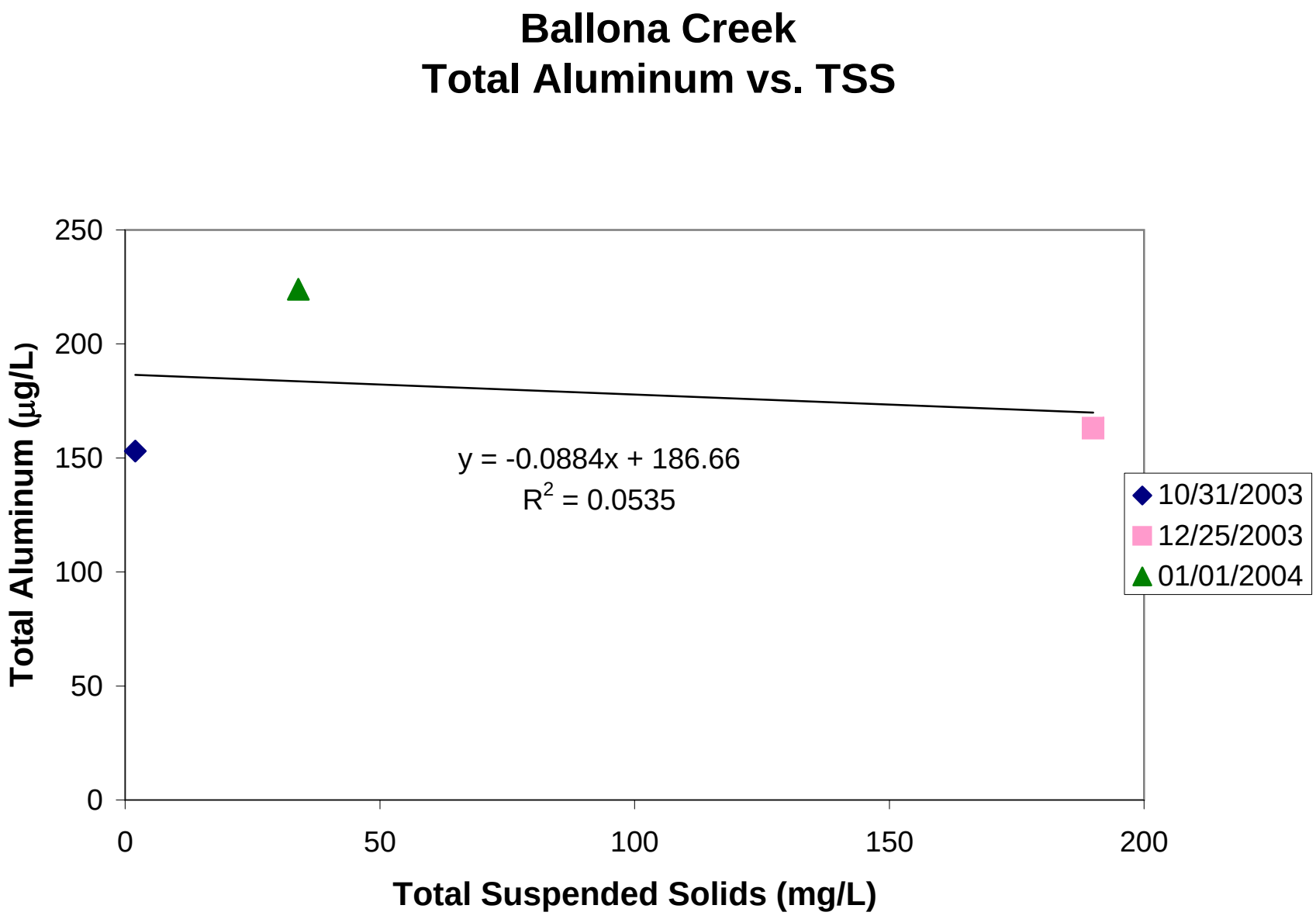
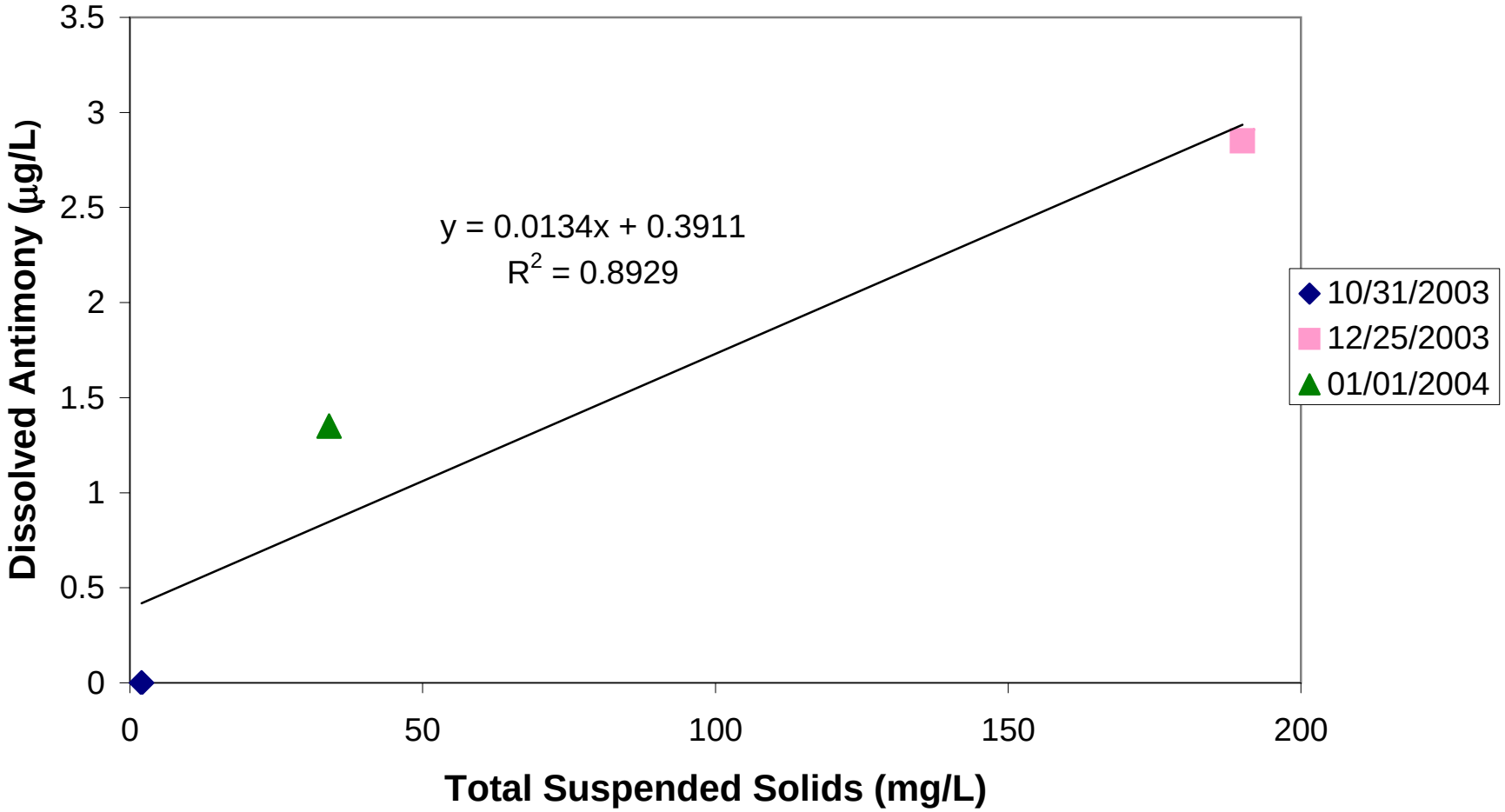
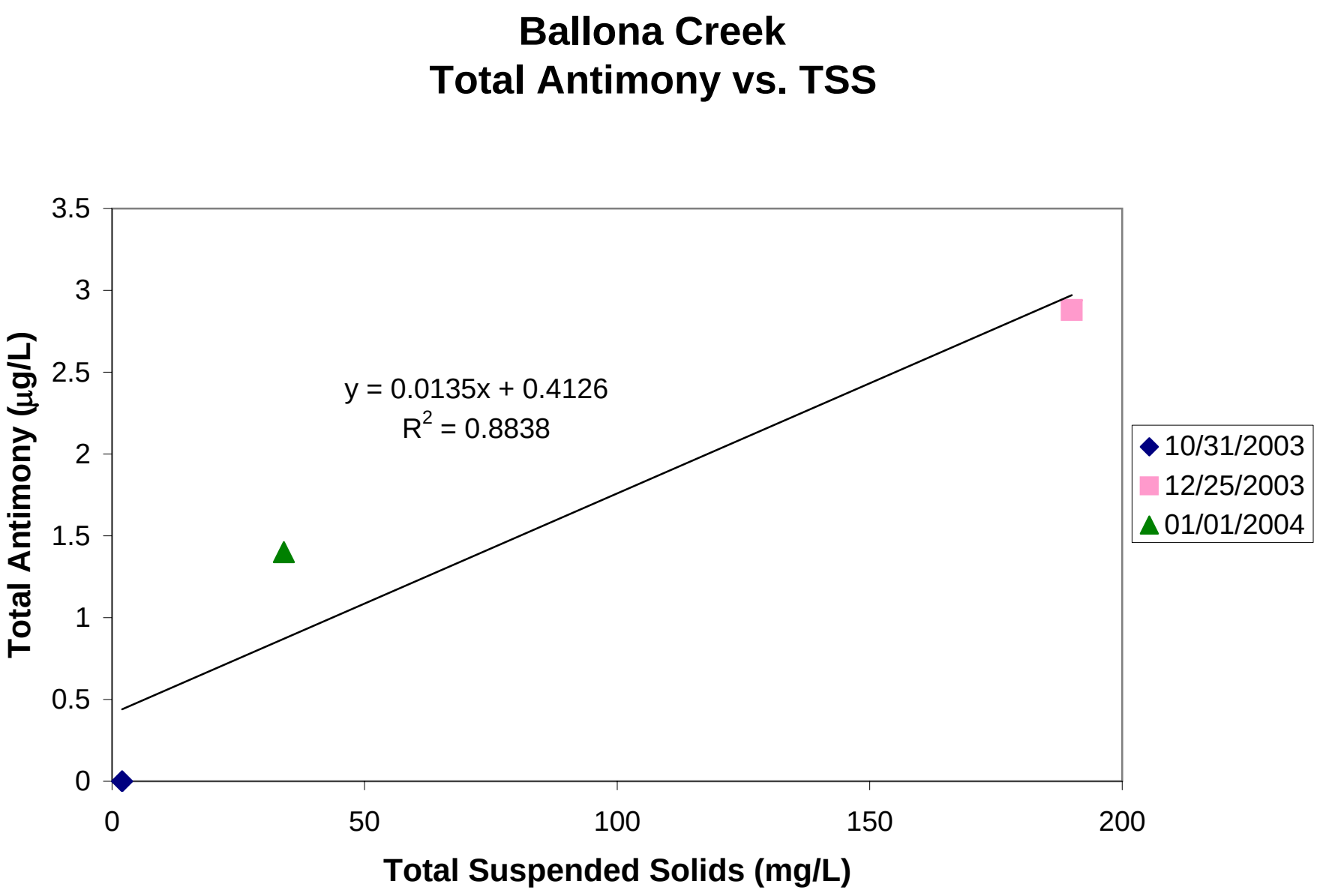
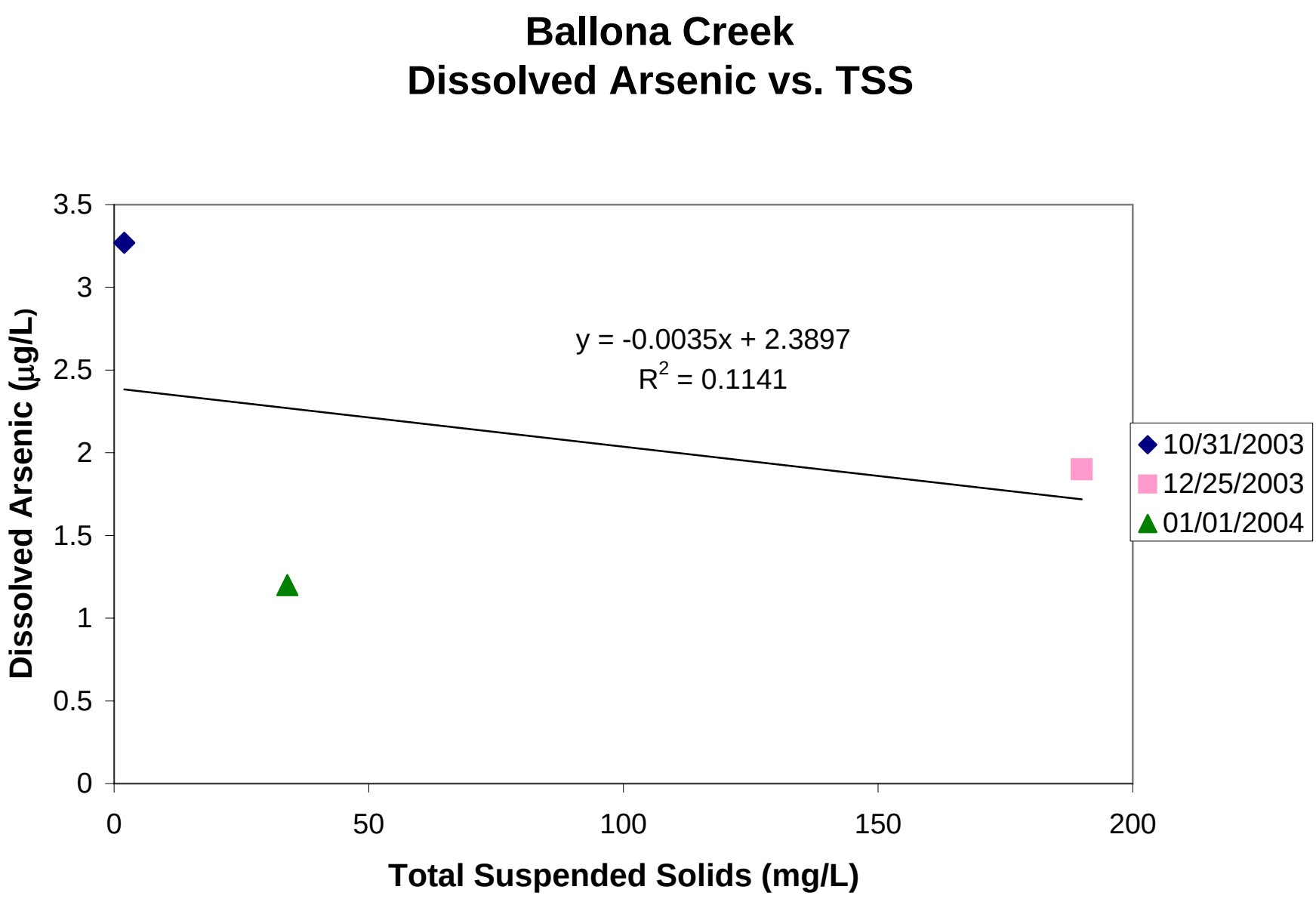
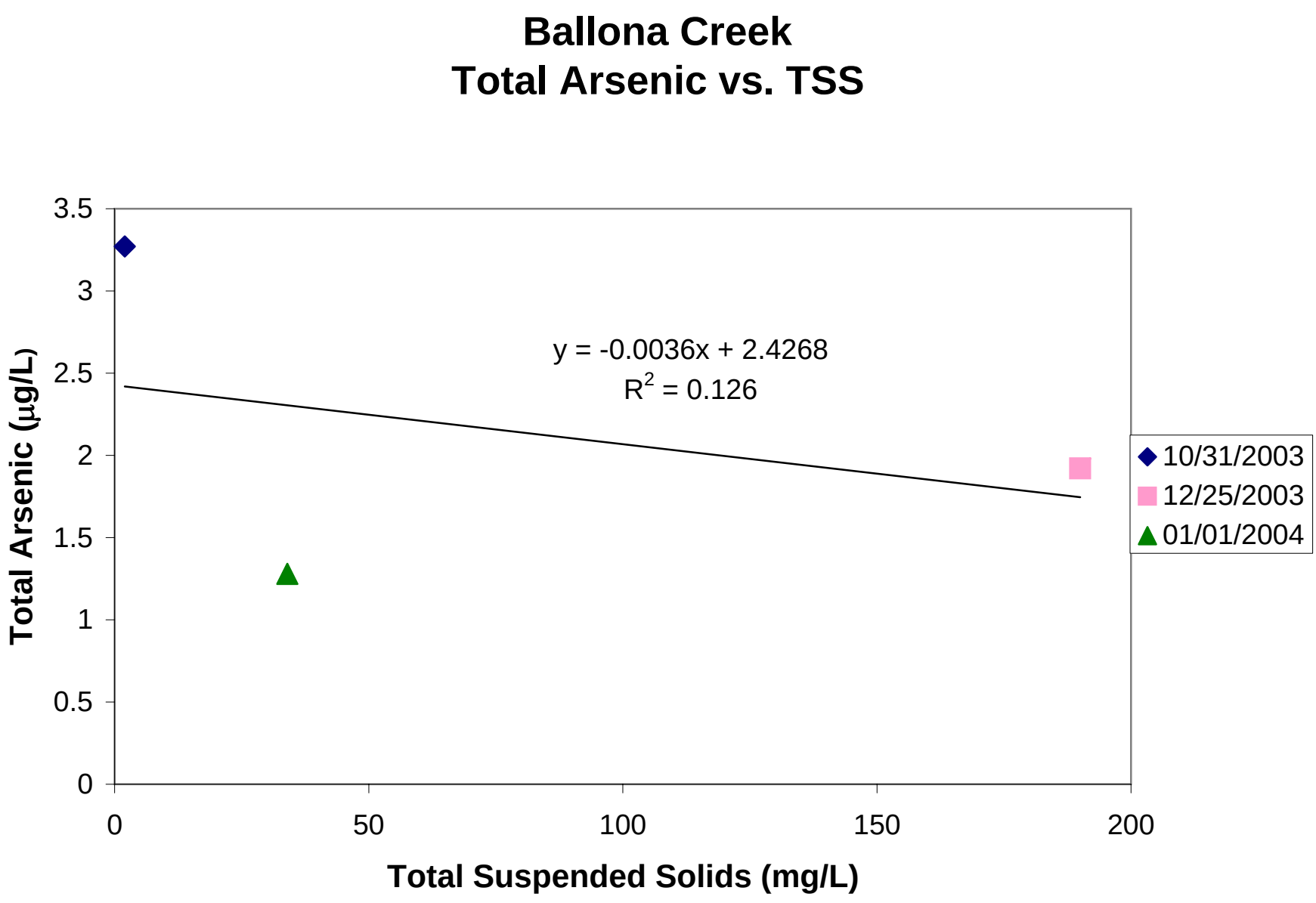

Ballona Creek
Total Aluminum vs. TSS
Total Aluminum (µg/L)
250
200
150
100
50
0
0
50
100
150
200
Total Suspended Solids (mg/L)
y = -0.0884x + 186.66
R2 = 0.0535
10/31/2003
12/25/2003
01/01/2004

Ballona Creek
Dissolved Antimony vs. TSS

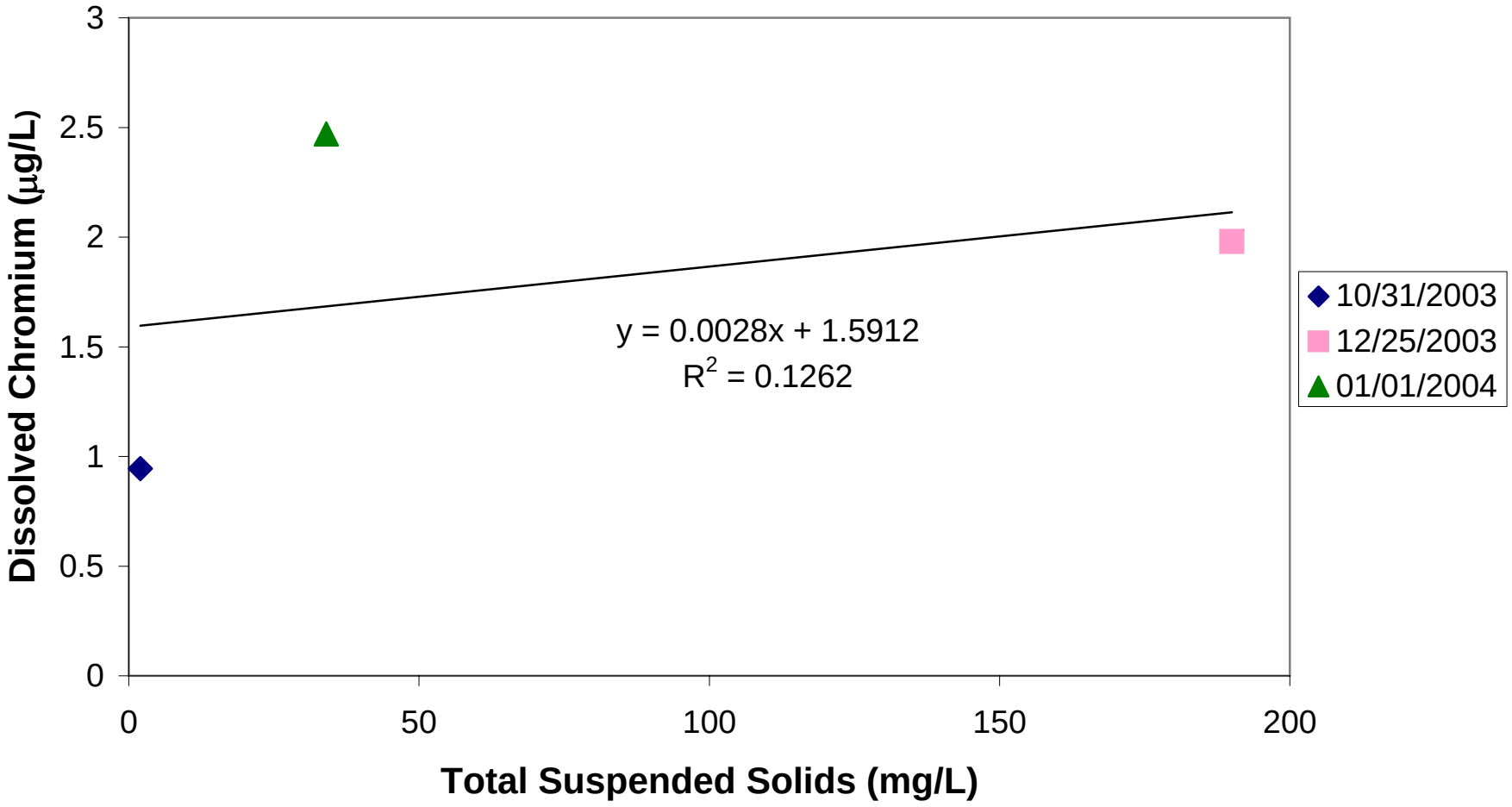


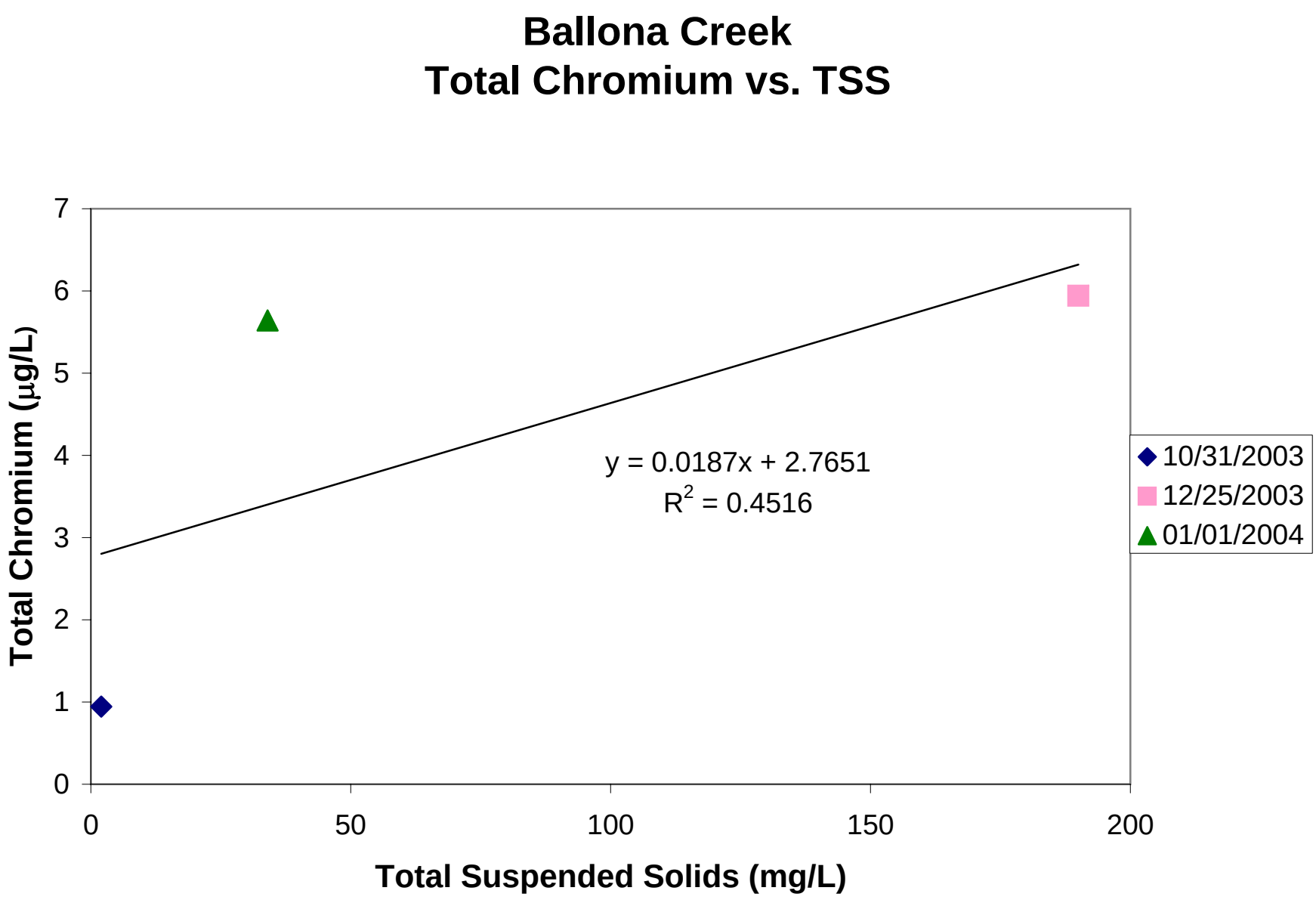

Ballona Creek
Total Antimony vs. TSS
y = 0.0135x + 0.4126
R2 = 0.8838
Total Antimony (µg/L)
Total Suspended Solids (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
0
50
100
150
200
10/31/2003
12/25/2003
01/01/2004


Ballona Creek
Dissolved Arsenic vs. TSS
y = -0.0035x + 2.3897
R2 = 0.1141
Dissolved Arsenic (µg/L)
Total Suspended Solids (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
0
50
100
150
200
10/31/2003
12/25/2003
01/01/2004

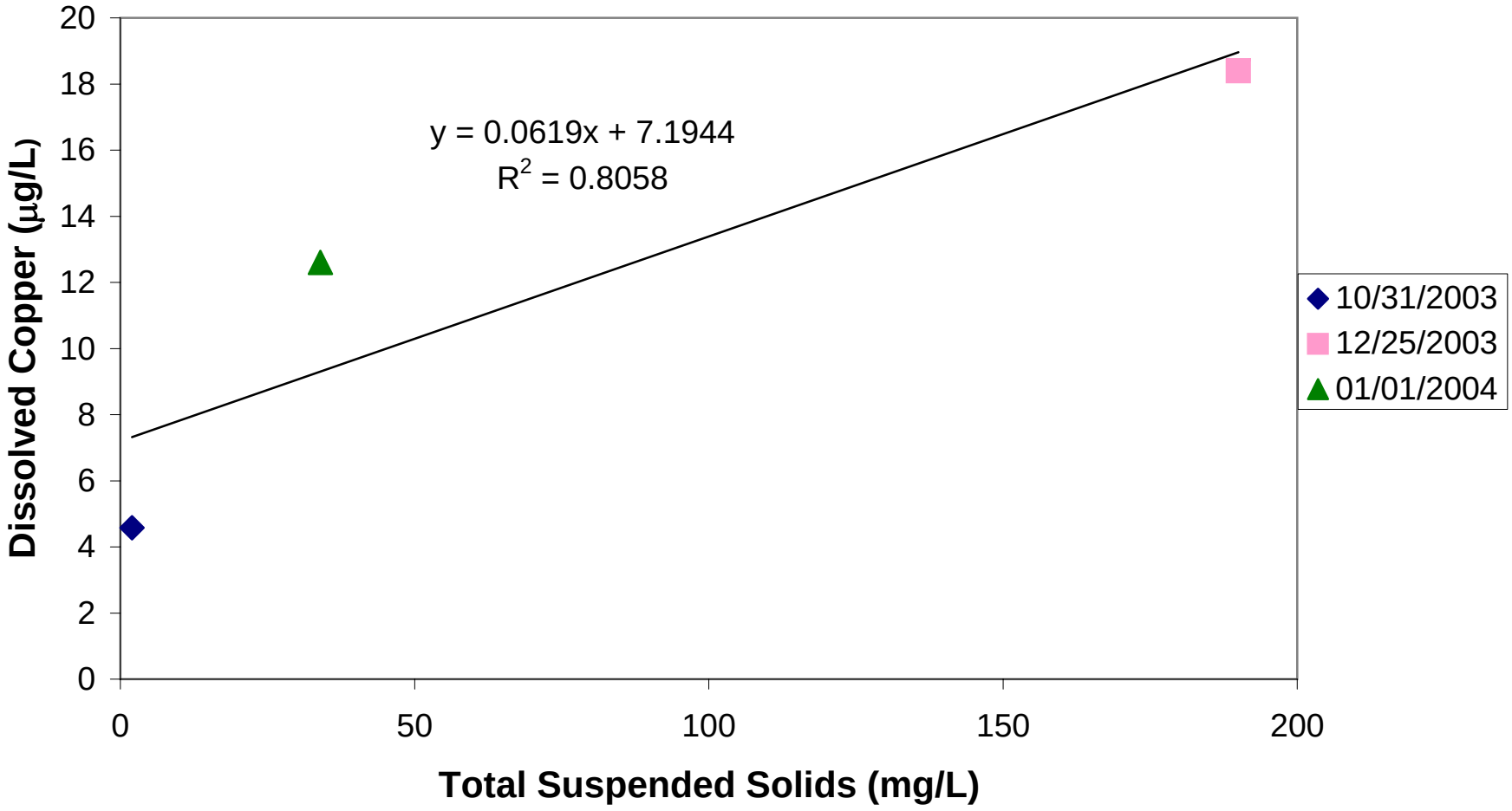

Ballona Creek
Total Arsenic vs. TSS
y = -0.0036x + 2.4268
R2 = 0.126
Total Arsenic (µg/L)
Total Suspended Solids (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
0
50
100
150
200
10/31/2003
12/25/2003
01/01/2004

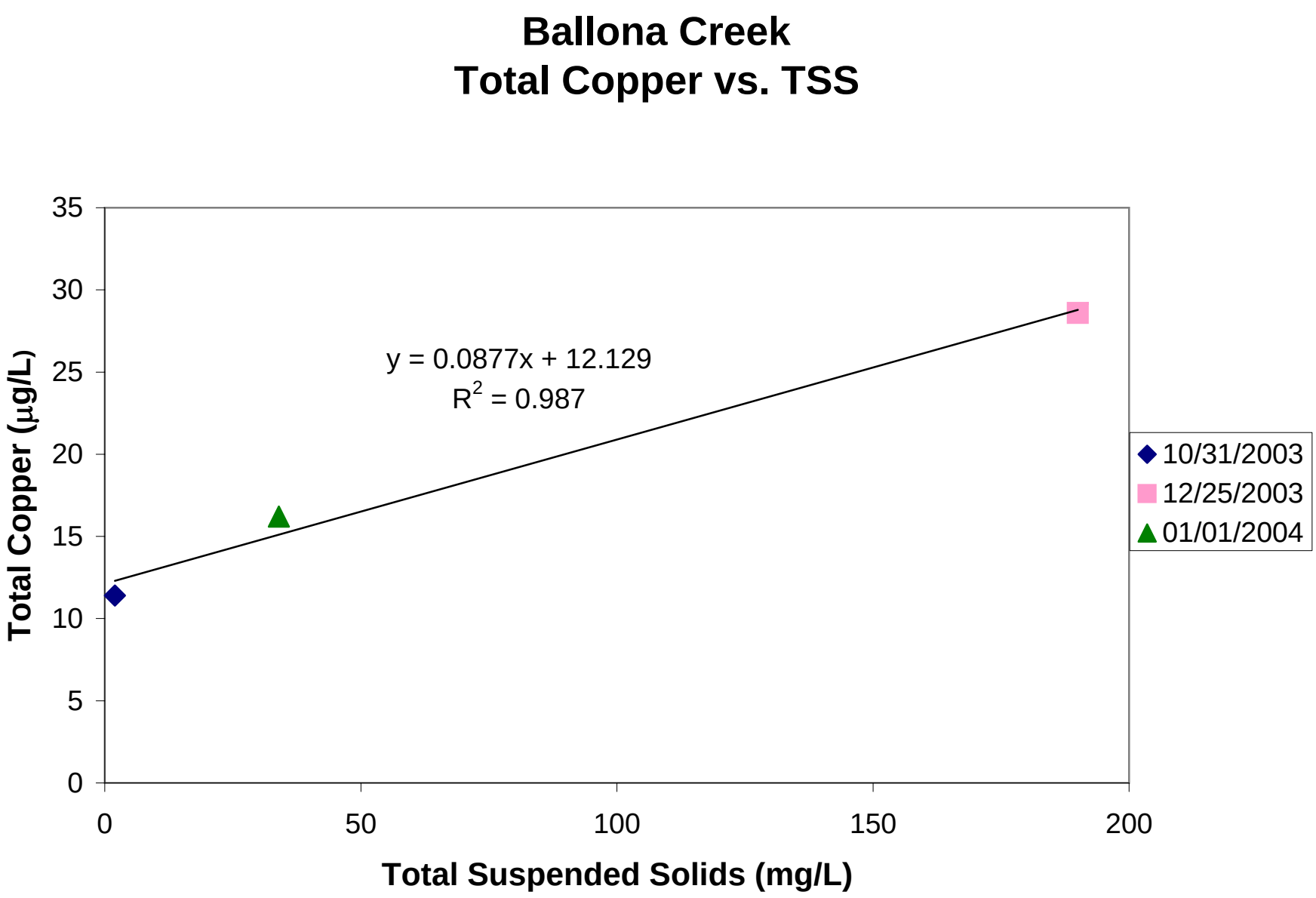
Ballona Creek
Dissolved Chromium vs. TSS

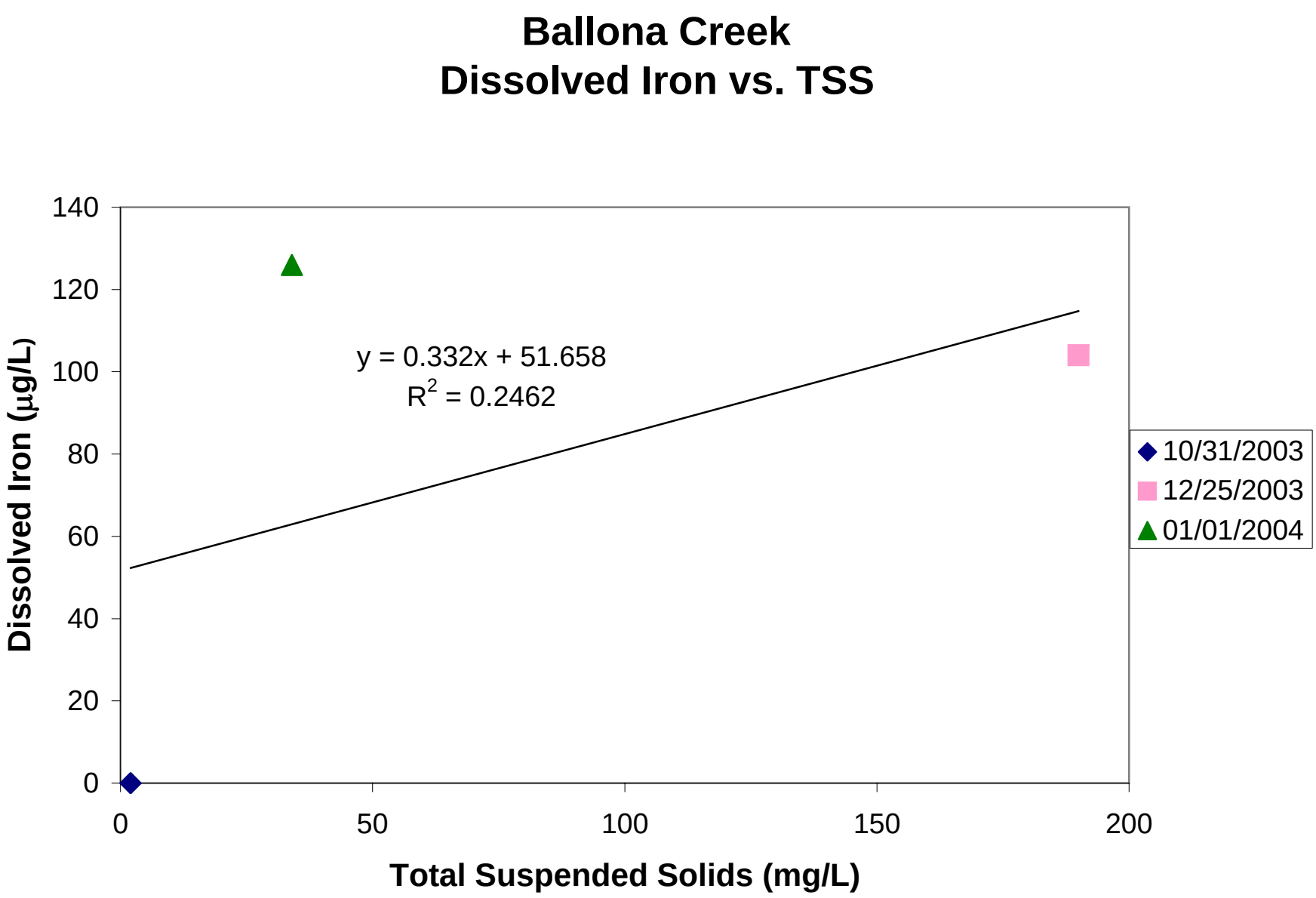


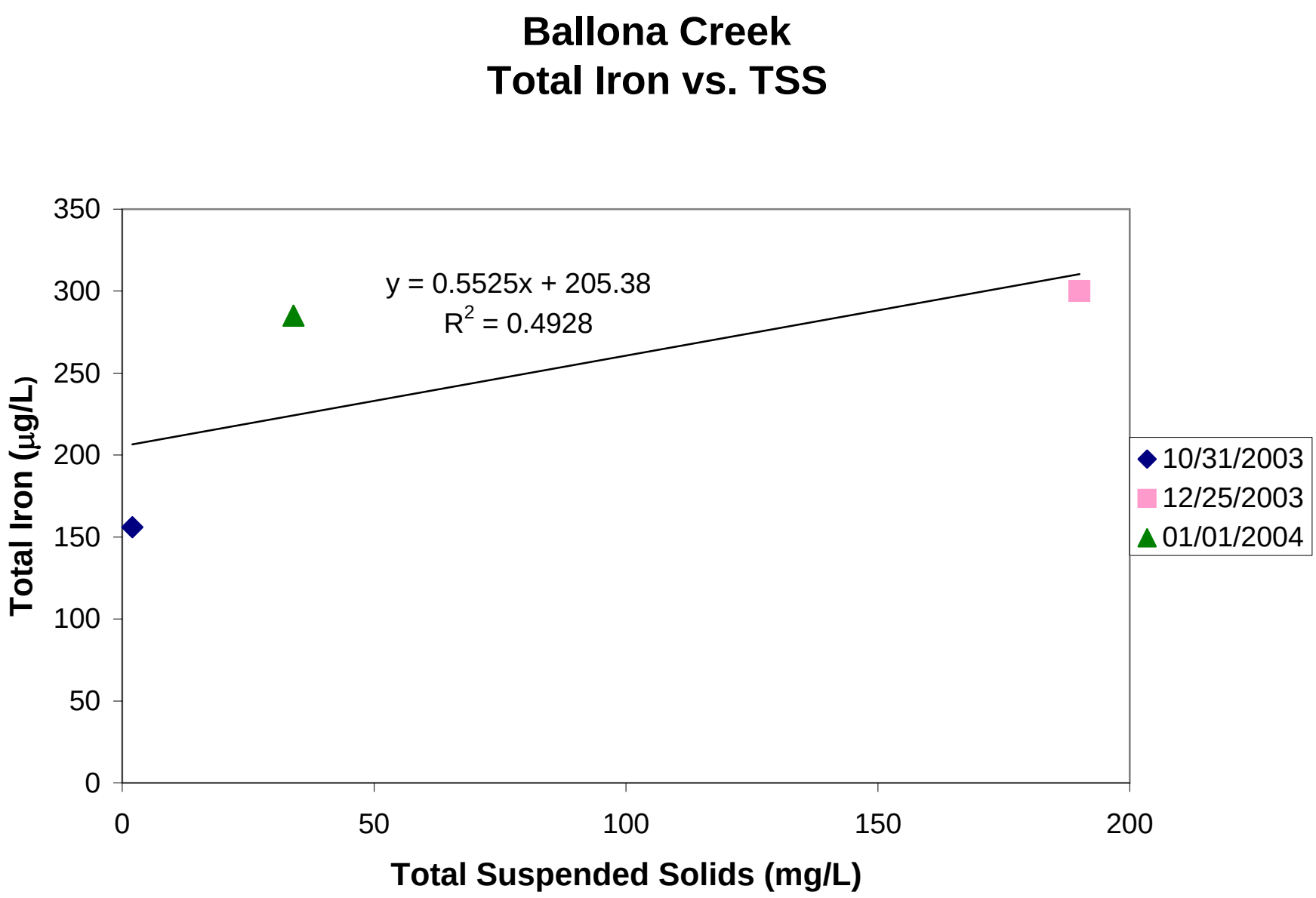

Ballona Creek
Total Chromium vs. TSS
Total Chromium (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
0
50
100
150
200
y = 0.0187x + 2.7651
R2 = 0.4516
10/31/2003
12/25/2003
01/01/2004

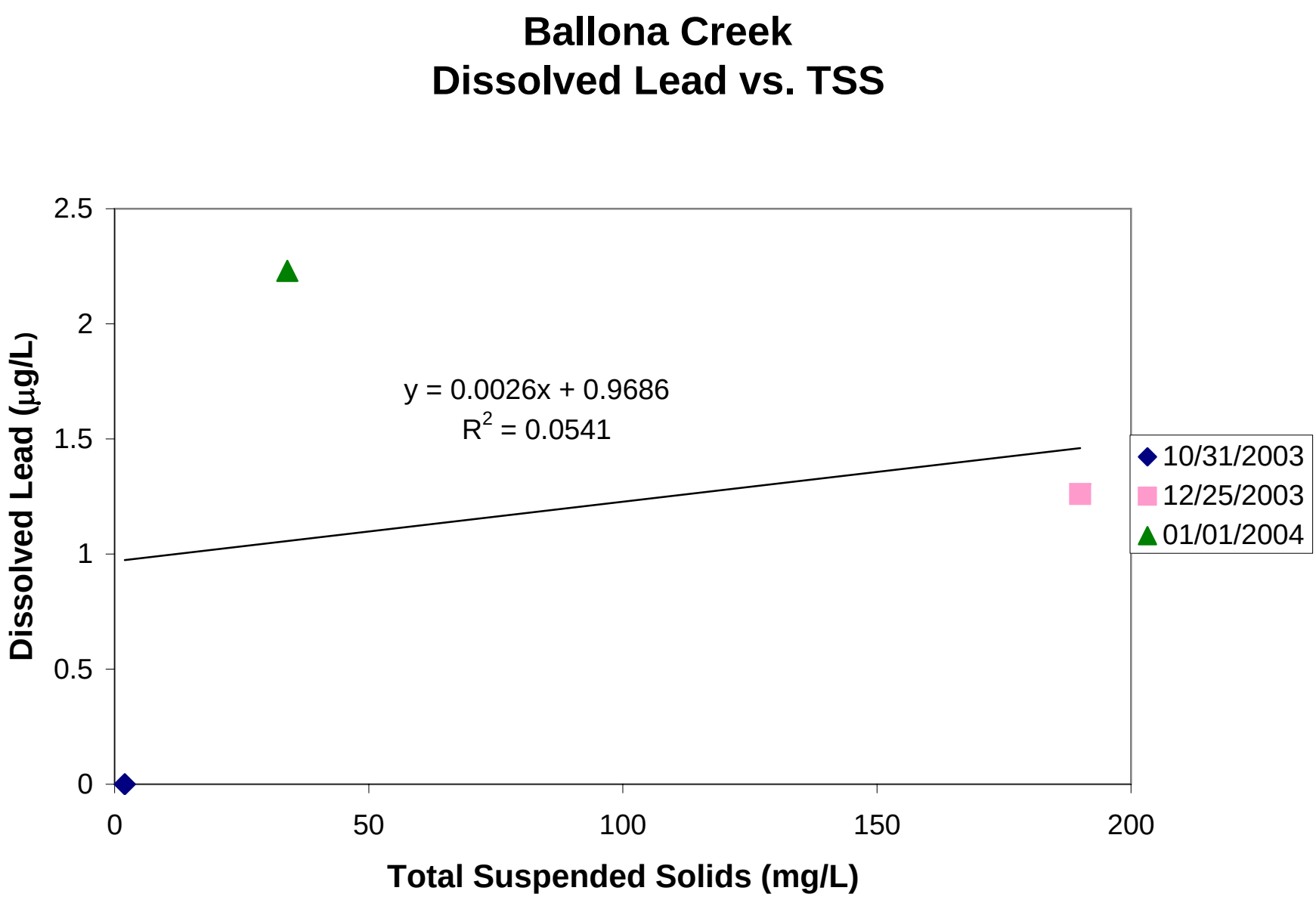
Ballona Creek
Dissolved Copper vs. TSS

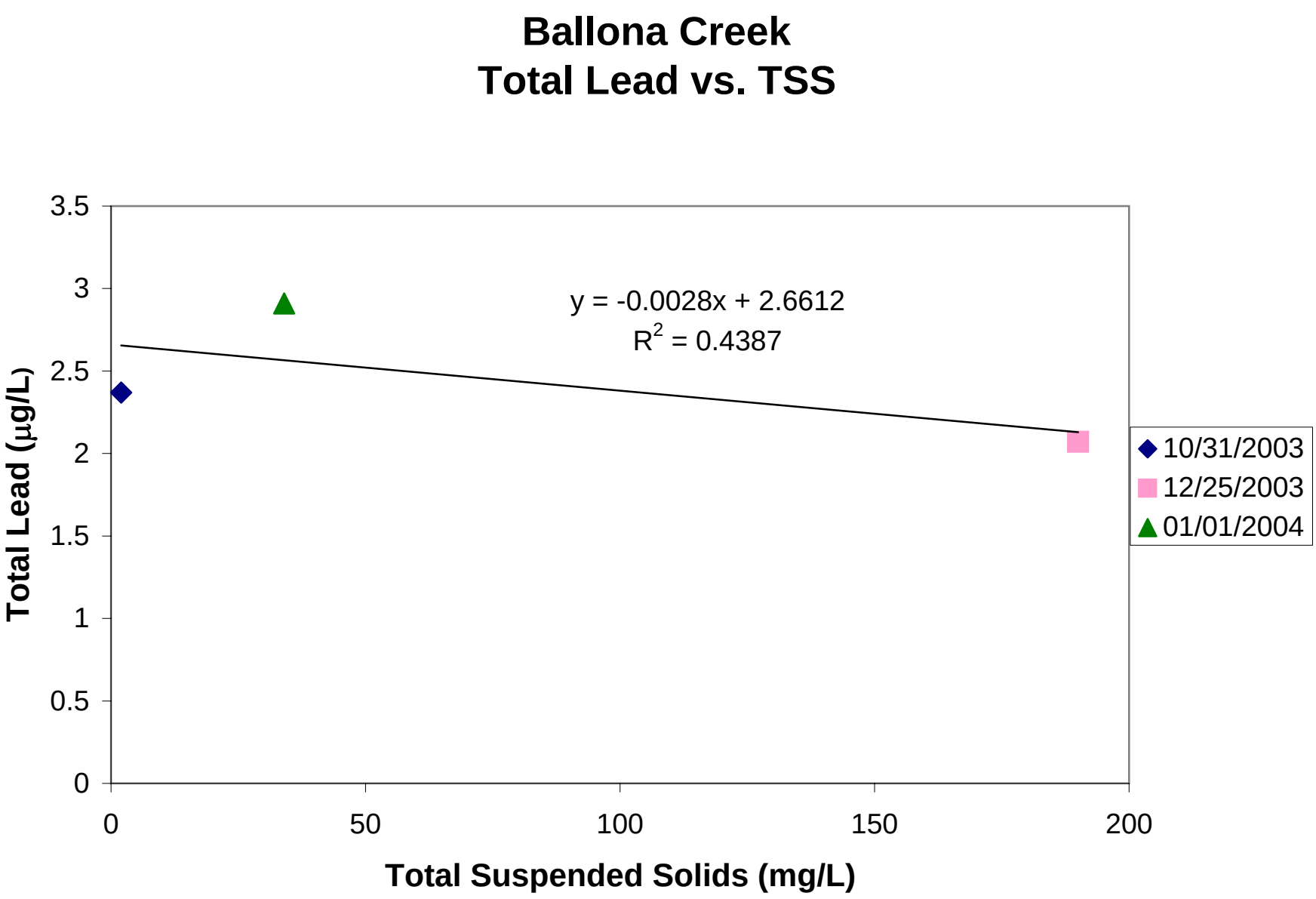


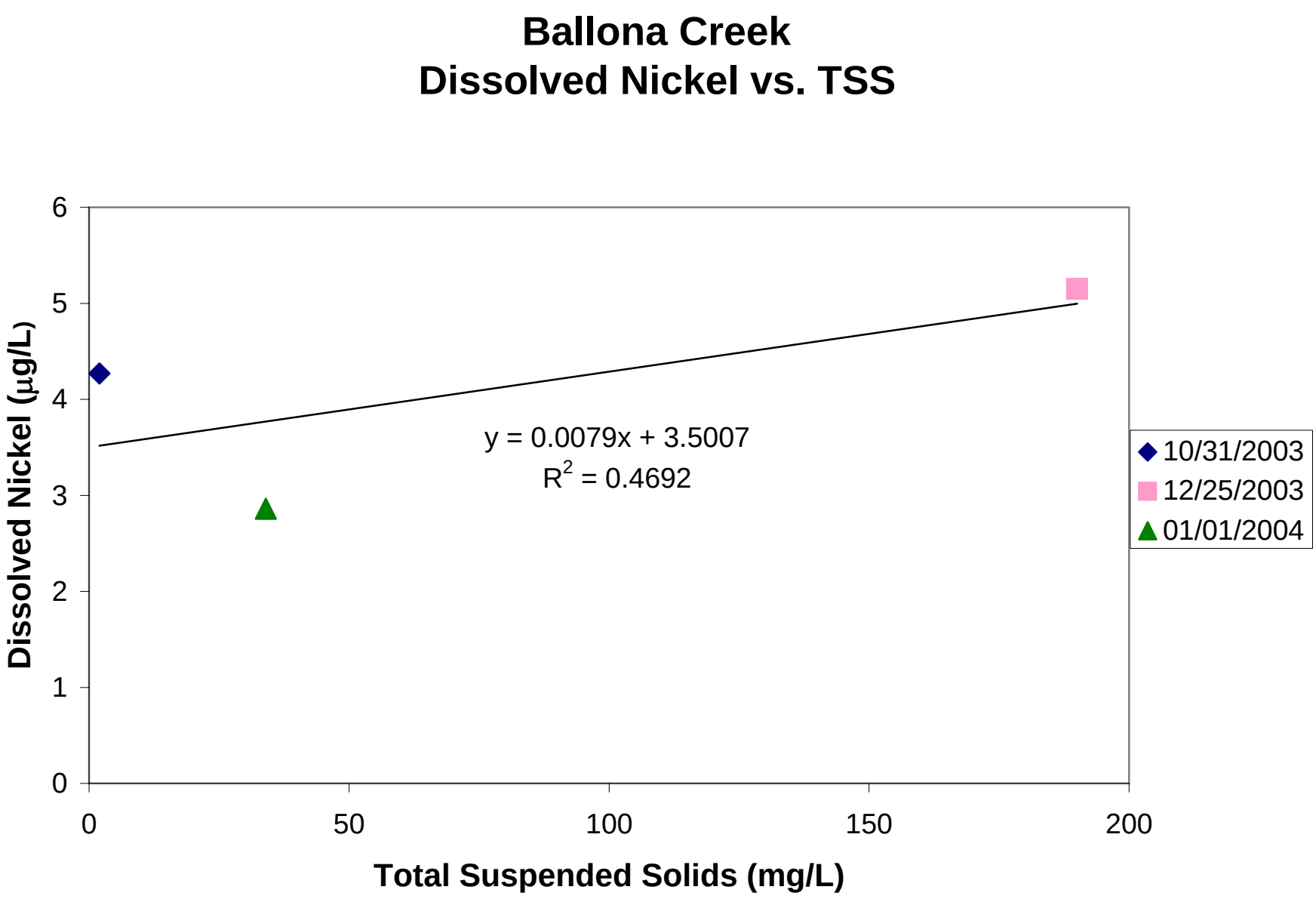

Ballona Creek
Total Copper vs. TSS
y = 0.0877x + 12.129
R2 = 0.987
Total Copper (µg/L)
Total Suspended Solids (mg/L)
0
5
10
15
20
25
30
35
0
50
100
150
200
10/31/2003
12/25/2003
01/01/2004

