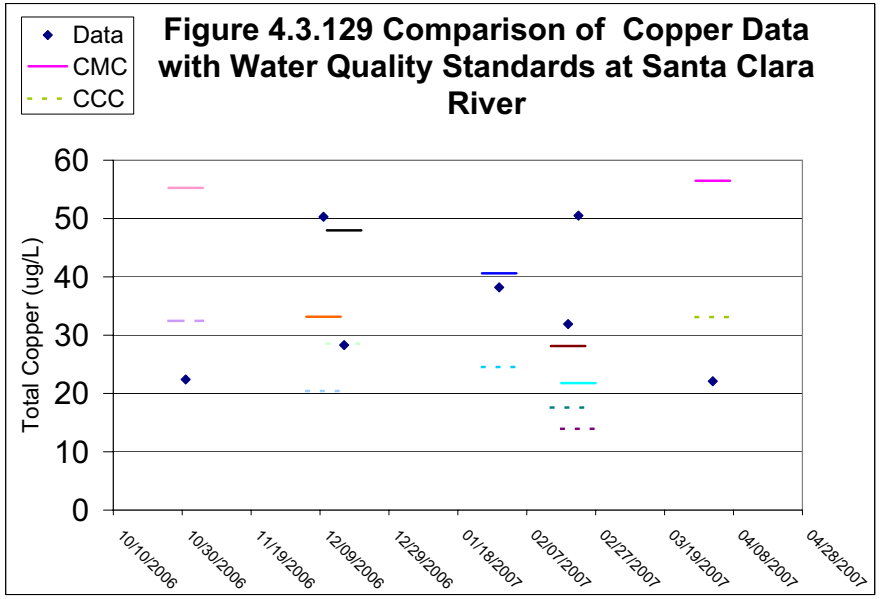


Figure 4.3.129 Comparison of Copper Data with Water Quality Standards at Santa Clara River

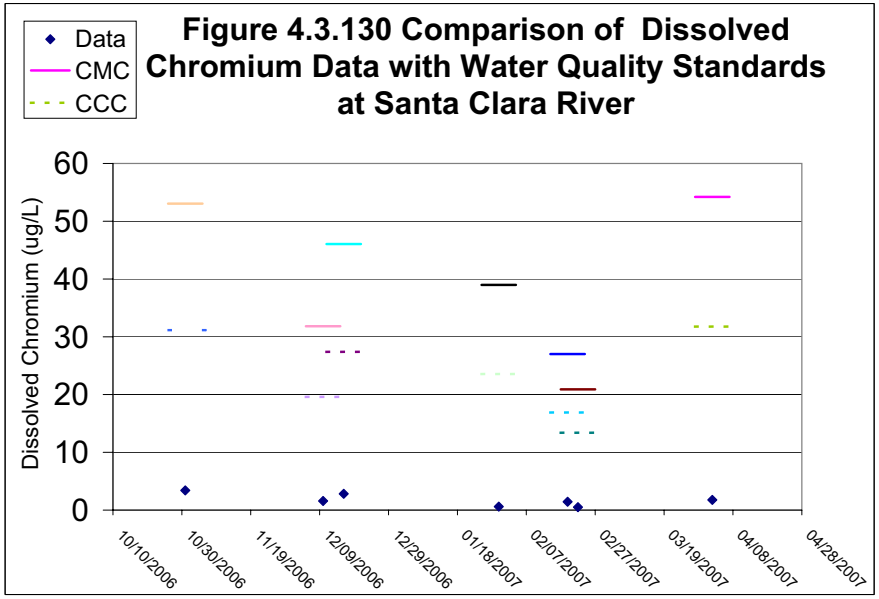


Figure 4.3.130 Comparison of Dissolved Chromium Data with Water Quality Standards at Santa Clara River