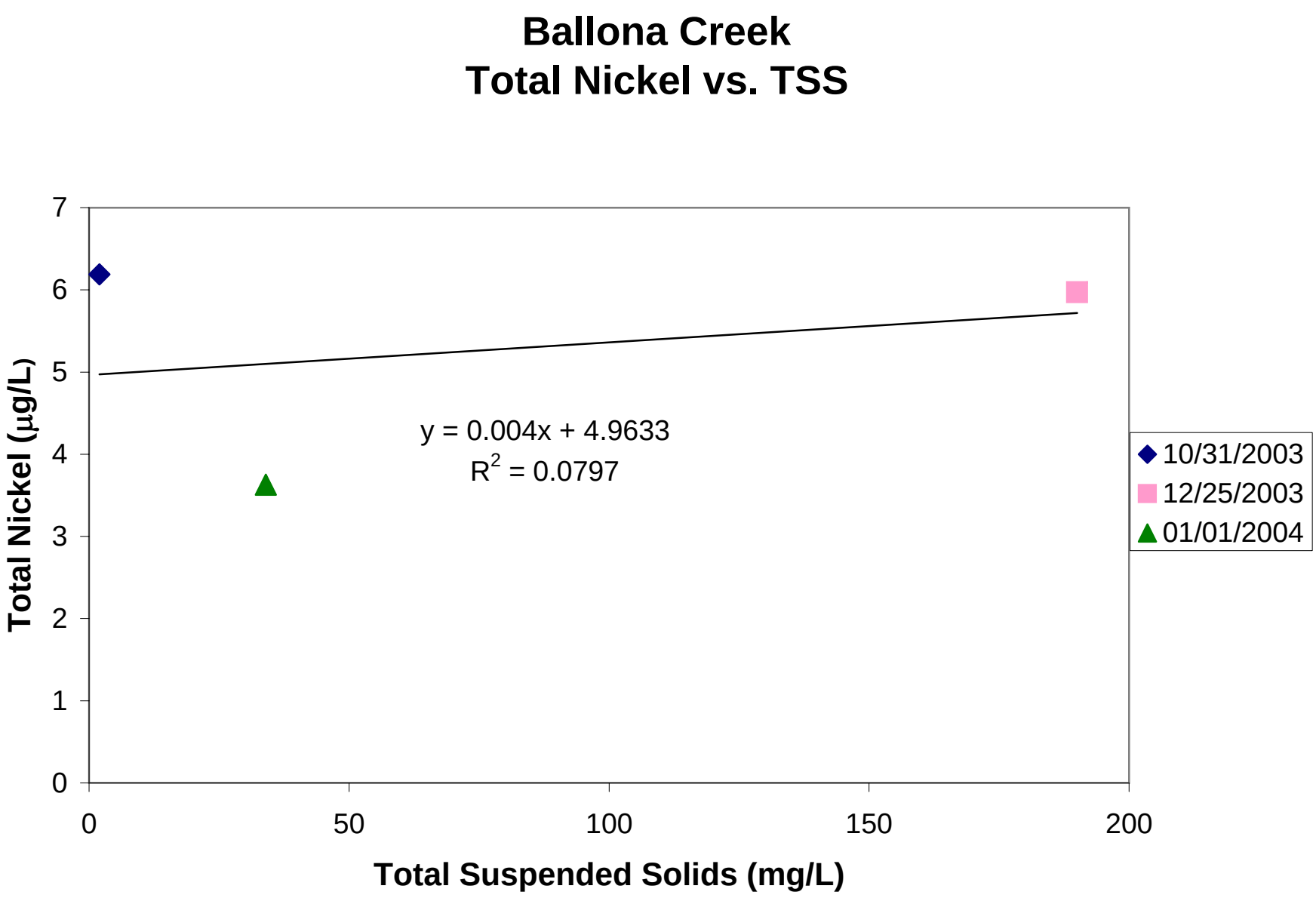

Ballona Creek
Dissolved Iron vs. TSS
y = 0.332x + 51.658
R2 = 0.2462
Dissolved Iron (µg/L)
Total Suspended Solids (mg/L)
0
20
40
60
80
100
120
140
0
50
100
150
200
10/31/2003
12/25/2003
01/01/2004


Ballona Creek
Total Iron vs. TSS
y = 0.5525x + 205.38
R2 = 0.4928
Total Iron (µg/L)
Total Suspended Solids (mg/L)
0
50
100
150
200
250
300
350
0
50
100
150
200
10/31/2003
12/25/2003
01/01/2004

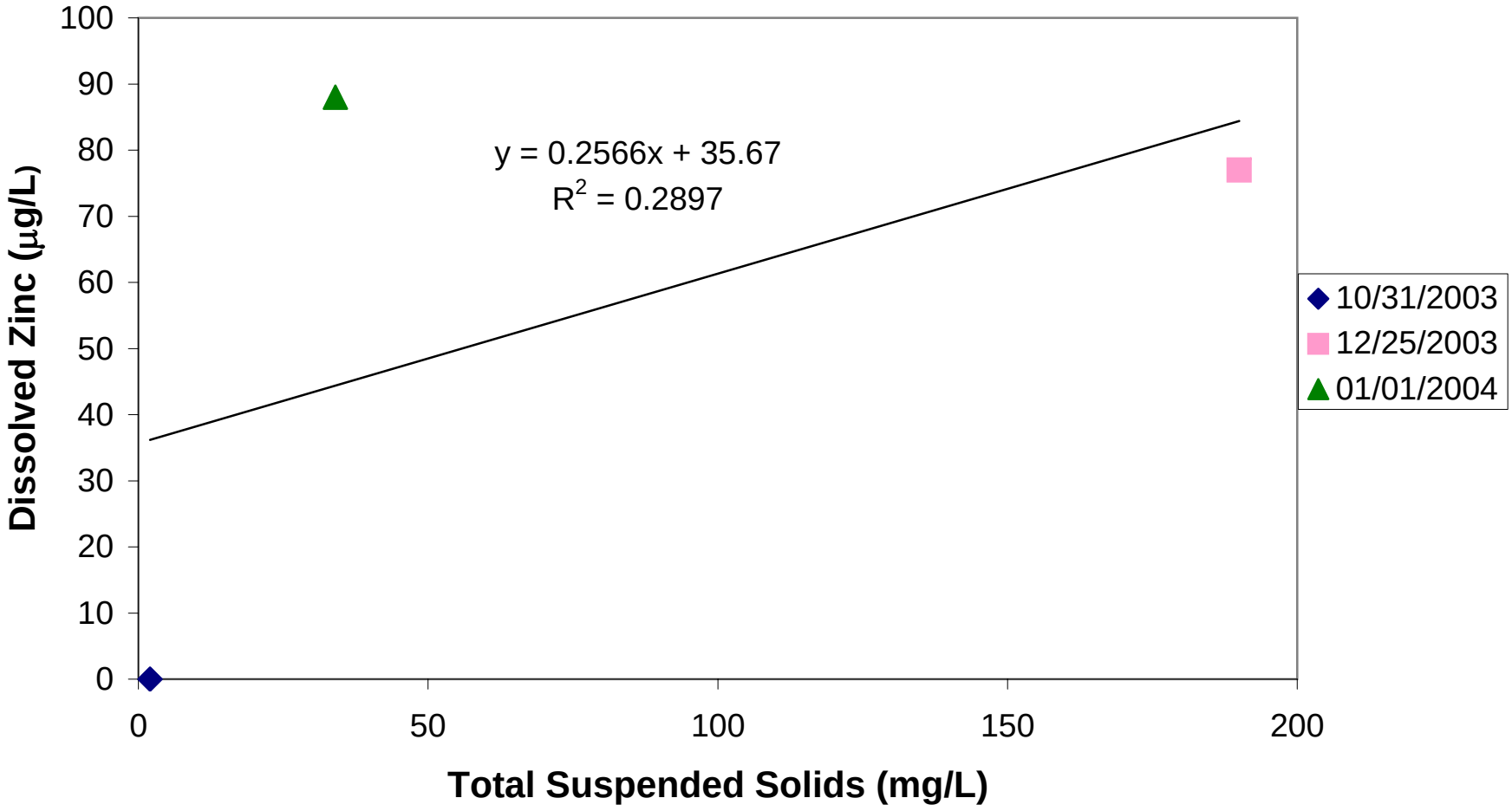

Ballona Creek
Dissolved Lead vs. TSS
Dissolved Lead (µg/L)
2.5
2
1.5
1
0.5
0
y = 0.0026x + 0.9686
R2 = 0.0541
10/31/2003
12/25/2003
01/01/2004
0
50
100
150
200
Total Suspended Solids (mg/L)

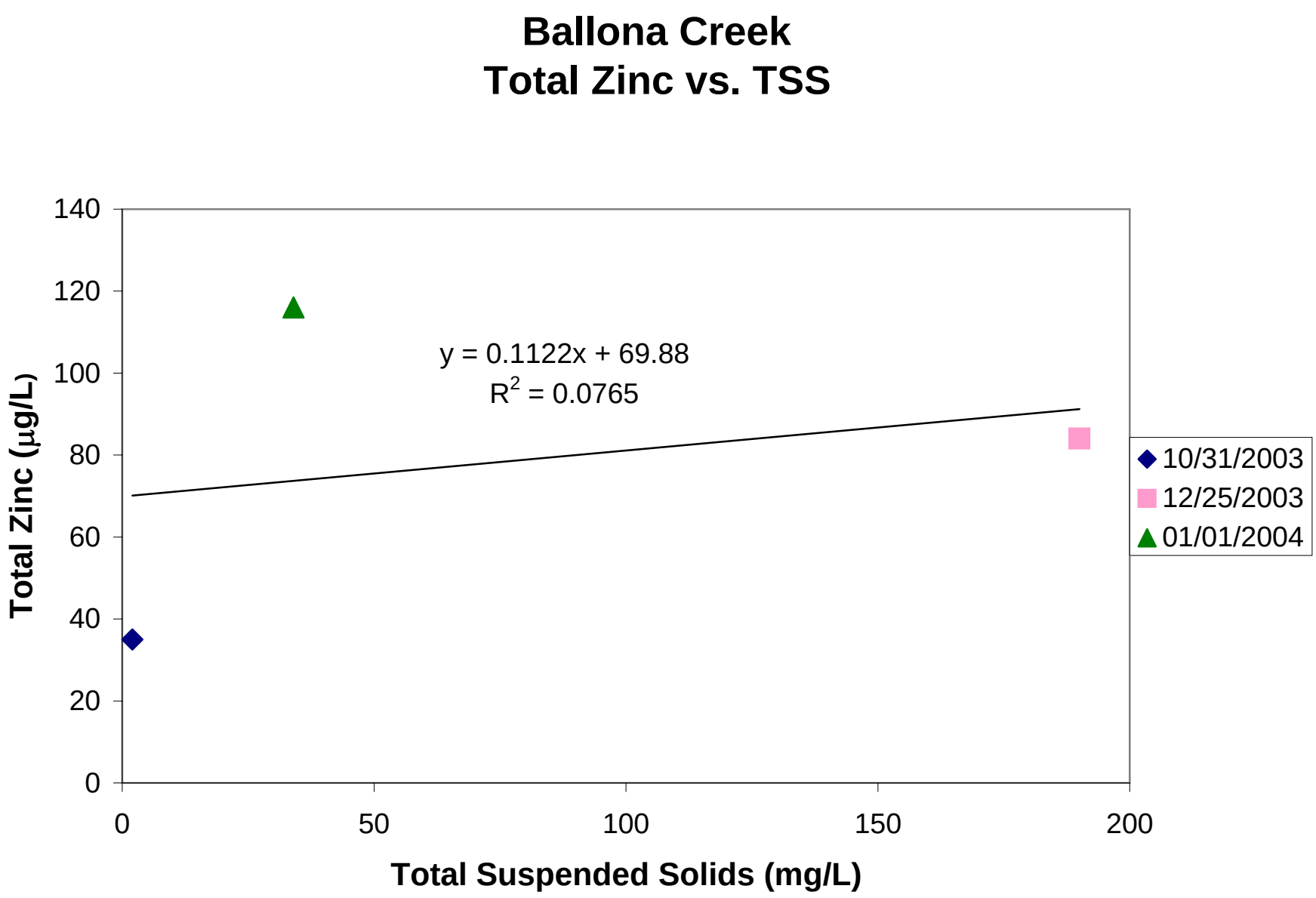

Ballona Creek
Total Lead vs. TSS
y = -0.0028x + 2.6612
R2 = 0.4387
Total Lead (µg/L)
Total Suspended Solids (mg/L)
3.5
3
2.5
2
1.5
1
0.5
0
0
50
100
150
200
10/31/2003
12/25/2003
01/01/2004

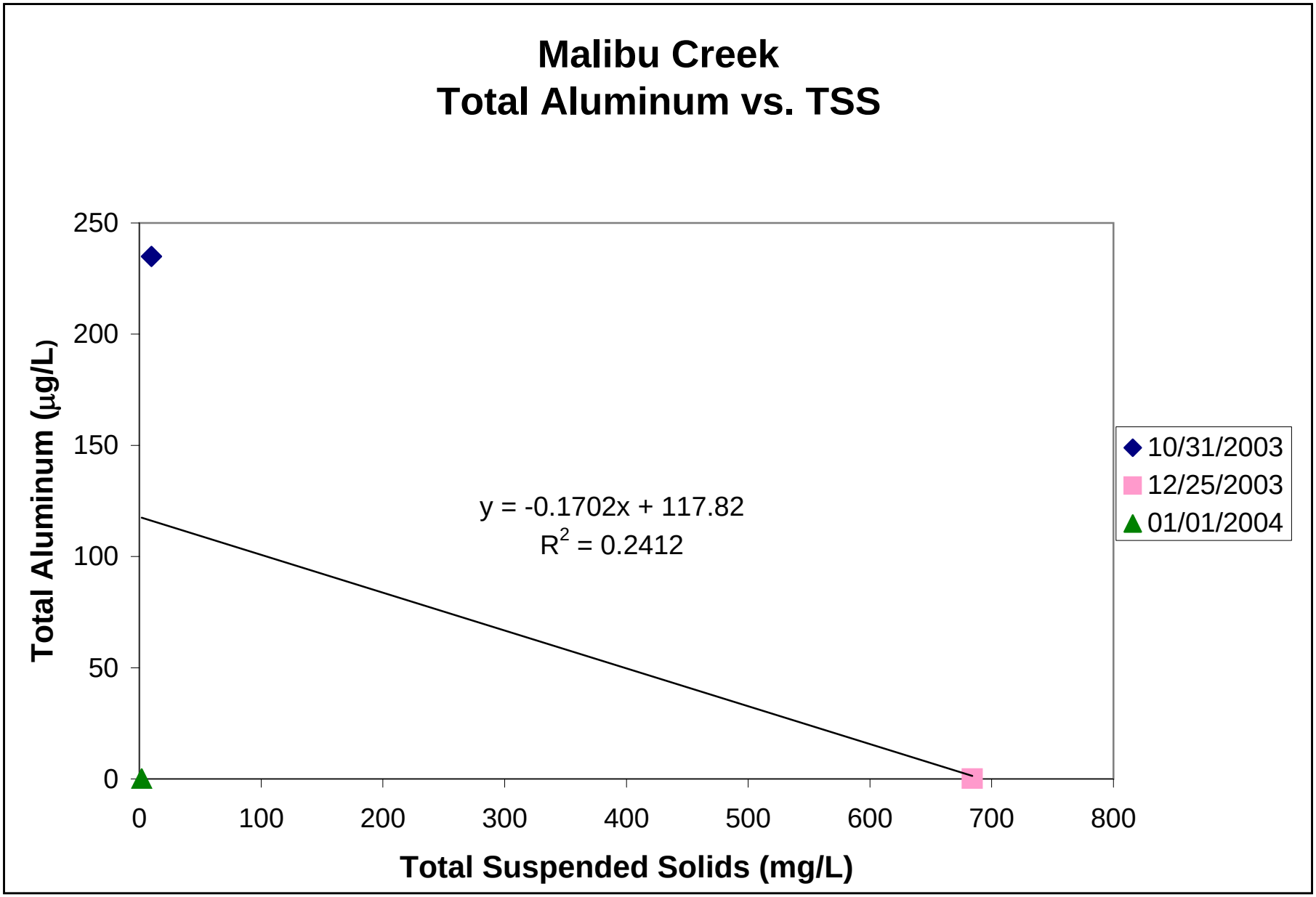

Ballona Creek
Dissolved Nickel vs. TSS
Dissolved Nickel (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
0
50
100
150
200
y = 0.0079x + 3.5007
R2 = 0.4692
10/31/2003
12/25/2003
01/01/2004

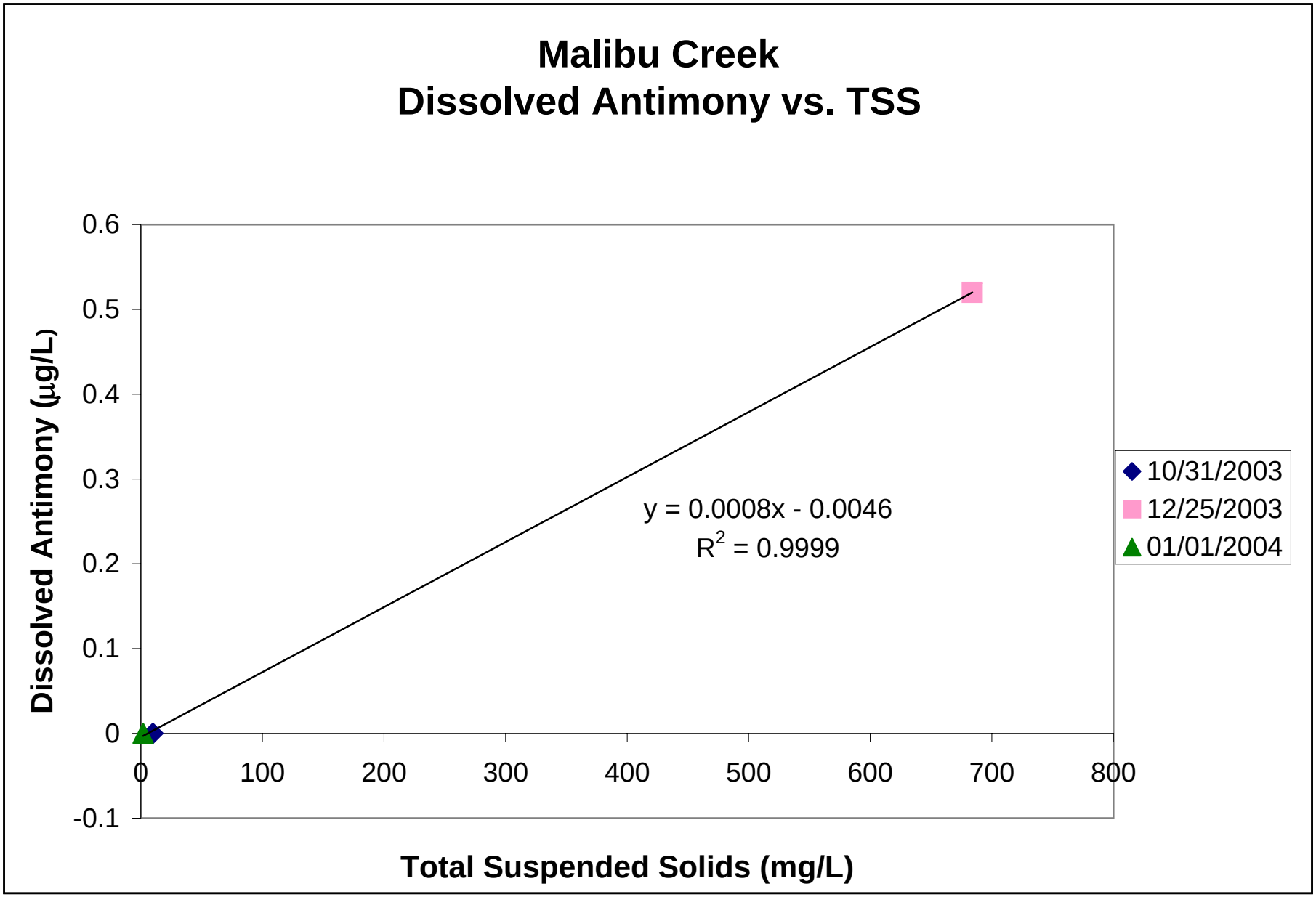

Ballona Creek
Total Nickel vs. TSS
Total Nickel (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
0
50
100
150
200
y = 0.004x + 4.9633
R2 = 0.0797
10/31/2003
12/25/2003
01/01/2004

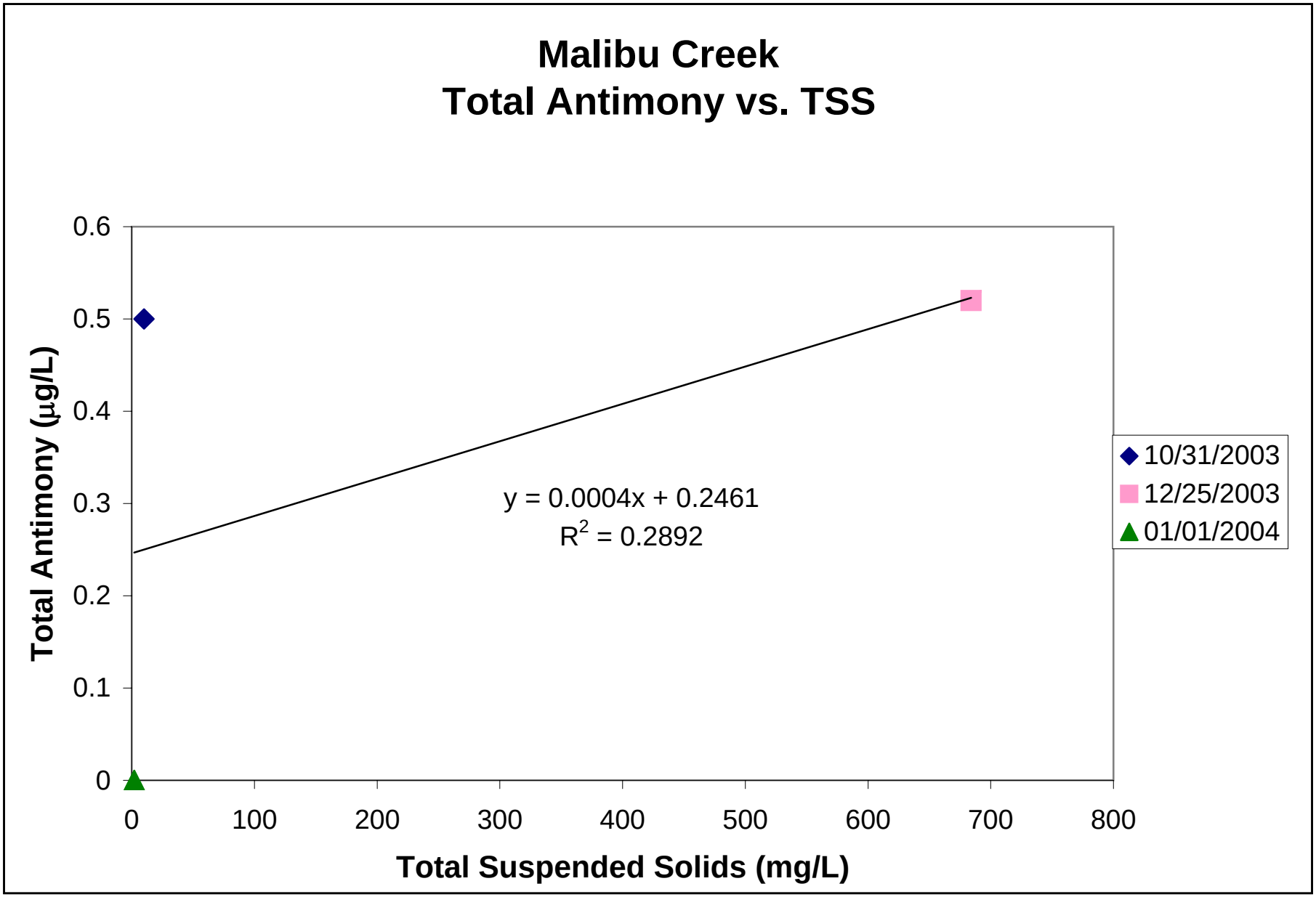
Ballona Creek
Dissolved Zinc vs. TSS

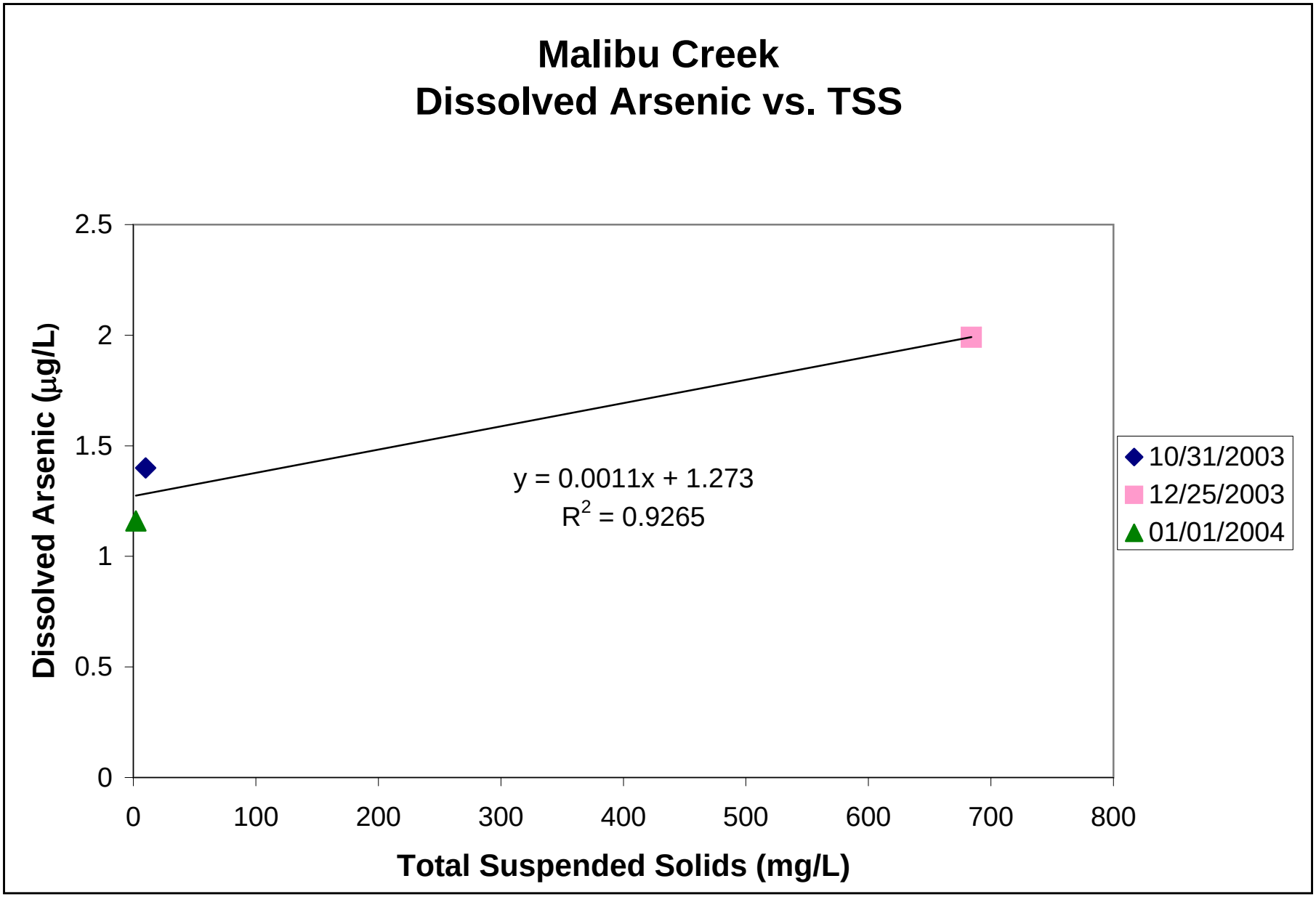


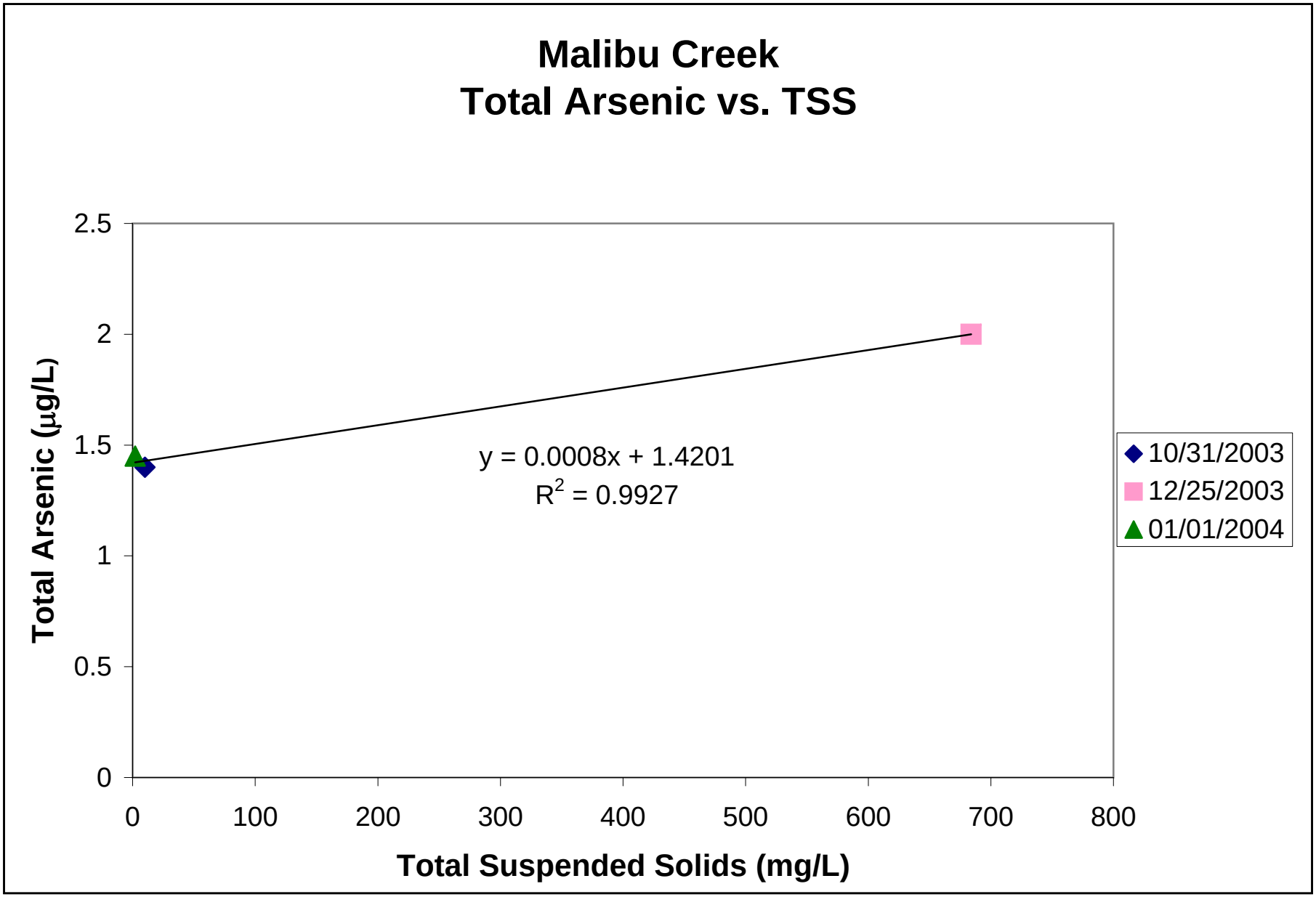

Ballona Creek
Total Zinc vs. TSS
y = 0.1122x + 69.88
R2 = 0.0765
Total Zinc (µg/L)
Total Suspended Solids (mg/L)
0
20
40
60
80
100
120
140
0
50
100
150
200
10/31/2003
12/25/2003
01/01/2004

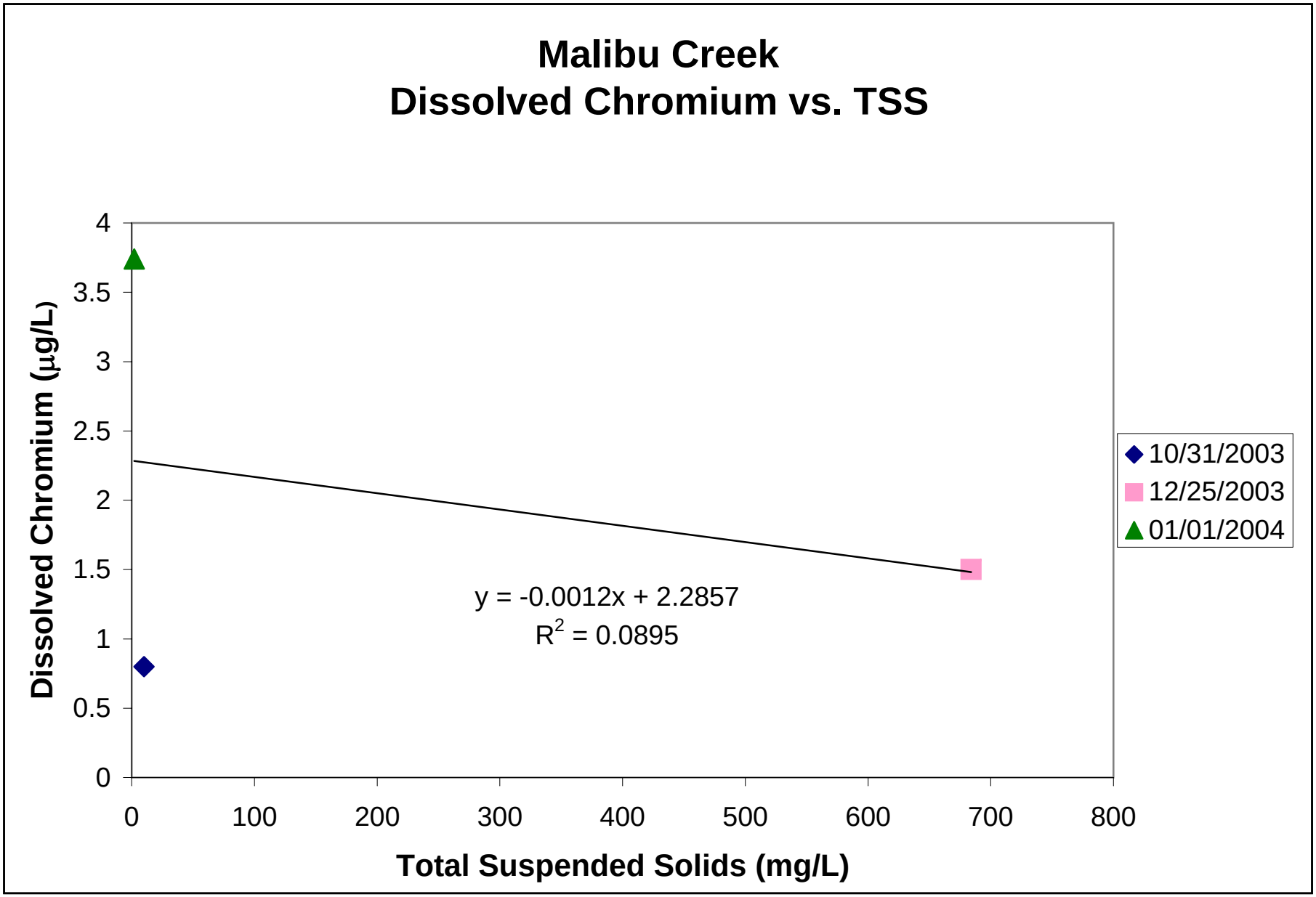

Malibu Creek
Total Aluminum vs. TSS
Total Aluminum (µg/L)
250
200
150
100
50
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = -0.1702x + 117.82
R2 = 0.2412
10/31/2003
12/25/2003
01/01/2004

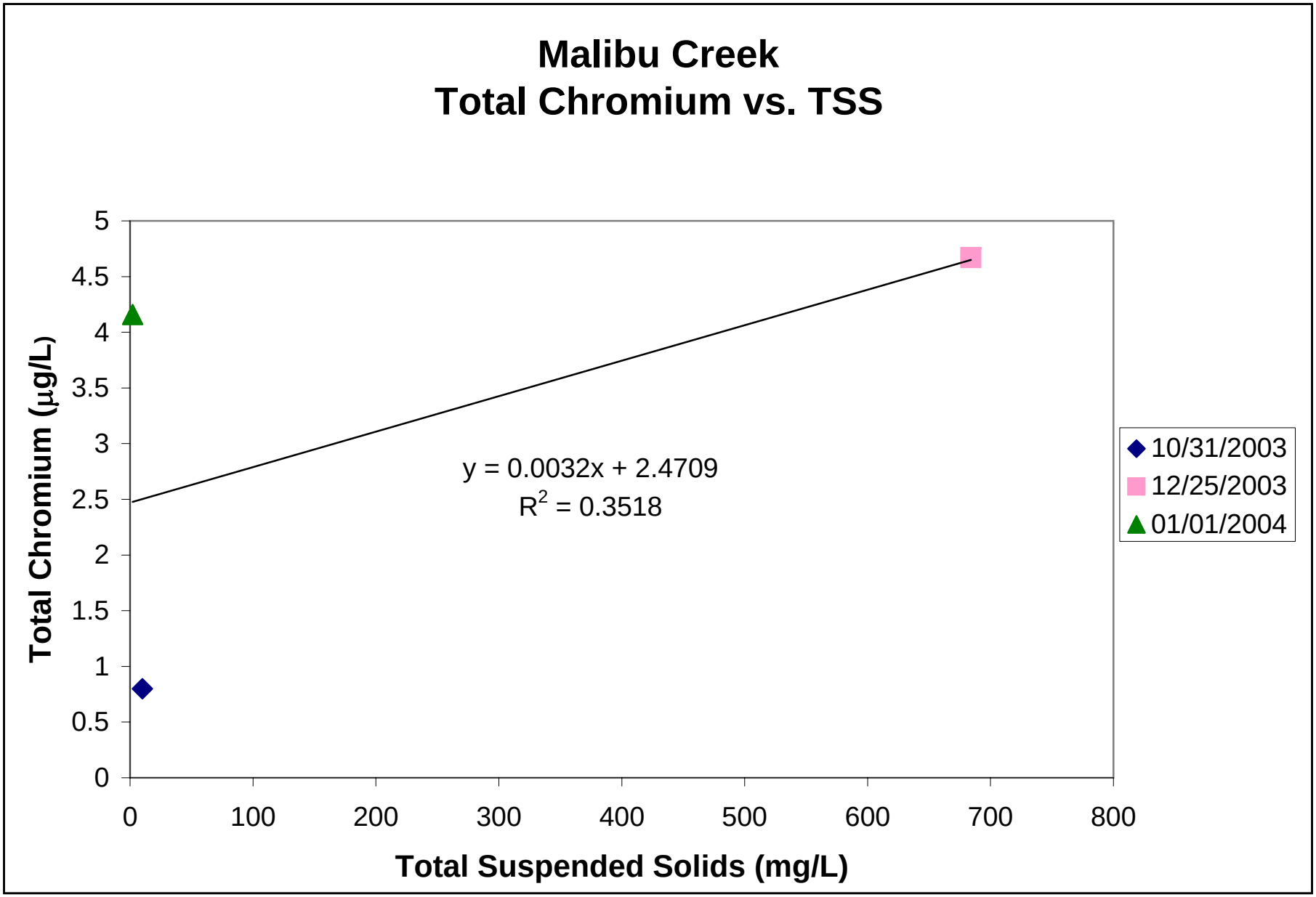

Malibu Creek
Dissolved Antimony vs. TSS
Dissolved Antimony (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
-0.1
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = 0.0008x - 0.0046
R2 = 0.9999
10/31/2003
12/25/2003
01/01/2004

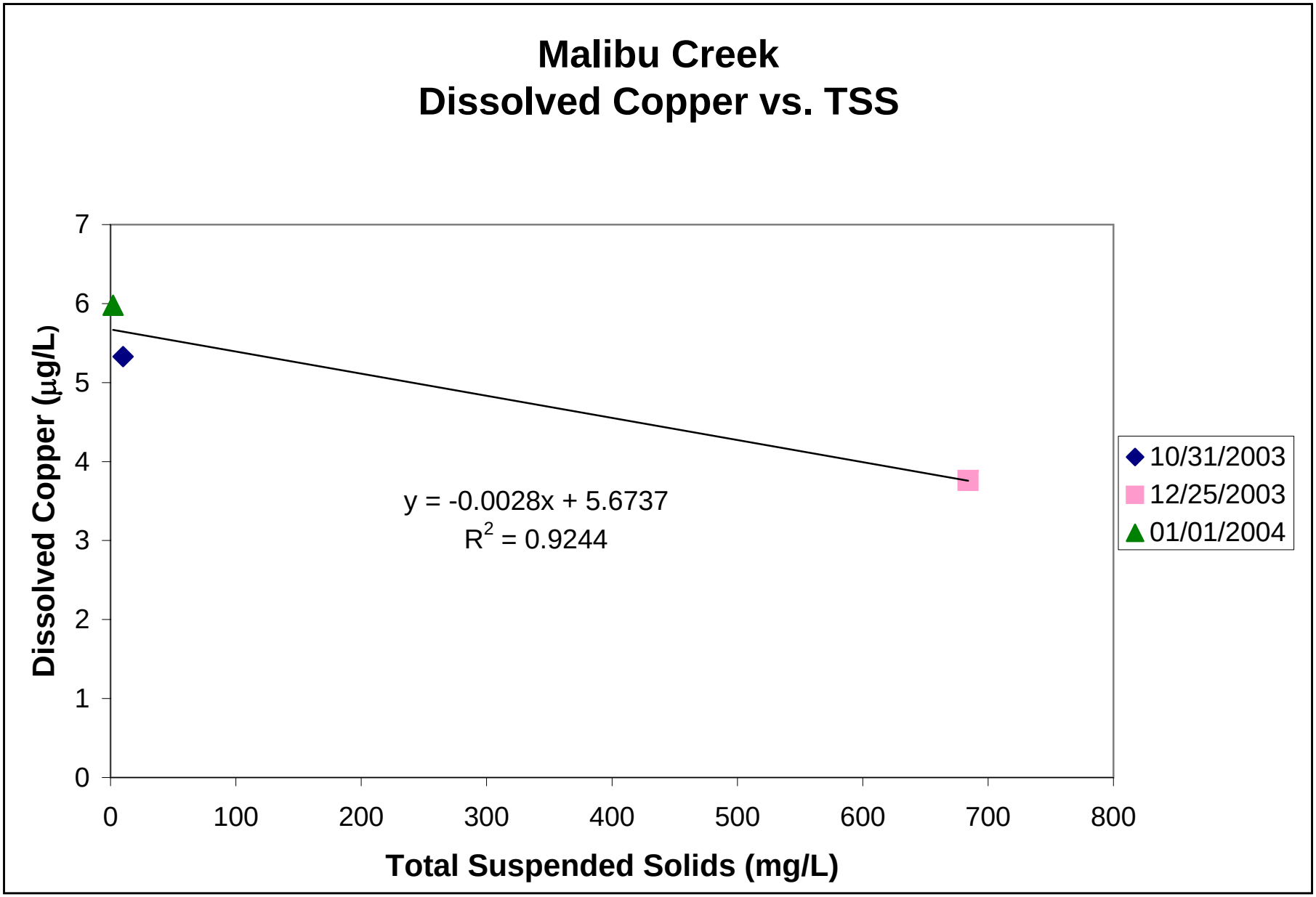

Malibu Creek
Total Antimony vs. TSS
Total Antimony (µg/L)
0.6
0.5
0.4
0.3
0.2
0.1
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = 0.0004x + 0.2461
R2 = 0.2892
10/31/2003
12/25/2003
01/01/2004

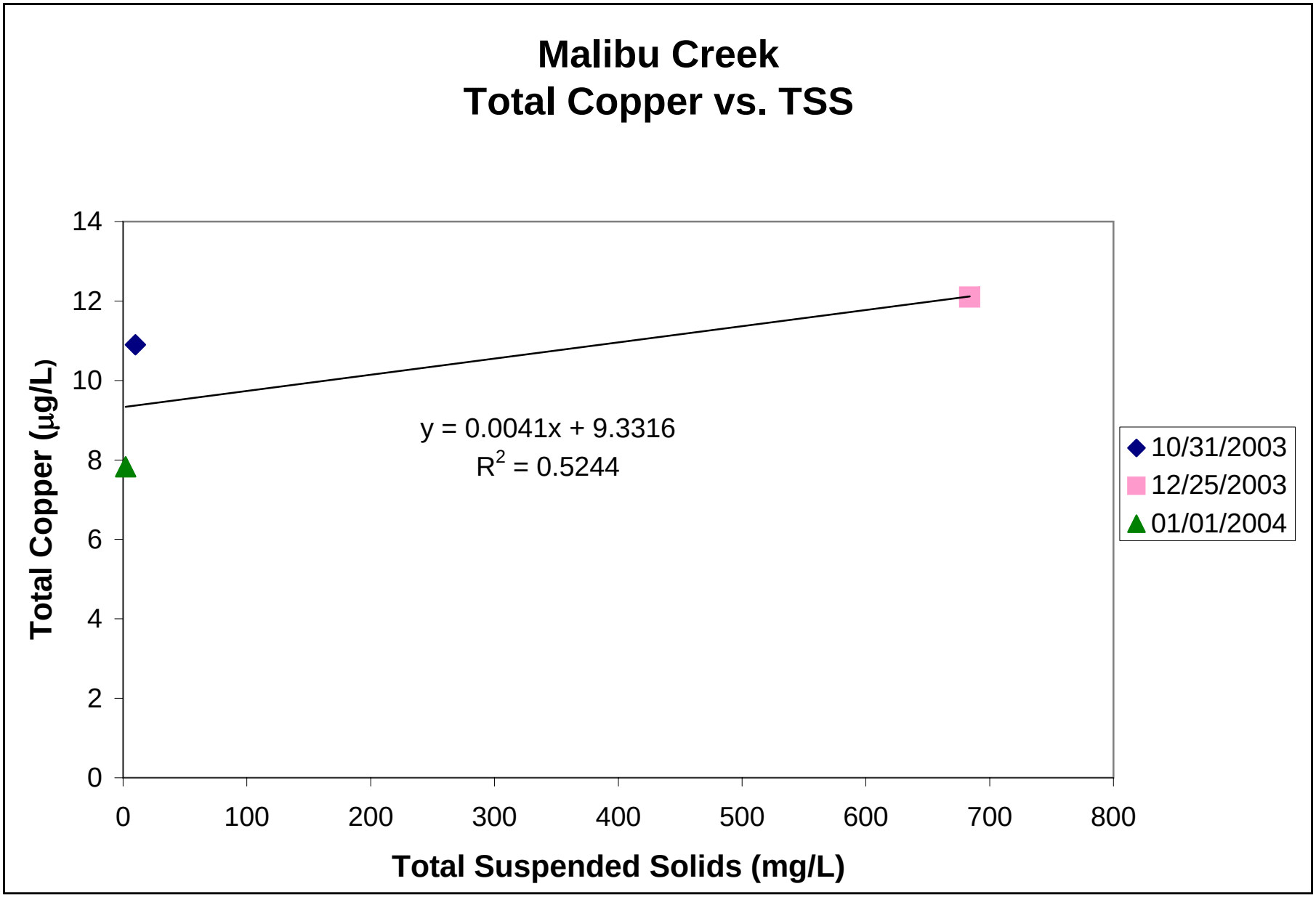

Malibu Creek
Dissolved Arsenic vs. TSS
Dissolved Arsenic (µg/L)
2.5
2
1.5
1
0.5
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = 0.0011x + 1.273
R2 = 0.9265
10/31/2003
12/25/2003
01/01/2004

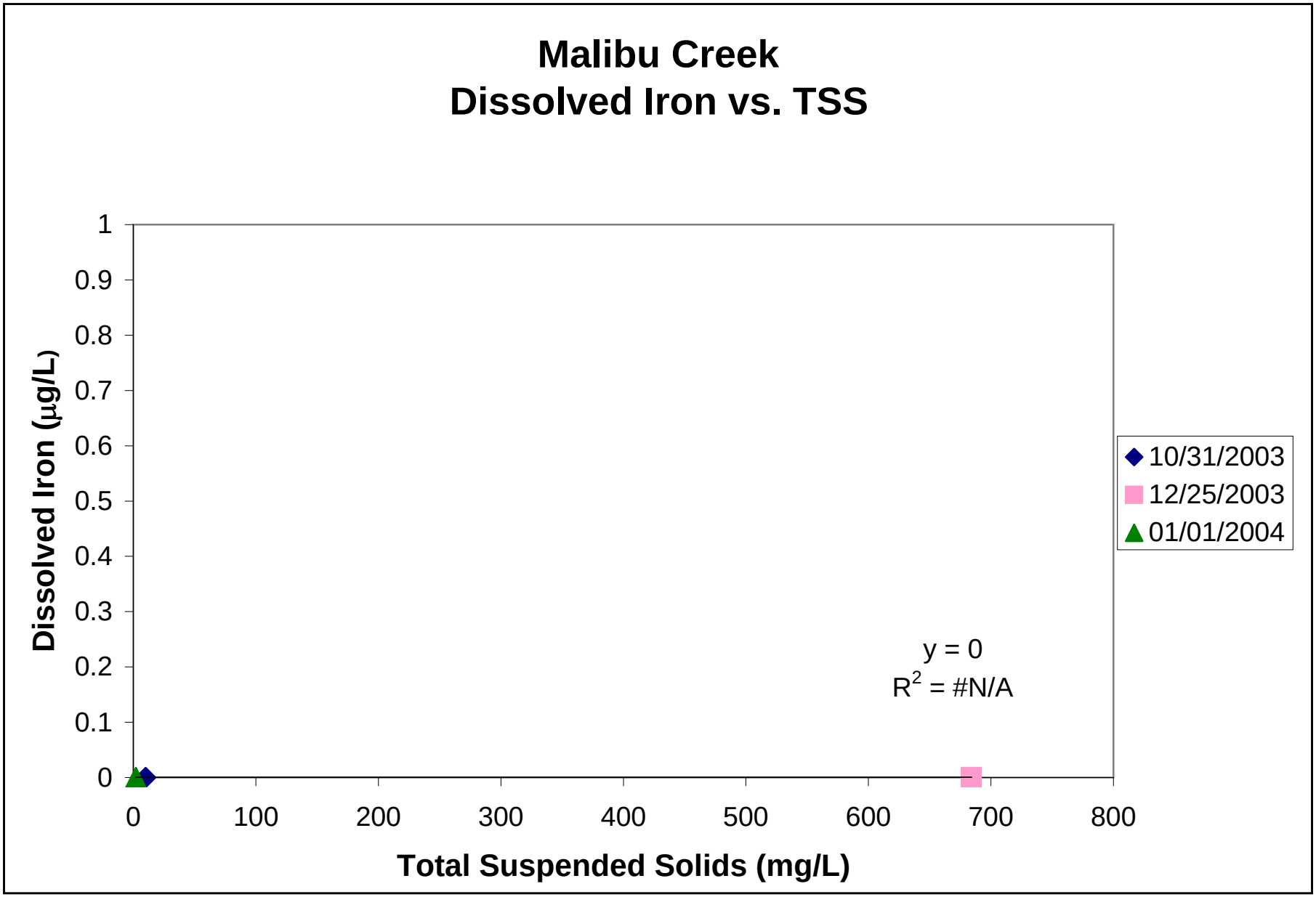

Malibu Creek
Total Arsenic vs. TSS
Total Arsenic (µg/L)
2.5
2
1.5
1
0.5
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = 0.0008x + 1.4201
R2 = 0.9927
10/31/2003
12/25/2003
01/01/2004

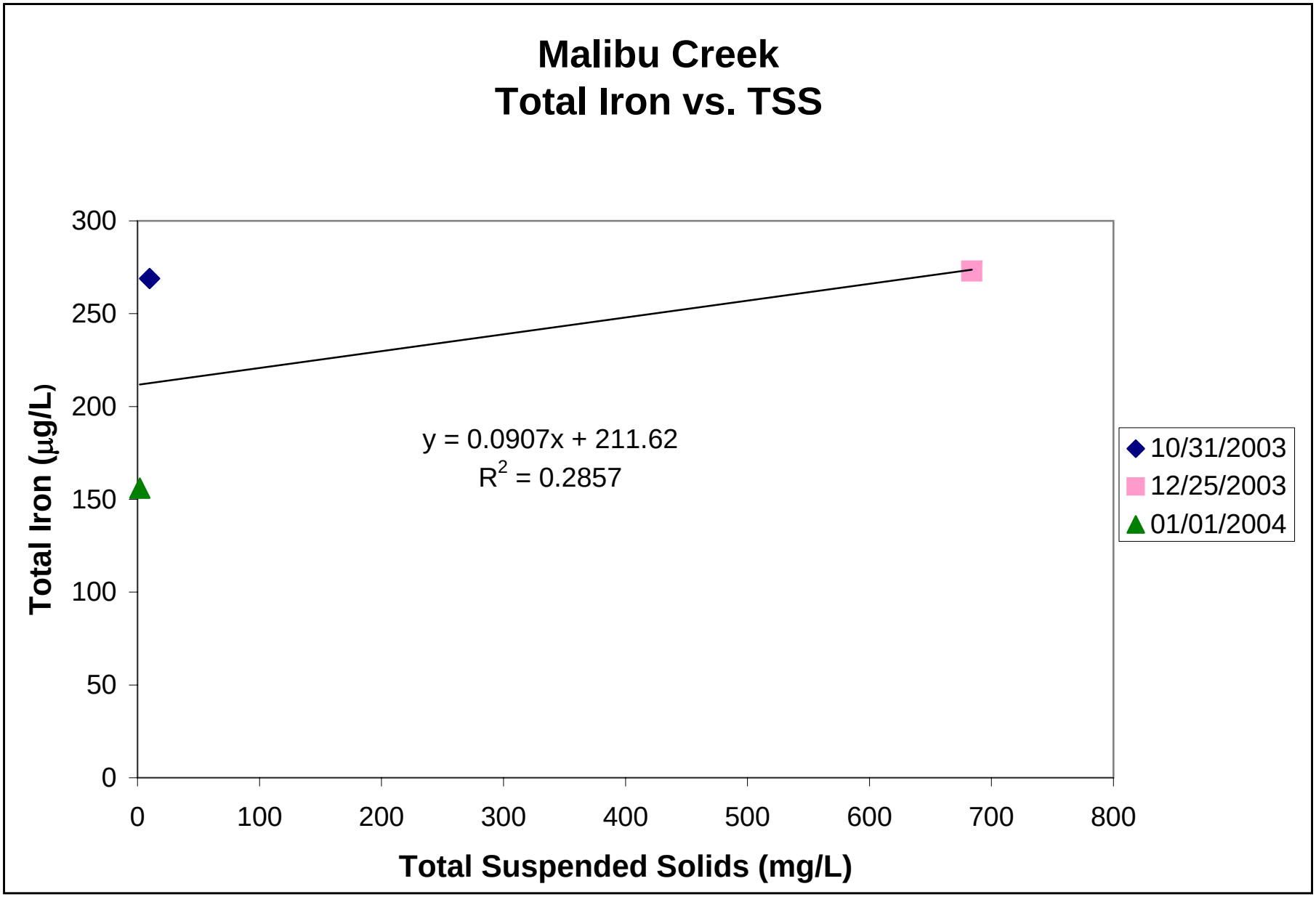

Malibu Creek
Dissolved Chromium vs. TSS
Dissolved Chromium (µg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = -0.0012x + 2.2857
R2 = 0.0895
10/31/2003
12/25/2003
01/01/2004


Malibu Creek
Total Chromium vs. TSS
Total Chromium (µg/L)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = 0.0032x + 2.4709
R2 = 0.3518
10/31/2003
12/25/2003
01/01/2004

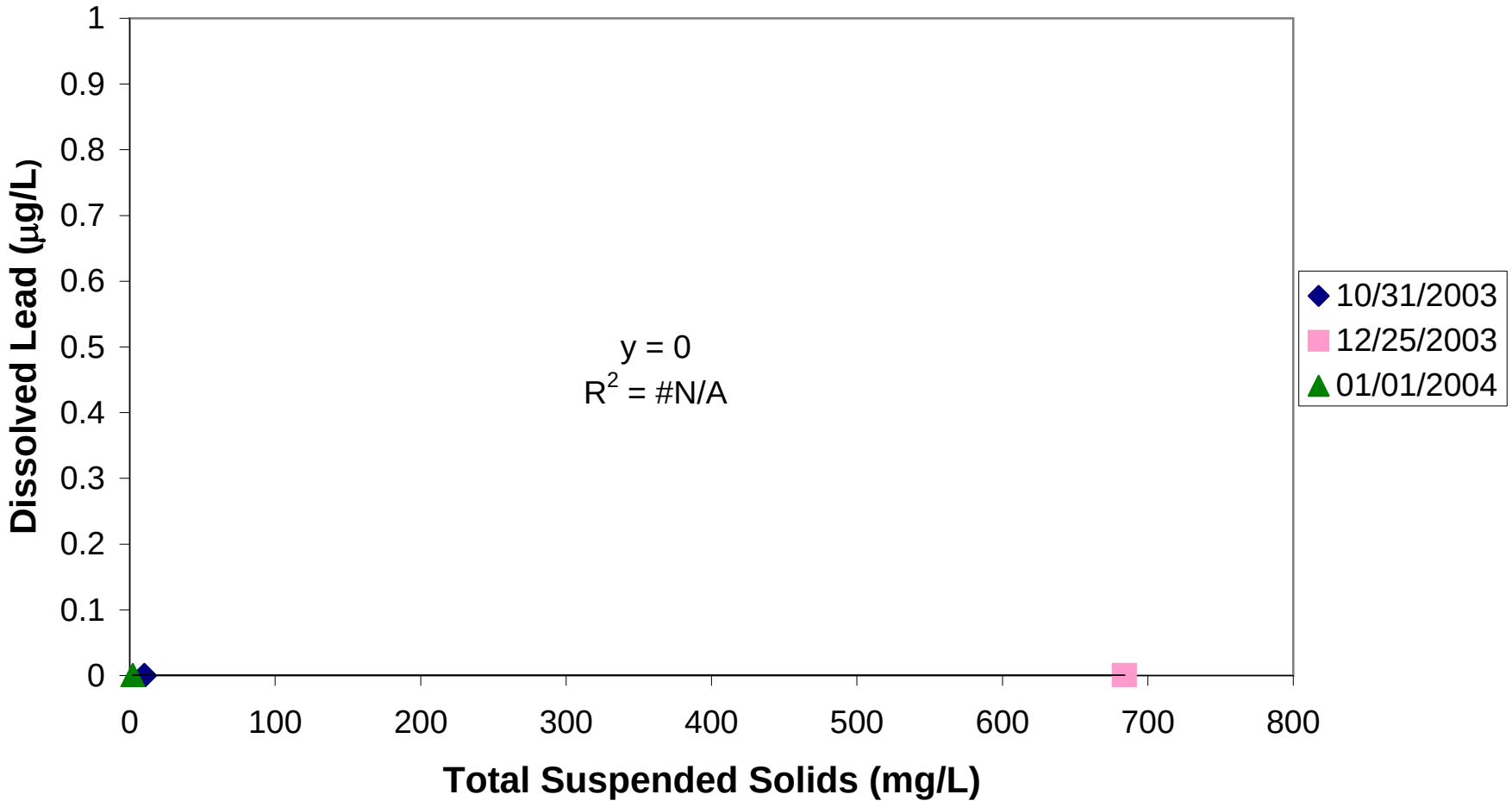

Malibu Creek
Dissolved Copper vs. TSS
Dissolved Copper (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
0
100
200
300
400
500
600
700
800
y = -0.0028x + 5.6737
R2 = 0.9244
10/31/2003
12/25/2003
01/01/2004

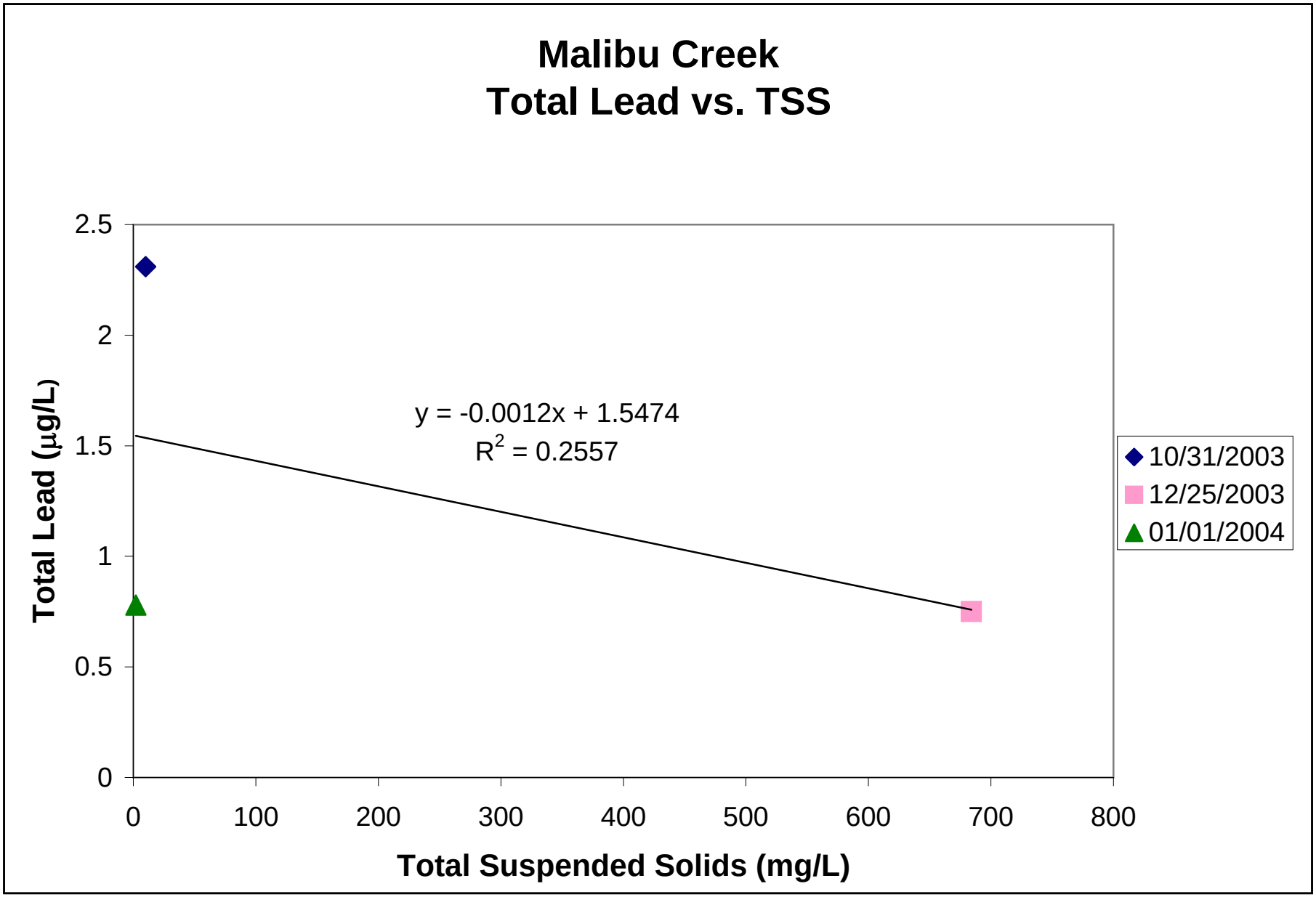

Malibu Creek
Total Copper vs. TSS
Total Copper (µg/L)
14
12
10
8
6
4
2
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = 0.0041x + 9.3316
R2 = 0.5244
10/31/2003
12/25/2003
01/01/2004

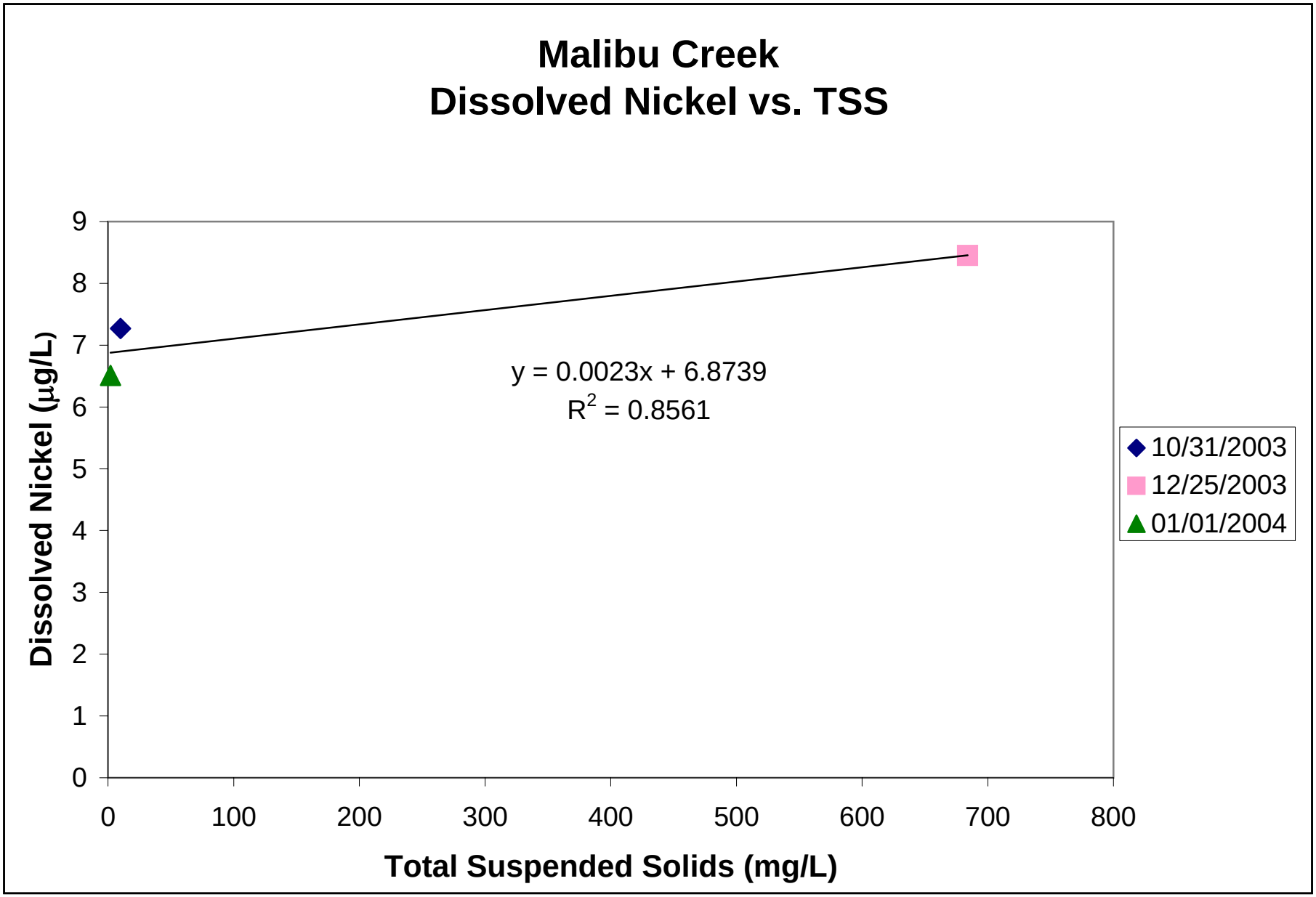

Malibu Creek
Dissolved Iron vs. TSS
Dissolved Iron (µg/L)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
10/31/2003
12/25/2003
01/01/2004
y = 0
R2 = #N/A

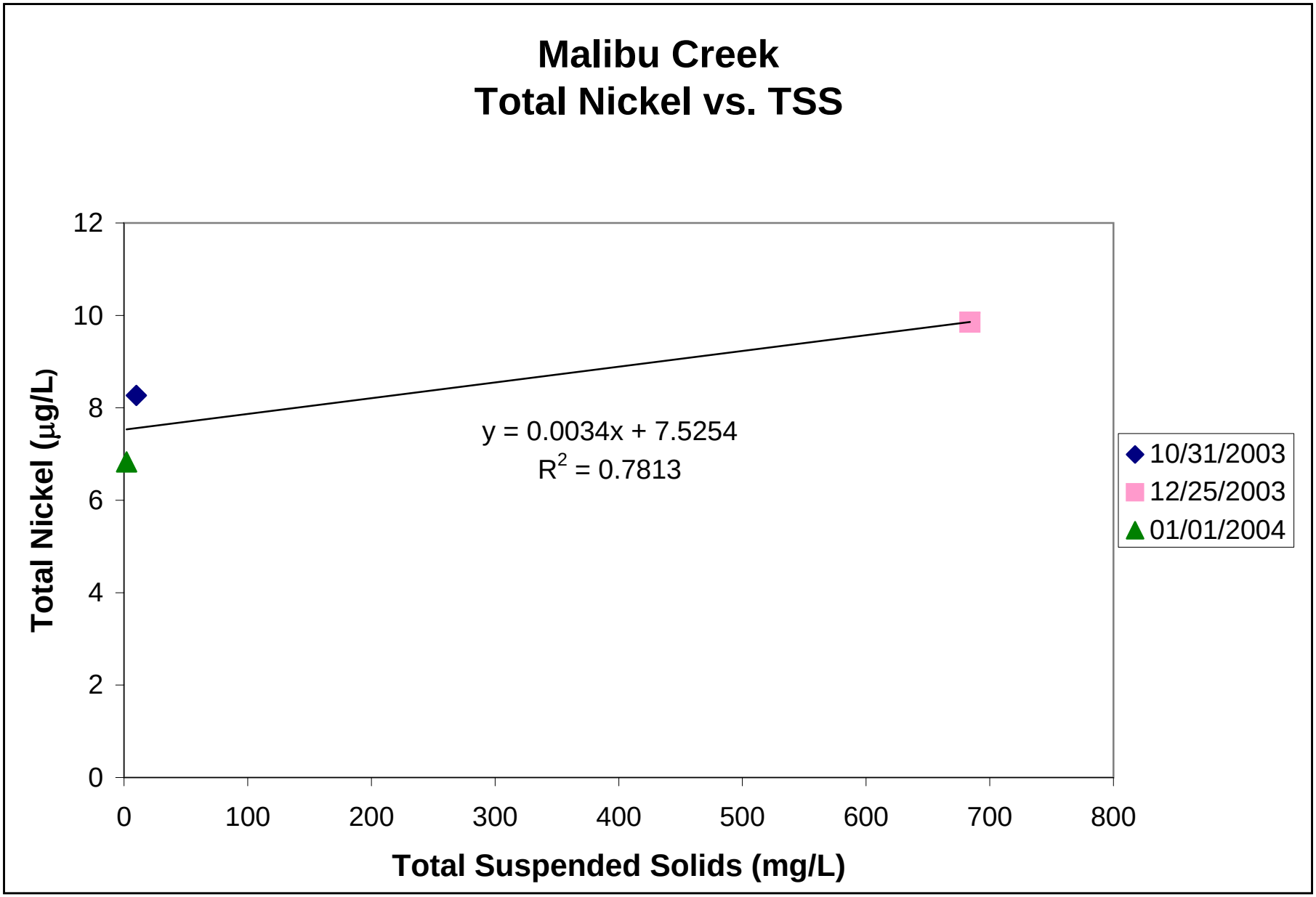

Malibu Creek
Total Iron vs. TSS
Total Iron (µg/L)
300
250
200
150
100
50
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = 0.0907x + 211.62
R2 = 0.2857
10/31/2003
12/25/2003
01/01/2004

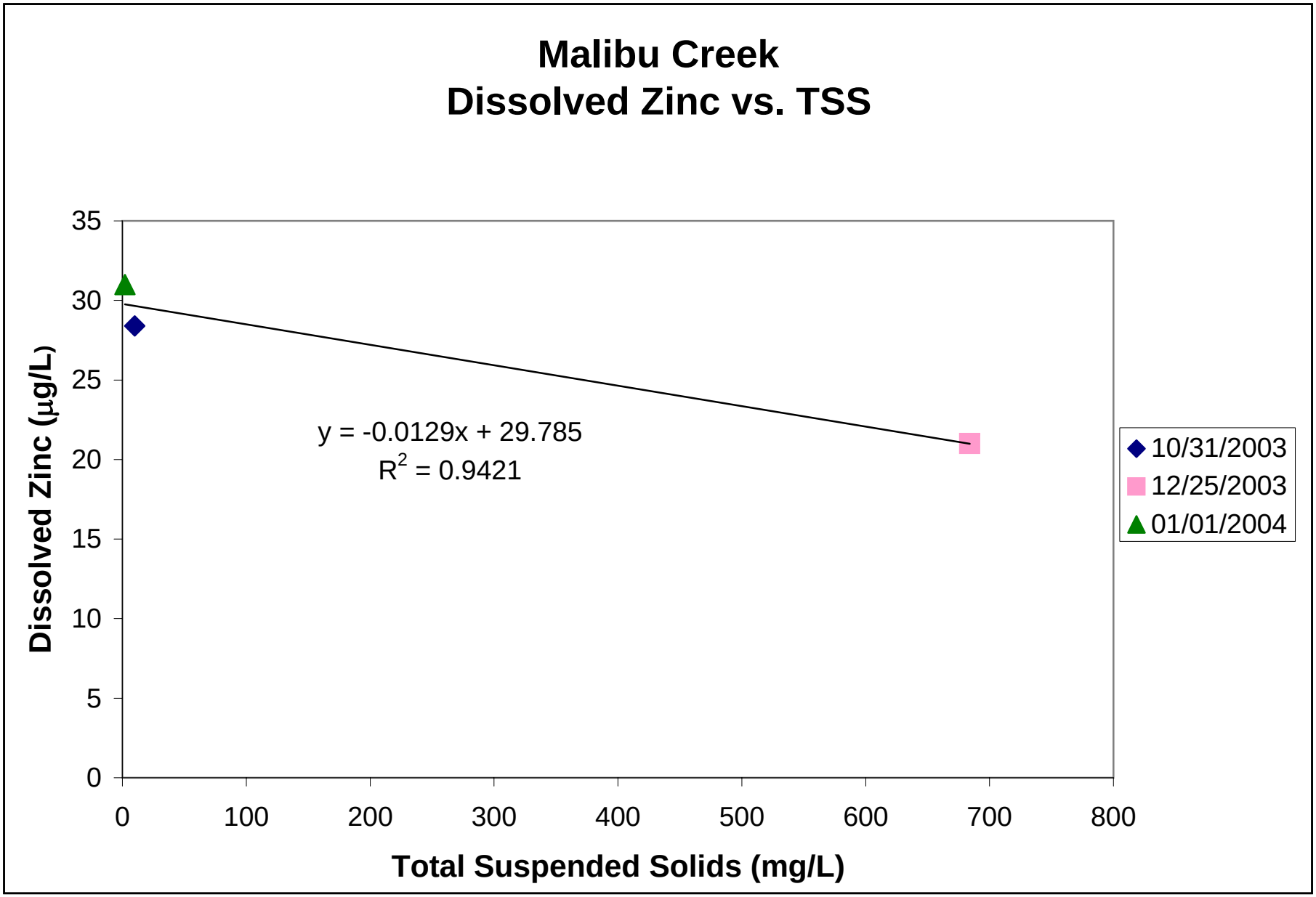
Malibu Creek
Dissolved Lead vs. TSS

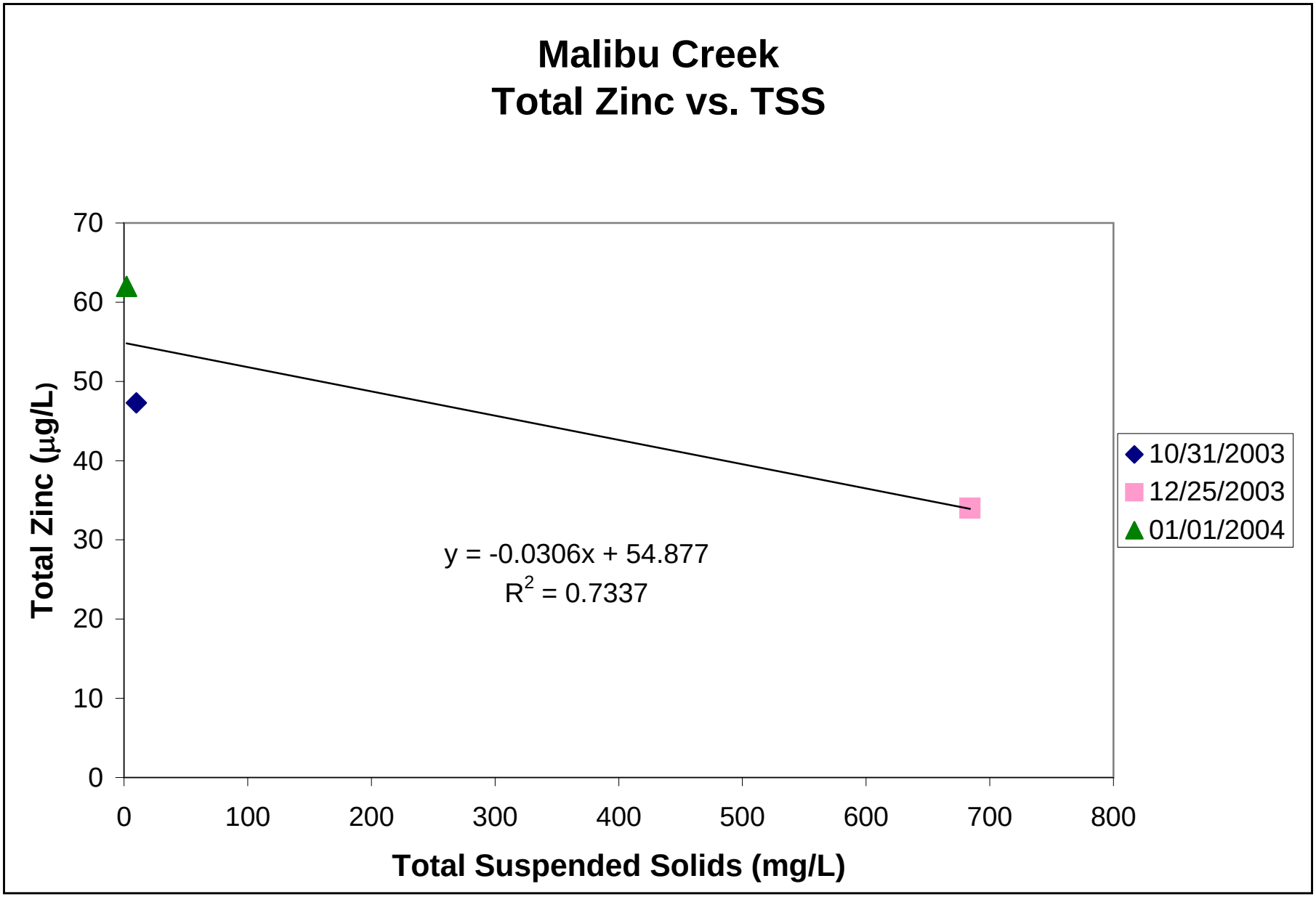


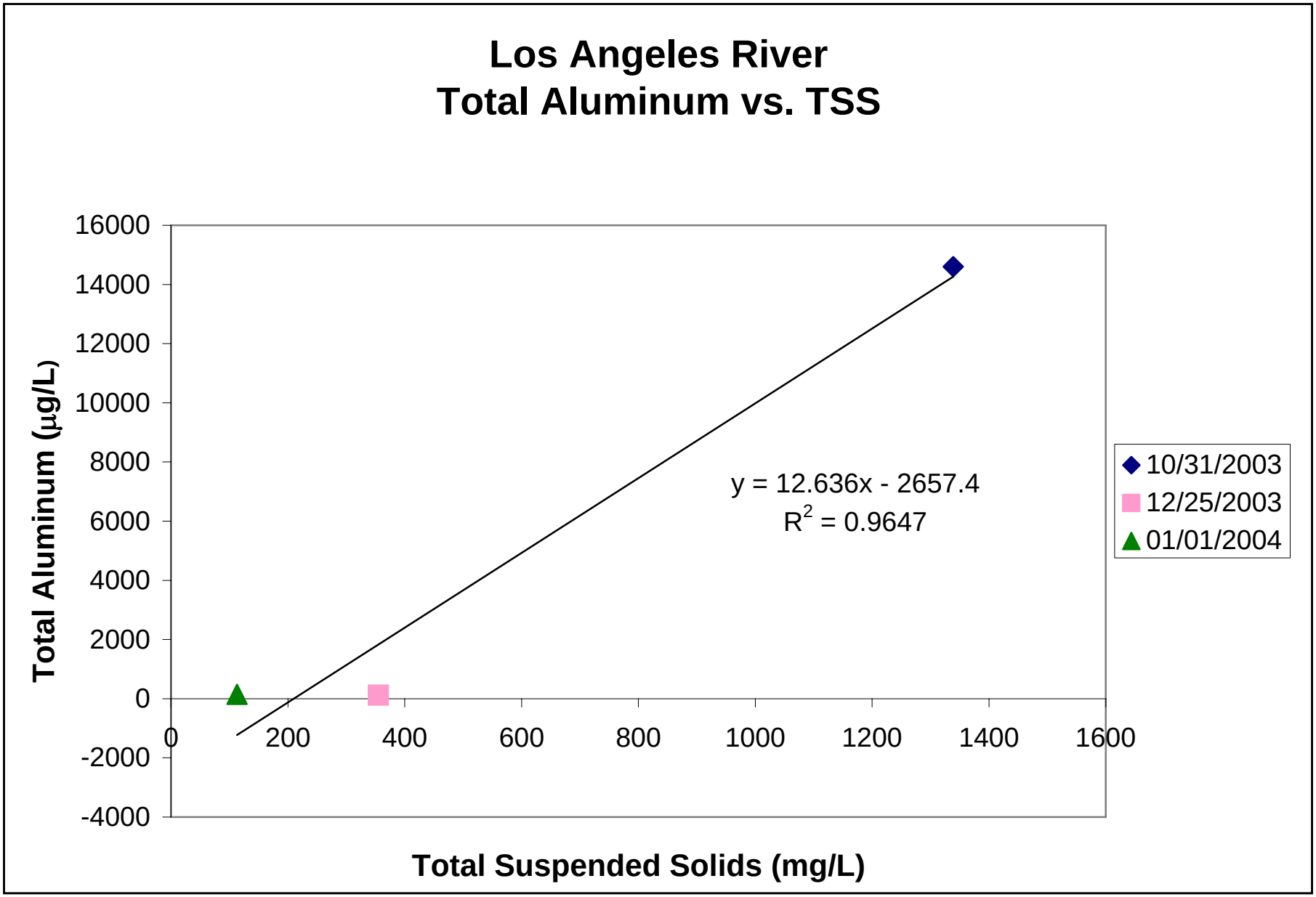

Malibu Creek
Total Lead vs. TSS
y = -0.0012x + 1.5474
R2 = 0.2557
Total Lead (µg/L)
Total Suspended Solids (mg/L)
2.5
2
1.5
1
0.5
0
0
100
200
300
400
500
600
700
800
10/31/2003
12/25/2003
01/01/2004

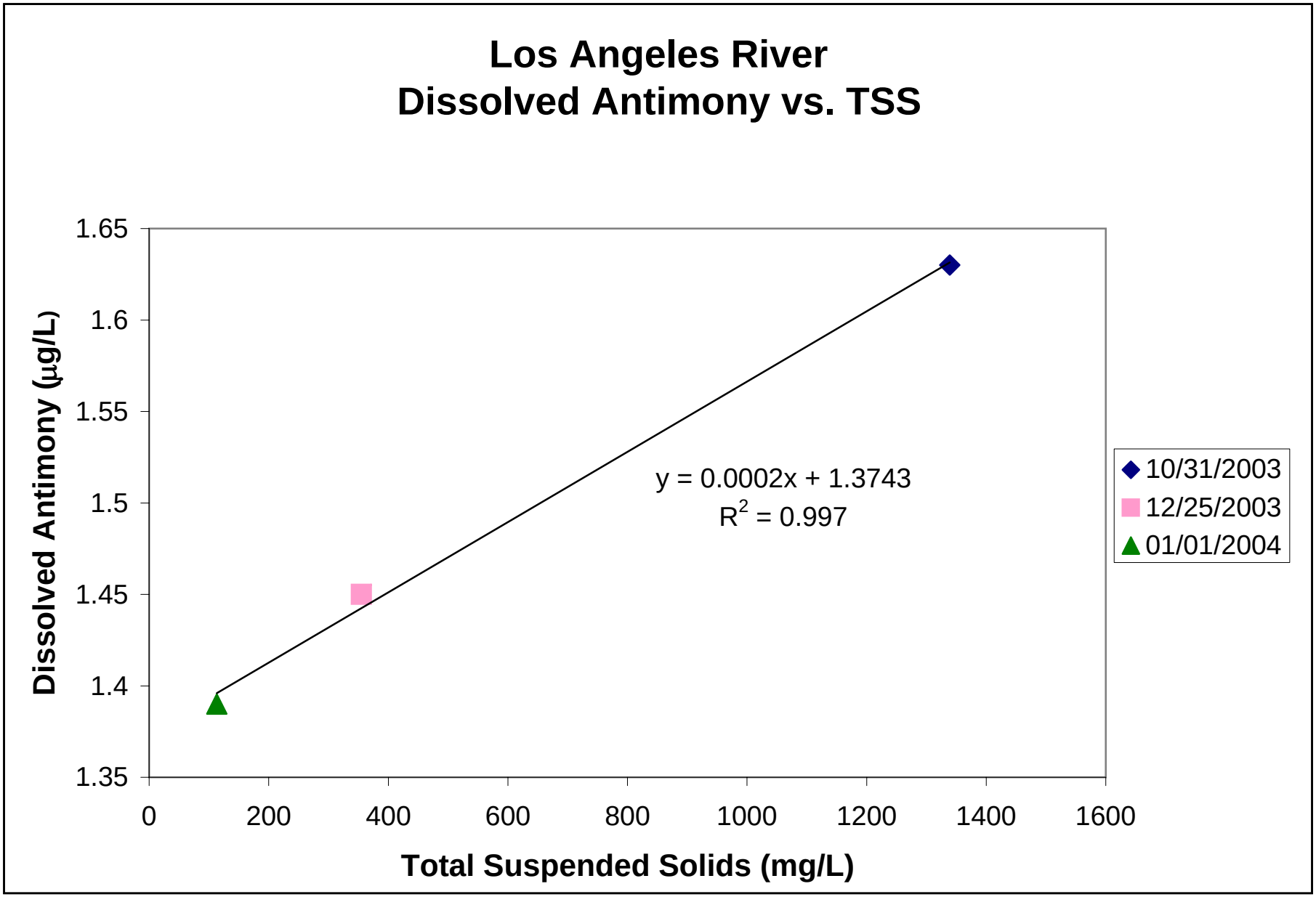

Malibu Creek
Dissolved Nickel vs. TSS
Dissolved Nickel (µg/L)
Total Suspended Solids (mg/L)
y = 0.0023x + 6.8739
R2 = 0.8561
10/31/2003
12/25/2003
01/01/2004
0
1
2
3
4
5
6
7
8
9
0
100
200
300
400
500
600
700
800

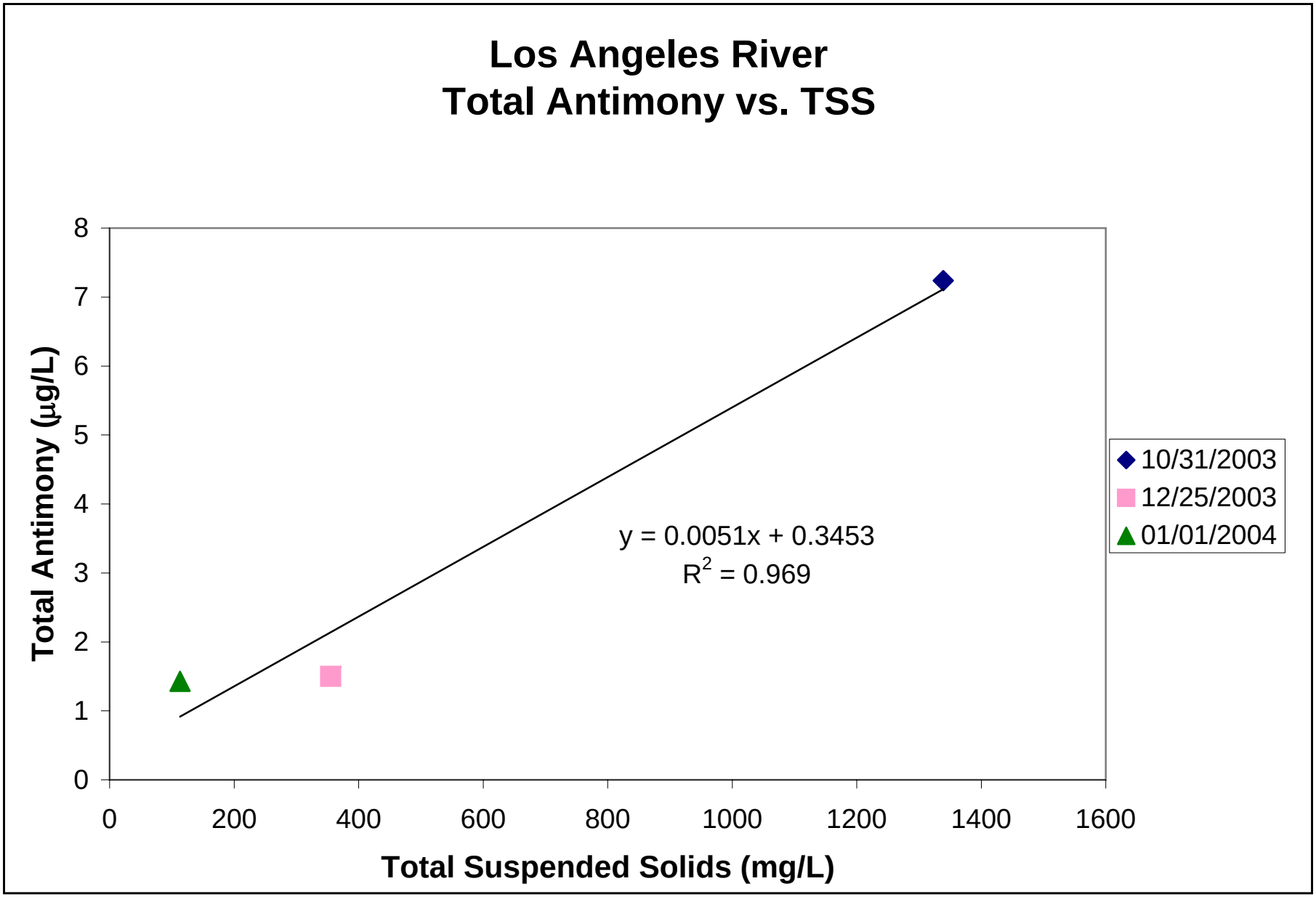

Malibu Creek
Total Nickel vs. TSS
Total Nickel (µg/L)
Total Suspended Solids (mg/L)
y = 0.0034x + 7.5254
R2 = 0.7813
10/31/2003
12/25/2003
01/01/2004
0
2
4
6
8
10
12
0
100
200
300
400
500
600
700
800

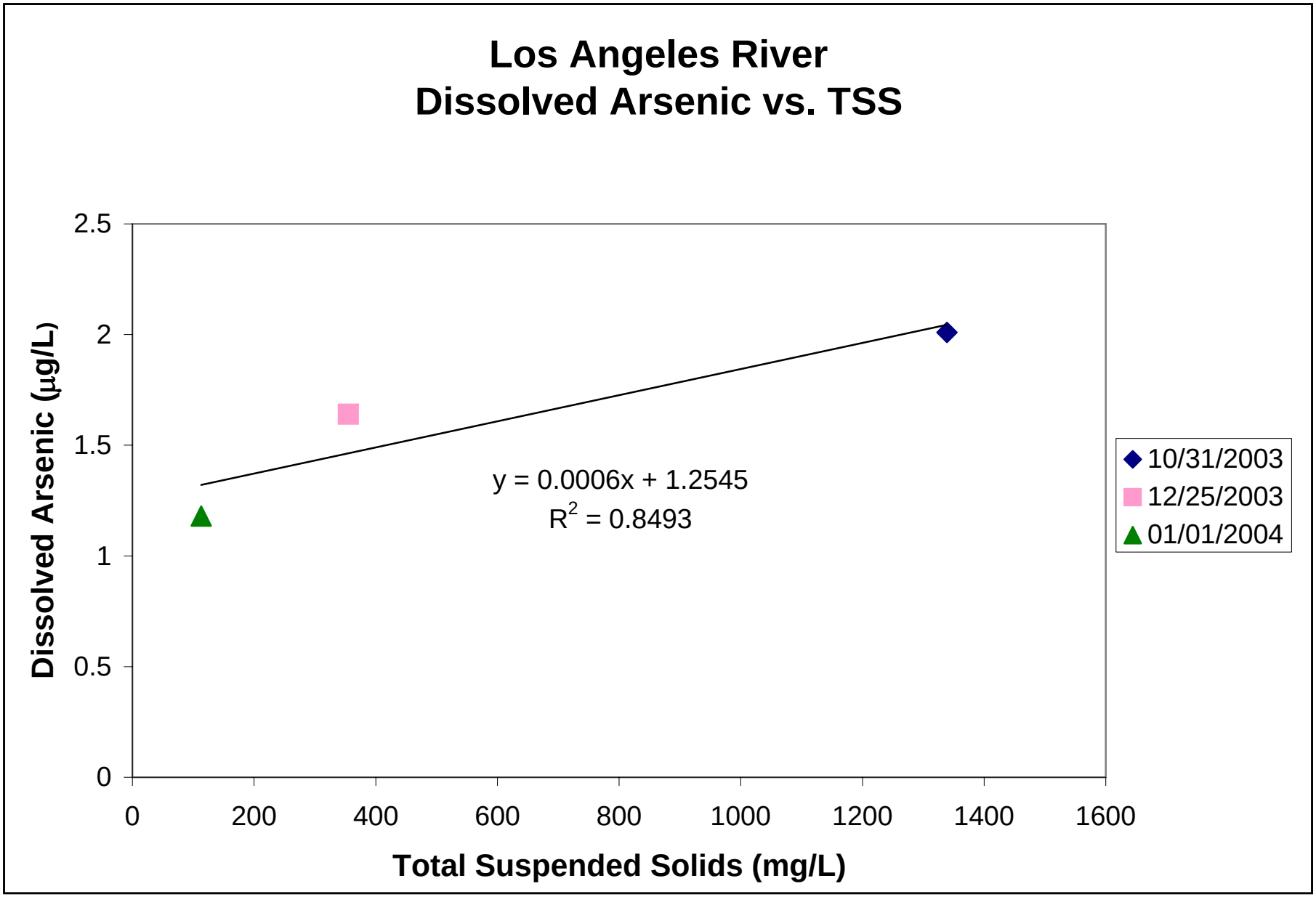

Malibu Creek
Dissolved Zinc vs. TSS
Dissolved Zinc (µg/L)
35
30
25
20
15
10
5
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = -0.0129x + 29.785
R2 = 0.9421
10/31/2003
12/25/2003
01/01/2004