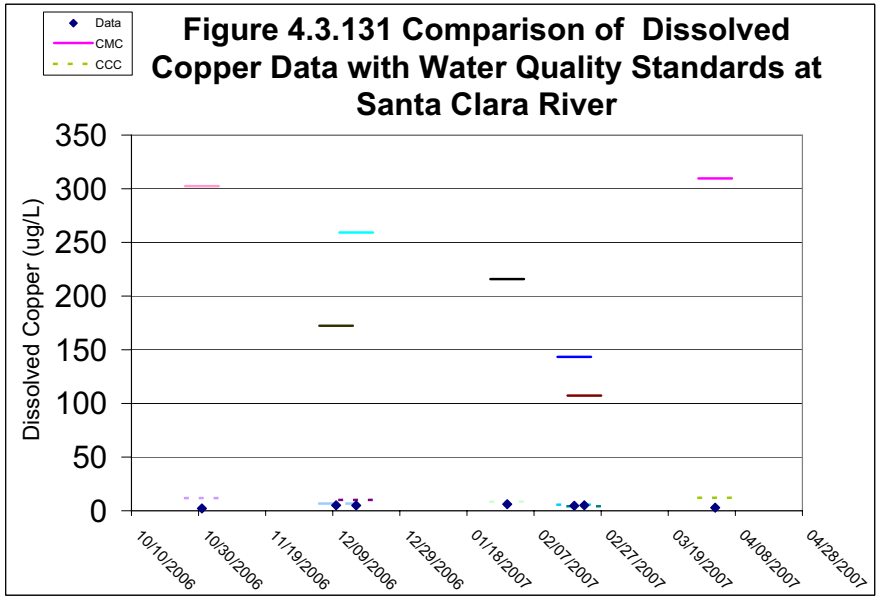


Figure 4.3.131 Comparison of Dissolved Copper Data with Water Quality Standards at Santa Clara River

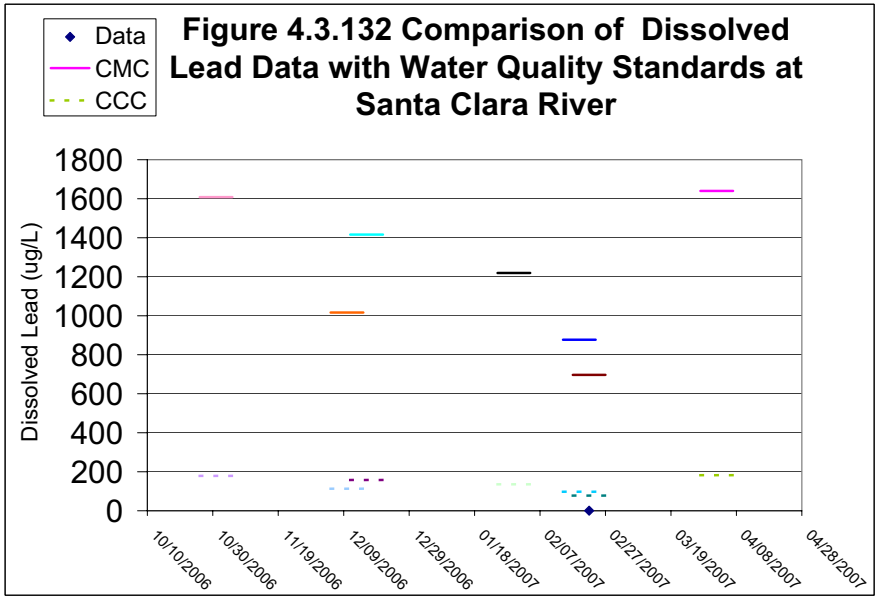


Figure 4.3.132 Comparison of Dissolved Lead Data with Water Quality Standards at Santa Clara River