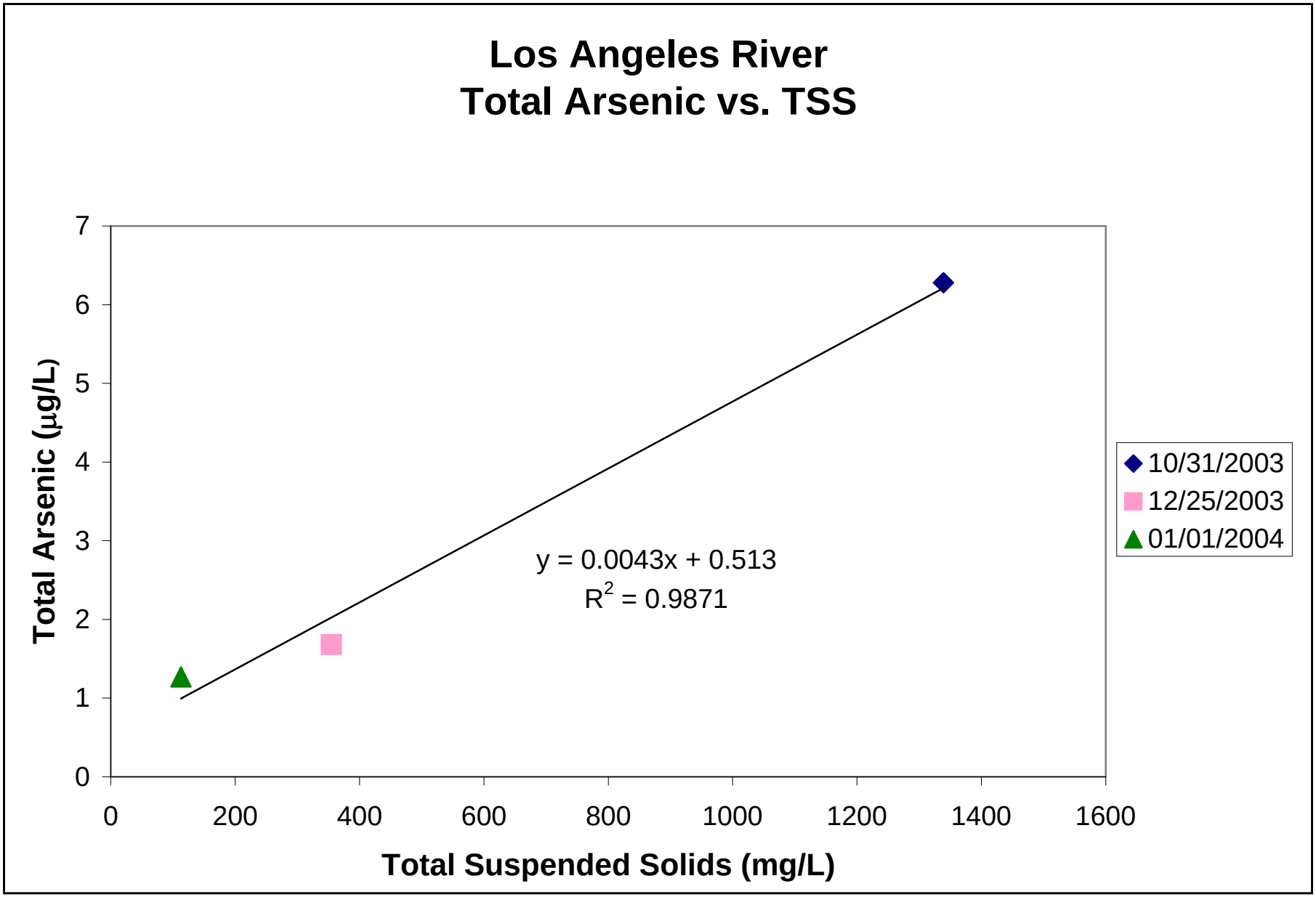

Malibu Creek
Total Zinc vs. TSS
Total Zinc (µg/L)
70
60
50
40
30
20
10
0
0
100
200
300
400
500
600
700
800
Total Suspended Solids (mg/L)
y = -0.0306x + 54.877
R2 = 0.7337
10/31/2003
12/25/2003
01/01/2004

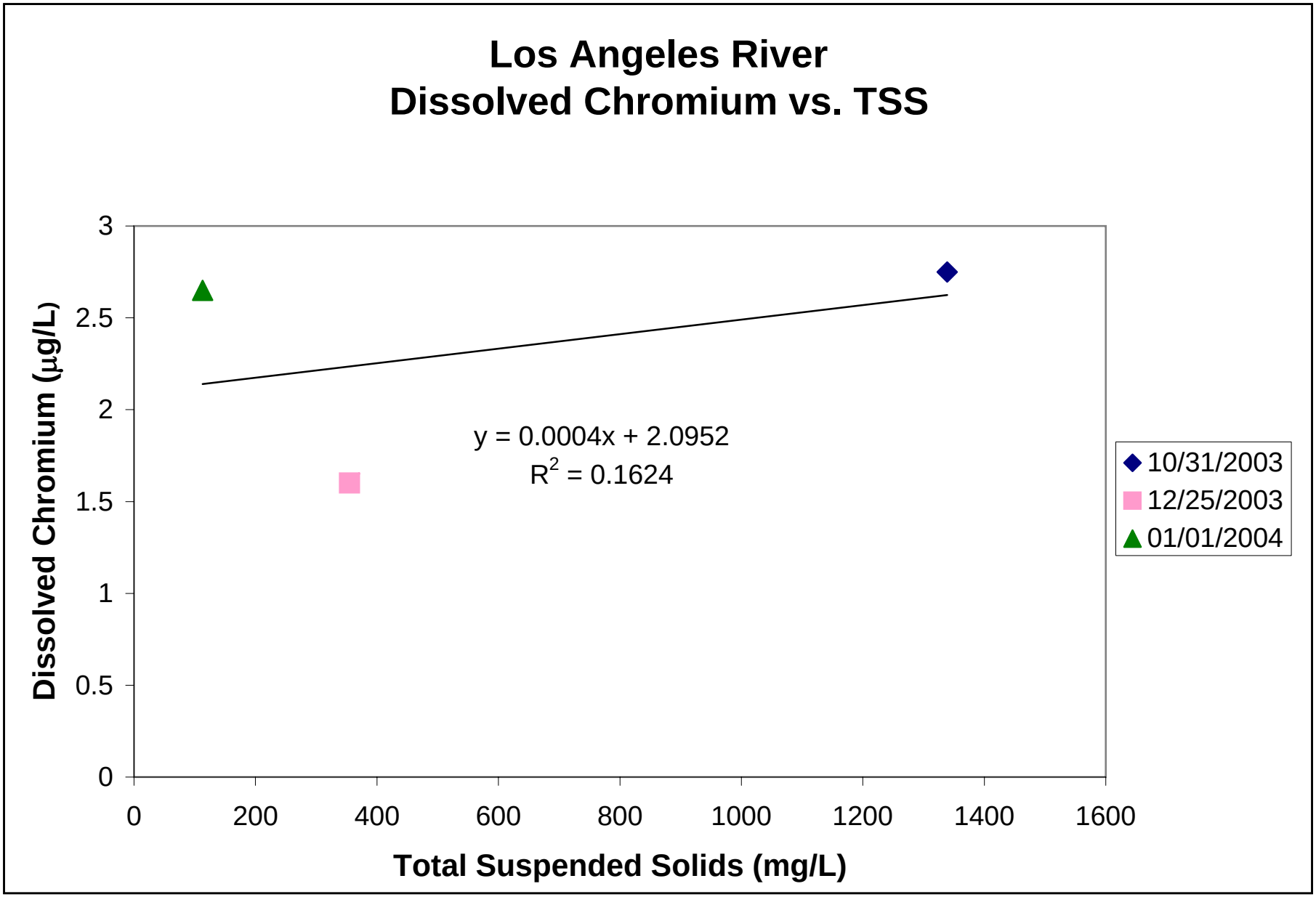

Los Angeles River
Total Aluminum vs. TSS
Total Aluminum (µg/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
-2000
-4000
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 12.636x - 2657.4
R2 = 0.9647
10/31/2003
12/25/2003
01/01/2004

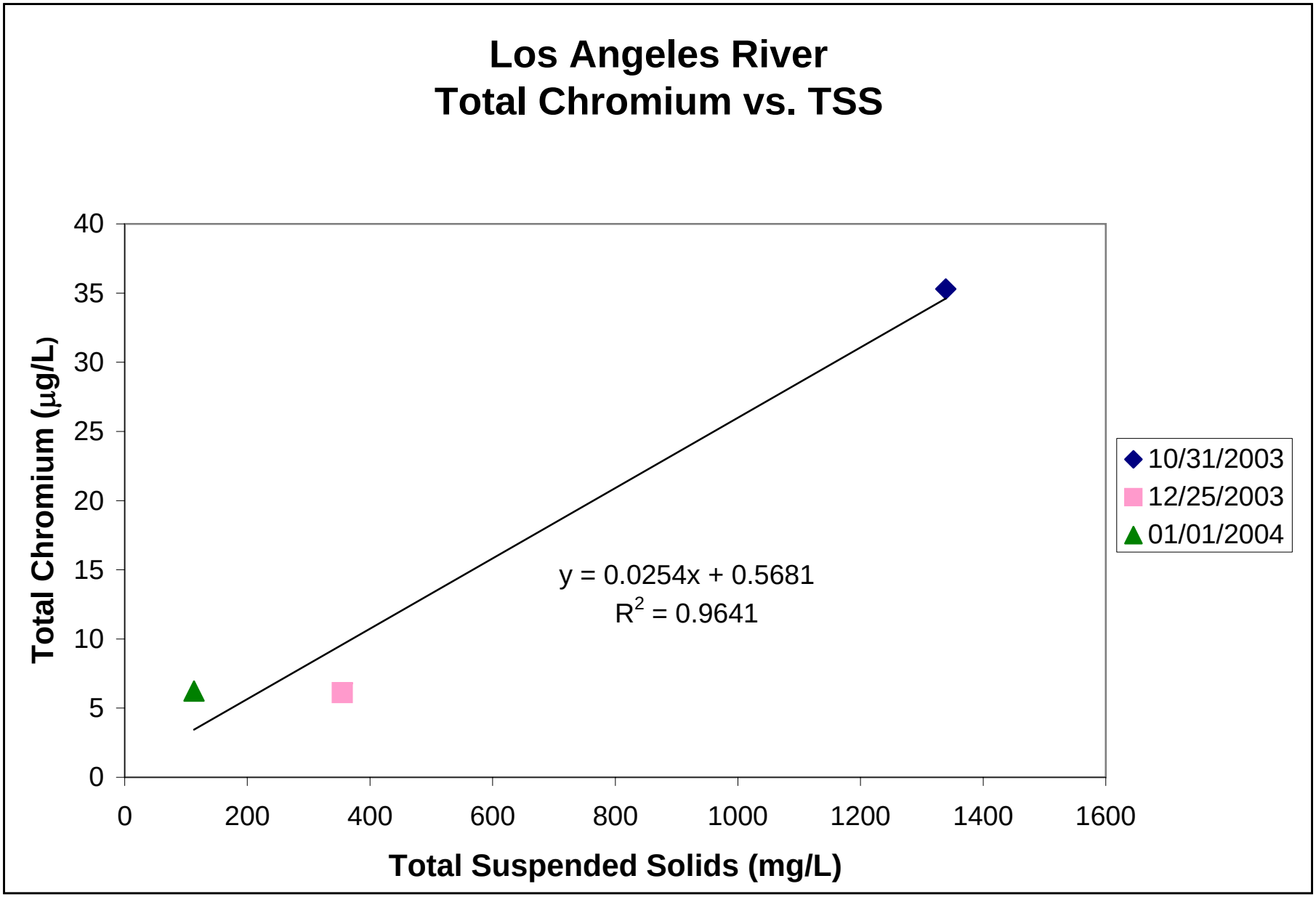

Los Angeles River
Dissolved Antimony vs. TSS
Dissolved Antimony (µg/L)
1.65
1.6
1.55
1.5
1.45
1.4
1.35
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.0002x + 1.3743
R2 = 0.997
10/31/2003
12/25/2003
01/01/2004

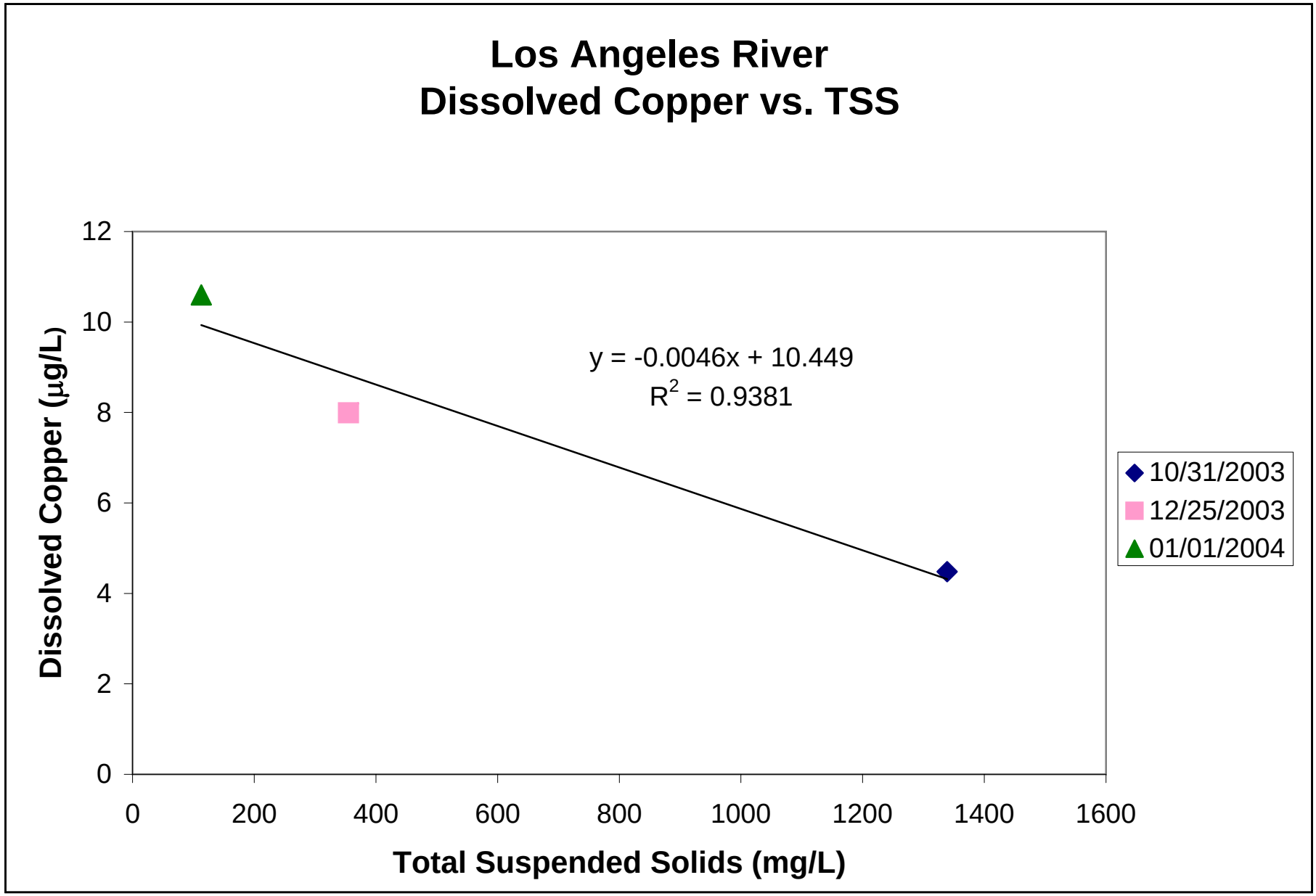

Los Angeles River
Total Antimony vs. TSS
Total Antimony (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
8
0
200
400
600
800
1000
1200
1400
1600
y = 0.0051x + 0.3453
R2 = 0.969
10/31/2003
12/25/2003
01/01/2004

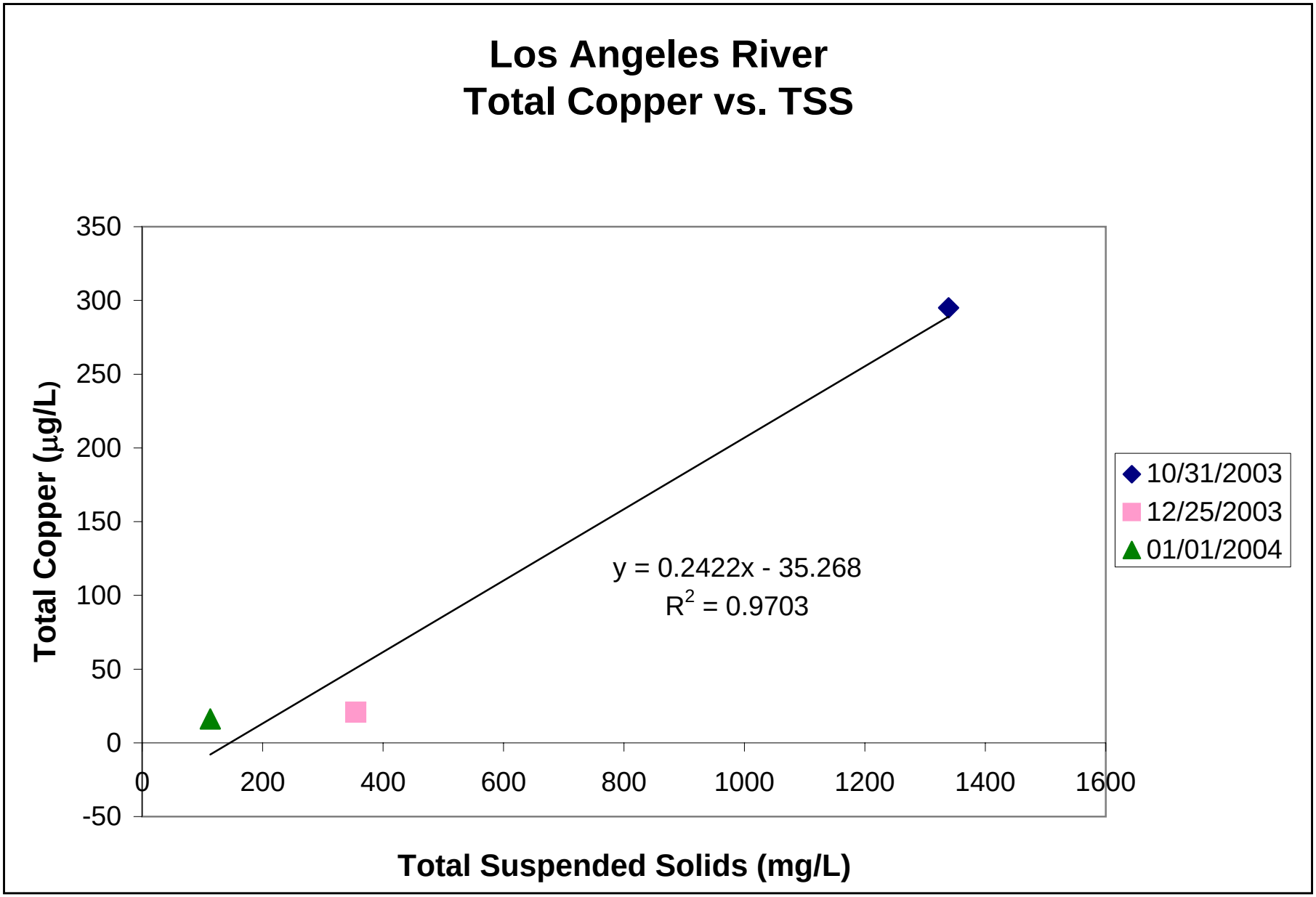

Los Angeles River
Dissolved Arsenic vs. TSS
Dissolved Arsenic (µg/L)
2.5
2
1.5
1
0.5
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.0006x + 1.2545
R2 = 0.8493
10/31/2003
12/25/2003
01/01/2004

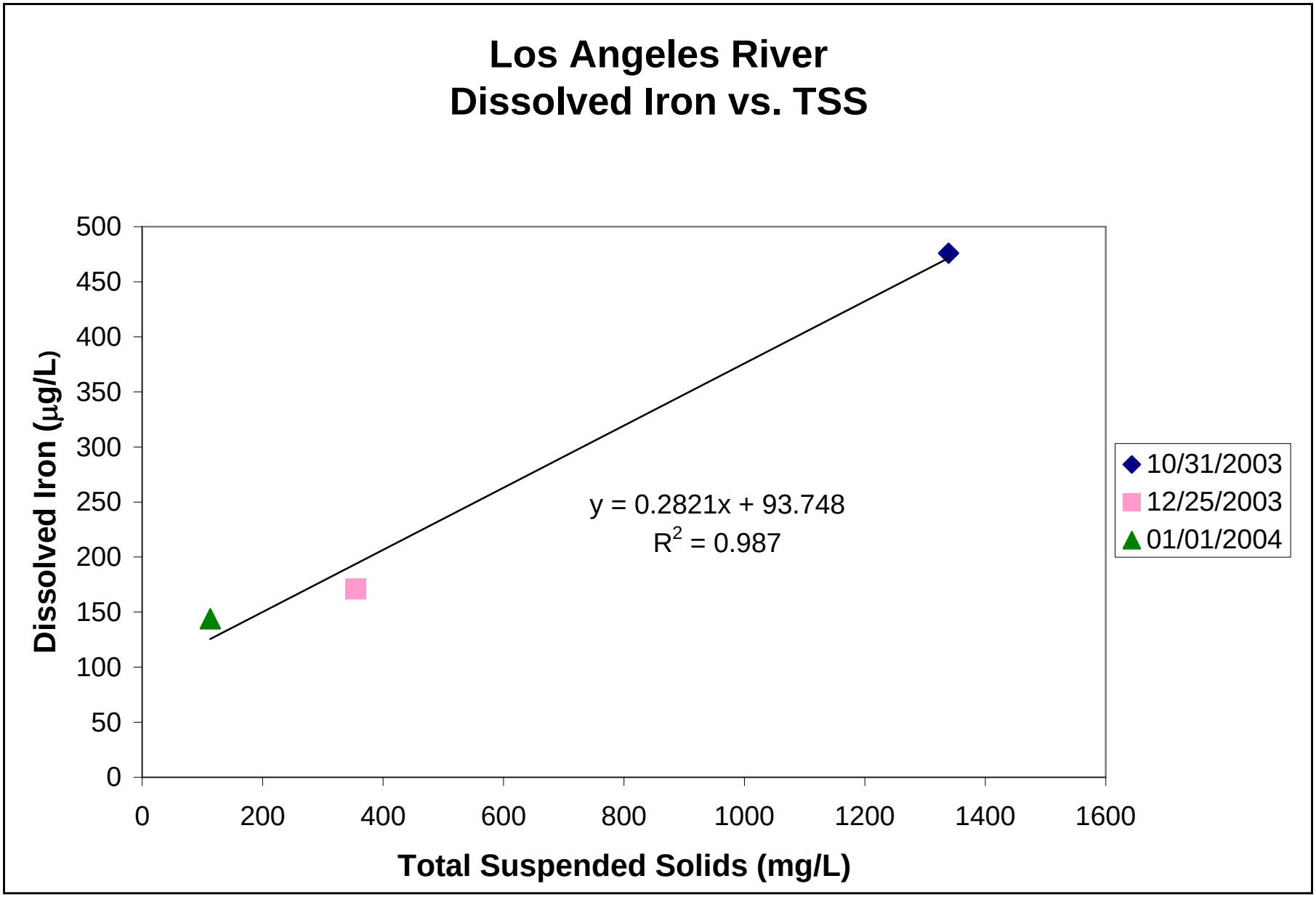

Los Angeles River
Total Arsenic vs. TSS
Total Arsenic (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
0
200
400
600
800
1000
1200
1400
1600
y = 0.0043x + 0.513
R2 = 0.9871
10/31/2003
12/25/2003
01/01/2004

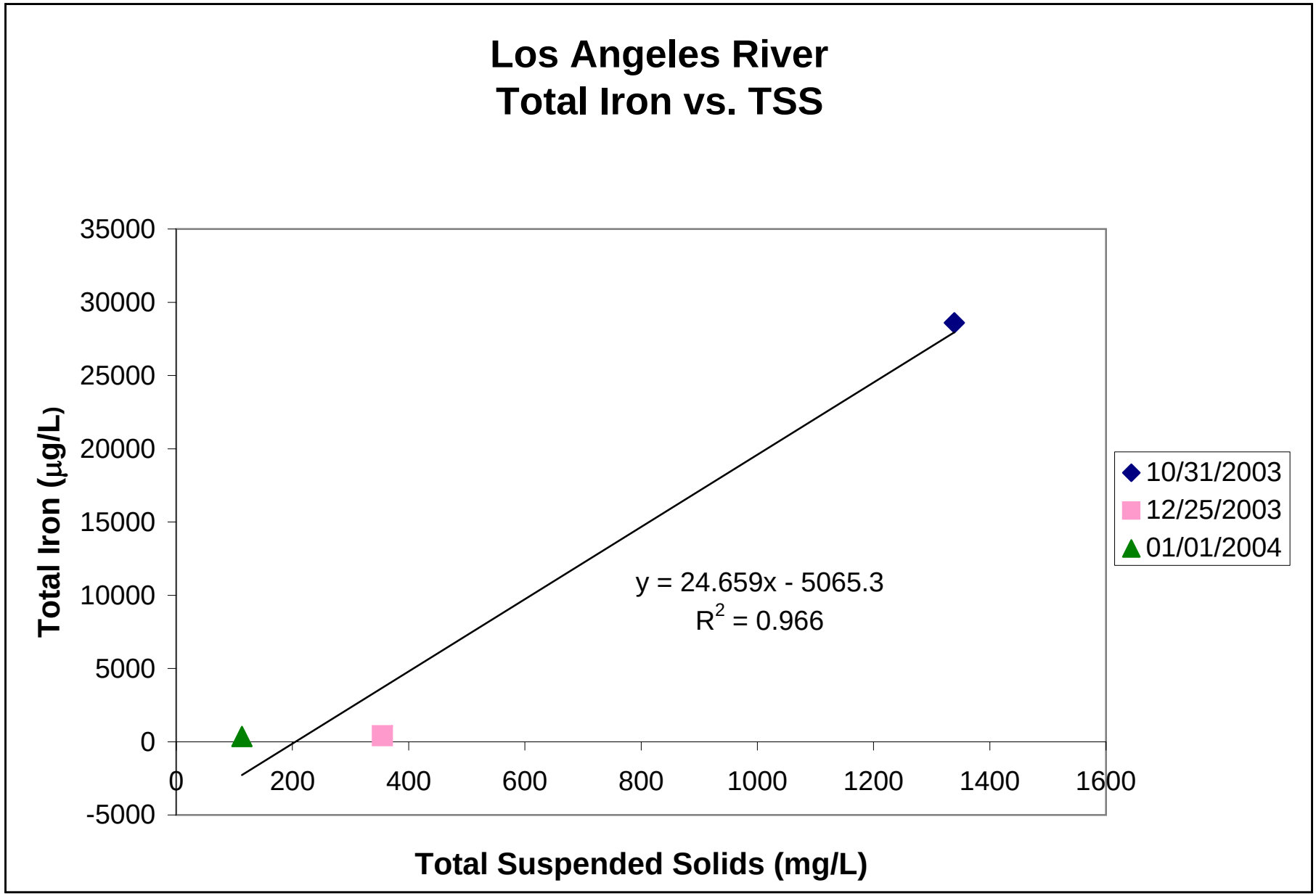

Los Angeles River
Dissolved Chromium vs. TSS
Dissolved Chromium (µg/L)
3
2.5
2
1.5
1
0.5
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.0004x + 2.0952
R2 = 0.1624
10/31/2003
12/25/2003
01/01/2004

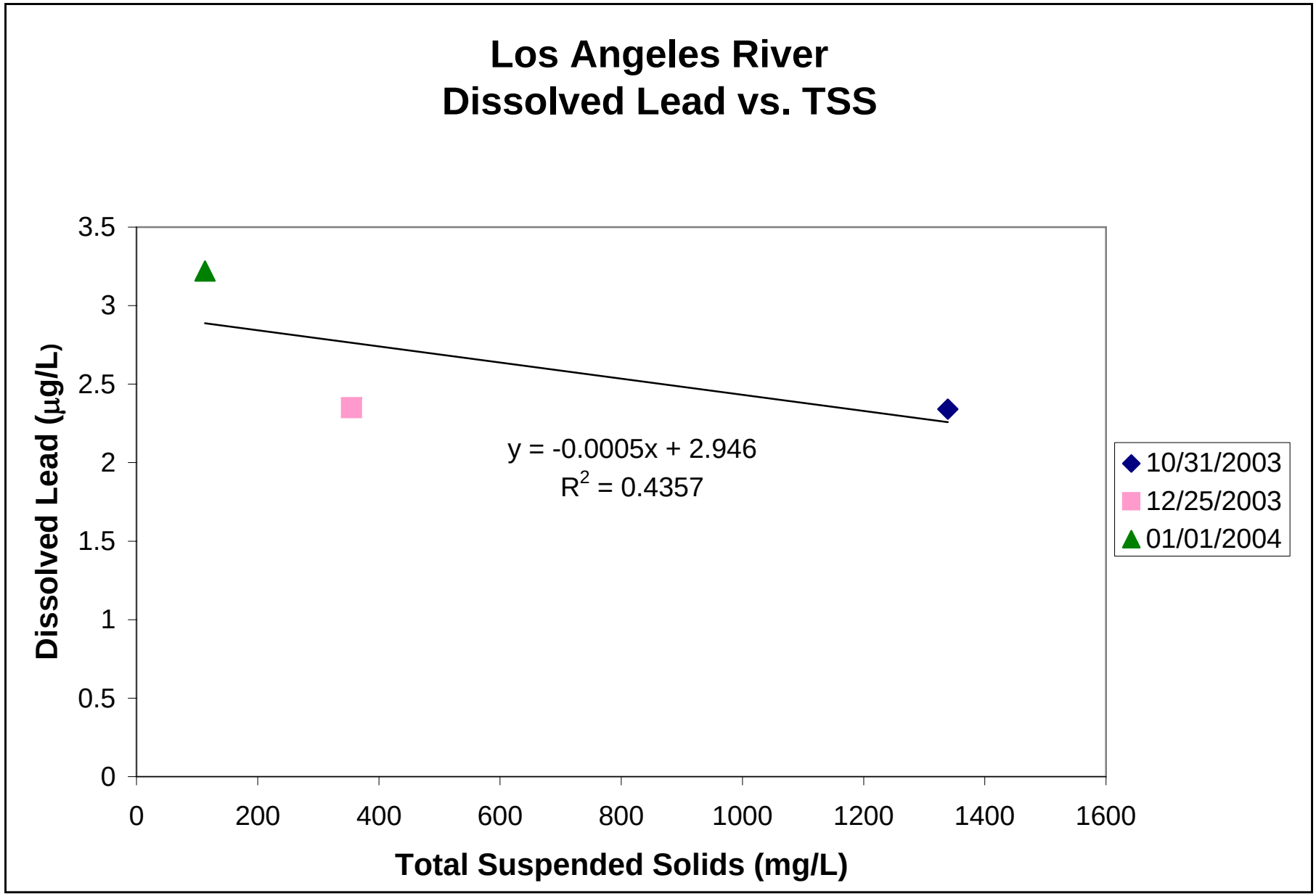

Los Angeles River
Total Chromium vs. TSS
Total Chromium (µg/L)
40
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.0254x + 0.5681
R2 = 0.9641
10/31/2003
12/25/2003
01/01/2004

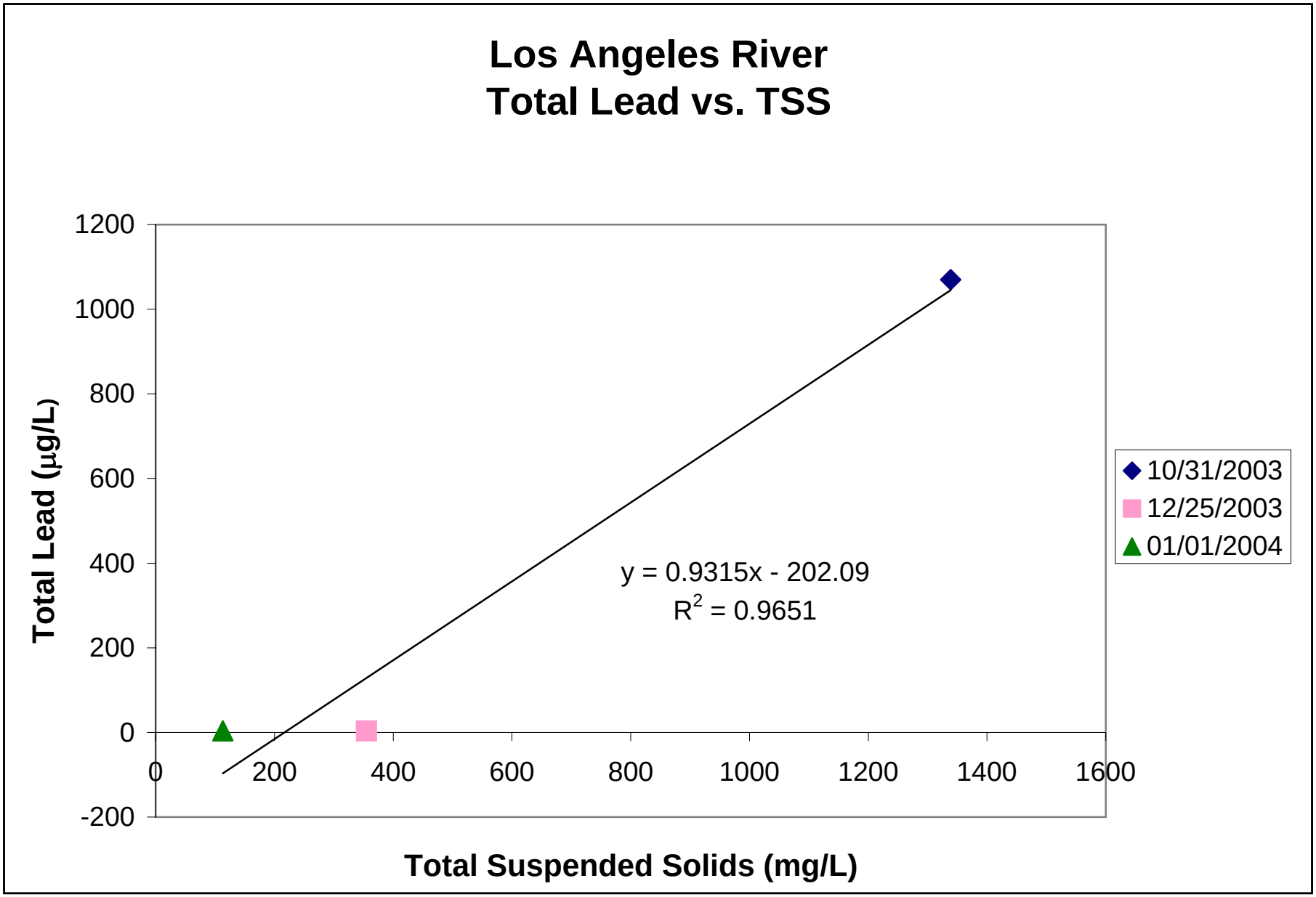

Los Angeles River
Dissolved Copper vs. TSS
Dissolved Copper (µg/L)
12
10
8
6
4
2
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = -0.0046x + 10.449
R2 = 0.9381
10/31/2003
12/25/2003
01/01/2004

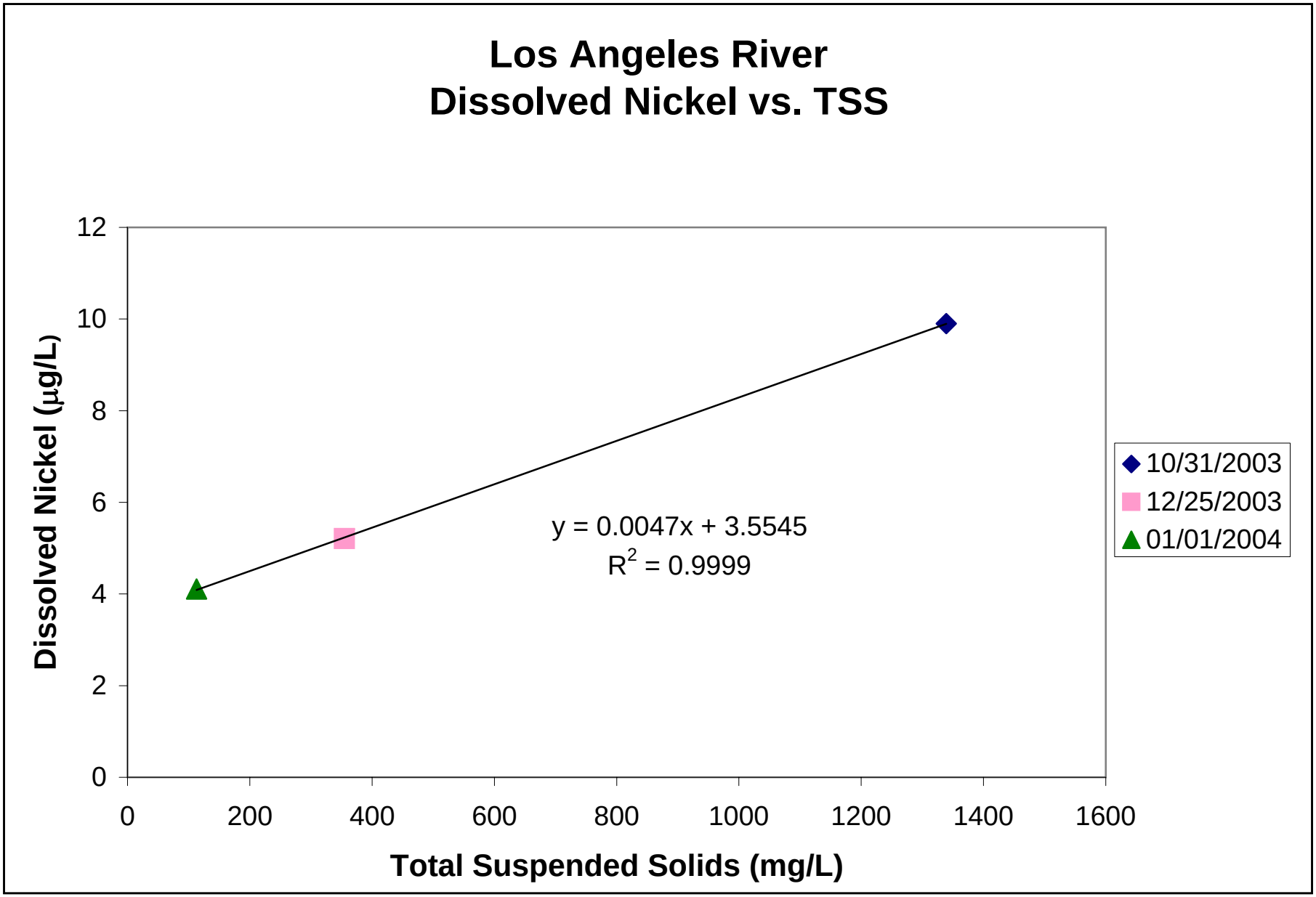

Los Angeles River
Total Copper vs. TSS
Total Copper (µg/L)
350
300
250
200
150
100
50
0
-50
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.2422x - 35.268
R2 = 0.9703
10/31/2003
12/25/2003
01/01/2004

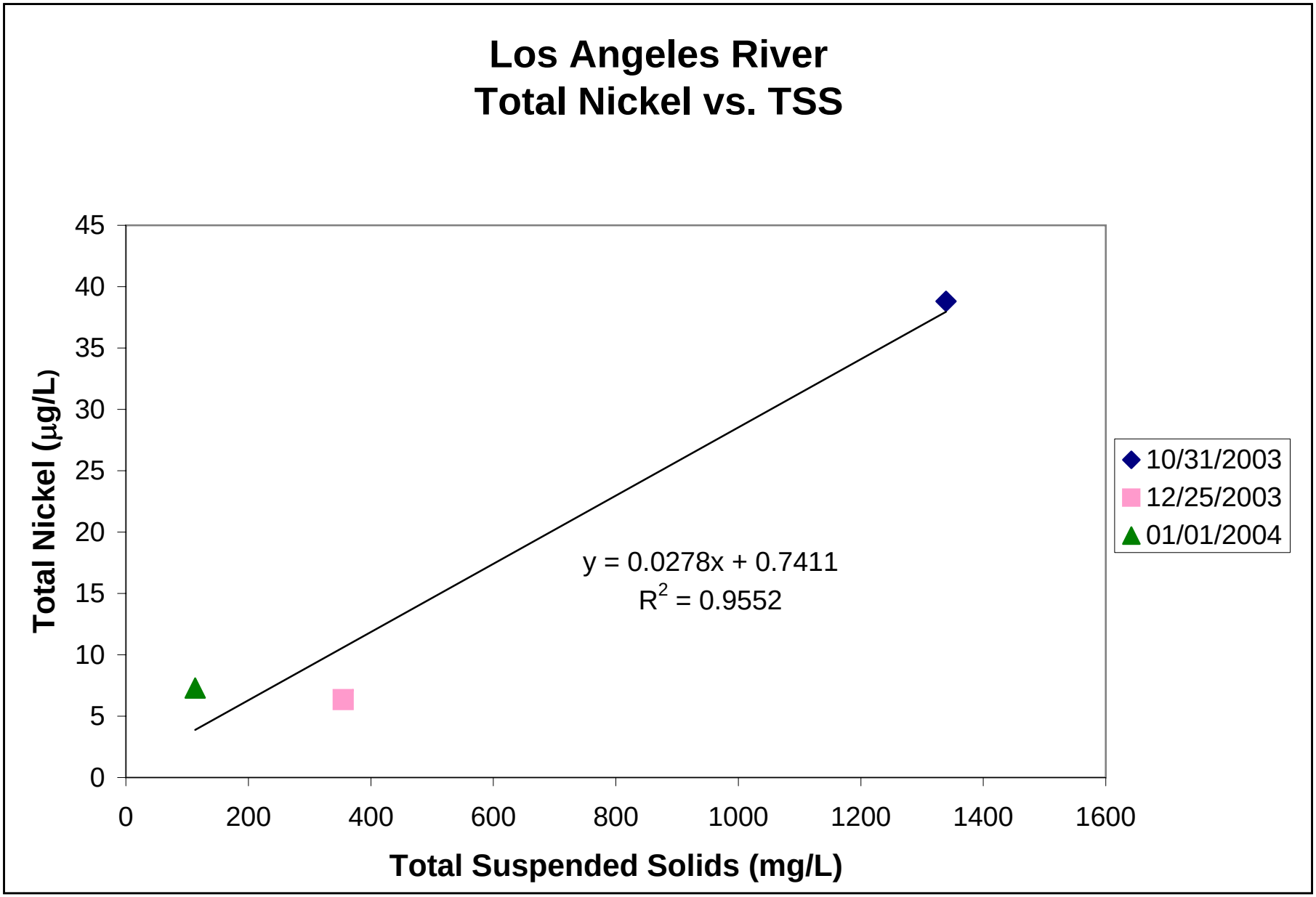

Los Angeles River
Dissolved Iron vs. TSS
Dissolved Iron (µg/L)
500
450
400
350
300
250
200
150
100
50
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.2821x + 93.748
R2 = 0.987
10/31/2003
12/25/2003
01/01/2004

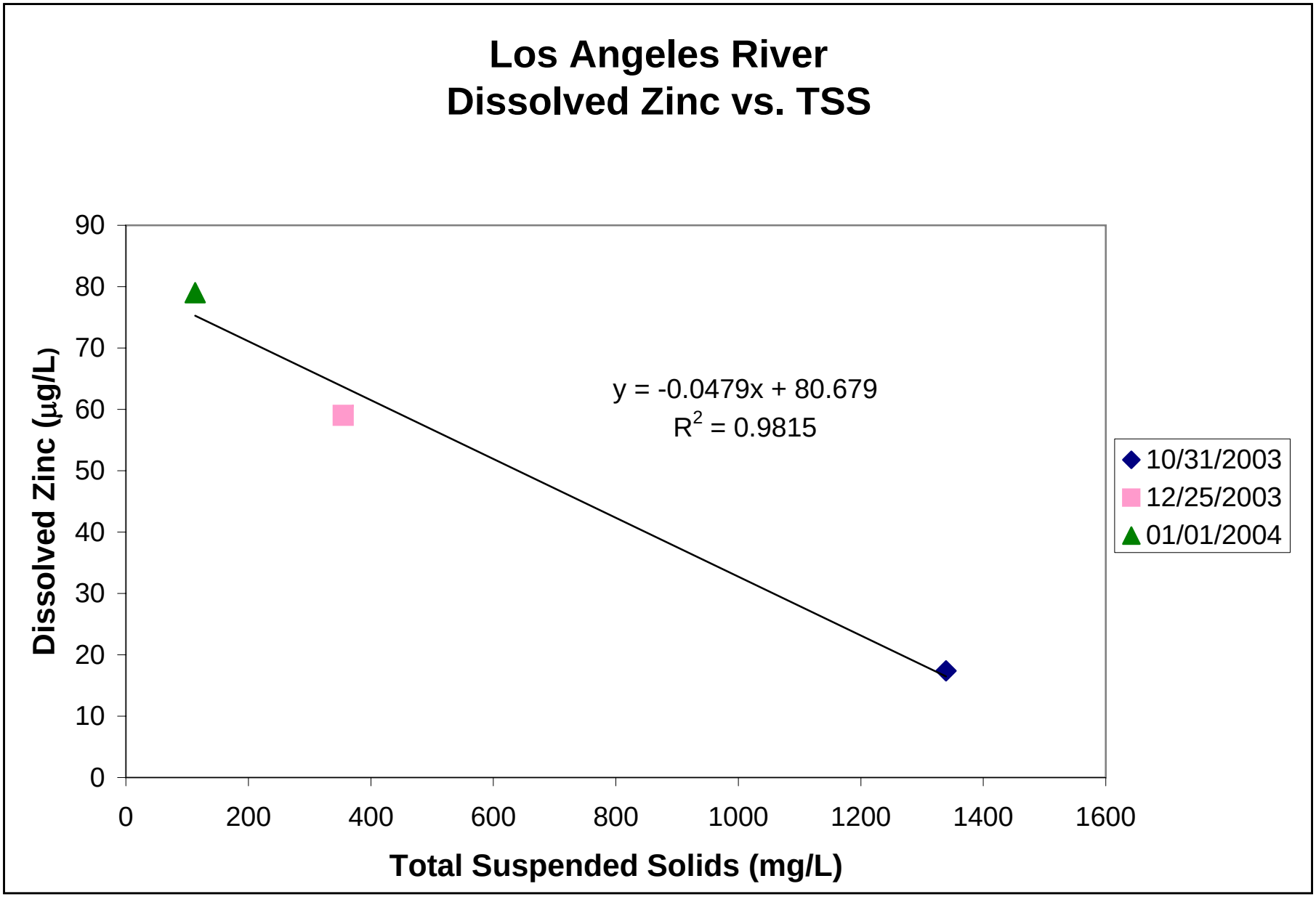

Los Angeles River
Total Iron vs. TSS
Total Iron (µg/L)
35000
30000
25000
20000
15000
10000
5000
0
-5000
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 24.659x - 5065.3
R2 = 0.966
10/31/2003
12/25/2003
01/01/2004

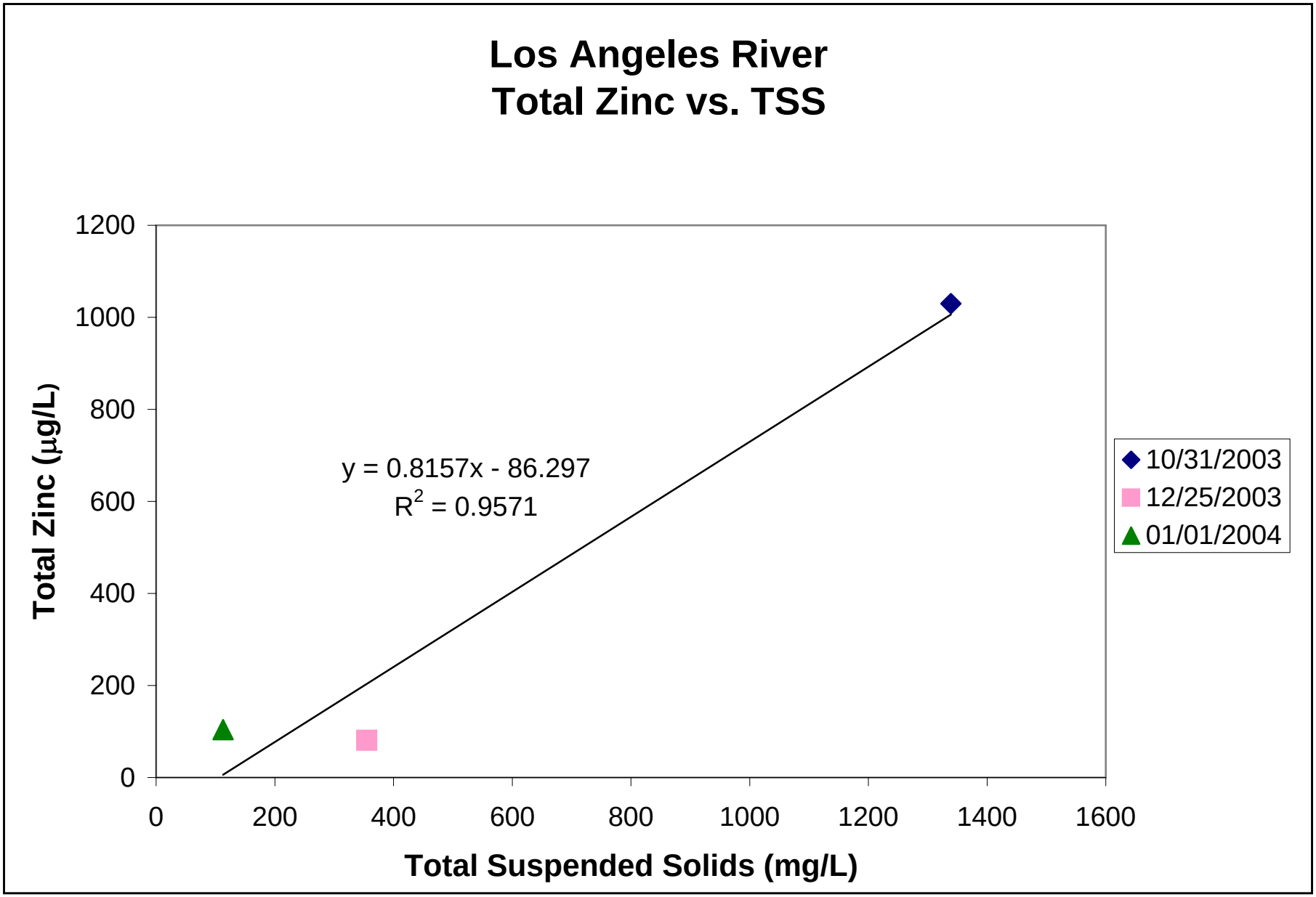

Los Angeles River
Dissolved Lead vs. TSS
Dissolved Lead (µg/L)
3.5
3
2.5
2
1.5
1
0.5
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = -0.0005x + 2.946
R2 = 0.4357
10/31/2003
12/25/2003
01/01/2004

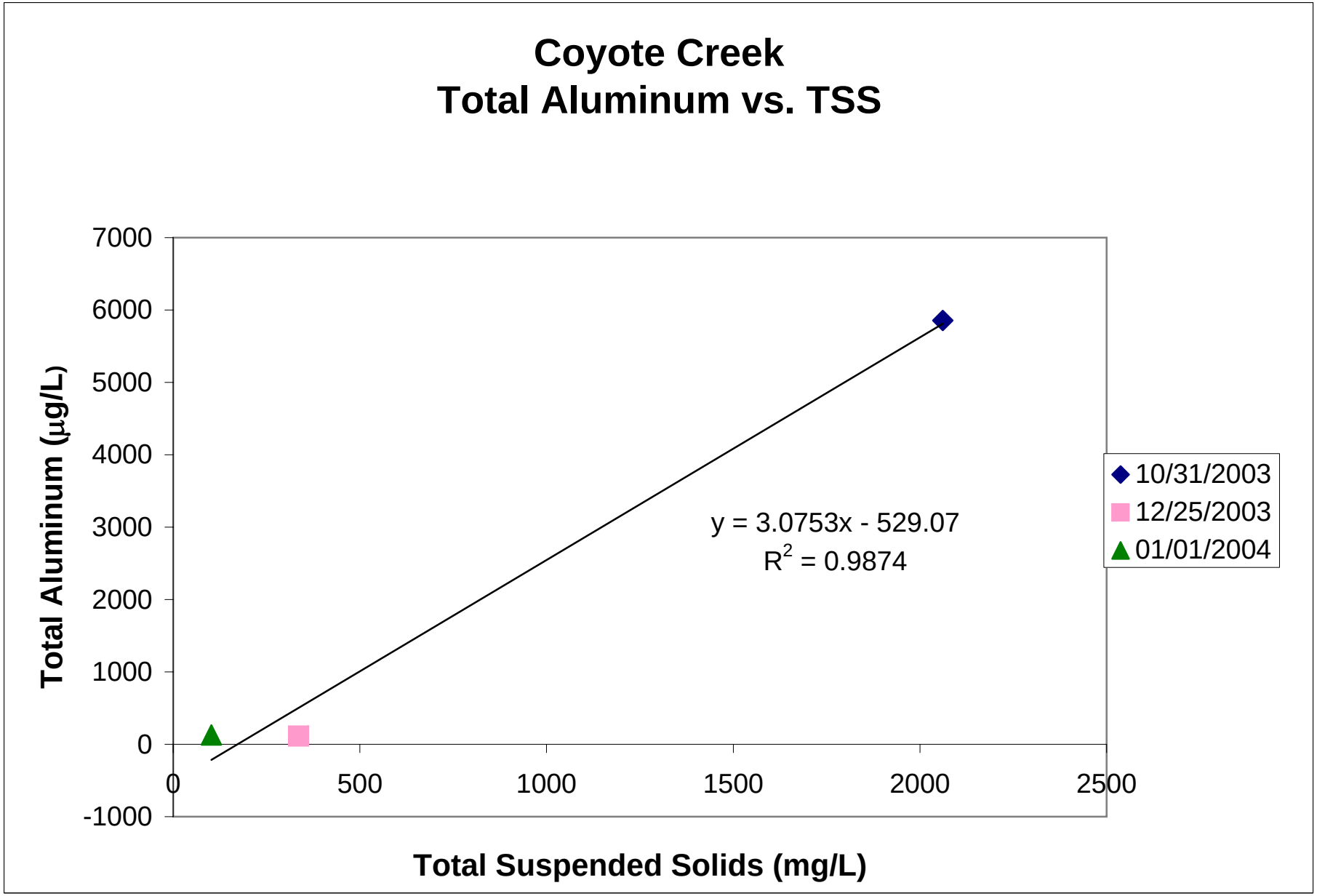

Los Angeles River
Total Lead vs. TSS
Total Lead (µg/L)
1200
1000
800
600
400
200
0
-200
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.9315x - 202.09
R2 = 0.9651
10/31/2003
12/25/2003
01/01/2004

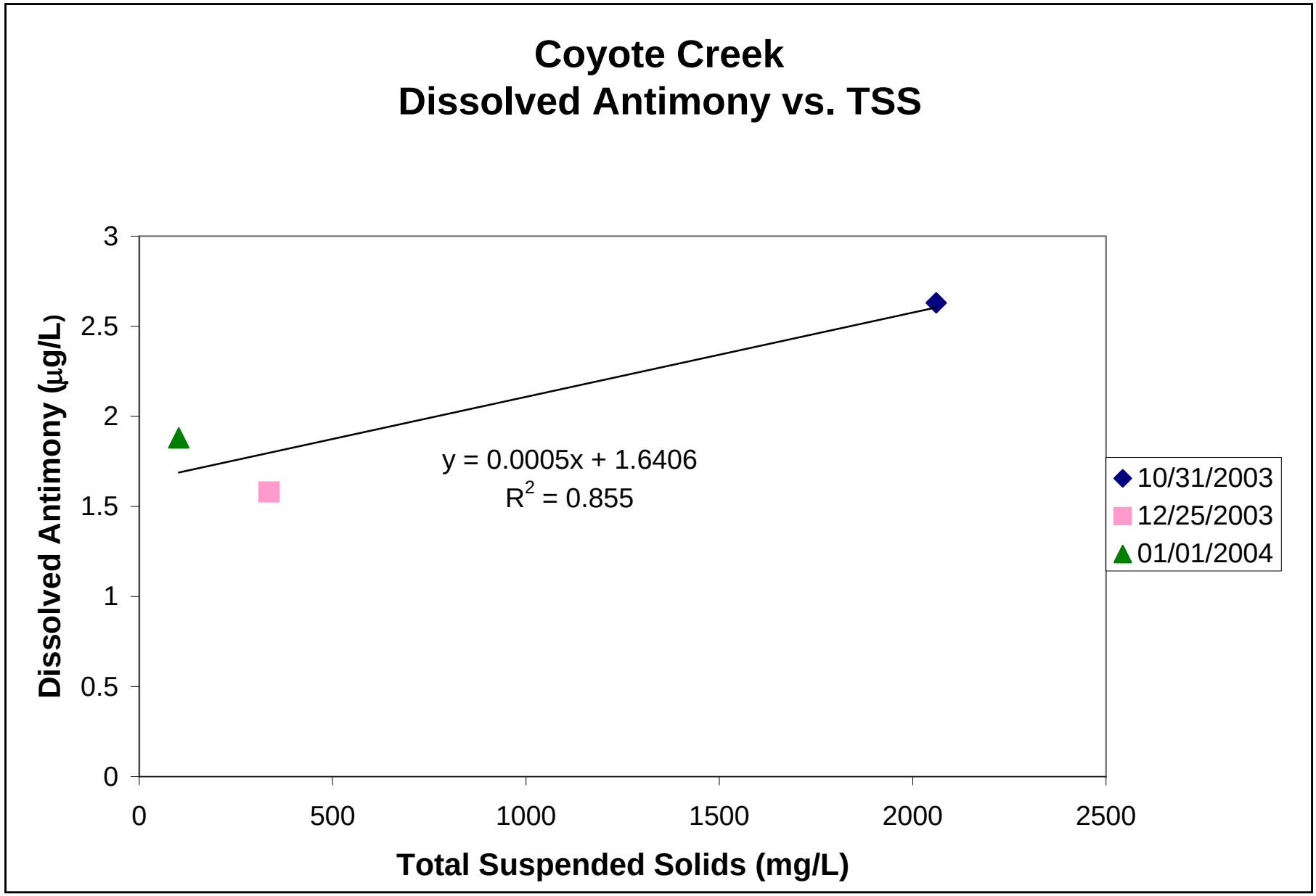

Los Angeles River
Dissolved Nickel vs. TSS
Dissolved Nickel (µg/L)
12
10
8
6
4
2
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.0047x + 3.5545
R2 = 0.9999
10/31/2003
12/25/2003
01/01/2004

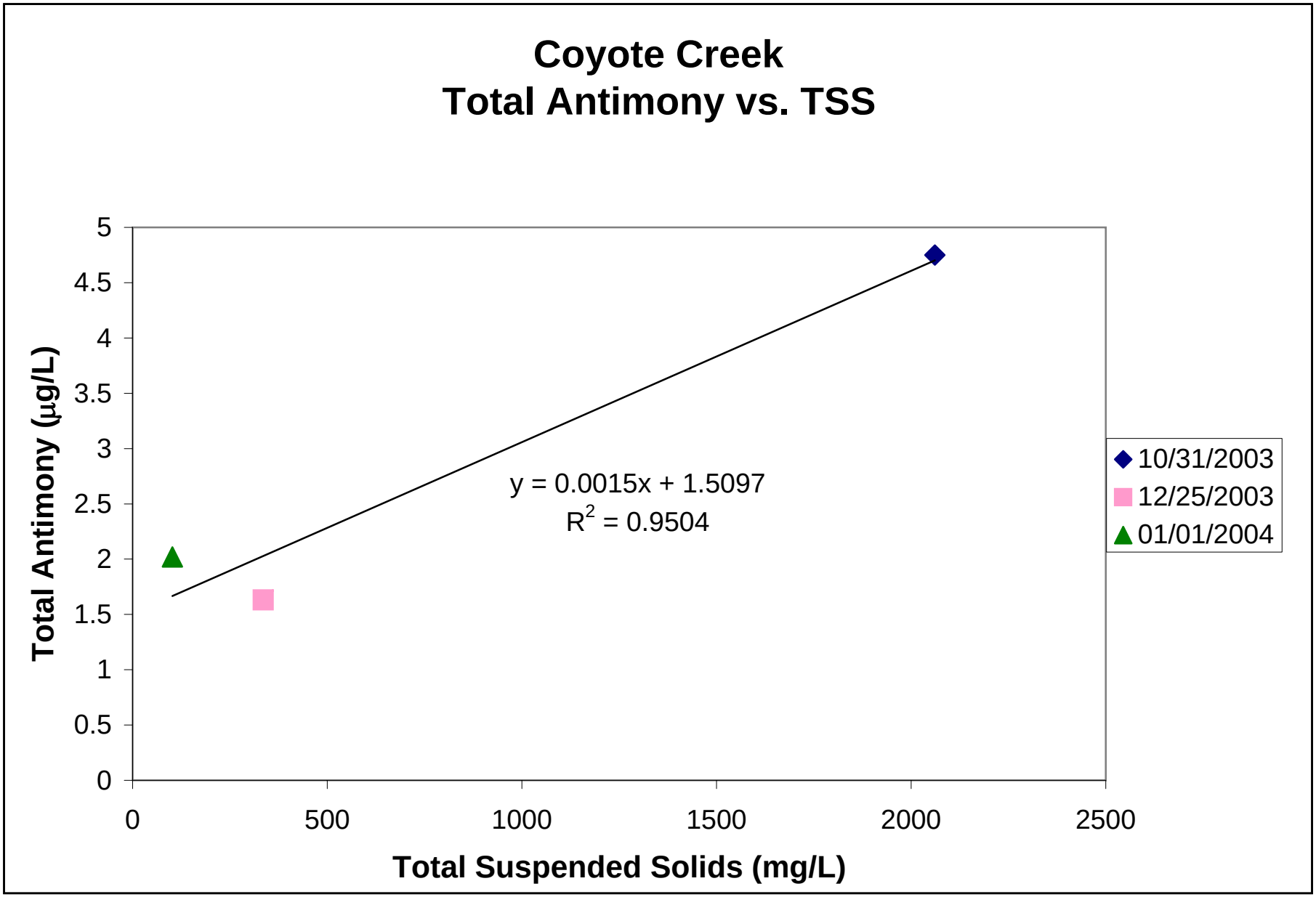

Los Angeles River
Total Nickel vs. TSS
Total Nickel (µg/L)
45
40
35
30
25
20
15
10
5
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.0278x + 0.7411
R2 = 0.9552
10/31/2003
12/25/2003
01/01/2004

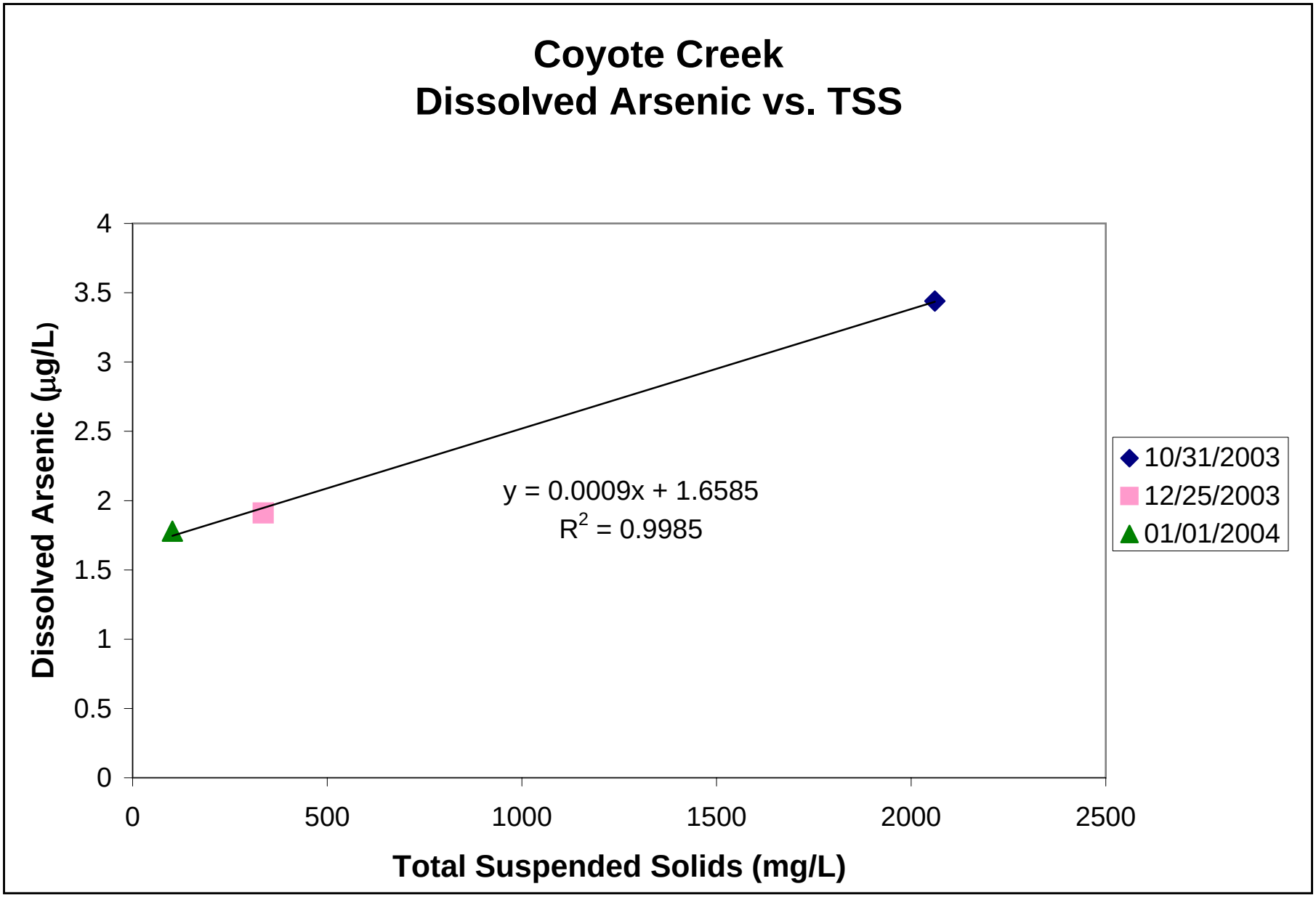

Los Angeles River
Dissolved Zinc vs. TSS
Dissolved Zinc (µg/L)
90
80
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = -0.0479x + 80.679
R2 = 0.9815
10/31/2003
12/25/2003
01/01/2004

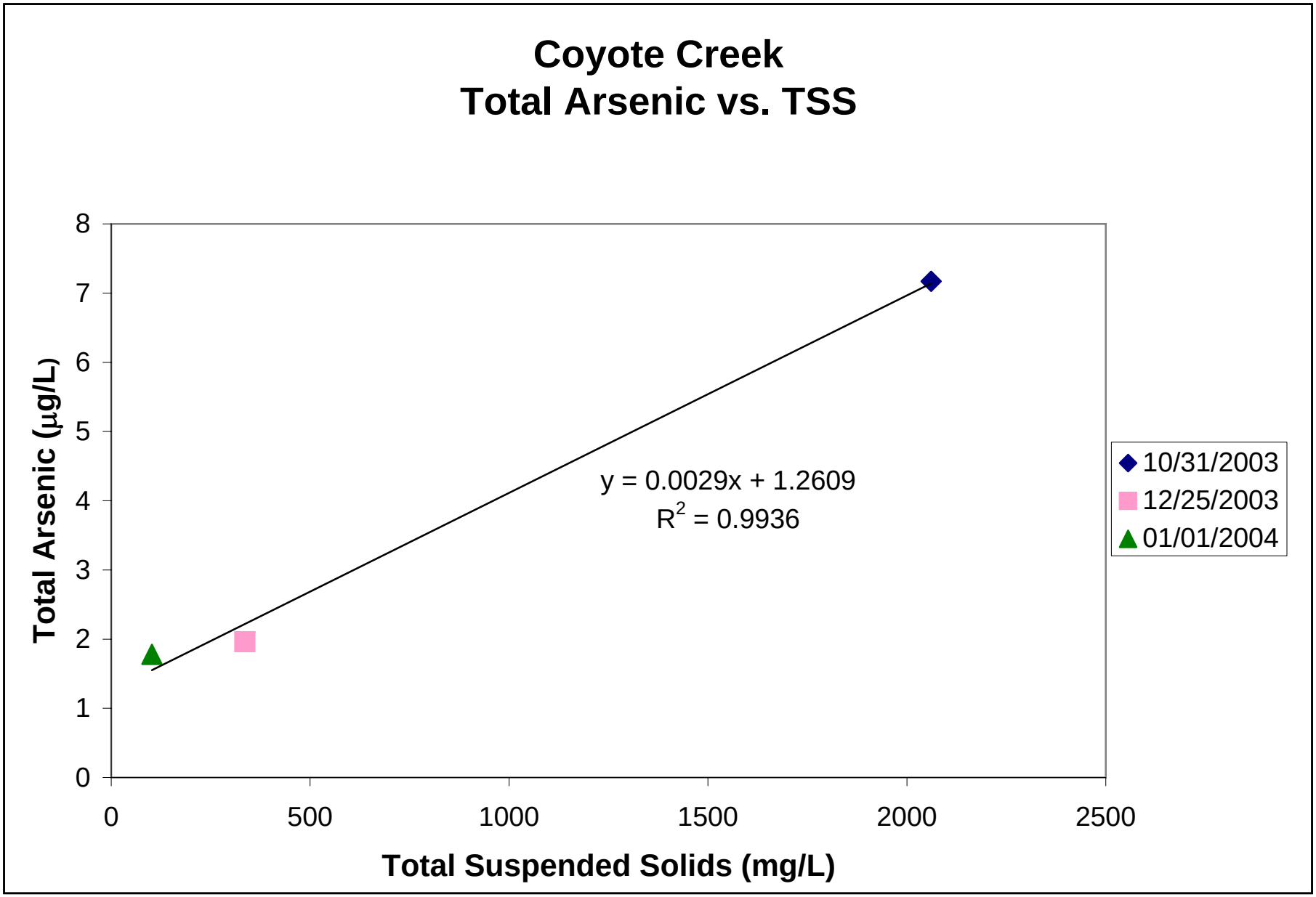

Los Angeles River
Total Zinc vs. TSS
Total Zinc (µg/L)
1200
1000
800
600
400
200
0
0
200
400
600
800
1000
1200
1400
1600
Total Suspended Solids (mg/L)
y = 0.8157x - 86.297
R2 = 0.9571
10/31/2003
12/25/2003
01/01/2004

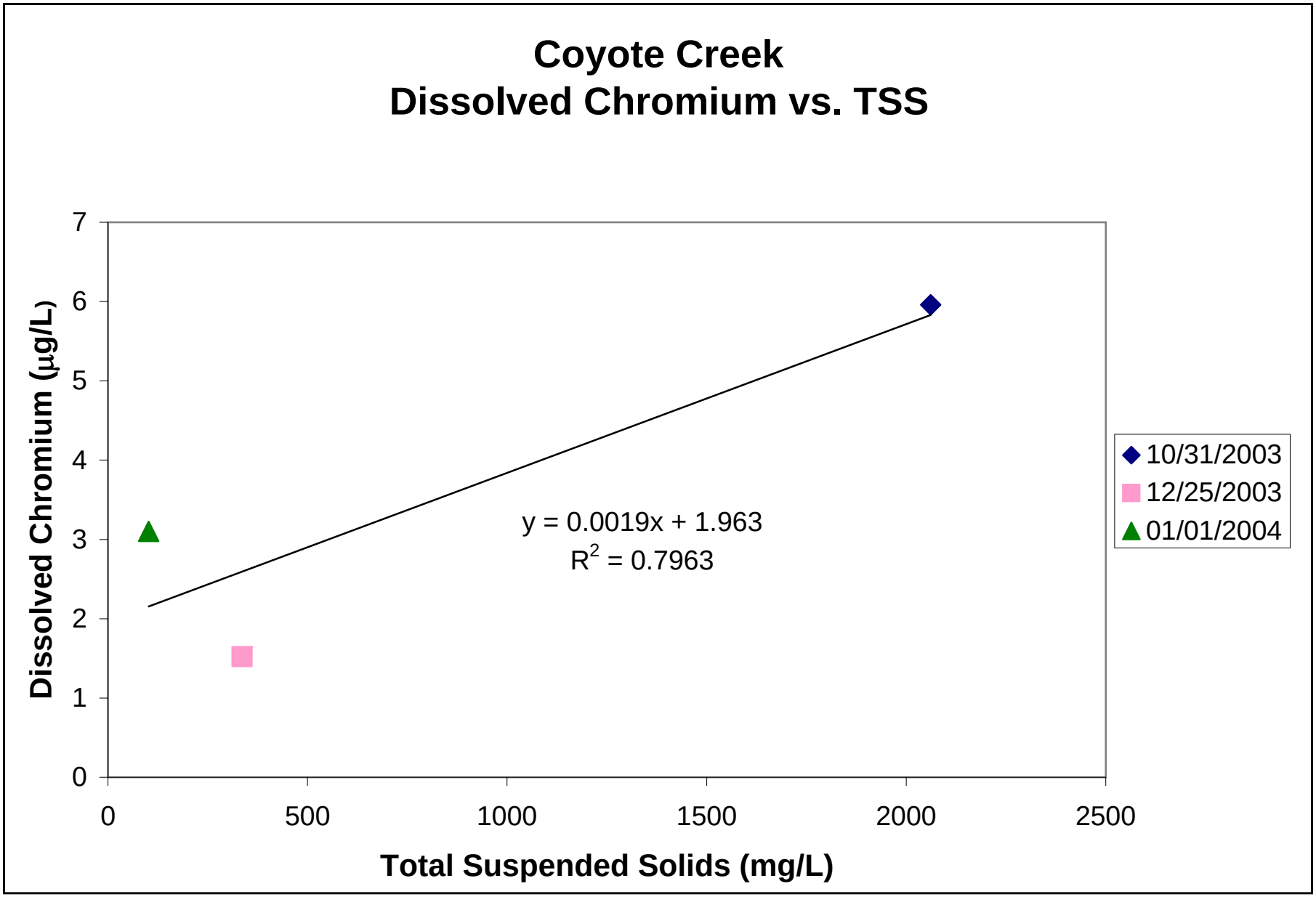

Coyote Creek
Total Aluminum vs. TSS
Total Aluminum (µg/L)
7000
6000
5000
4000
3000
2000
1000
0
-1000
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 3.0753x - 529.07
R2 = 0.9874
10/31/2003
12/25/2003
01/01/2004

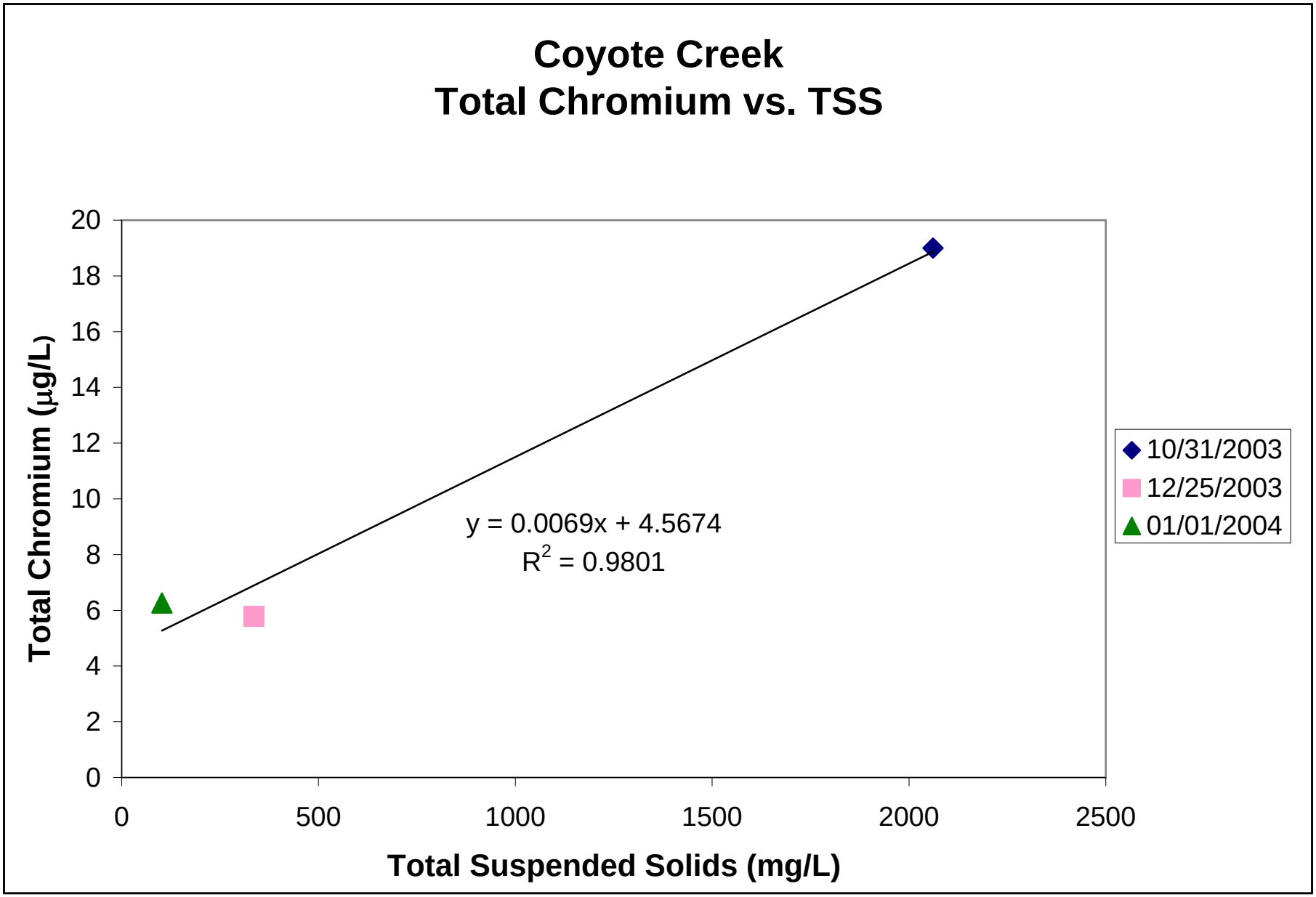

Coyote Creek
Dissolved Antimony vs. TSS
Dissolved Antimony (µg/L)
3
2.5
2
1.5
1
0.5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0005x + 1.6406
R2 = 0.855
10/31/2003
12/25/2003
01/01/2004

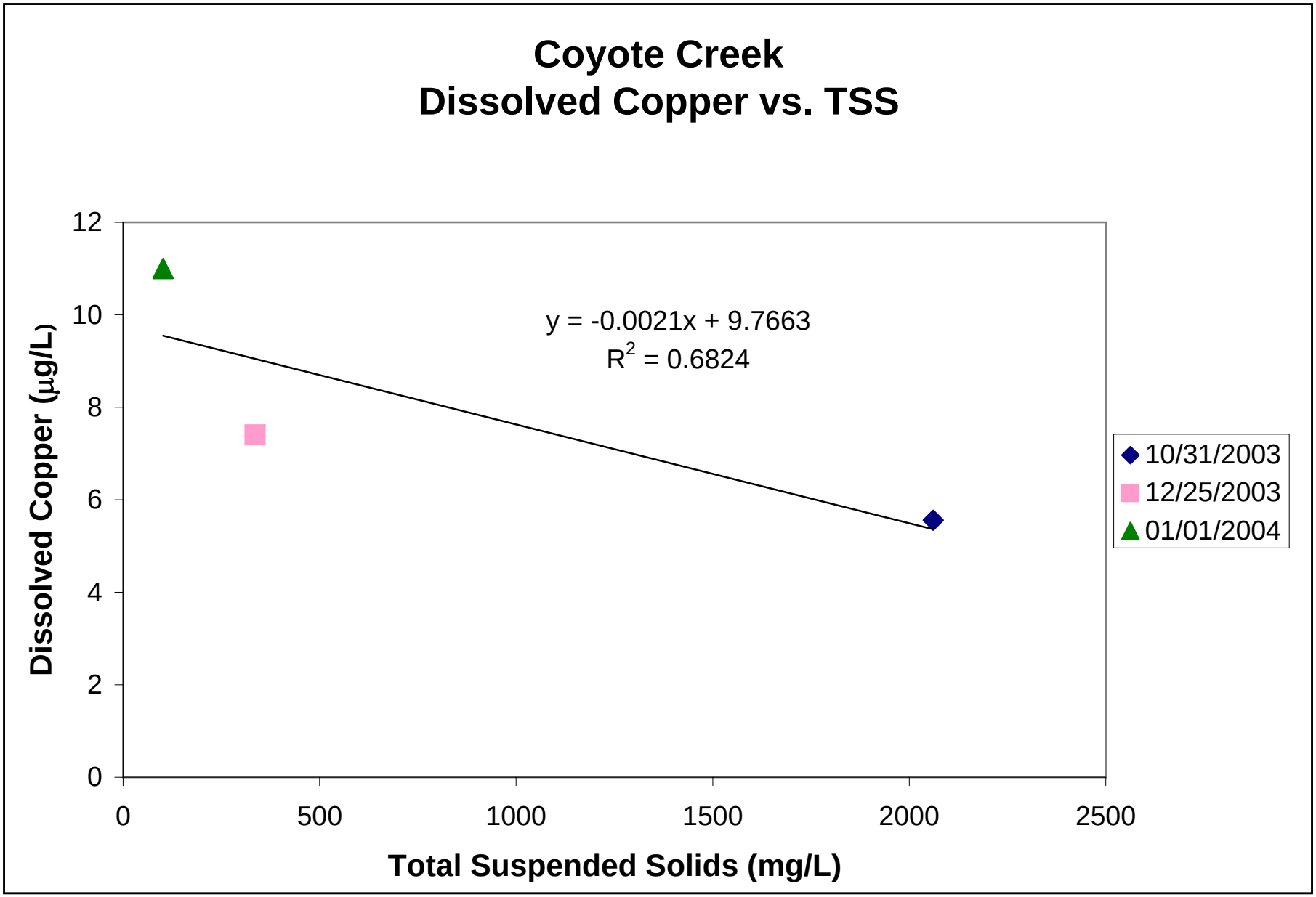

Coyote Creek
Total Antimony vs. TSS
Total Antimony (µg/L)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0015x + 1.5097
R2 = 0.9504
10/31/2003
12/25/2003
01/01/2004

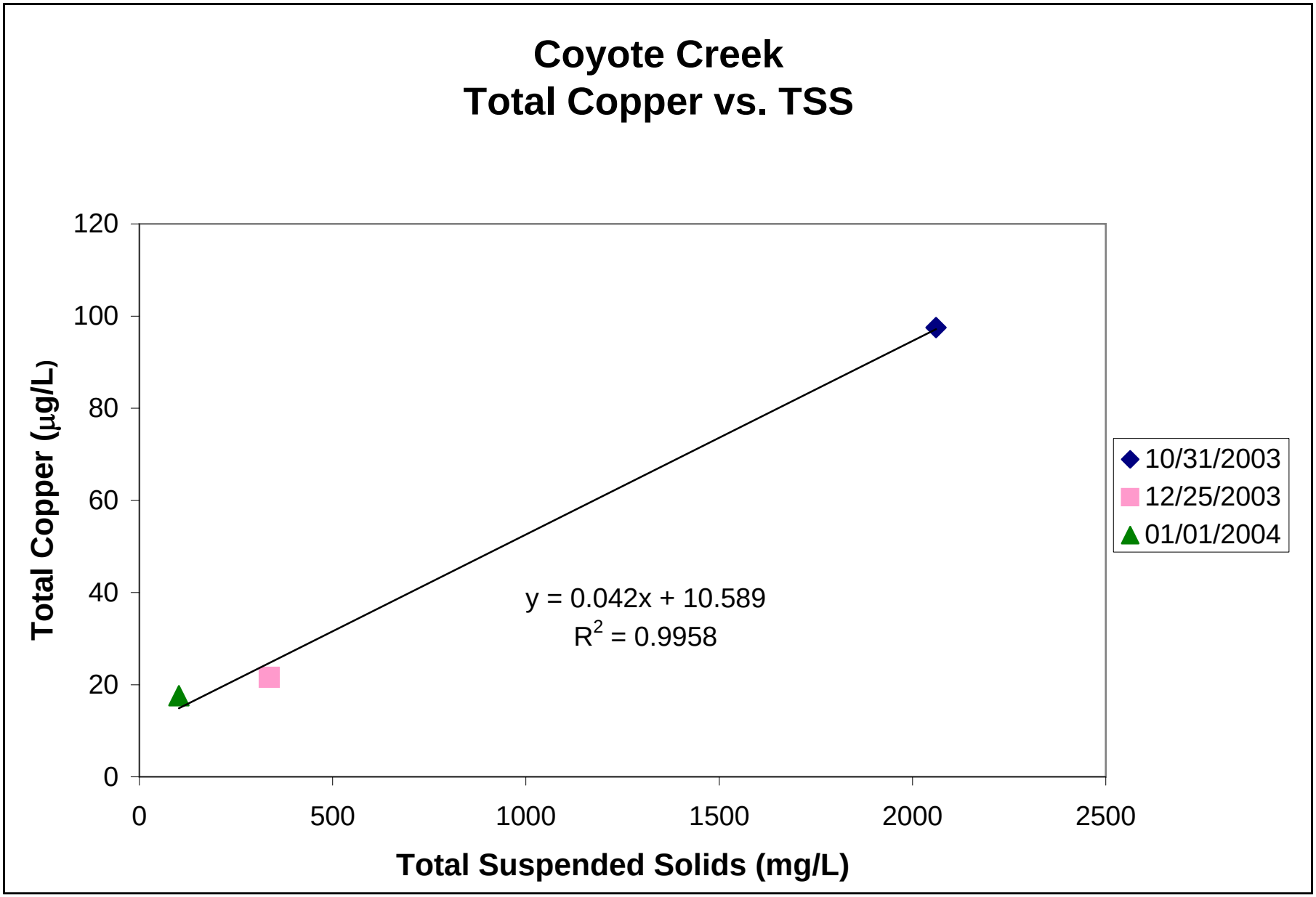

Coyote Creek
Dissolved Arsenic vs. TSS
Dissolved Arsenic (µg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0009x + 1.6585
R2 = 0.9985
10/31/2003
12/25/2003
01/01/2004

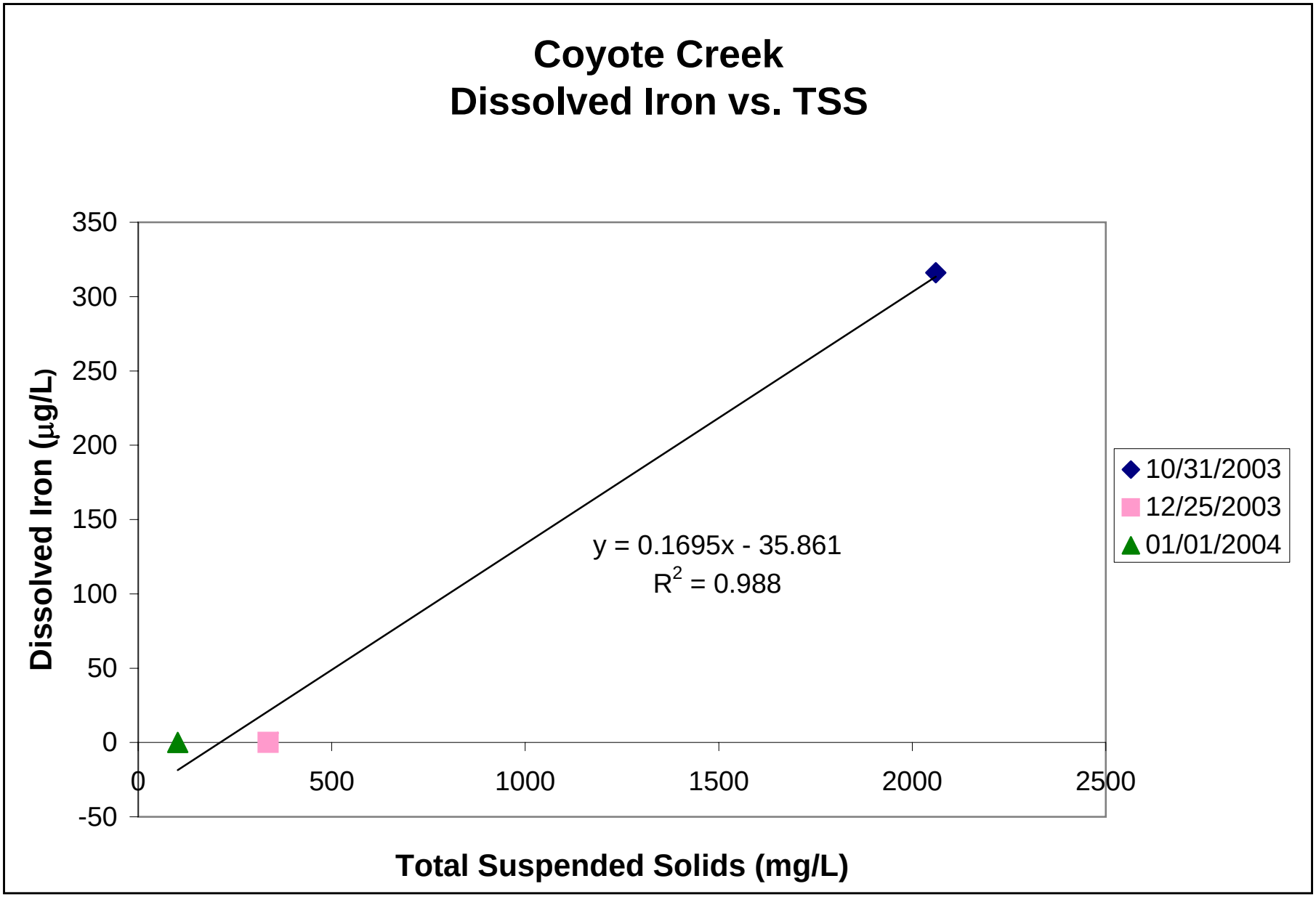

Coyote Creek
Total Arsenic vs. TSS
Total Arsenic (µg/L)
8
7
6
5
4
3
2
1
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0029x + 1.2609
R2 = 0.9936
10/31/2003
12/25/2003
01/01/2004

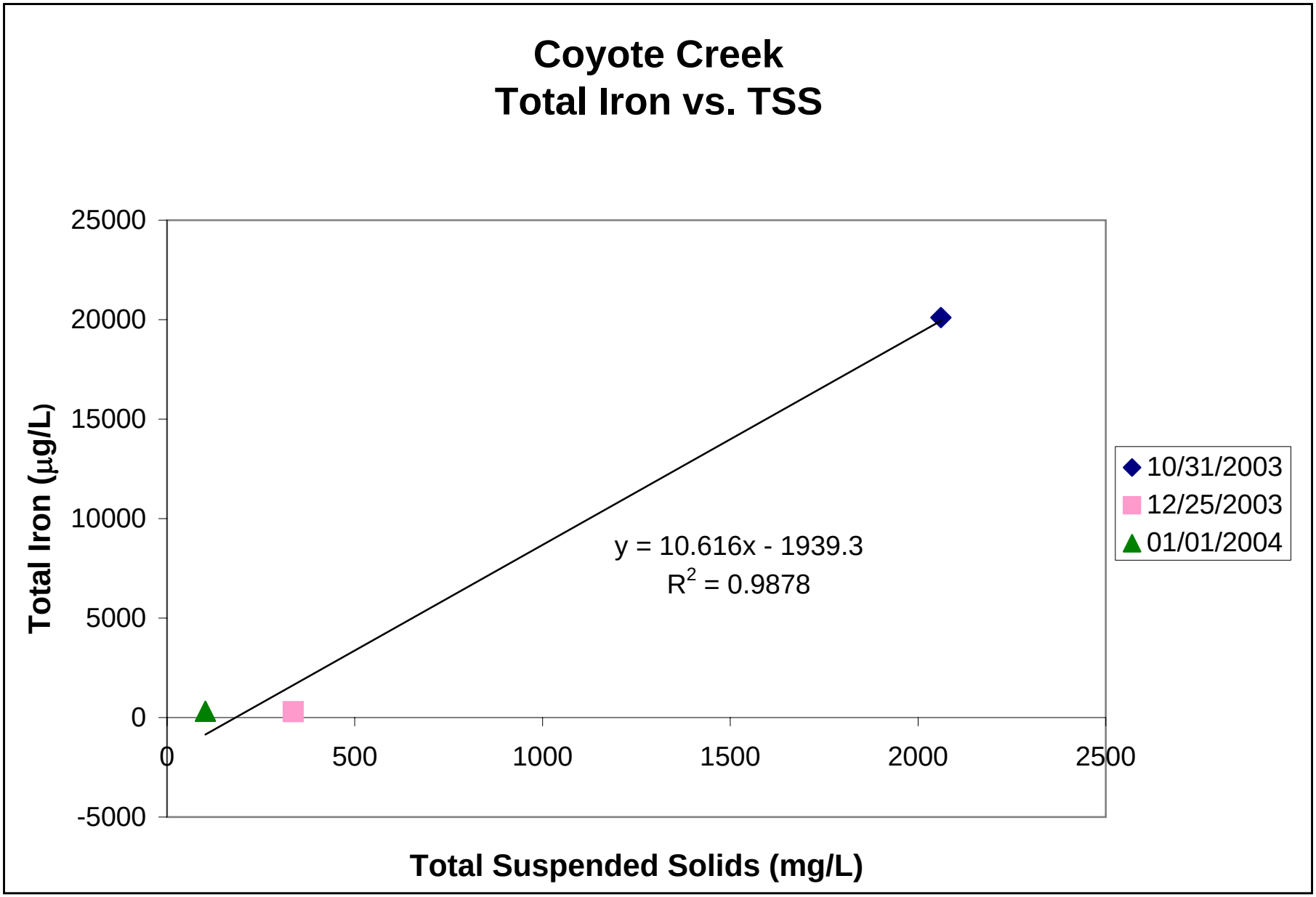

Coyote Creek
Dissolved Chromium vs. TSS
Dissolved Chromium (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
0
500
1000
1500
2000
2500
y = 0.0019x + 1.963
R2 = 0.7963
10/31/2003
12/25/2003
01/01/2004

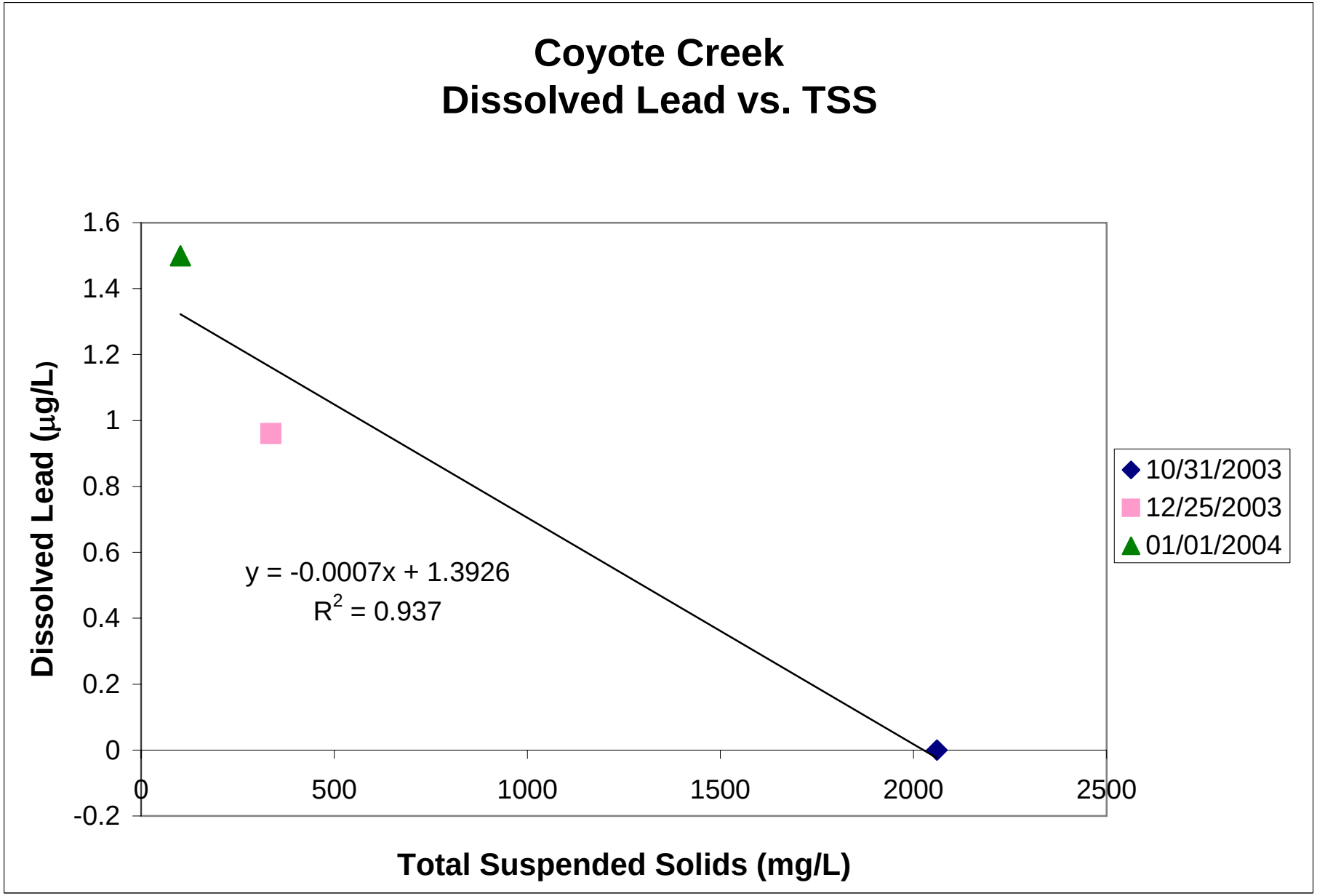

Coyote Creek
Total Chromium vs. TSS
Total Chromium (µg/L)
20
18
16
14
12
10
8
6
4
2
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0069x + 4.5674
R2 = 0.9801
10/31/2003
12/25/2003
01/01/2004