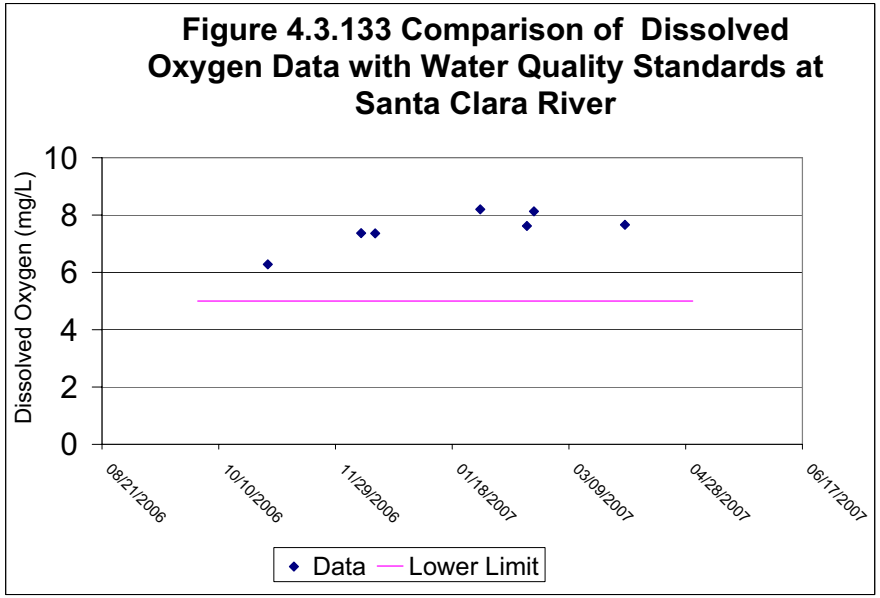


Figure 4.3.133 Comparison of Dissolved Oxygen Data with Water Quality Standards at Santa Clara River
Dissolved Oxygen (mg/L)
10
8
6
4
2
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Lower Limit

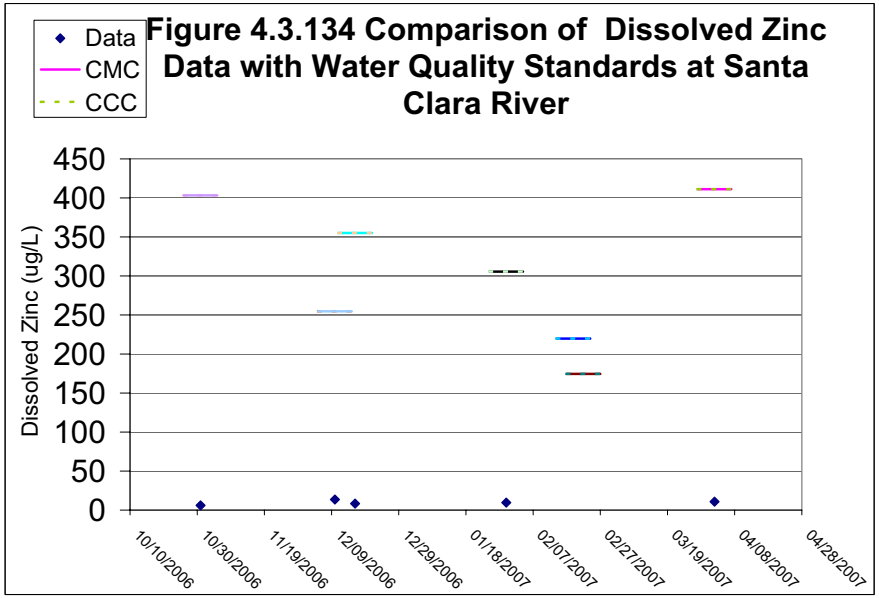


Figure 4.3.134 Comparison of Dissolved Zinc Data with Water Quality Standards at Santa Clara River
Data
CMC
CCC
Dissolved Zinc (ug/L)
450
400
350
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007