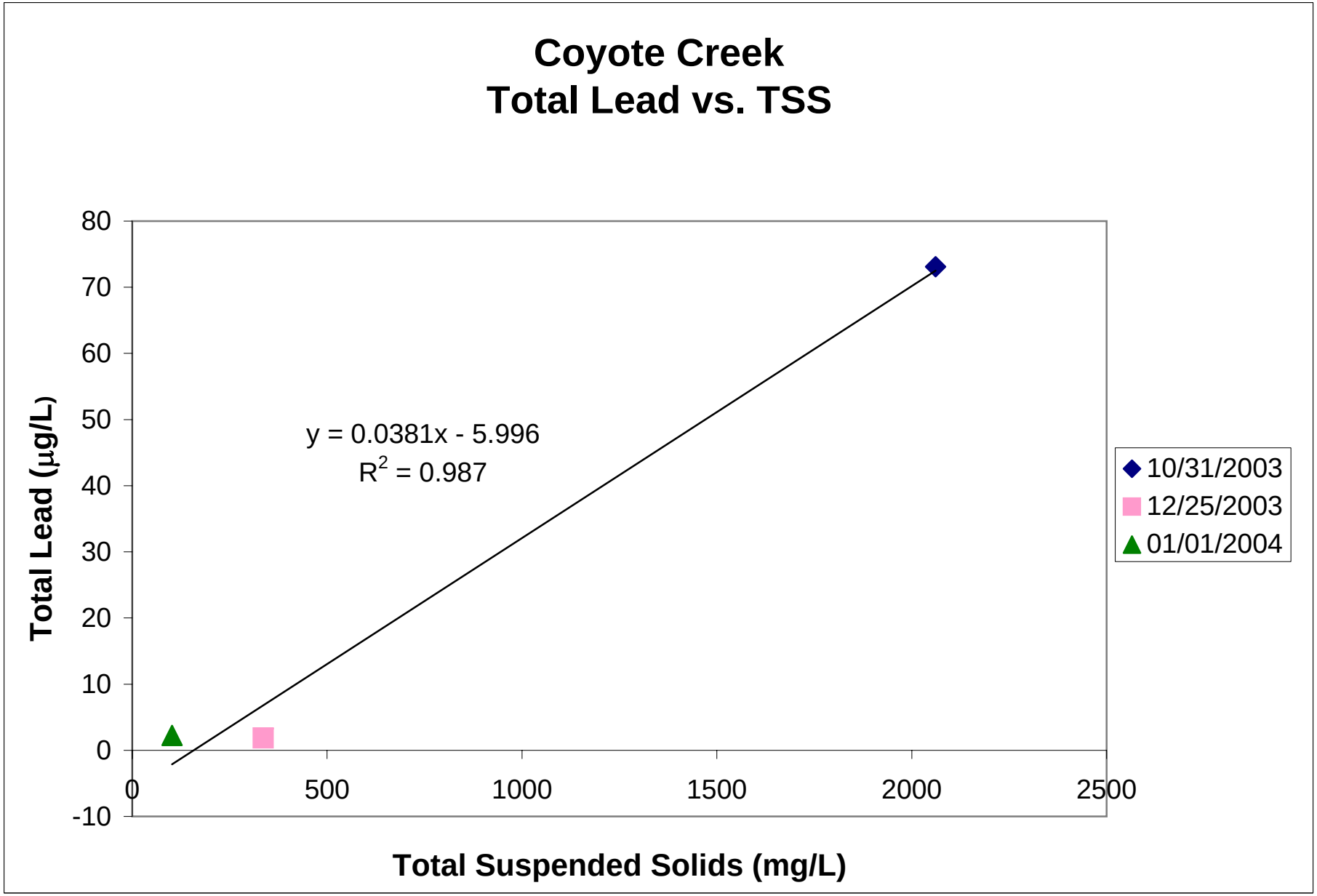

Coyote Creek
Dissolved Copper vs. TSS
y = -0.0021x + 9.7663
R2 = 0.6824
Dissolved Copper (µg/L)
Total Suspended Solids (mg/L)
0
2
4
6
8
10
12
0
500
1000
1500
2000
2500
10/31/2003
12/25/2003
01/01/2004

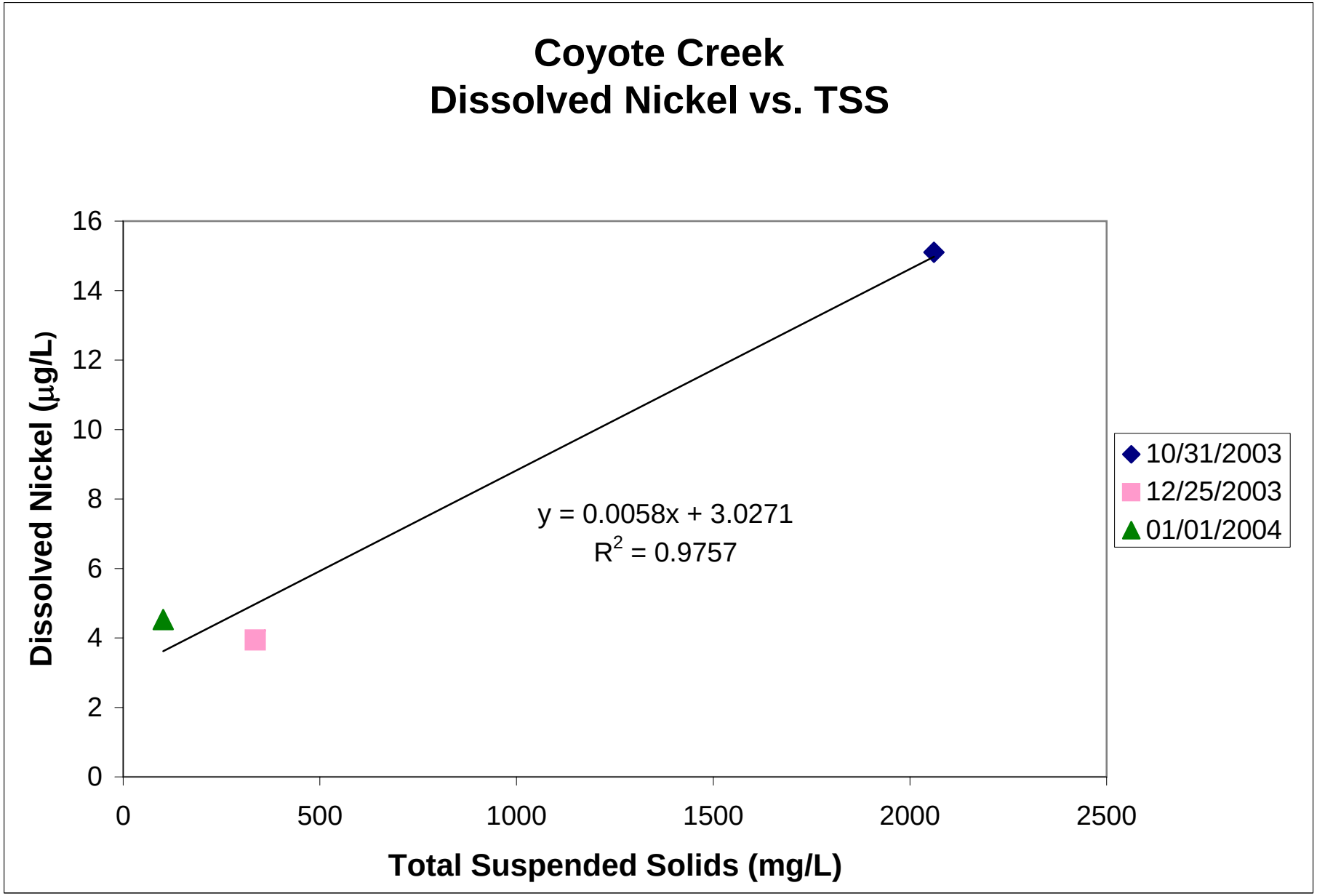

Coyote Creek
Total Copper vs. TSS
Total Copper (µg/L)
120
100
80
60
40
20
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.042x + 10.589
R2 = 0.9958
10/31/2003
12/25/2003
01/01/2004

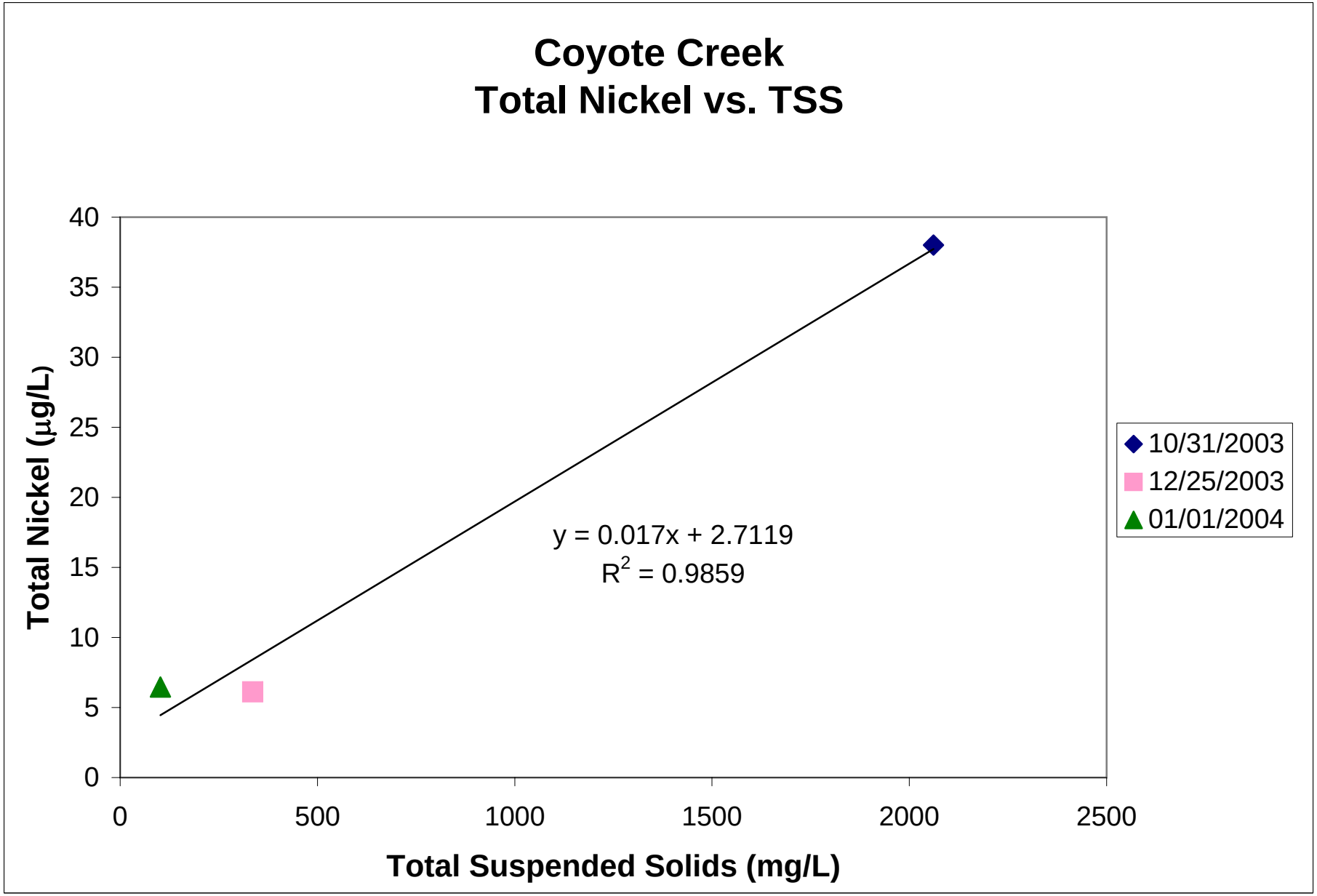

Coyote Creek
Dissolved Iron vs. TSS
Dissolved Iron (µg/L)
350
300
250
200
150
100
50
0
-50
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.1695x - 35.861
R2 = 0.988
10/31/2003
12/25/2003
01/01/2004

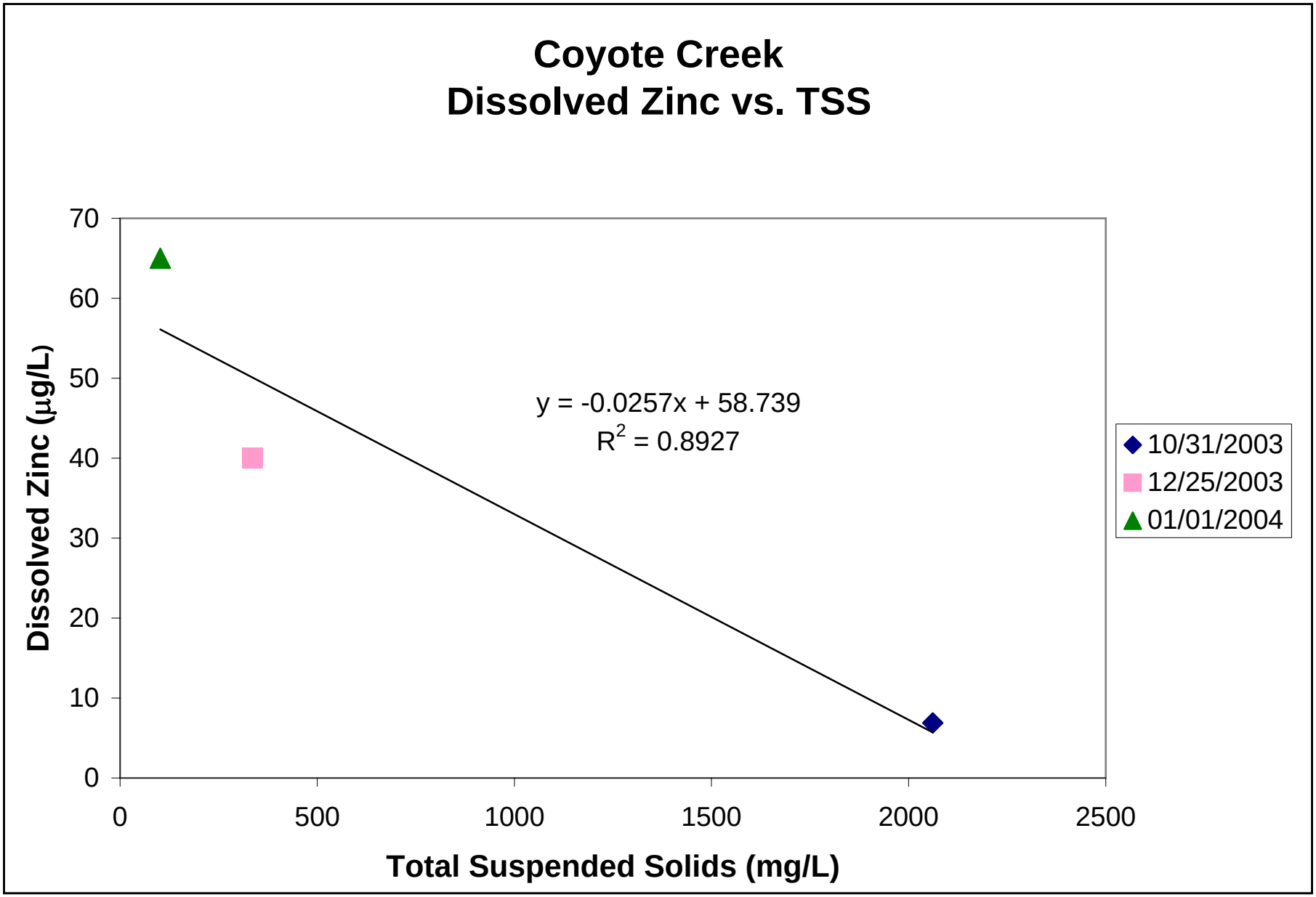

Coyote Creek
Total Iron vs. TSS
25000
20000
15000
10000
5000
0
-5000
Total Iron (µg/L)
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 10.616x - 1939.3
R2 = 0.9878
10/31/2003
12/25/2003
01/01/2004

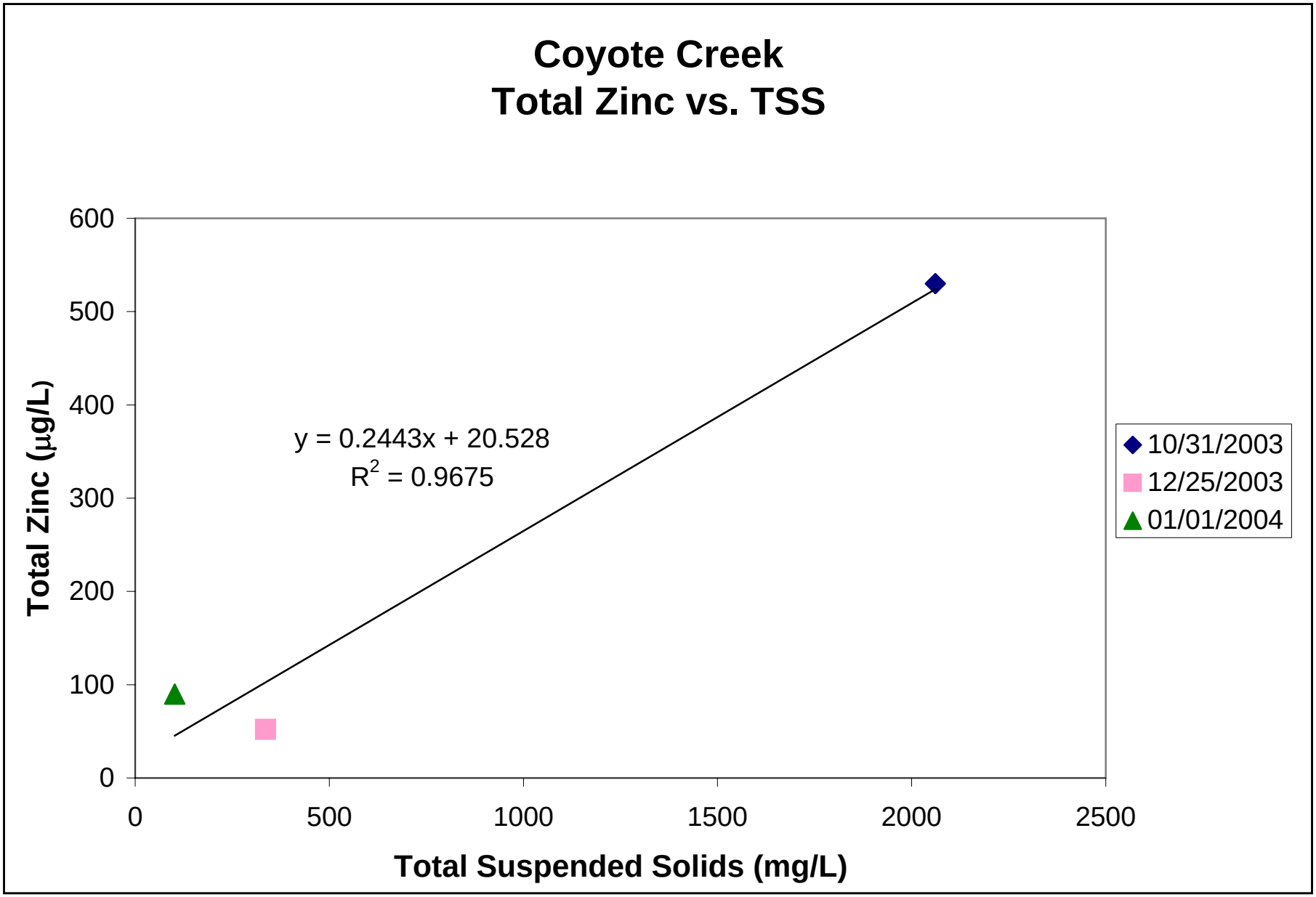

Coyote Creek
Dissolved Lead vs. TSS
Dissolved Lead (µg/L)
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
-0.2
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = -0.0007x + 1.3926
R2 = 0.937
10/31/2003
12/25/2003
01/01/2004

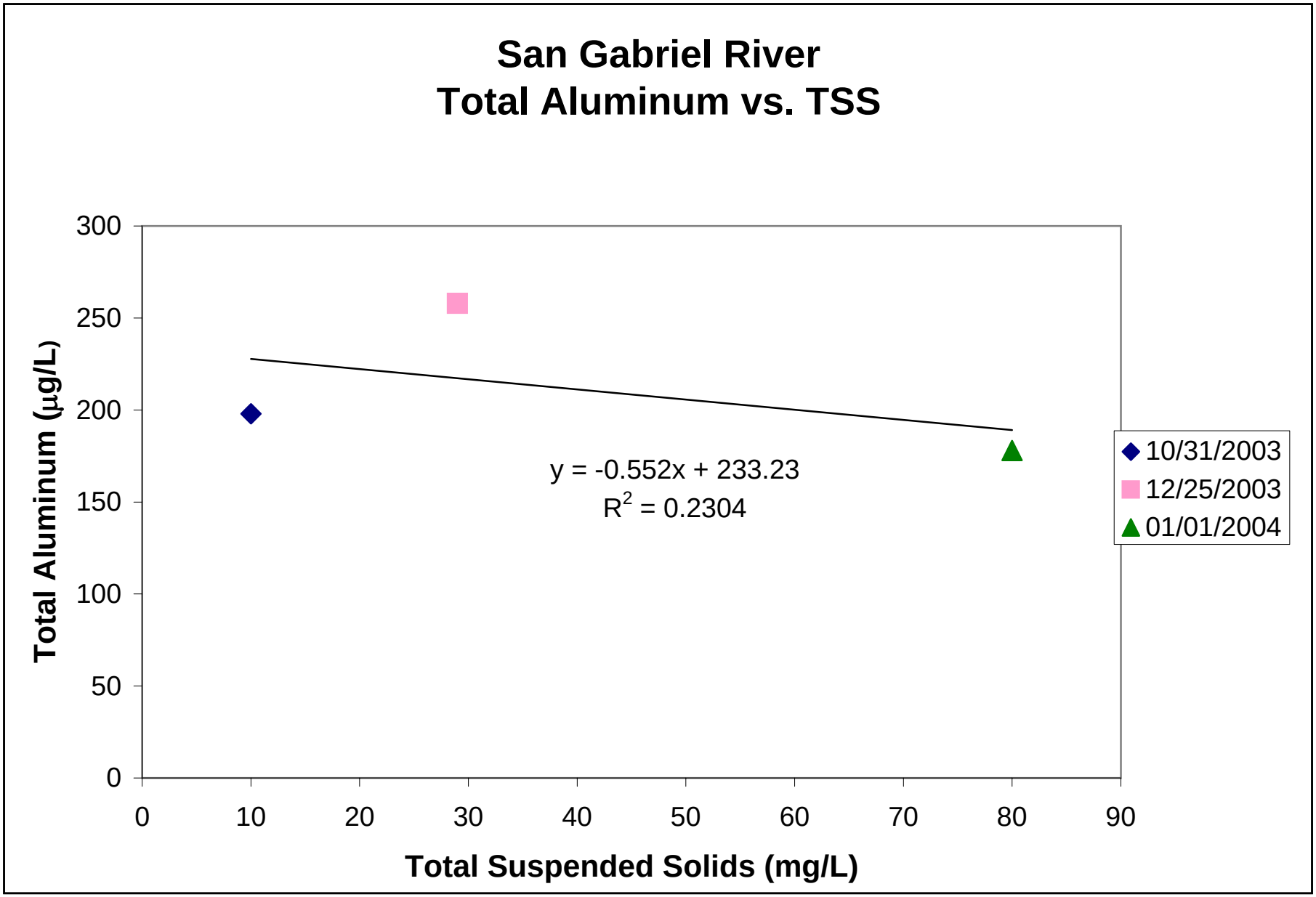

Coyote Creek
Total Lead vs. TSS
y = 0.0381x - 5.996
R2 = 0.987
Total Lead (µg/L)
Total Suspended Solids (mg/L)
80
70
60
50
40
30
20
10
0
-10
0
500
1000
1500
2000
2500
10/31/2003
12/25/2003
01/01/2004

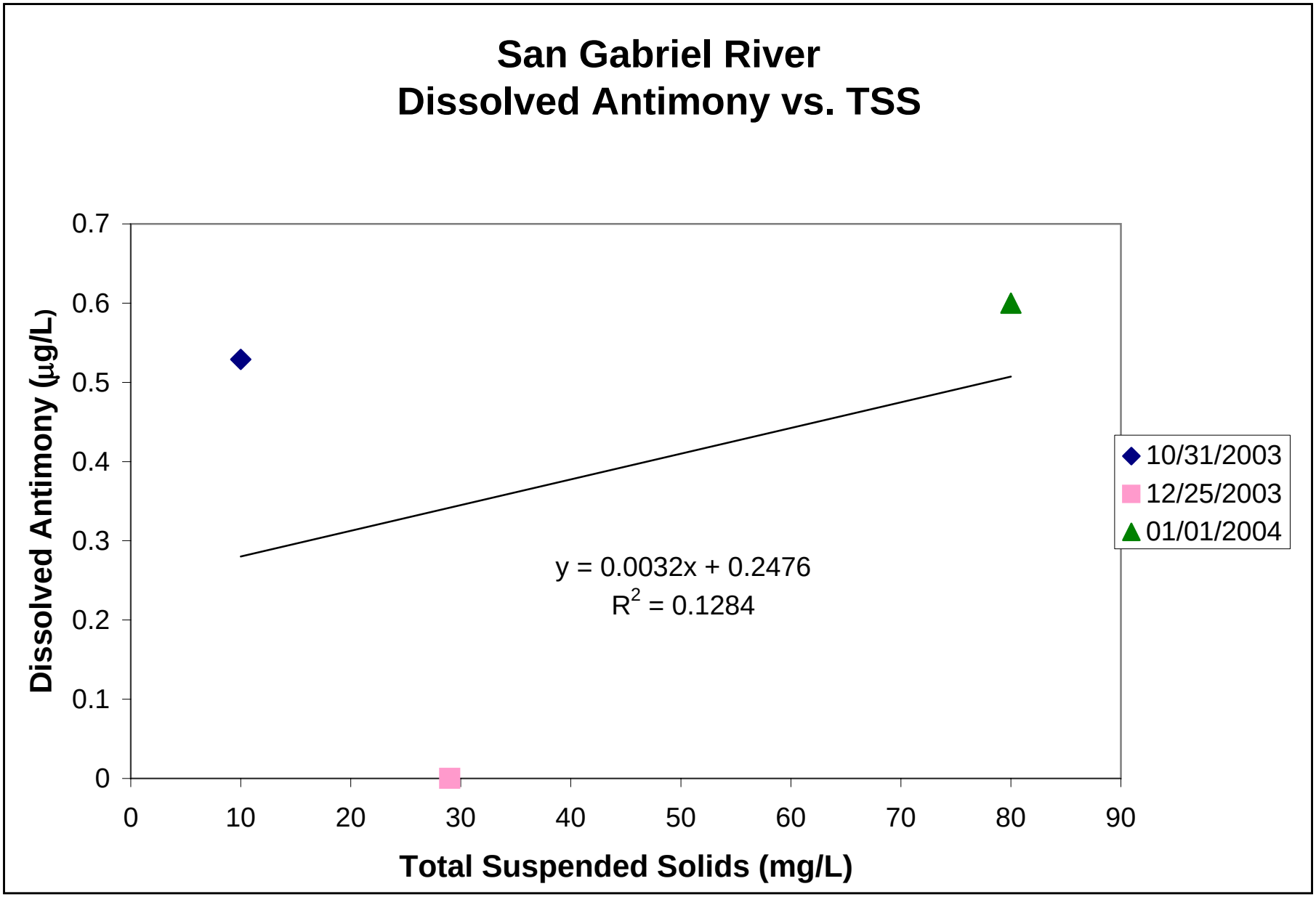

Coyote Creek
Dissolved Nickel vs. TSS
Dissolved Nickel (µg/L)
16
14
12
10
8
6
4
2
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0058x + 3.0271
R2 = 0.9757
10/31/2003
12/25/2003
01/01/2004

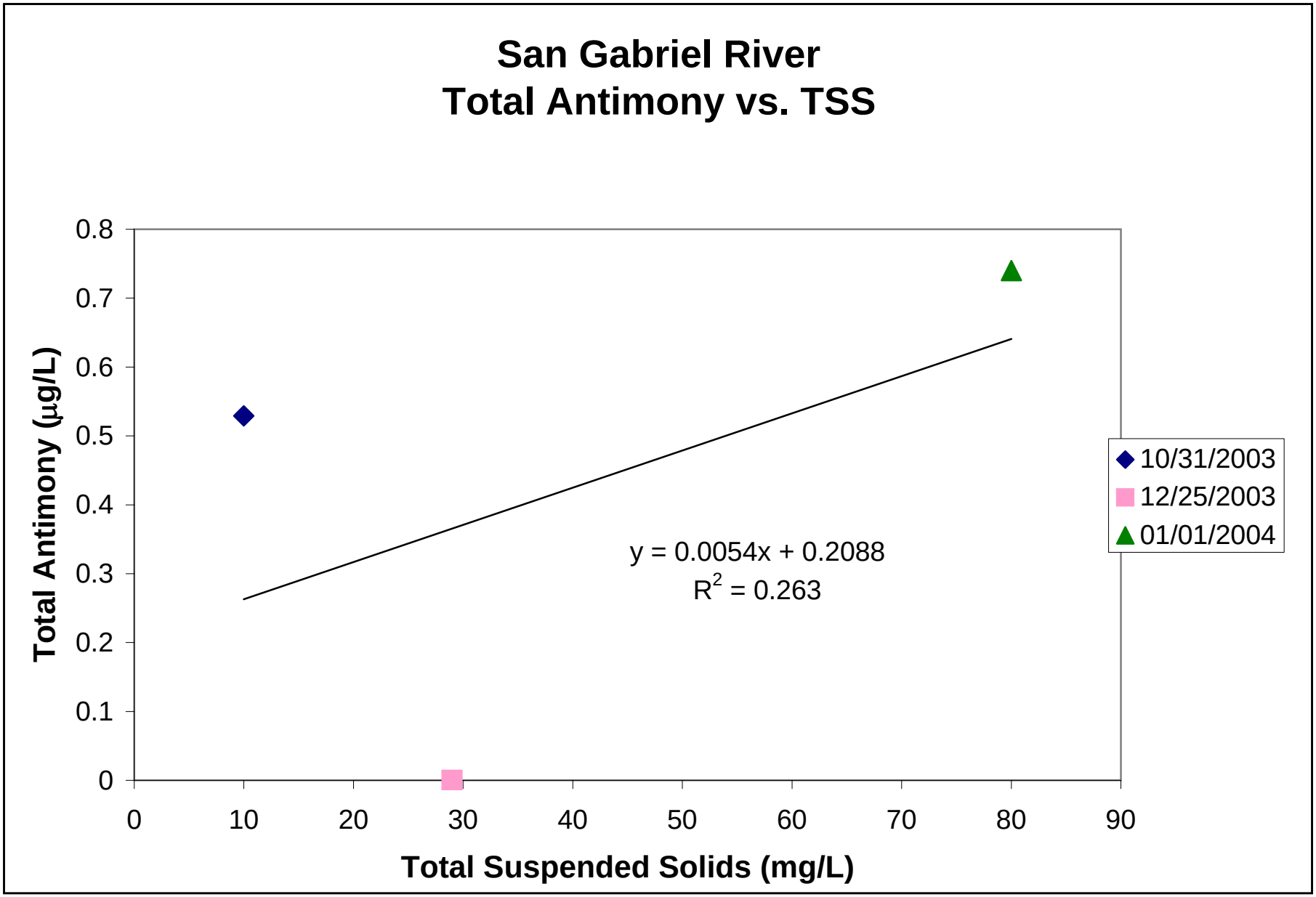

Coyote Creek
Total Nickel vs. TSS
Total Nickel (µg/L)
40
35
30
25
20
15
10
5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.017x + 2.7119
R2 = 0.9859
10/31/2003
12/25/2003
01/01/2004

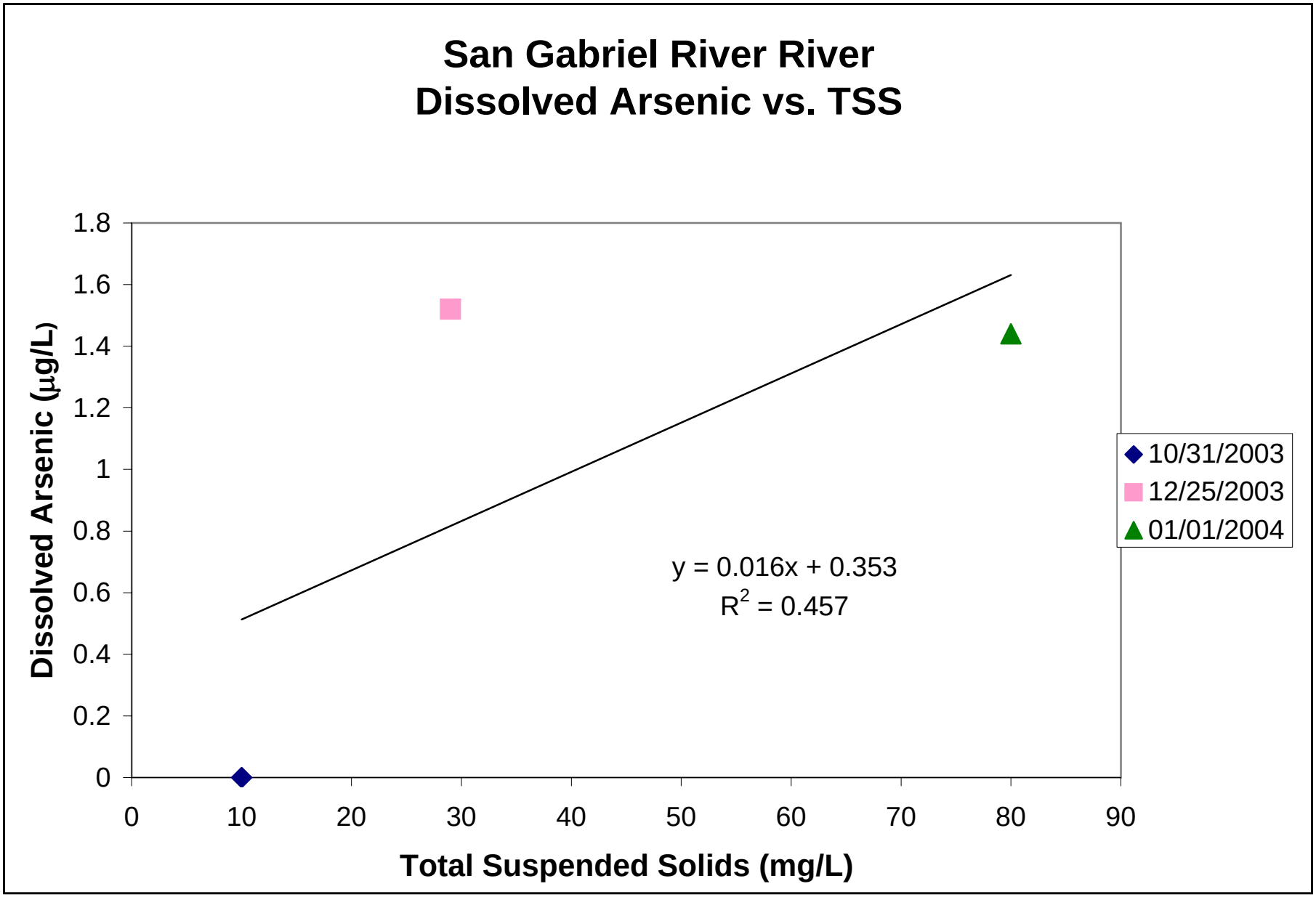

Coyote Creek
Dissolved Zinc vs. TSS
Dissolved Zinc (µg/L)
70
60
50
40
30
20
10
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = -0.0257x + 58.739
R2 = 0.8927
10/31/2003
12/25/2003
01/01/2004

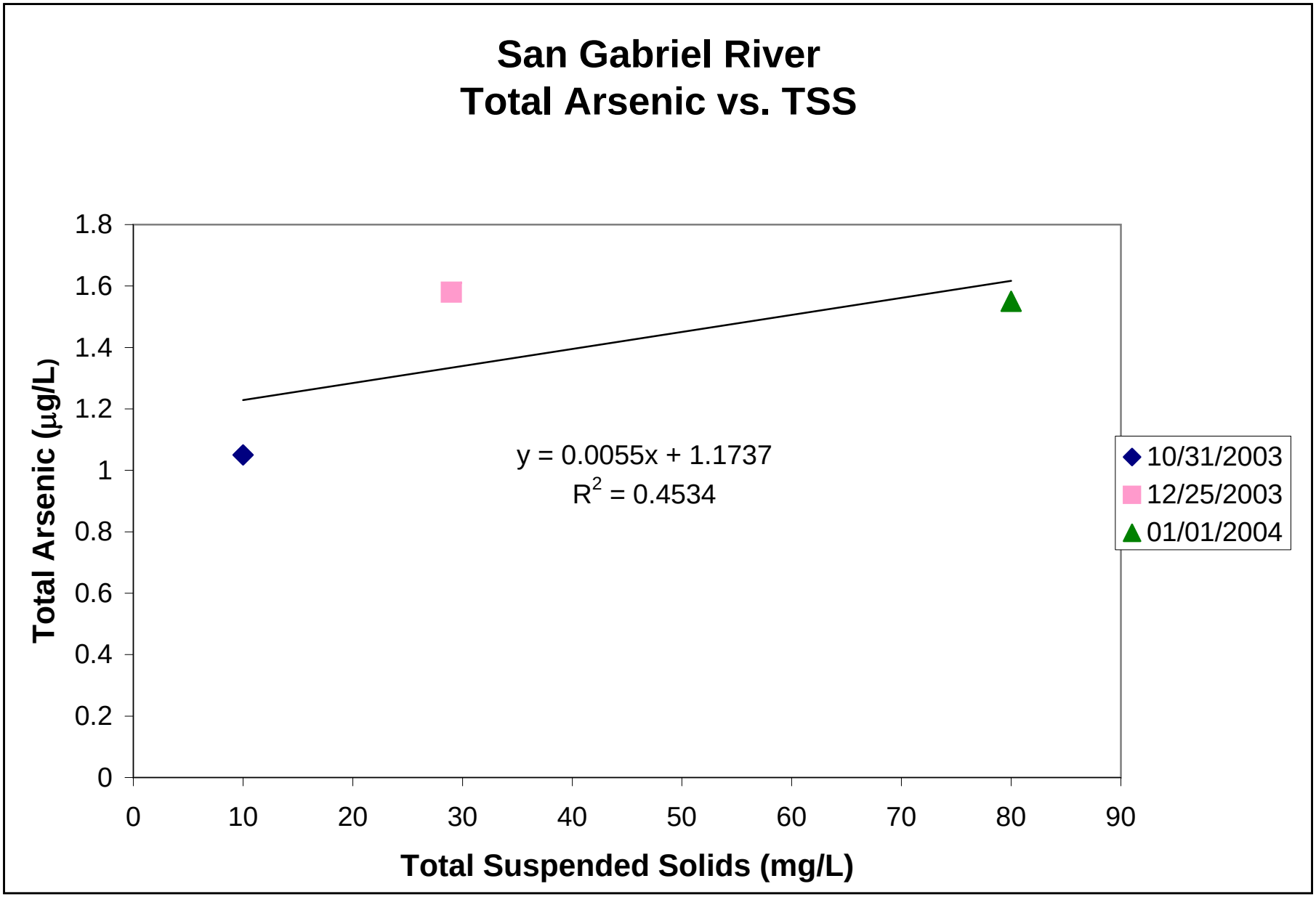

Coyote Creek
Total Zinc vs. TSS
Total Zinc (µg/L)
600
500
400
300
200
100
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.2443x + 20.528
R2 = 0.9675
10/31/2003
12/25/2003
01/01/2004

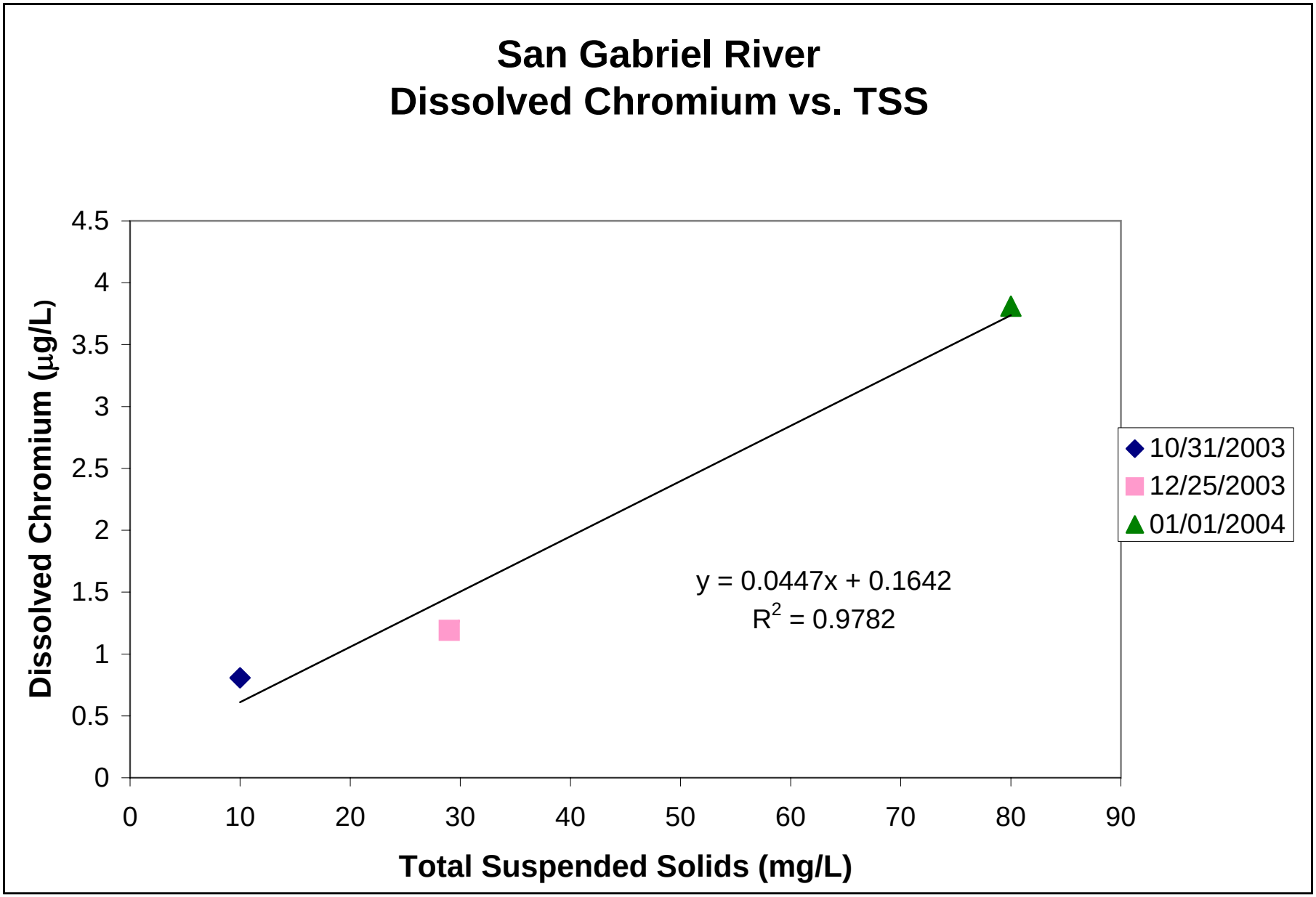

San Gabriel River
Total Aluminum vs. TSS
Total Aluminum (µg/L)
300
250
200
150
100
50
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = -0.552x + 233.23
R2 = 0.2304
10/31/2003
12/25/2003
01/01/2004

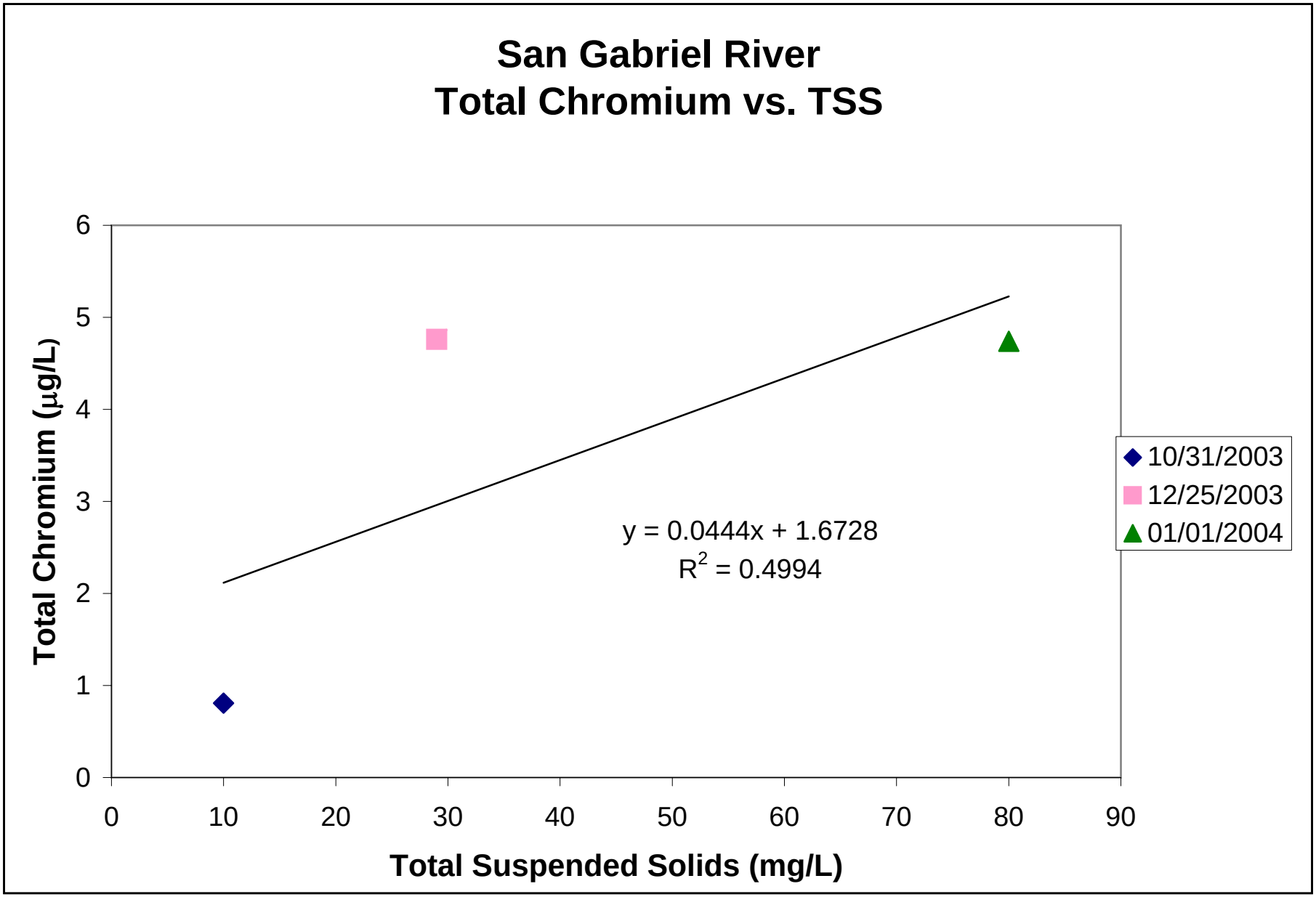

San Gabriel River
Dissolved Antimony vs. TSS
Dissolved Antimony (µg/L)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 0.0032x + 0.2476
R2 = 0.1284
10/31/2003
12/25/2003
01/01/2004

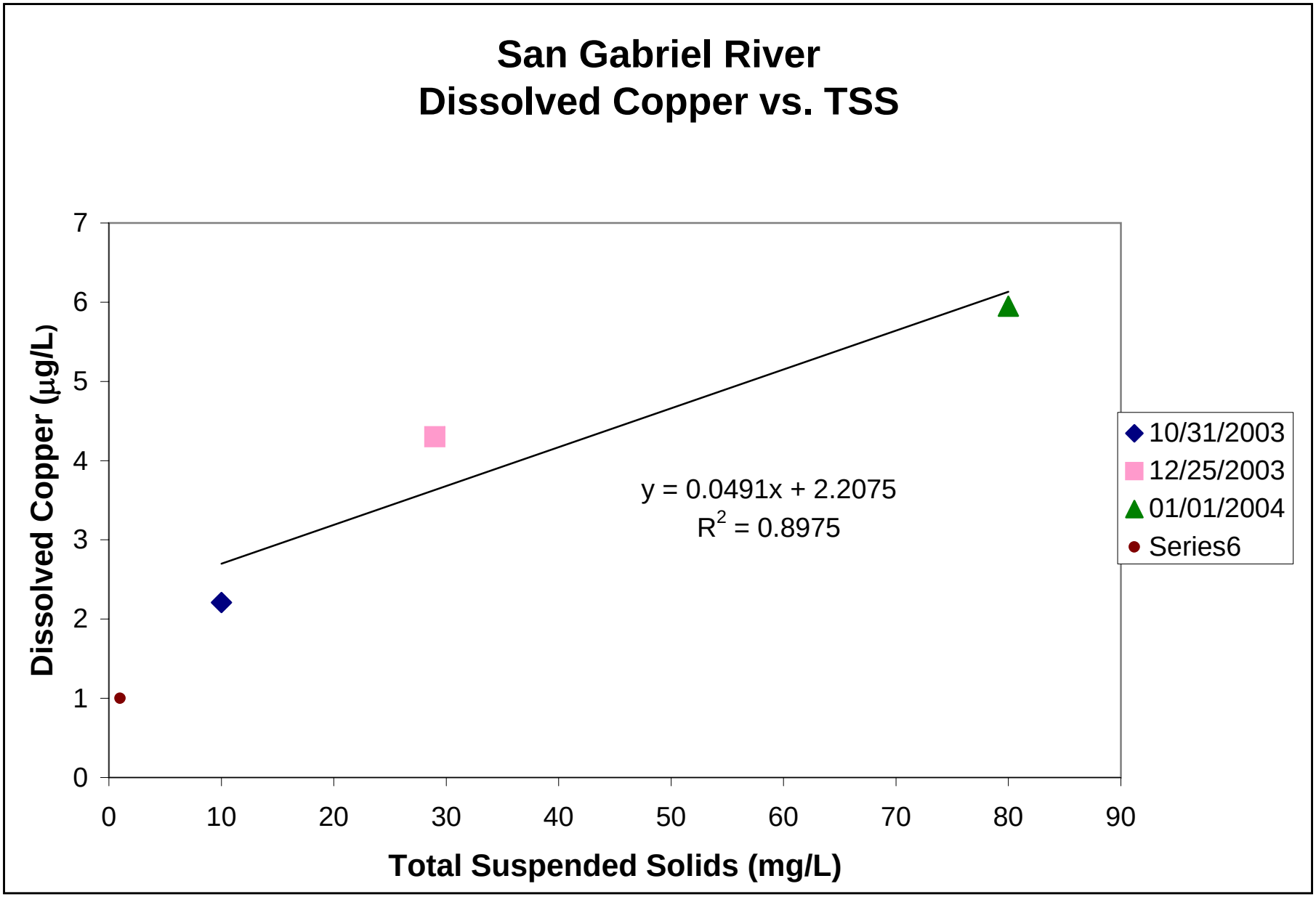

San Gabriel River
Total Antimony vs. TSS
Total Antimony (µg/L)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 0.0054x + 0.2088
R2 = 0.263
10/31/2003
12/25/2003
01/01/2004