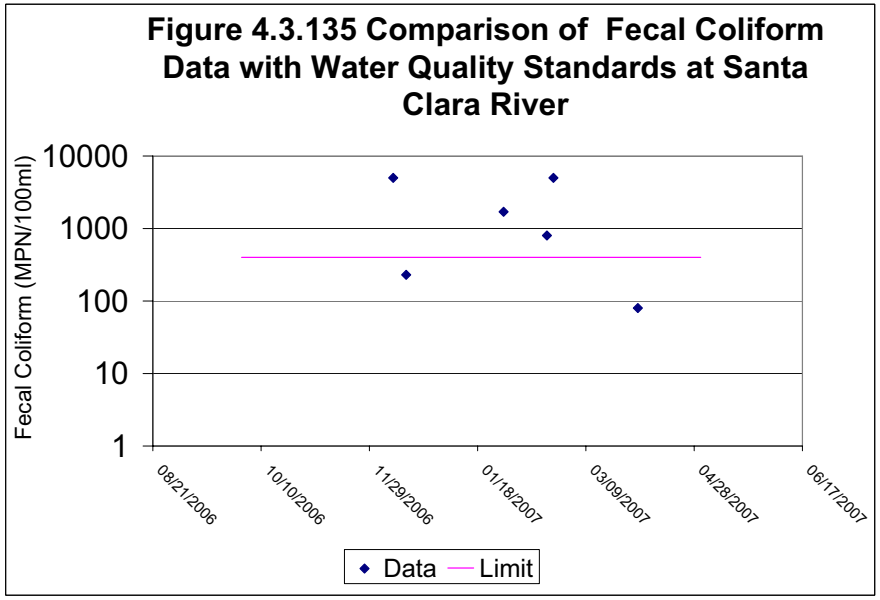


Figure 4.3.135 Comparison of Fecal Coliform Data with Water Quality Standards at Santa Clara River
Fecal Coliform (MPN/100ml)
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

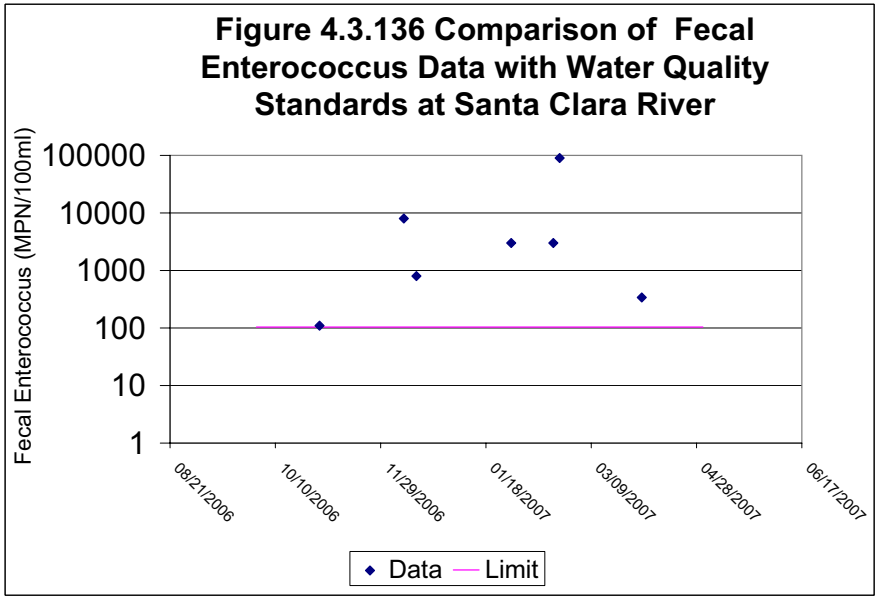


Figure 4.3.136 Comparison of Fecal Enterococcus Data with Water Quality Standards at Santa Clara River
Fecal Enterococcus (MPN/100ml)
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

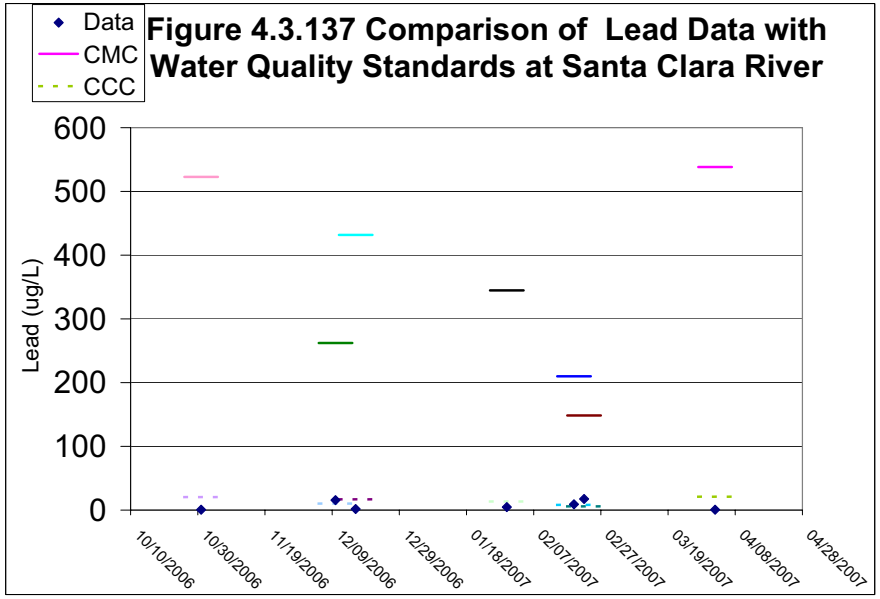


Figure 4.3.137 Comparison of Lead Data with Water Quality Standards at Santa Clara River

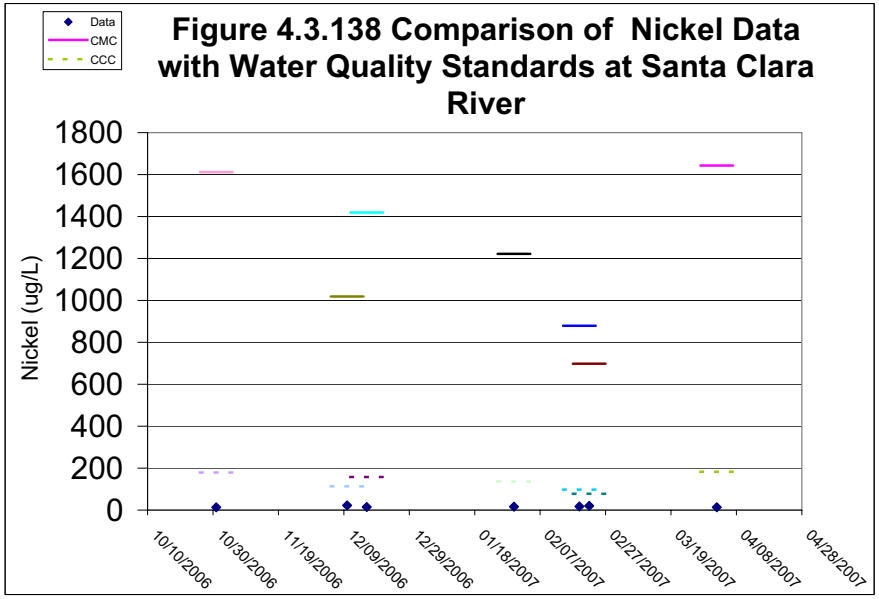


Figure 4.3.138 Comparison of Nickel Data with Water Quality Standards at Santa Clara River

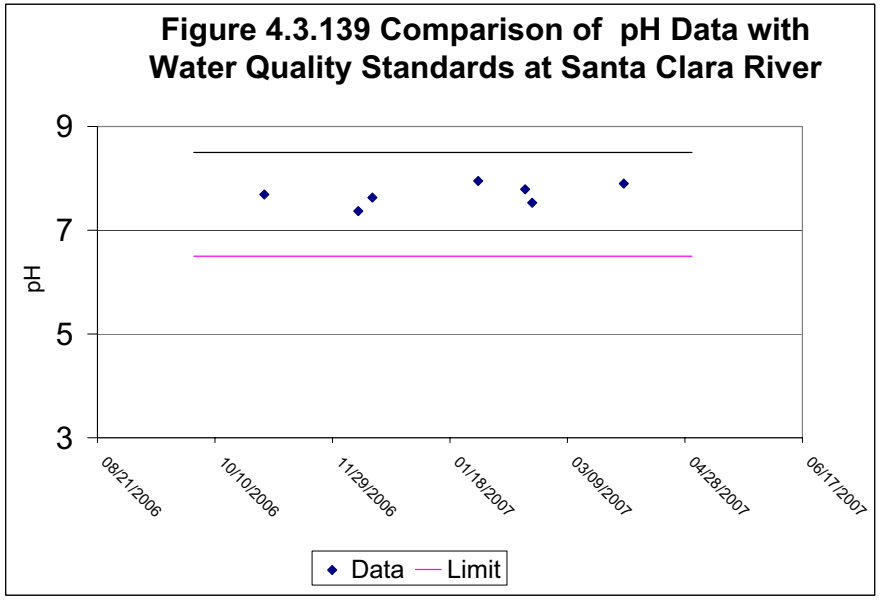


Figure 4.3.139 Comparison of pH Data with Water Quality Standards at Santa Clara River