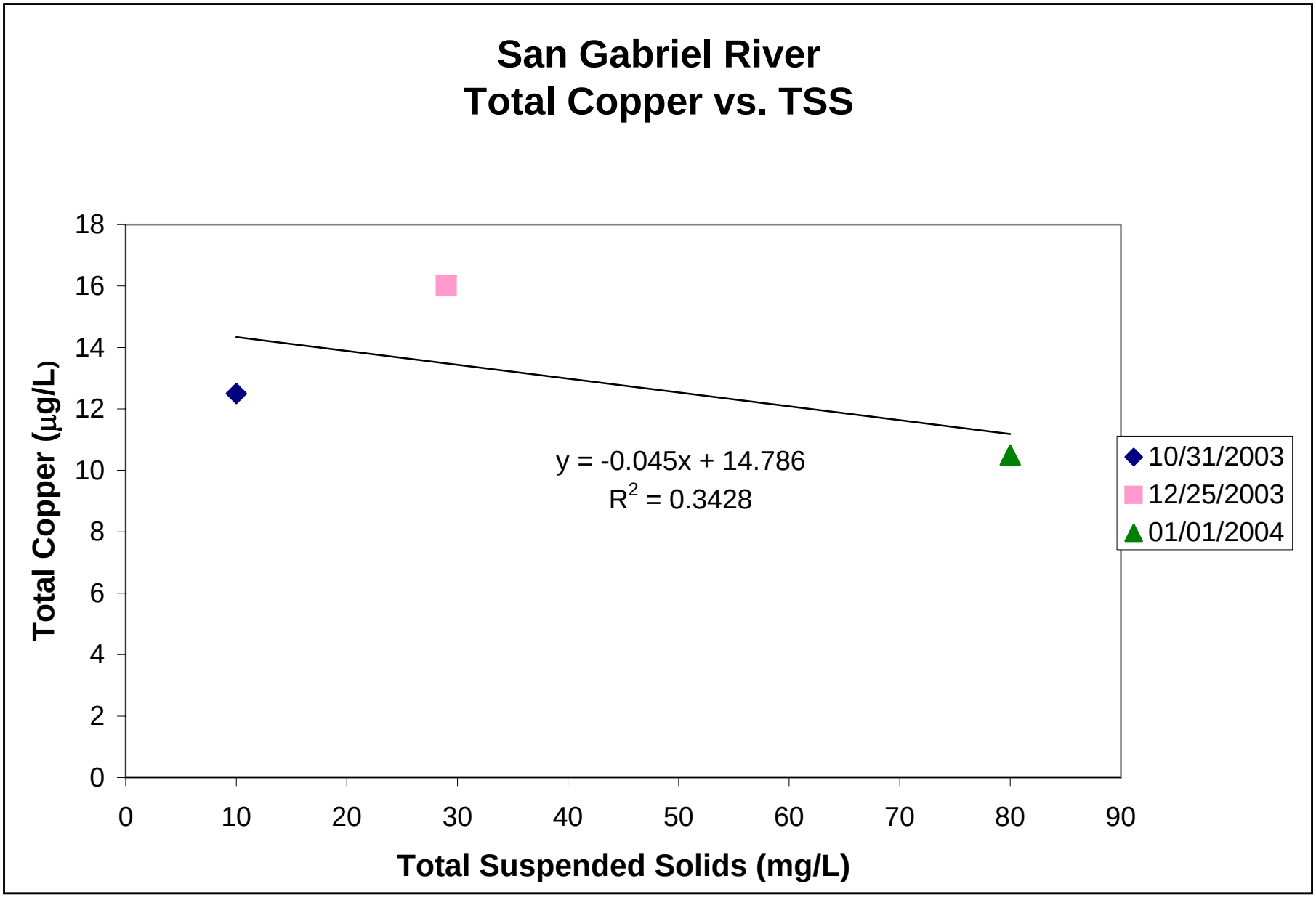

San Gabriel River River
Dissolved Arsenic vs. TSS
Dissolved Arsenic (µg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 0.016x + 0.353
R2 = 0.457
10/31/2003
12/25/2003
01/01/2004

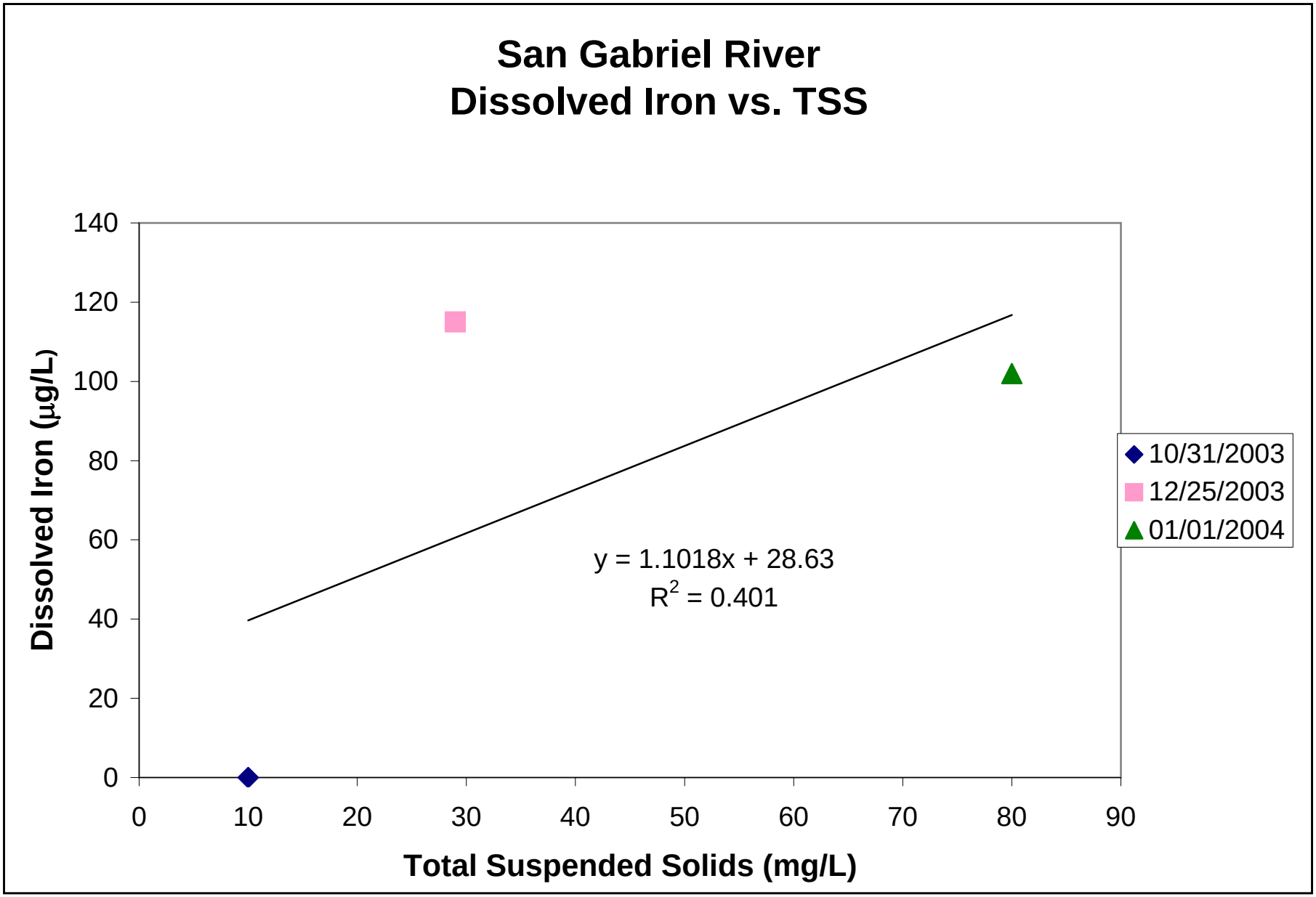

San Gabriel River
Total Arsenic vs. TSS
Total Arsenic (µg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 0.0055x + 1.1737
R2 = 0.4534
10/31/2003
12/25/2003
01/01/2004

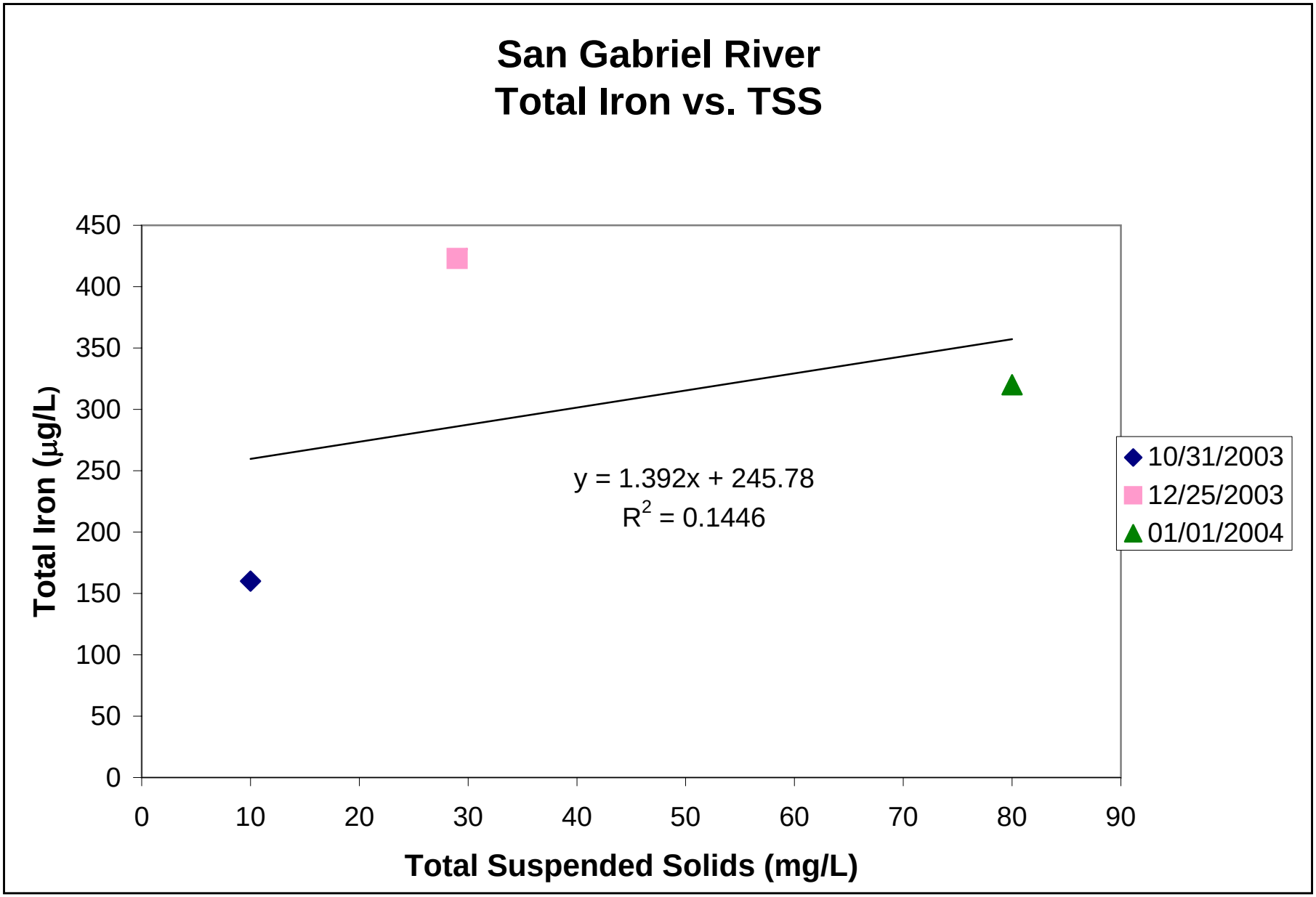

San Gabriel River
Dissolved Chromium vs. TSS
Dissolved Chromium (µg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 0.0447x + 0.1642
R2 = 0.9782
10/31/2003
12/25/2003
01/01/2004

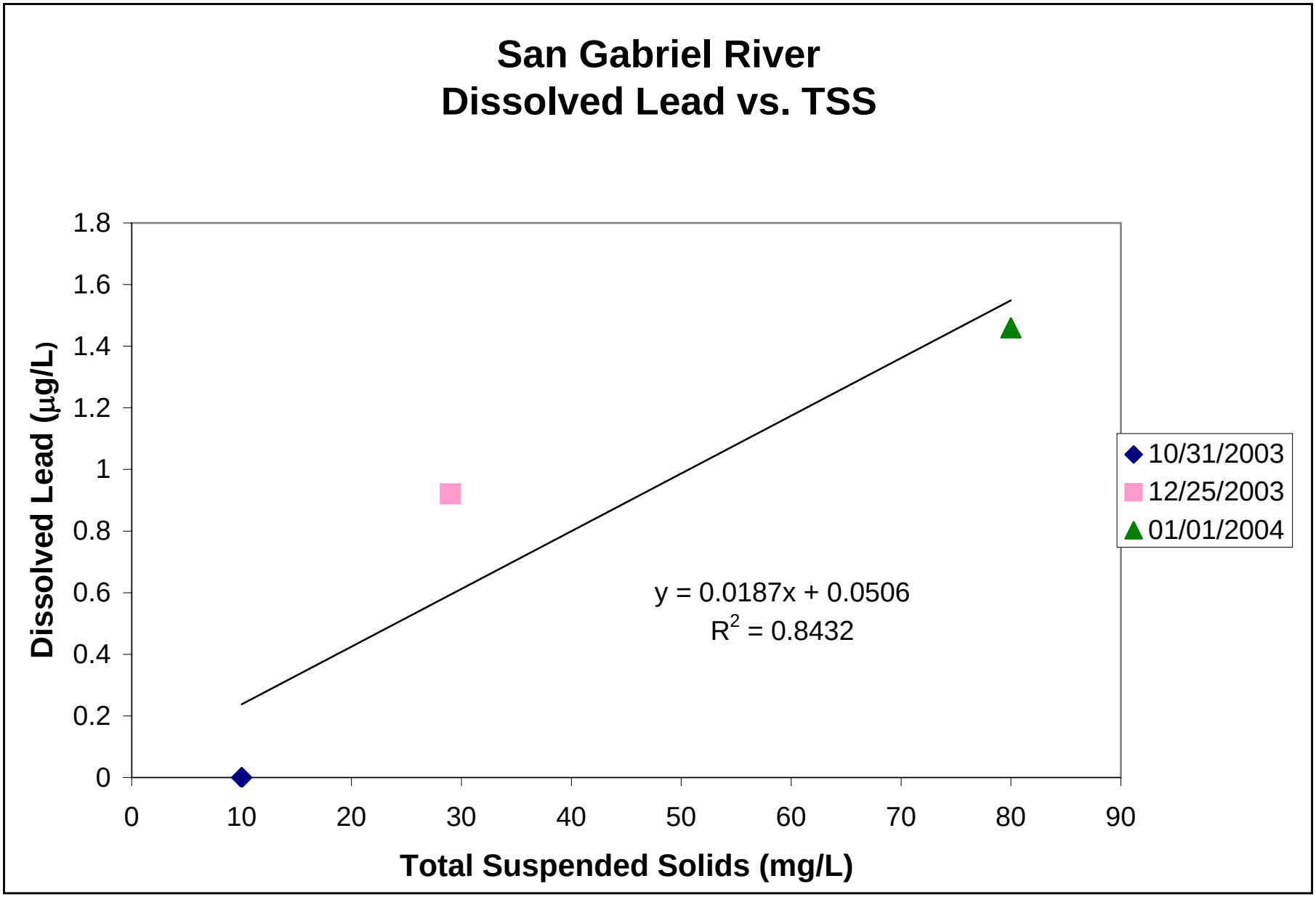

San Gabriel River
Total Chromium vs. TSS
Total Chromium (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
0
10
20
30
40
50
60
70
80
90
y = 0.0444x + 1.6728
R2 = 0.4994
10/31/2003
12/25/2003
01/01/2004

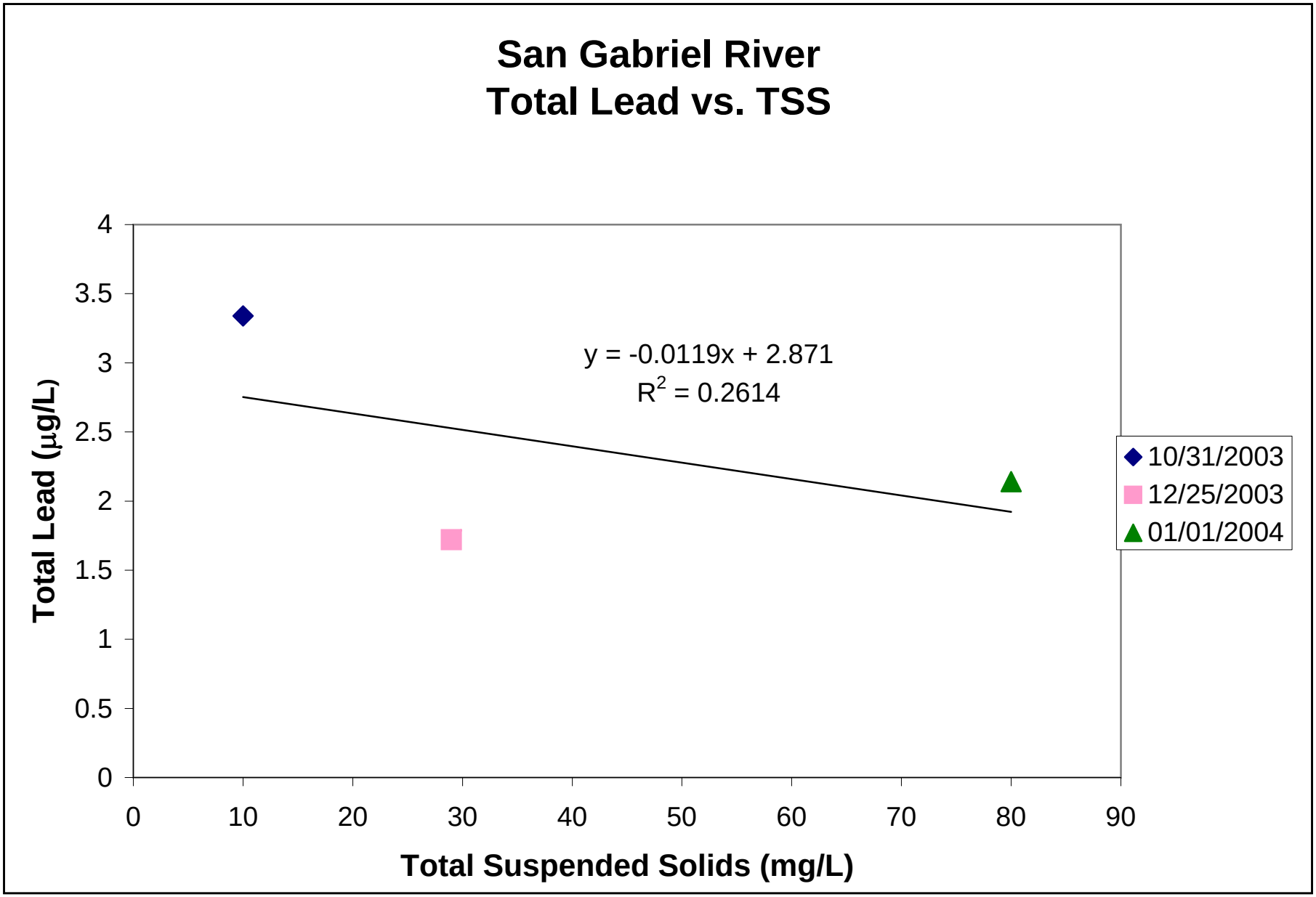

San Gabriel River
Dissolved Copper vs. TSS
Dissolved Copper (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
80
90
y = 0.0491x + 2.2075
R2 = 0.8975
10/31/2003
12/25/2003
01/01/2004
Series6

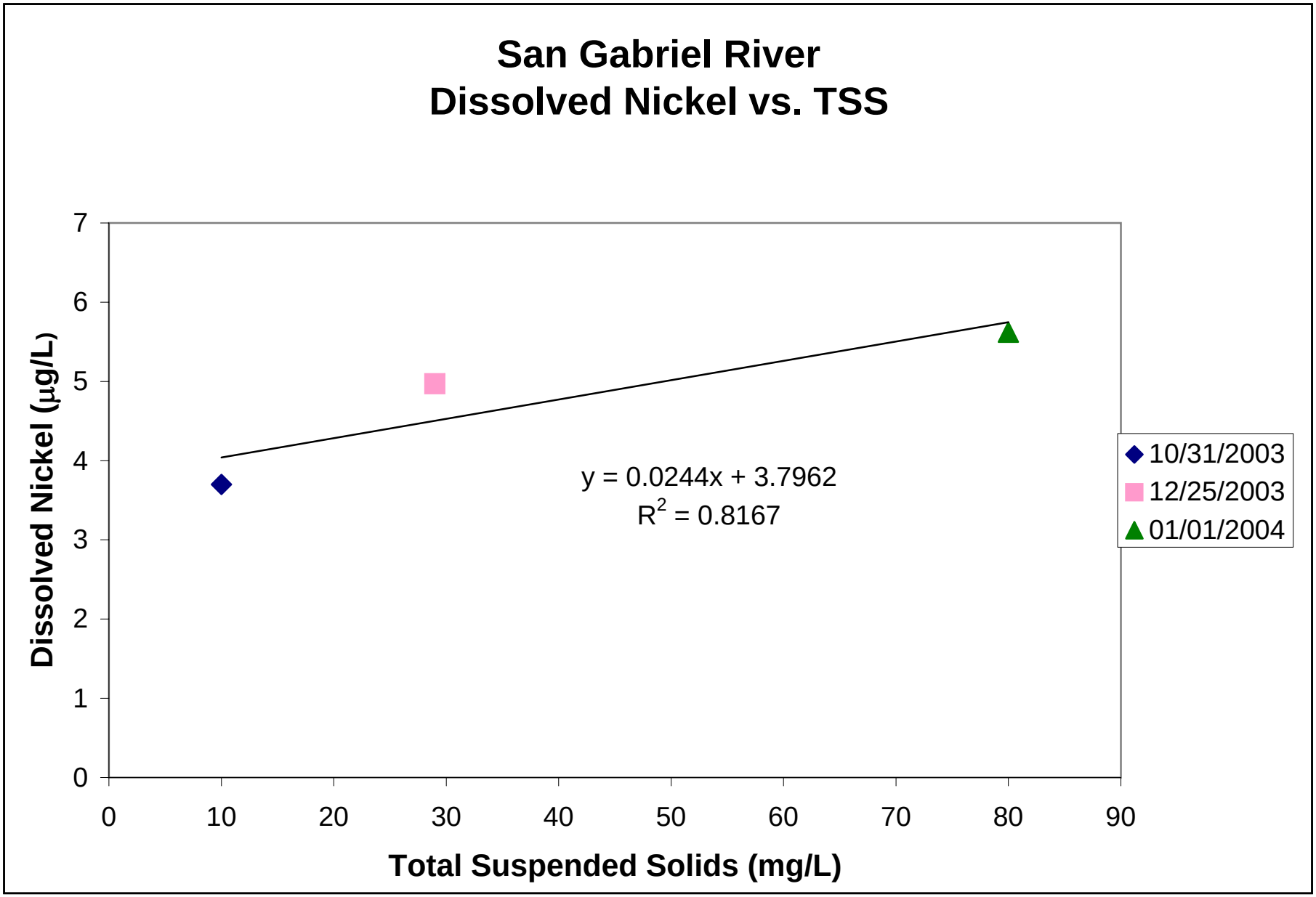

San Gabriel River
Total Copper vs. TSS
Total Copper (µg/L)
18
16
14
12
10
8
6
4
2
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = -0.045x + 14.786
R2 = 0.3428
10/31/2003
12/25/2003
01/01/2004

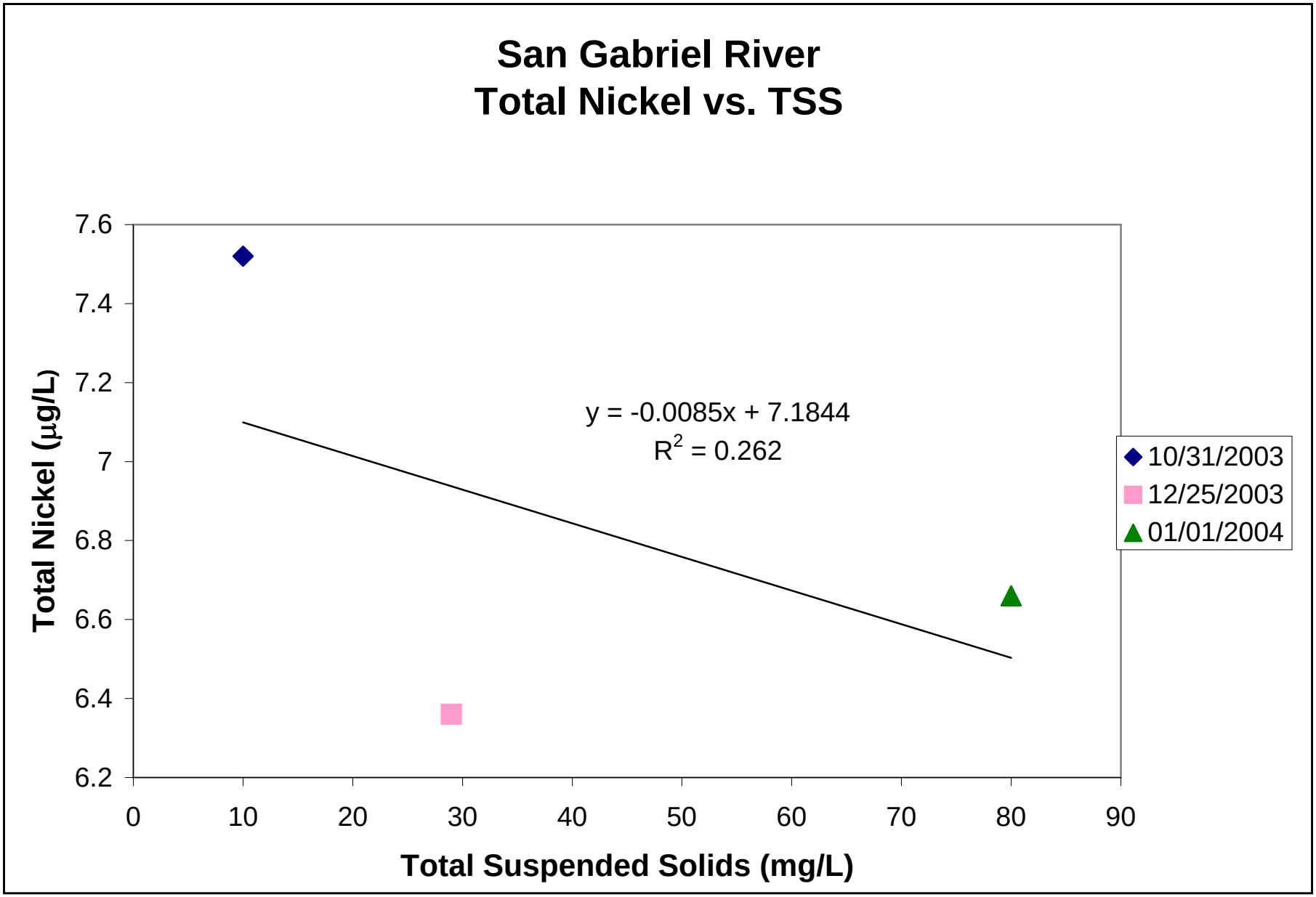

San Gabriel River
Dissolved Iron vs. TSS
Dissolved Iron (µg/L)
140
120
100
80
60
40
20
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 1.1018x + 28.63
R2 = 0.401
10/31/2003
12/25/2003
01/01/2004

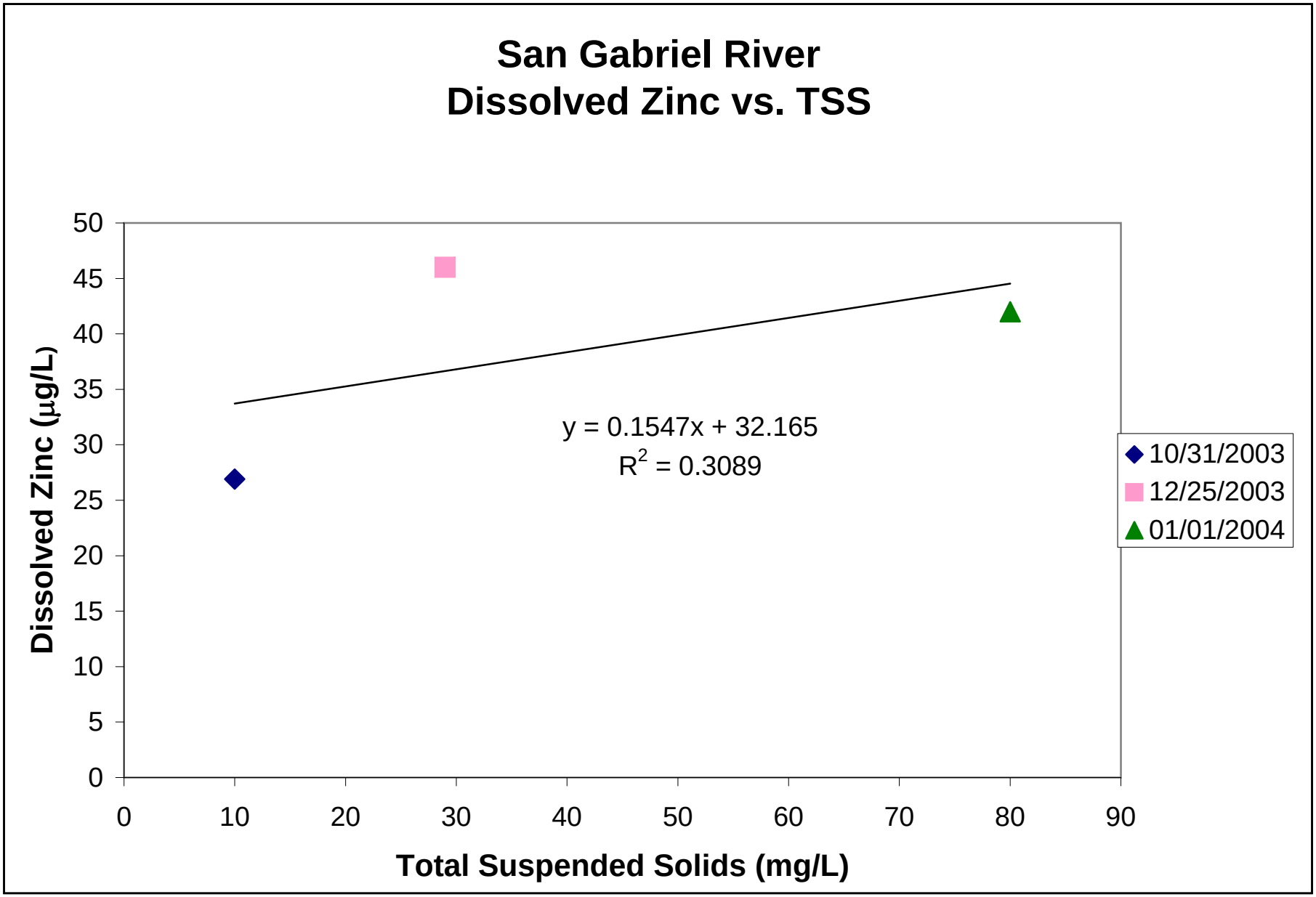

San Gabriel River
Total Iron vs. TSS
Total Iron (µg/L)
450
400
350
300
250
200
150
100
50
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 1.392x + 245.78
R2 = 0.1446
10/31/2003
12/25/2003
01/01/2004

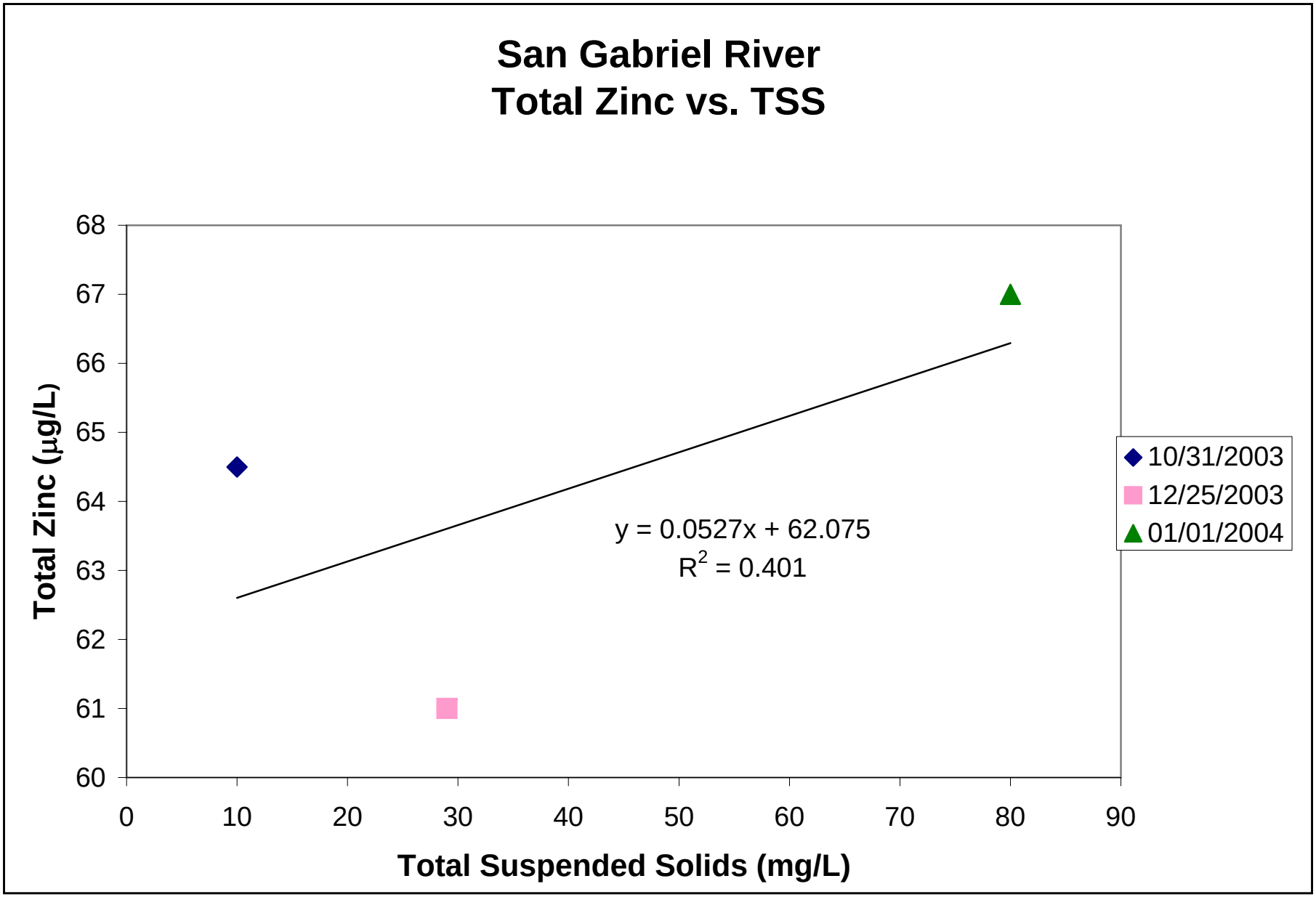

San Gabriel River
Dissolved Lead vs. TSS
Dissolved Lead (µg/L)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 0.0187x + 0.0506
R2 = 0.8432
10/31/2003
12/25/2003
01/01/2004

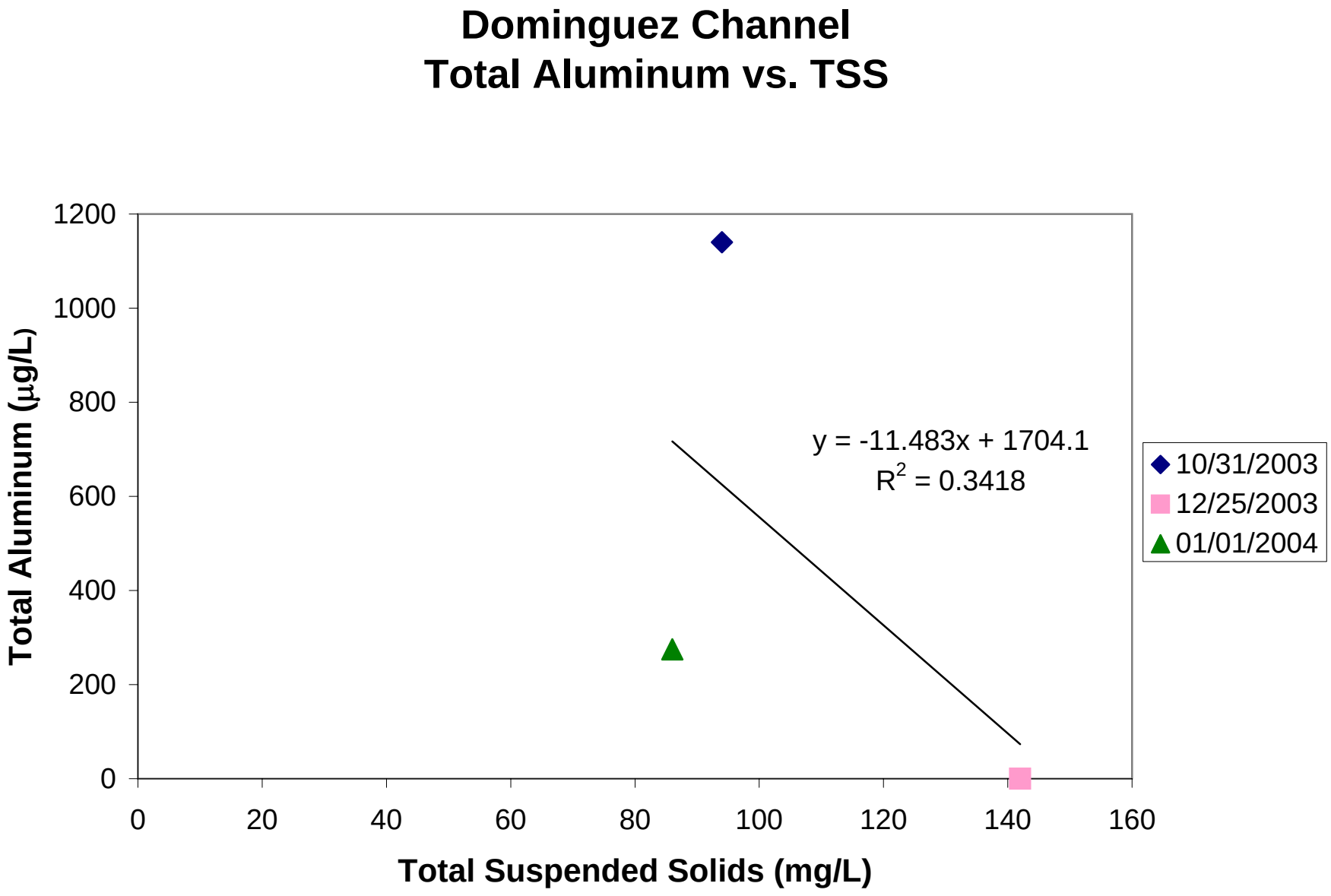

San Gabriel River
Total Lead vs. TSS
y = -0.0119x + 2.871
R2 = 0.2614
Total Lead (µg/L)
Total Suspended Solids (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
0
10
20
30
40
50
60
70
80
90
10/31/2003
12/25/2003
01/01/2004

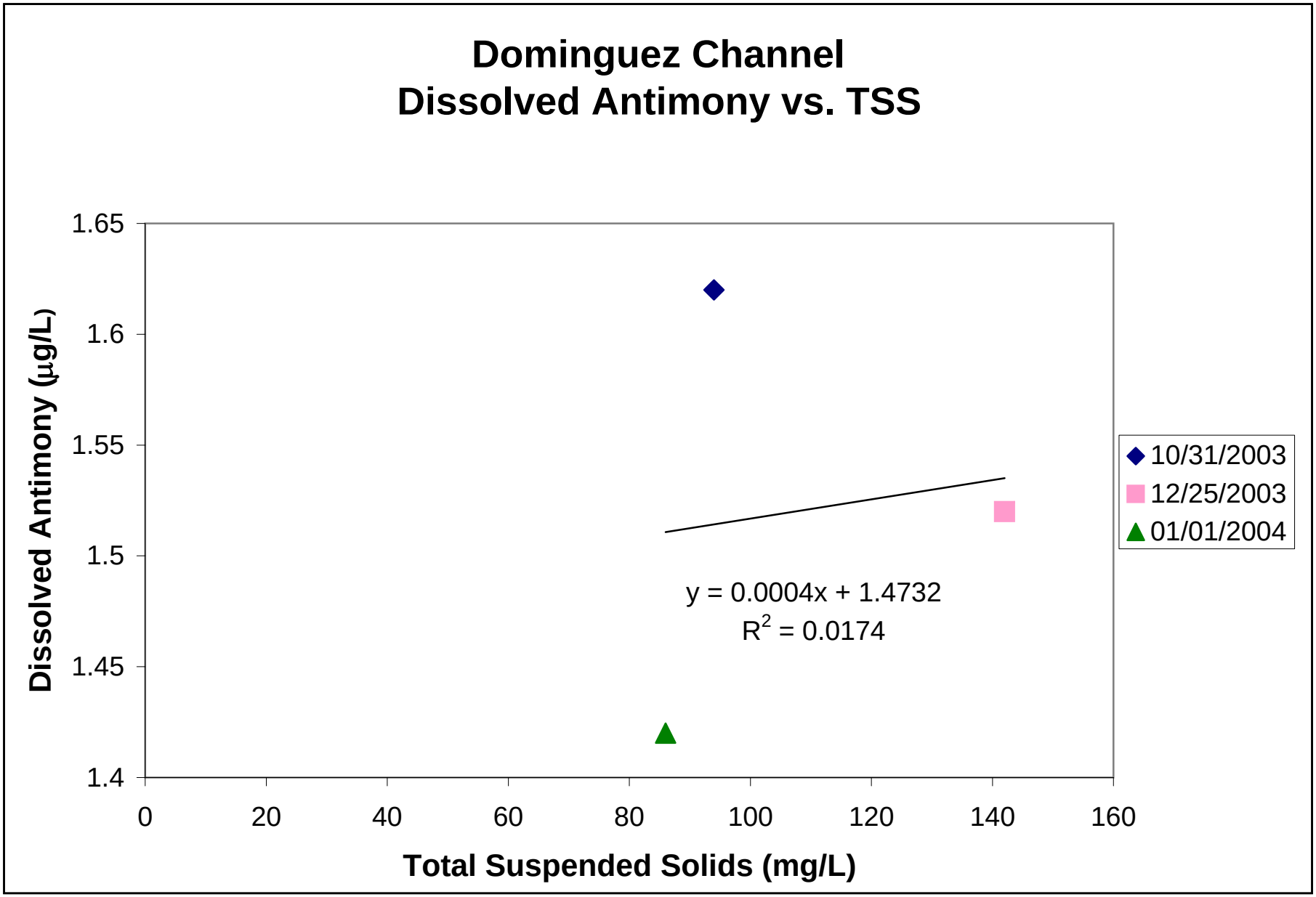

San Gabriel River
Dissolved Nickel vs. TSS
Dissolved Nickel (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
0
10
20
30
40
50
60
70
80
90
y = 0.0244x + 3.7962
R2 = 0.8167
10/31/2003
12/25/2003
01/01/2004

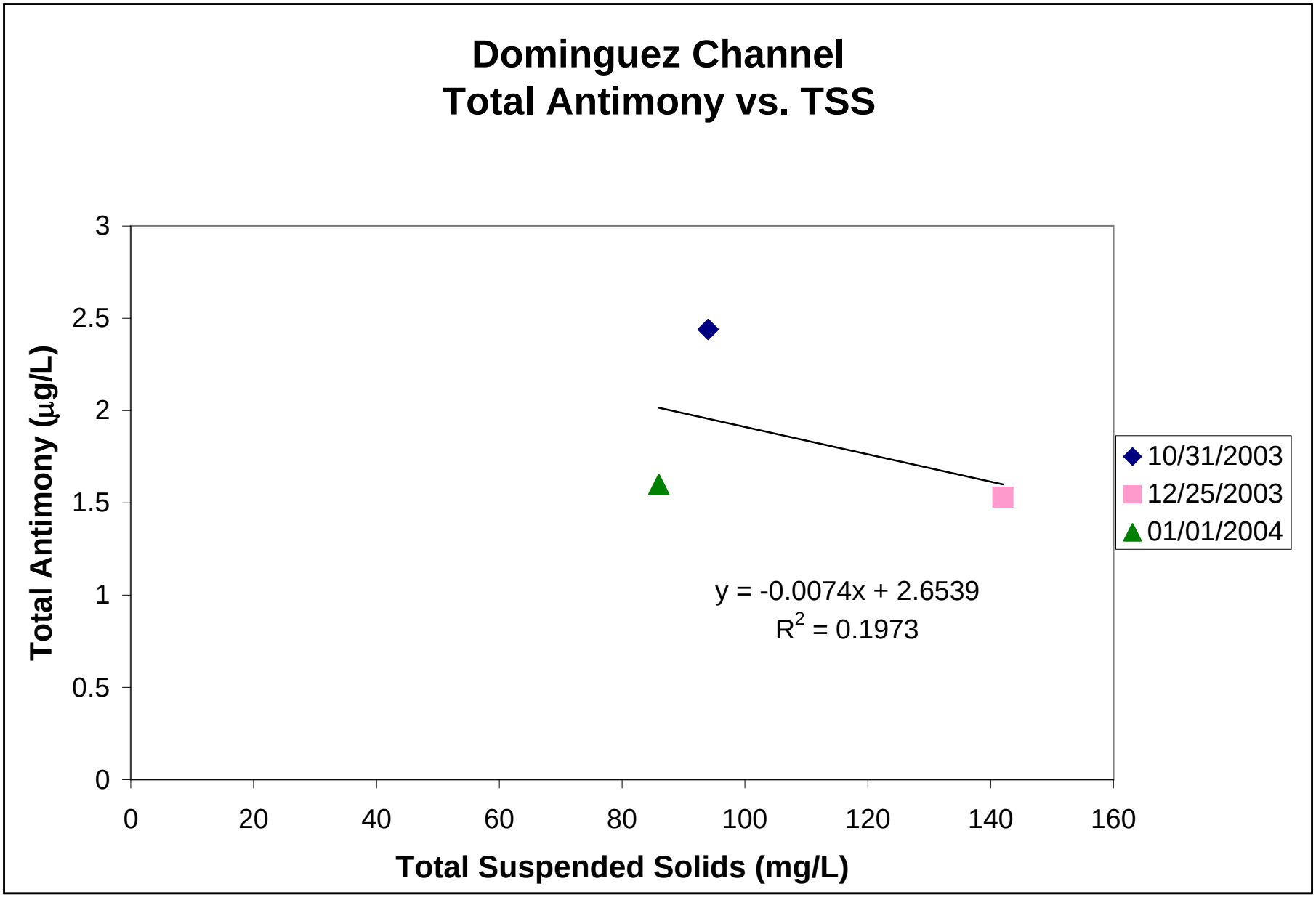

San Gabriel River
Total Nickel vs. TSS
Total Nickel (µg/L)
7.6
7.4
7.2
7
6.8
6.6
6.4
6.2
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = -0.0085x + 7.1844
R2 = 0.262
10/31/2003
12/25/2003
01/01/2004