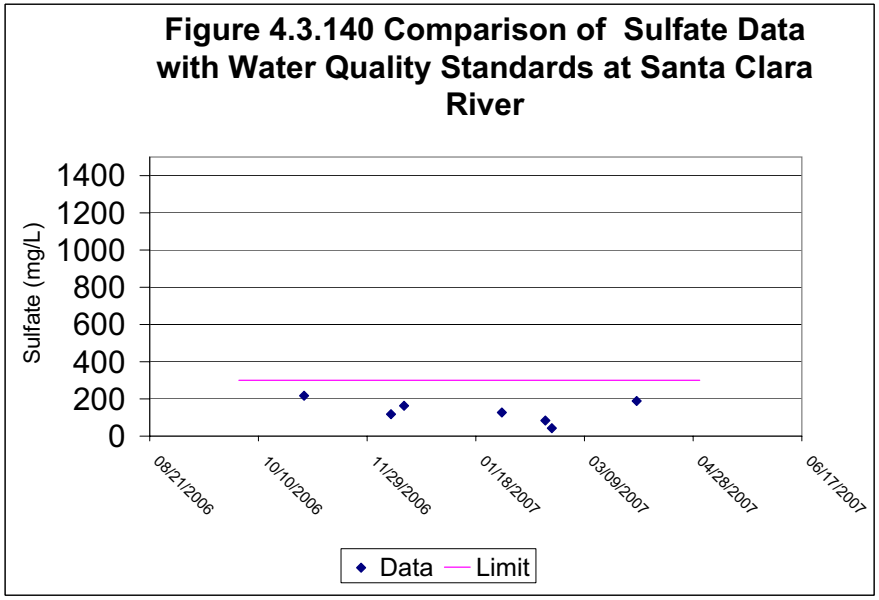


Figure 4.3.140 Comparison of Sulfate Data with Water Quality Standards at Santa Clara River

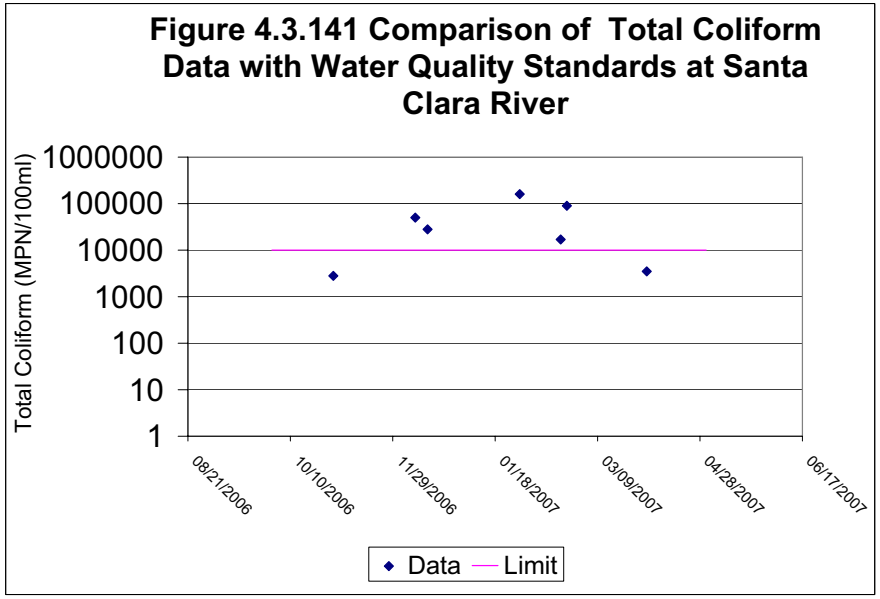


Figure 4.3.141 Comparison of Total Coliform Data with Water Quality Standards at Santa Clara River
Total Coliform (MPN/100ml)
1000000
100000
10000
1000
100
10
1
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit

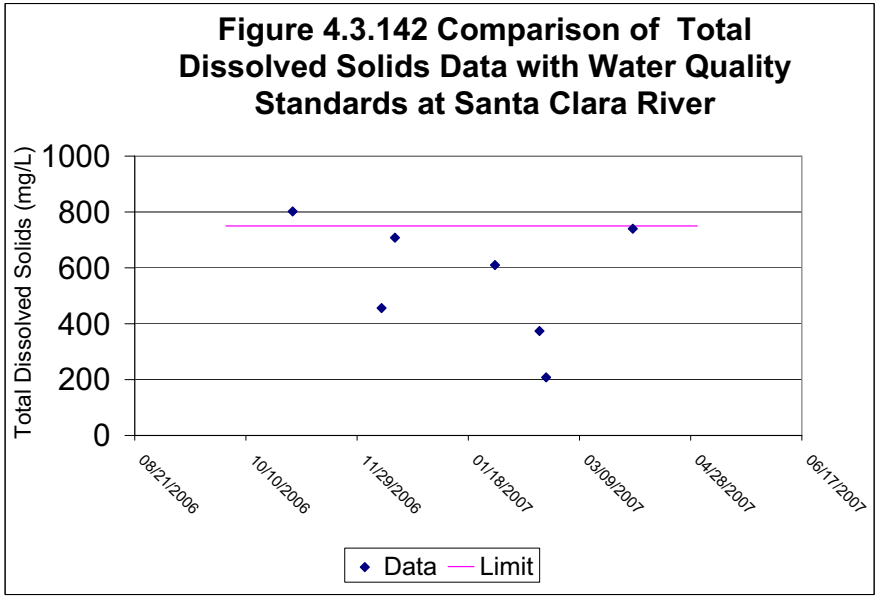
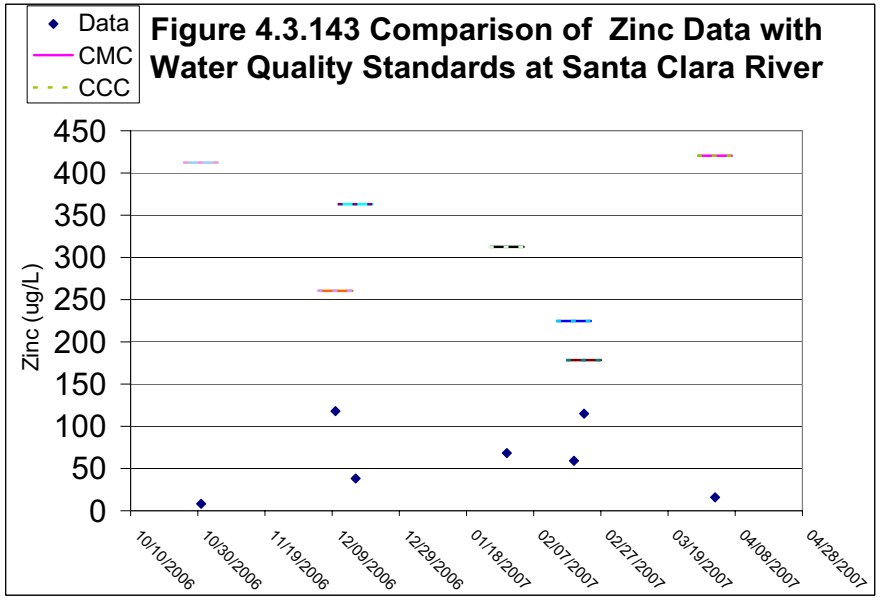


Figure 4.3.142 Comparison of Total Dissolved Solids Data with Water Quality Standards at Santa Clara River
Total Dissolved Solids (mg/L)
1000
800
600
400
200
0
08/21/2006
10/10/2006
11/29/2006
01/18/2007
03/09/2007
04/28/2007
06/17/2007
Data
Limit


Data
CMC
CCC
Figure 4.3.143 Comparison of Zinc Data with Water Quality Standards at Santa Clara River
Zinc (ug/L)
450
400
350
300
250
200
150
100
50
0
10/10/2006
10/30/2006
11/19/2006
12/09/2006
12/29/2006
01/18/2007
02/07/2007
02/27/2007
03/19/2007
04/08/2007
04/28/2007