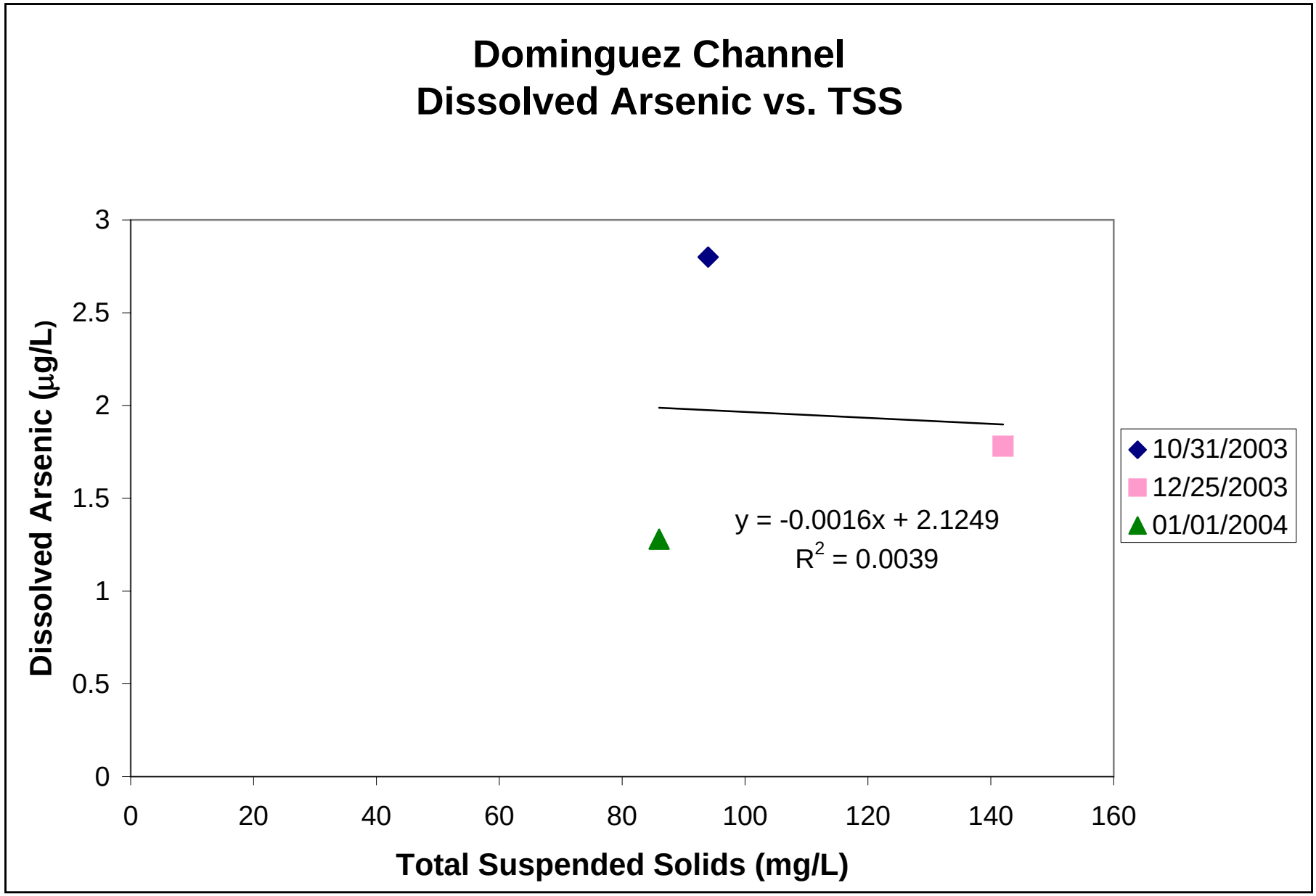

San Gabriel River
Dissolved Zinc vs. TSS
Dissolved Zinc (µg/L)
50
45
40
35
30
25
20
15
10
5
0
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 0.1547x + 32.165
R2 = 0.3089
10/31/2003
12/25/2003
01/01/2004

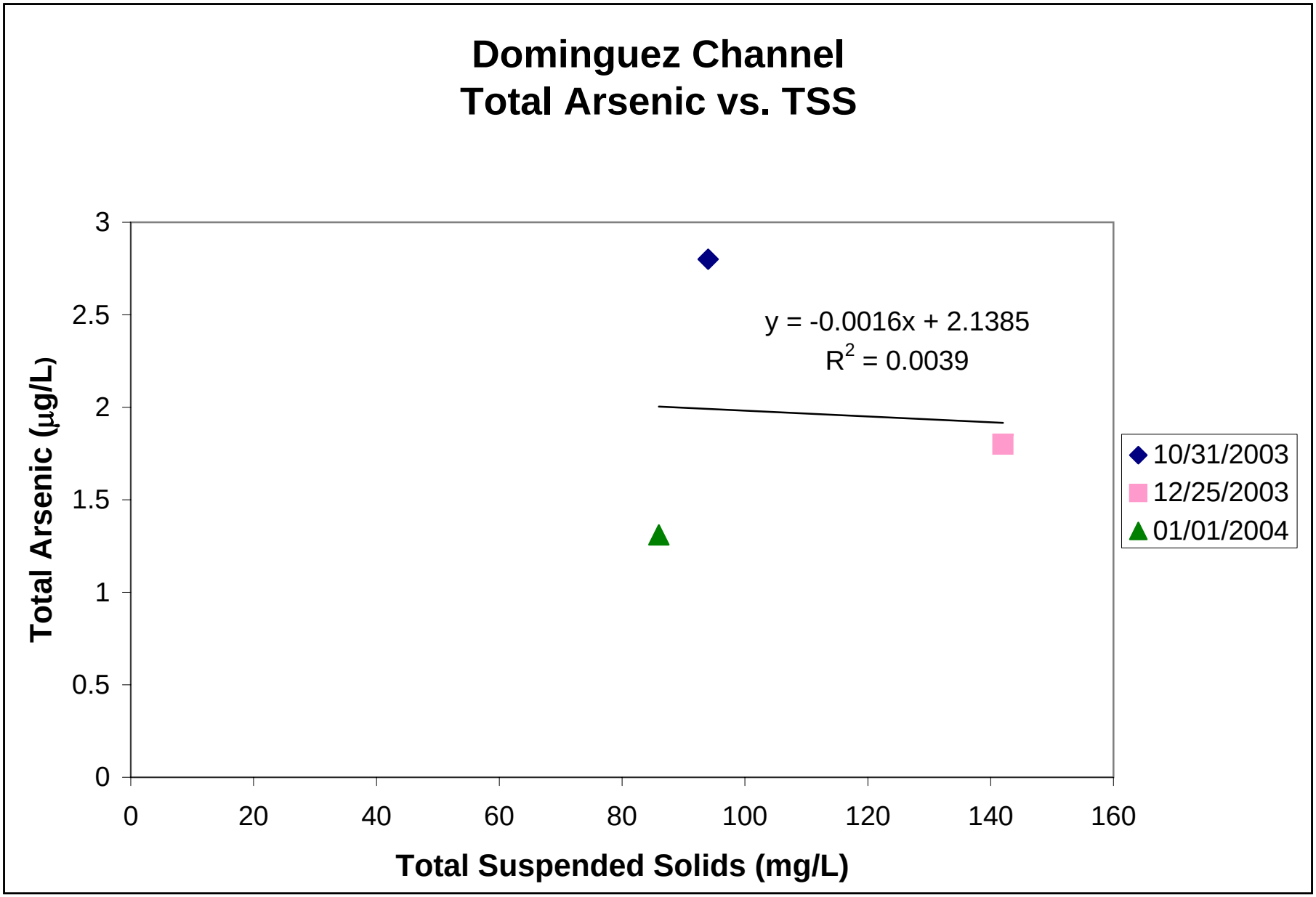

San Gabriel River
Total Zinc vs. TSS
Total Zinc (µg/L)
68
67
66
65
64
63
62
61
60
0
10
20
30
40
50
60
70
80
90
Total Suspended Solids (mg/L)
y = 0.0527x + 62.075
R2 = 0.401
10/31/2003
12/25/2003
01/01/2004

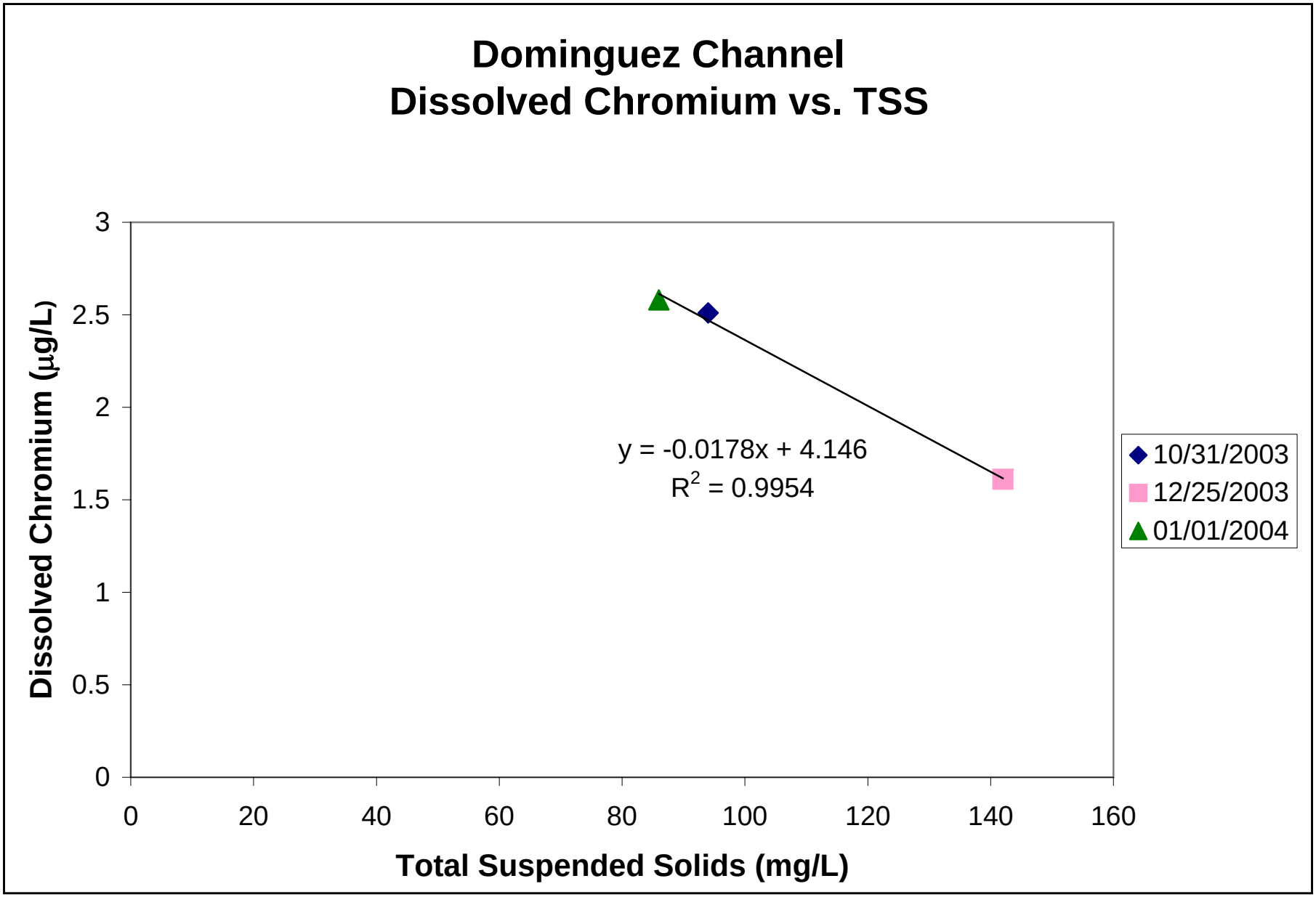

Dominguez Channel
Total Aluminum vs. TSS
Total Aluminum (µg/L)
1200
1000
800
600
400
200
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = -11.483x + 1704.1
R2 = 0.3418
10/31/2003
12/25/2003
01/01/2004

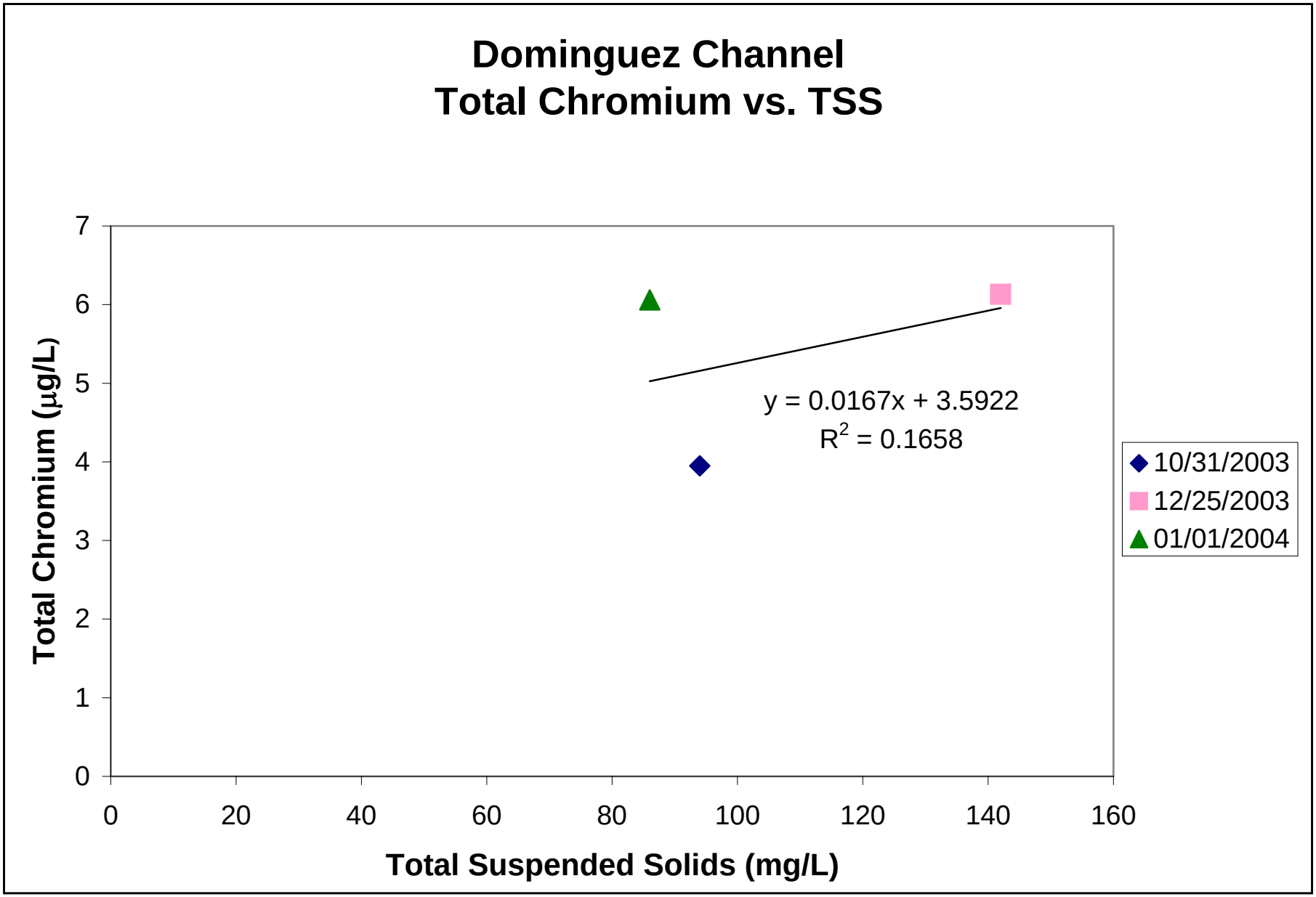

Dominguez Channel
Dissolved Antimony vs. TSS
Dissolved Antimony (µg/L)
1.65
1.6
1.55
1.5
1.45
1.4
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = 0.0004x + 1.4732
R2 = 0.0174
10/31/2003
12/25/2003
01/01/2004

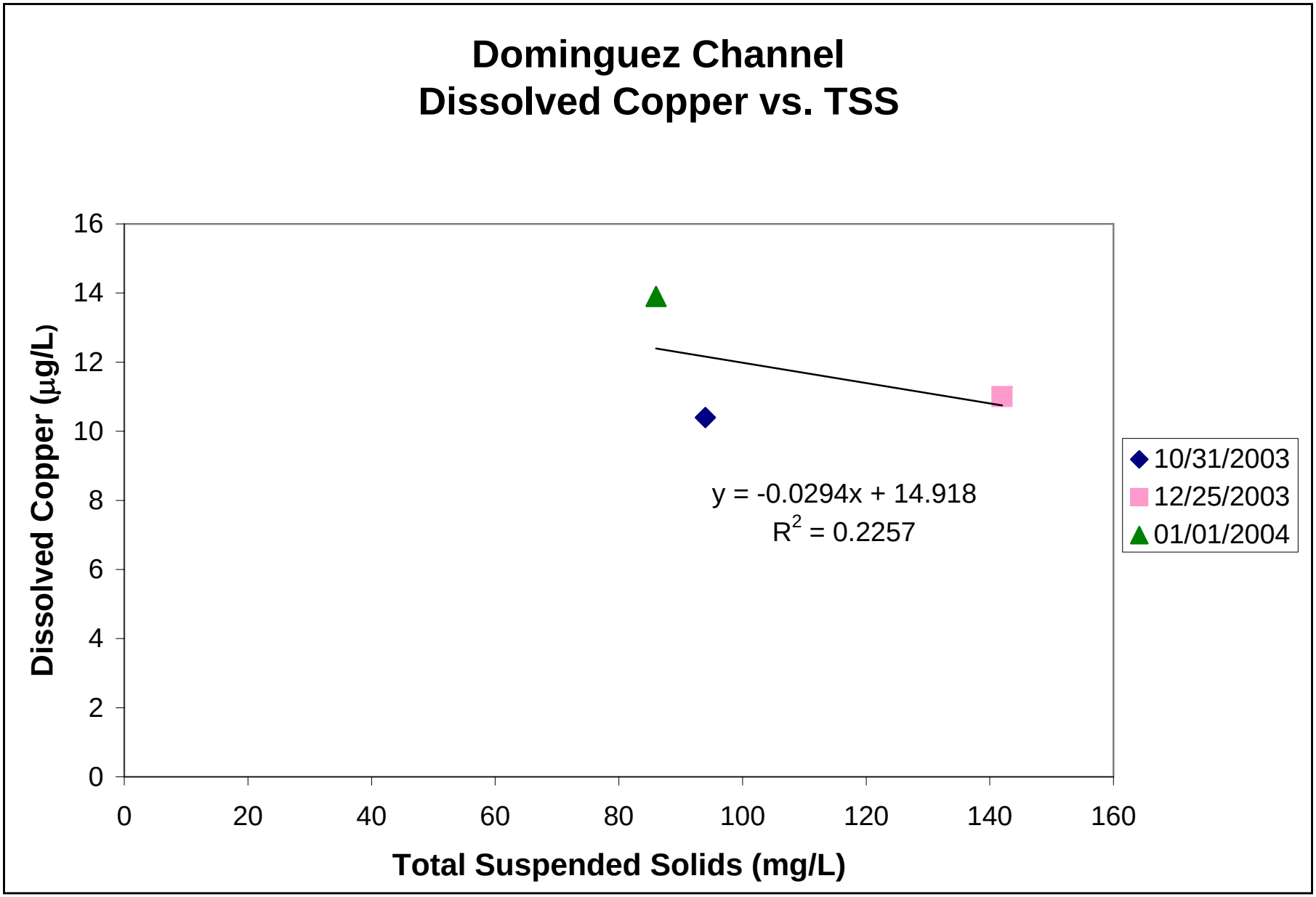

Dominguez Channel
Total Antimony vs. TSS
Total Antimony (µg/L)
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = -0.0074x + 2.6539
R2 = 0.1973
10/31/2003
12/25/2003
01/01/2004

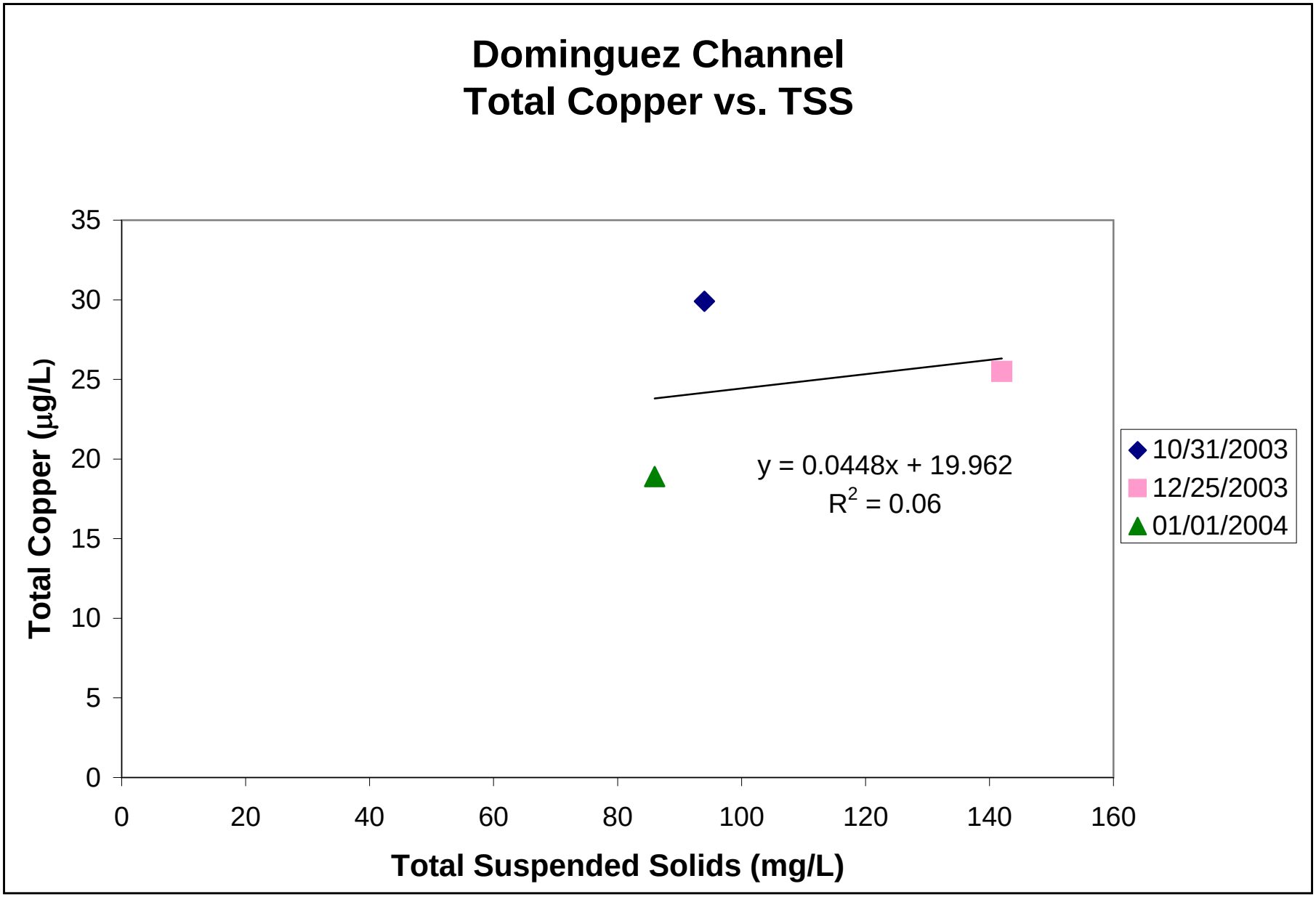

Dominguez Channel
Dissolved Arsenic vs. TSS
Dissolved Arsenic (µg/L)
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = -0.0016x + 2.1249
R2 = 0.0039
10/31/2003
12/25/2003
01/01/2004

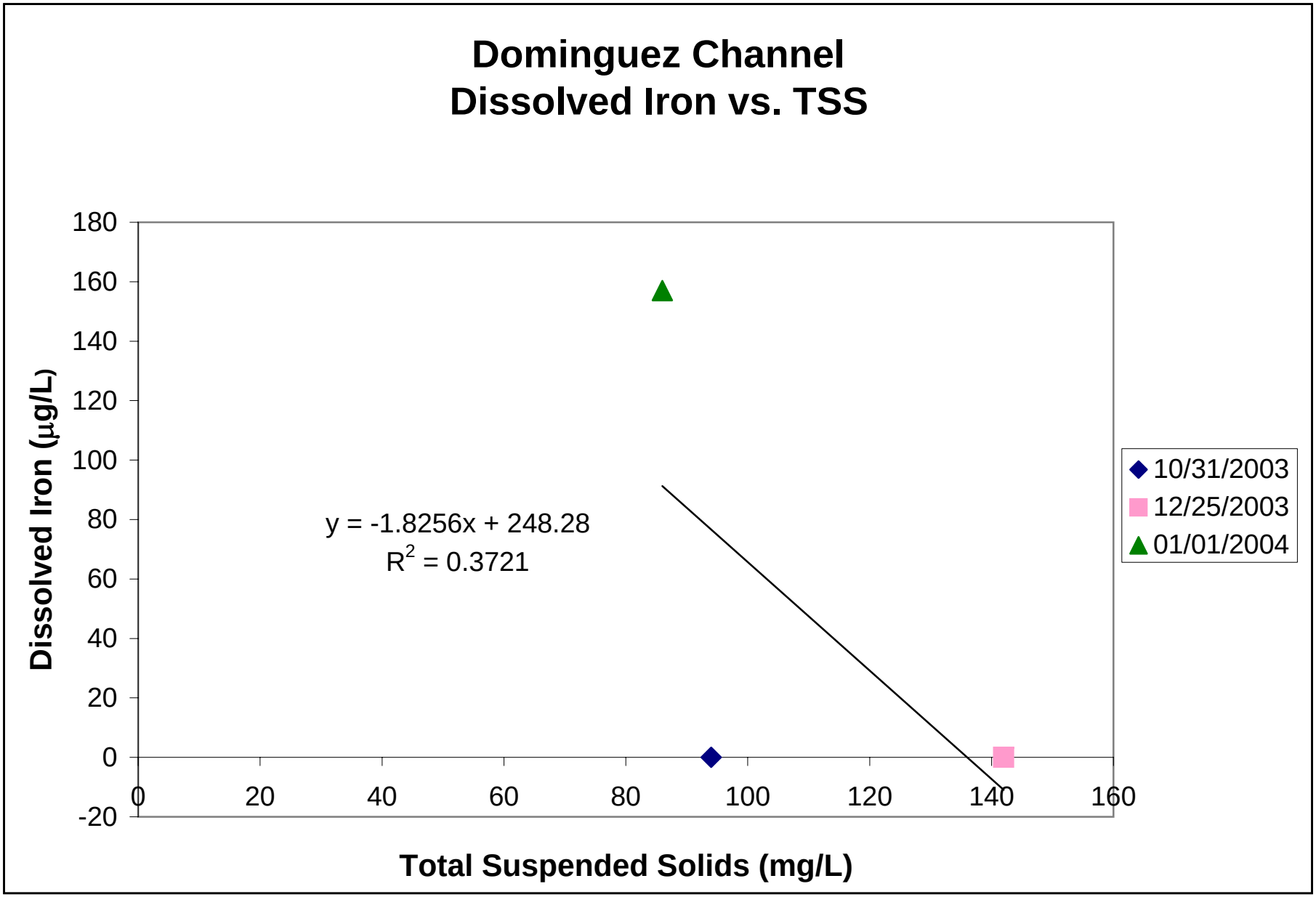

Dominguez Channel
Total Arsenic vs. TSS
y = -0.0016x + 2.1385
R2 = 0.0039
Total Arsenic (µg/L)
Total Suspended Solids (mg/L)
0
0.5
1
1.5
2
2.5
3
0
20
40
60
80
100
120
140
160
10/31/2003
12/25/2003
01/01/2004

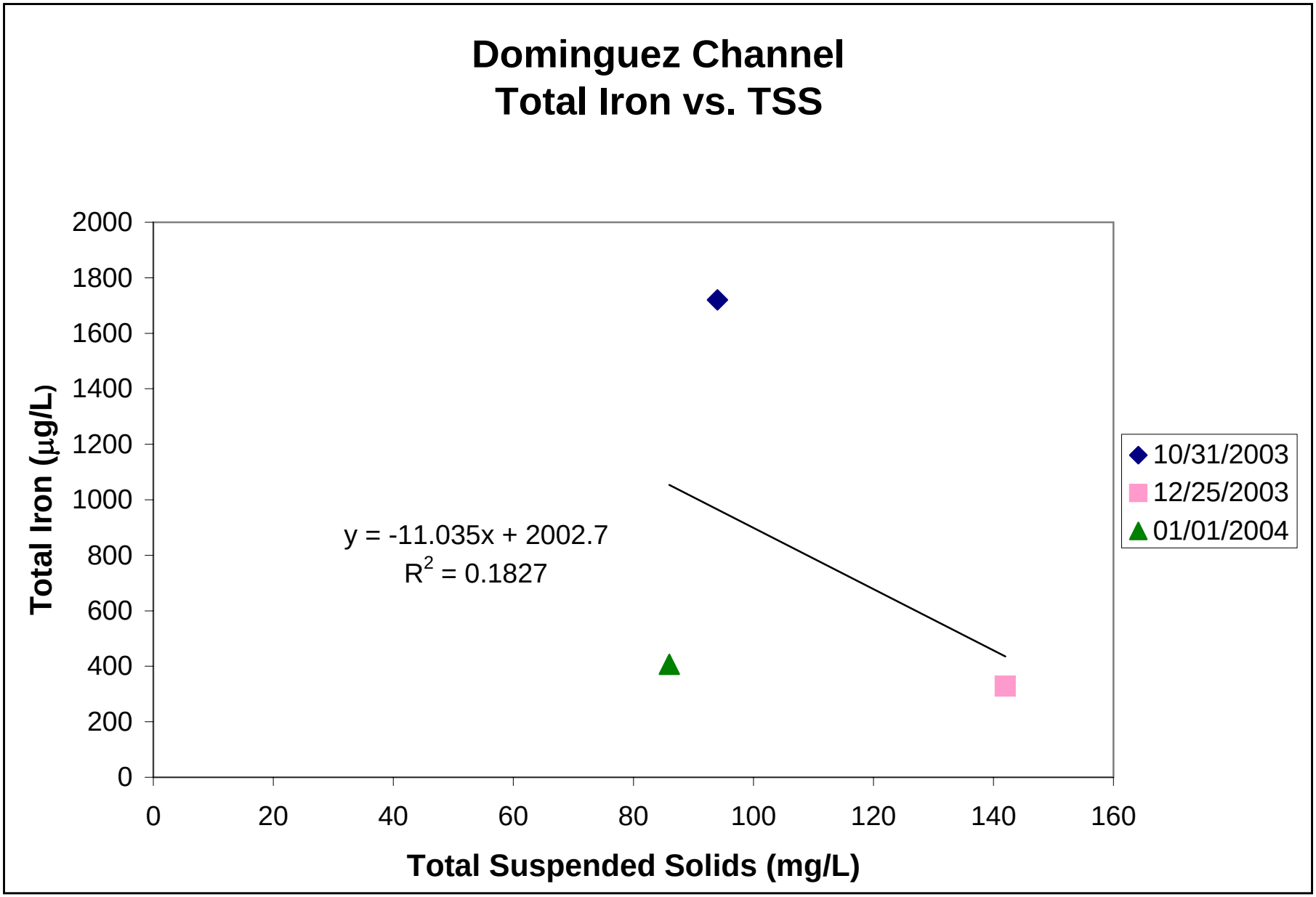

Dominguez Channel
Dissolved Chromium vs. TSS
Dissolved Chromium (µg/L)
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = -0.0178x + 4.146
R2 = 0.9954
10/31/2003
12/25/2003
01/01/2004

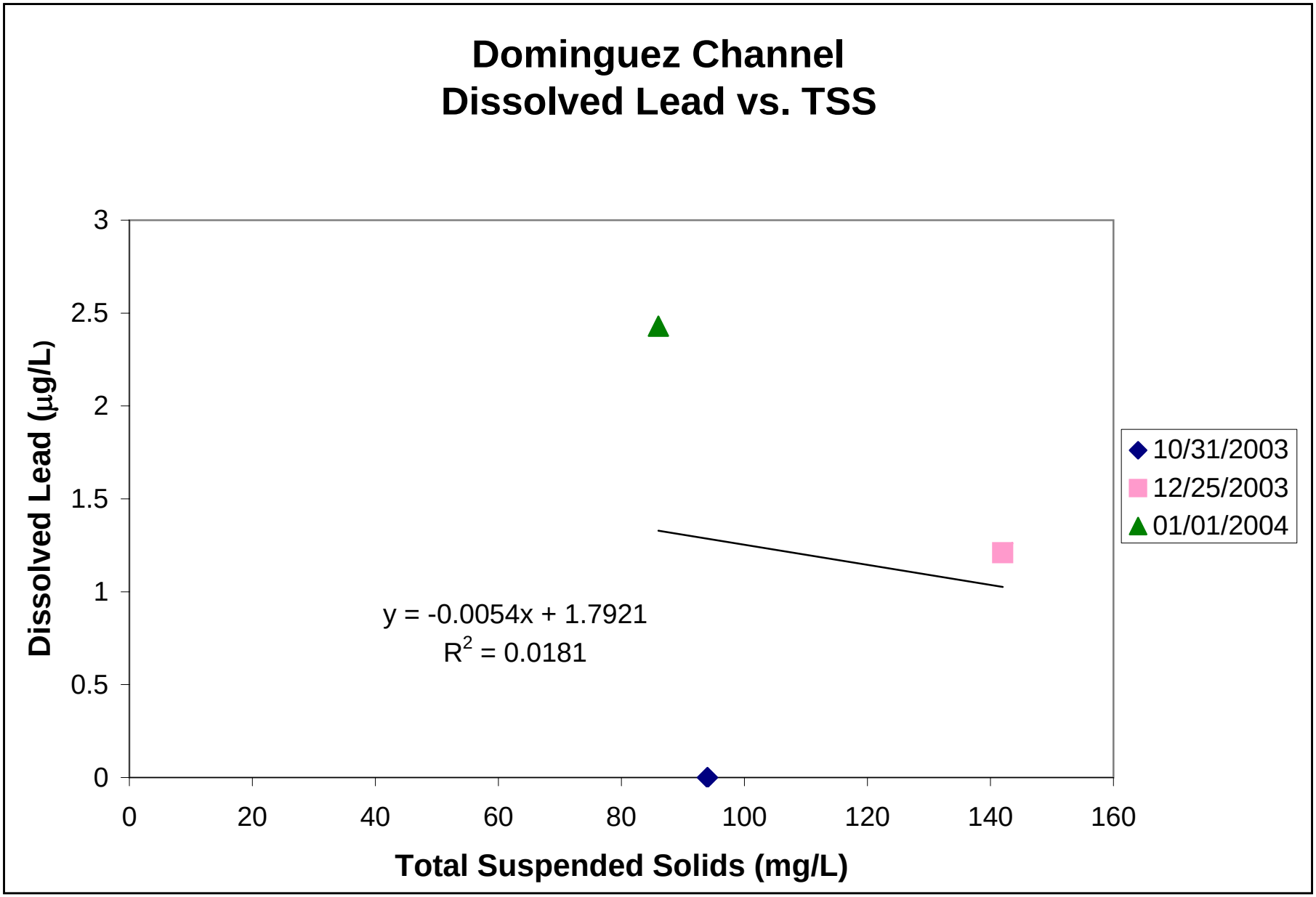

Dominguez Channel
Total Chromium vs. TSS
Total Chromium (µg/L)
Total Suspended Solids (mg/L)
0
1
2
3
4
5
6
7
0
20
40
60
80
100
120
140
160
y = 0.0167x + 3.5922
R2 = 0.1658
10/31/2003
12/25/2003
01/01/2004

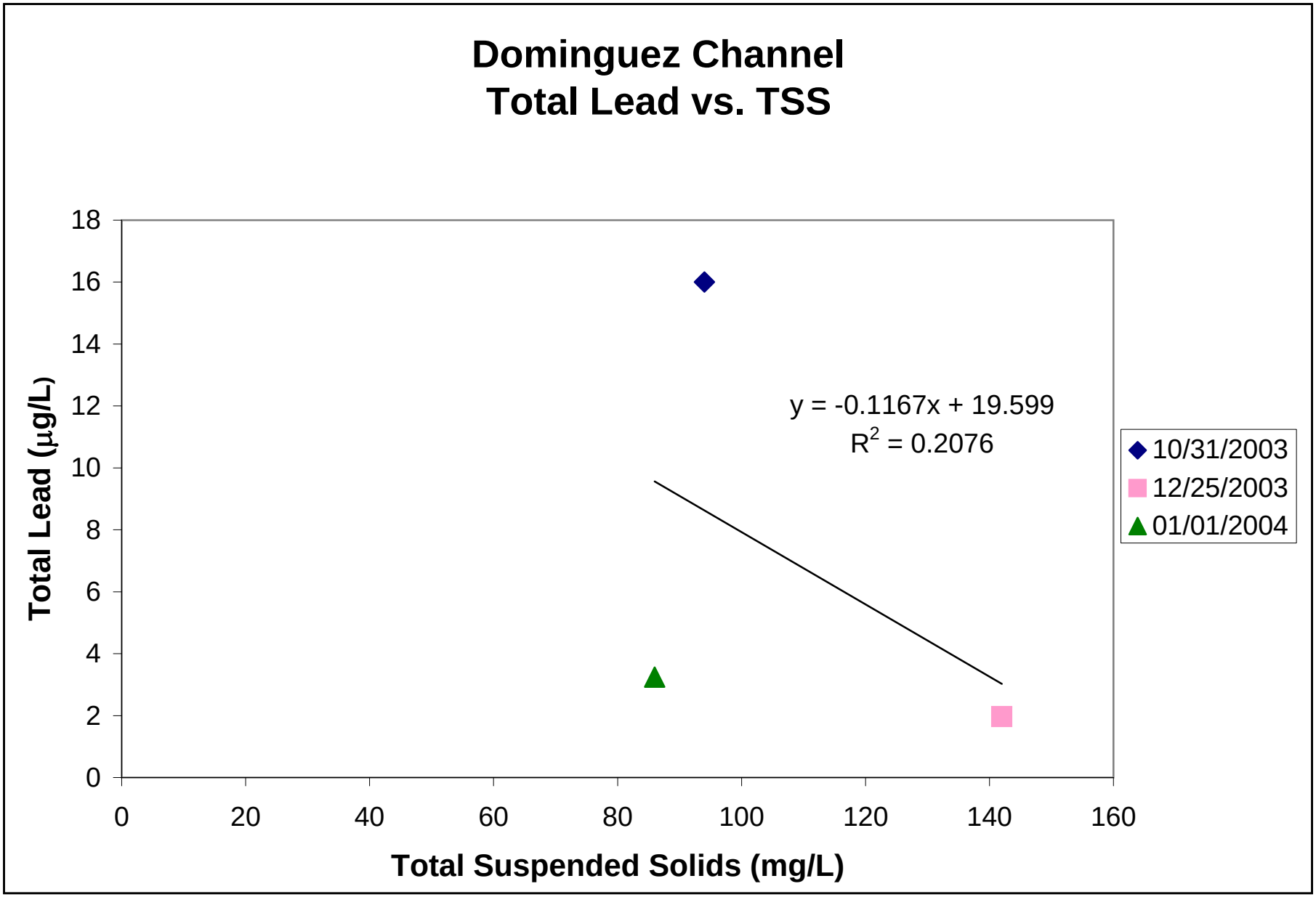

Dominguez Channel
Dissolved Copper vs. TSS
Dissolved Copper (µg/L)
16
14
12
10
8
6
4
2
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = -0.0294x + 14.918
R2 = 0.2257
10/31/2003
12/25/2003
01/01/2004

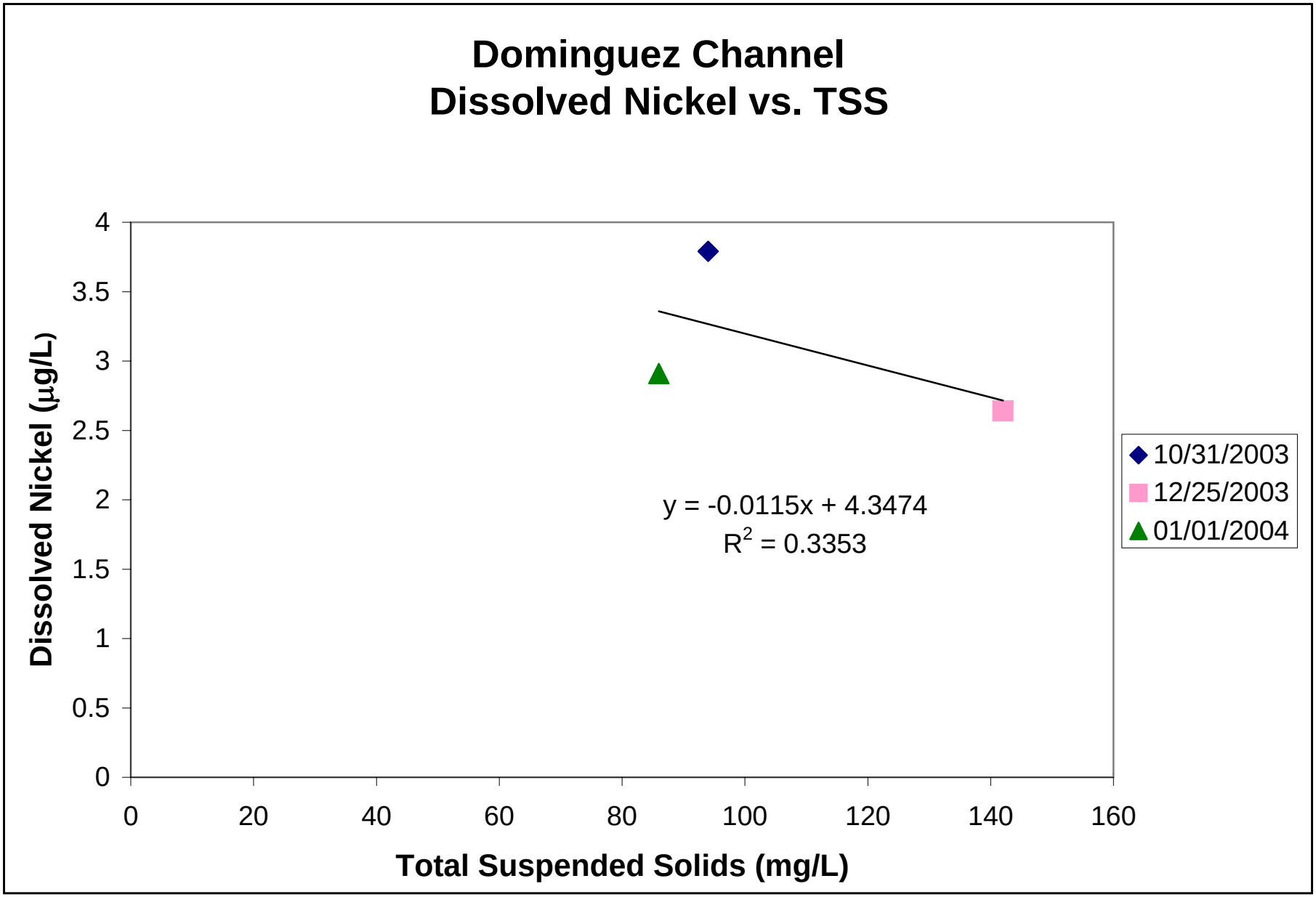

Dominguez Channel
Total Copper vs. TSS
Total Copper (µg/L)
35
30
25
20
15
10
5
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = 0.0448x + 19.962
R2 = 0.06
10/31/2003
12/25/2003
01/01/2004

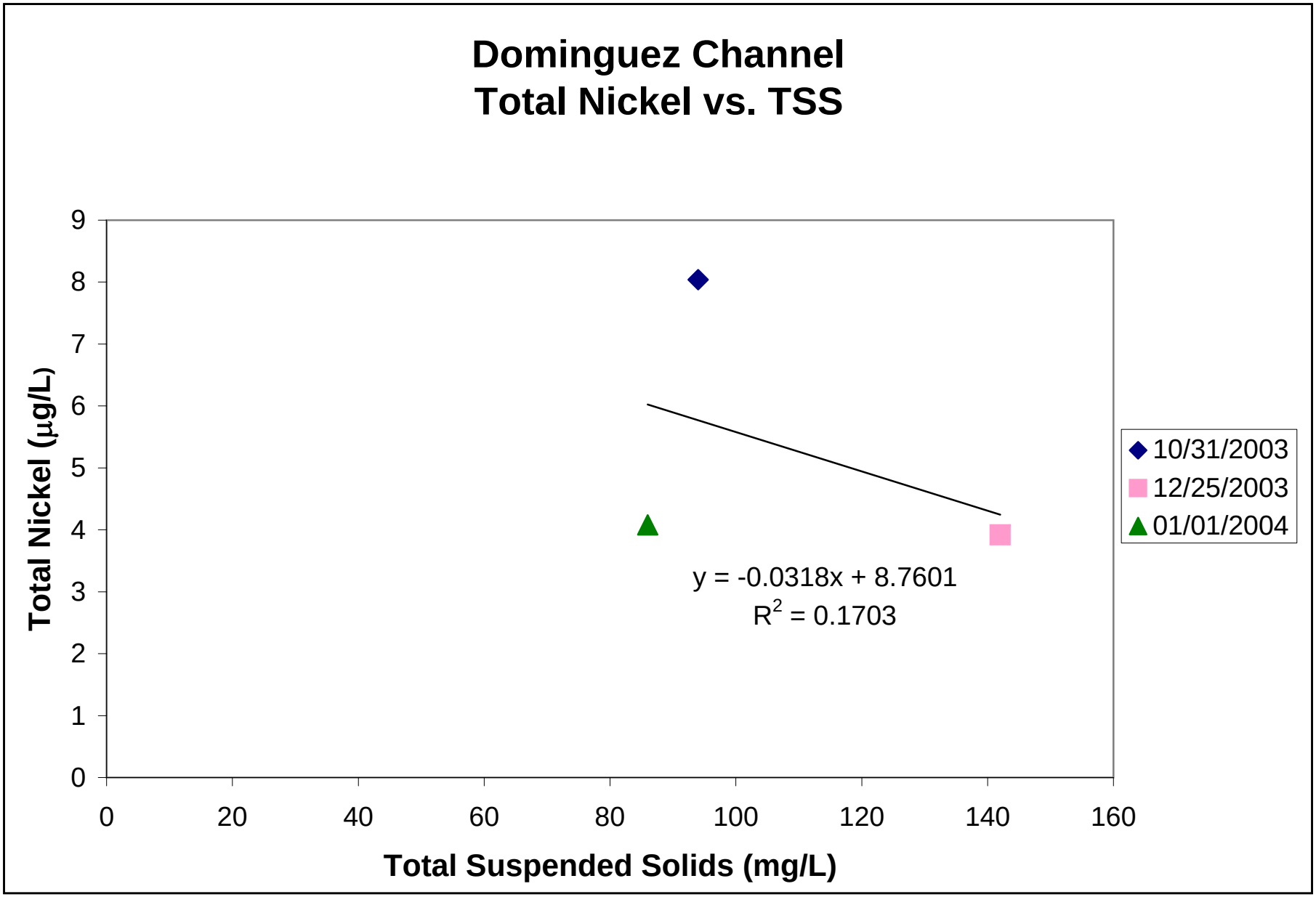

Dominguez Channel
Dissolved Iron vs. TSS
Dissolved Iron (µg/L)
180
160
140
120
100
80
60
40
20
0
-20
0
20
40
60
80
100
120
140
160
y = -1.8256x + 248.28
R2 = 0.3721
10/31/2003
12/25/2003
01/01/2004
Total Suspended Solids (mg/L)

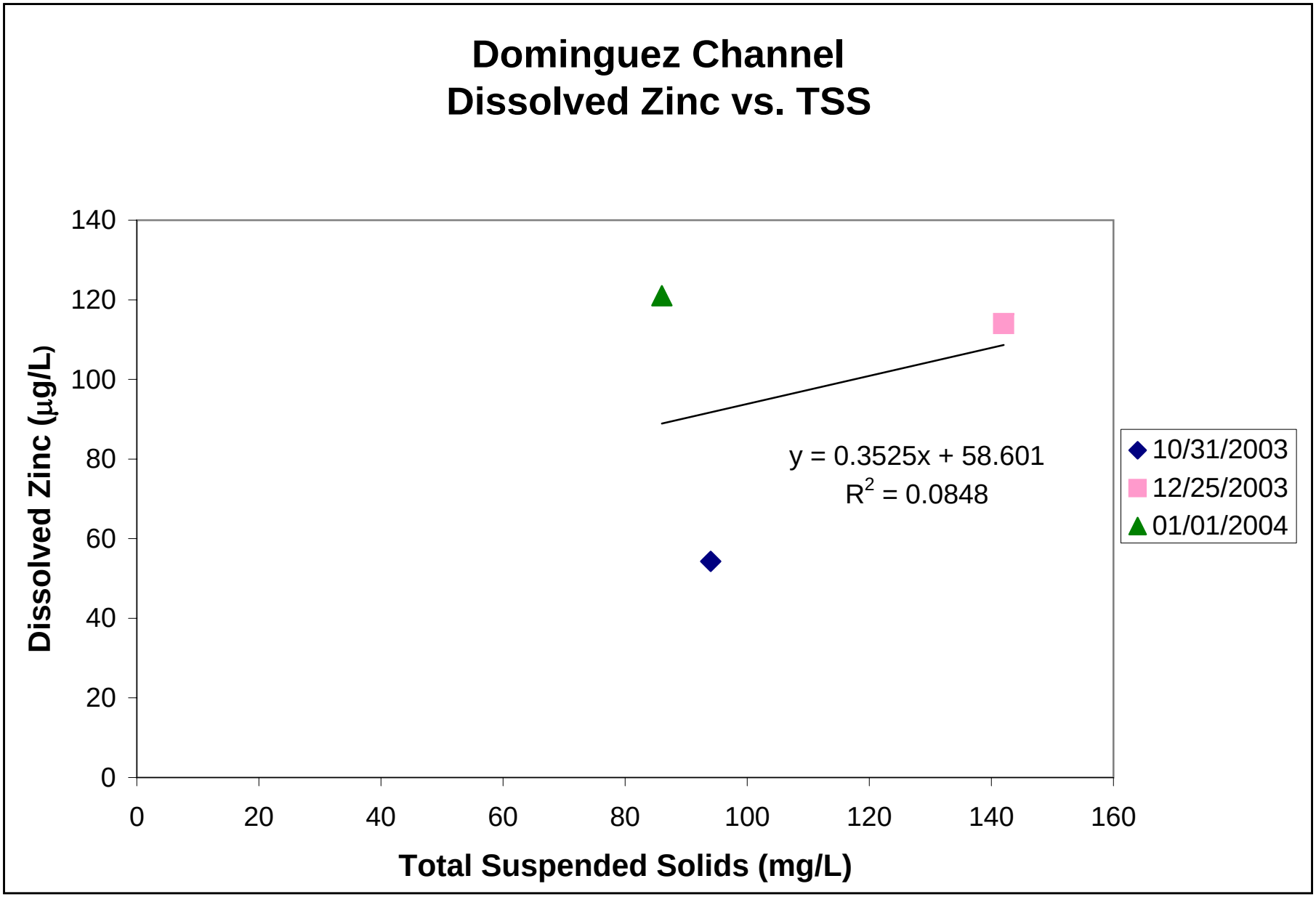

Dominguez Channel
Total Iron vs. TSS
Total Iron (µg/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = -11.035x + 2002.7
R2 = 0.1827
10/31/2003
12/25/2003
01/01/2004

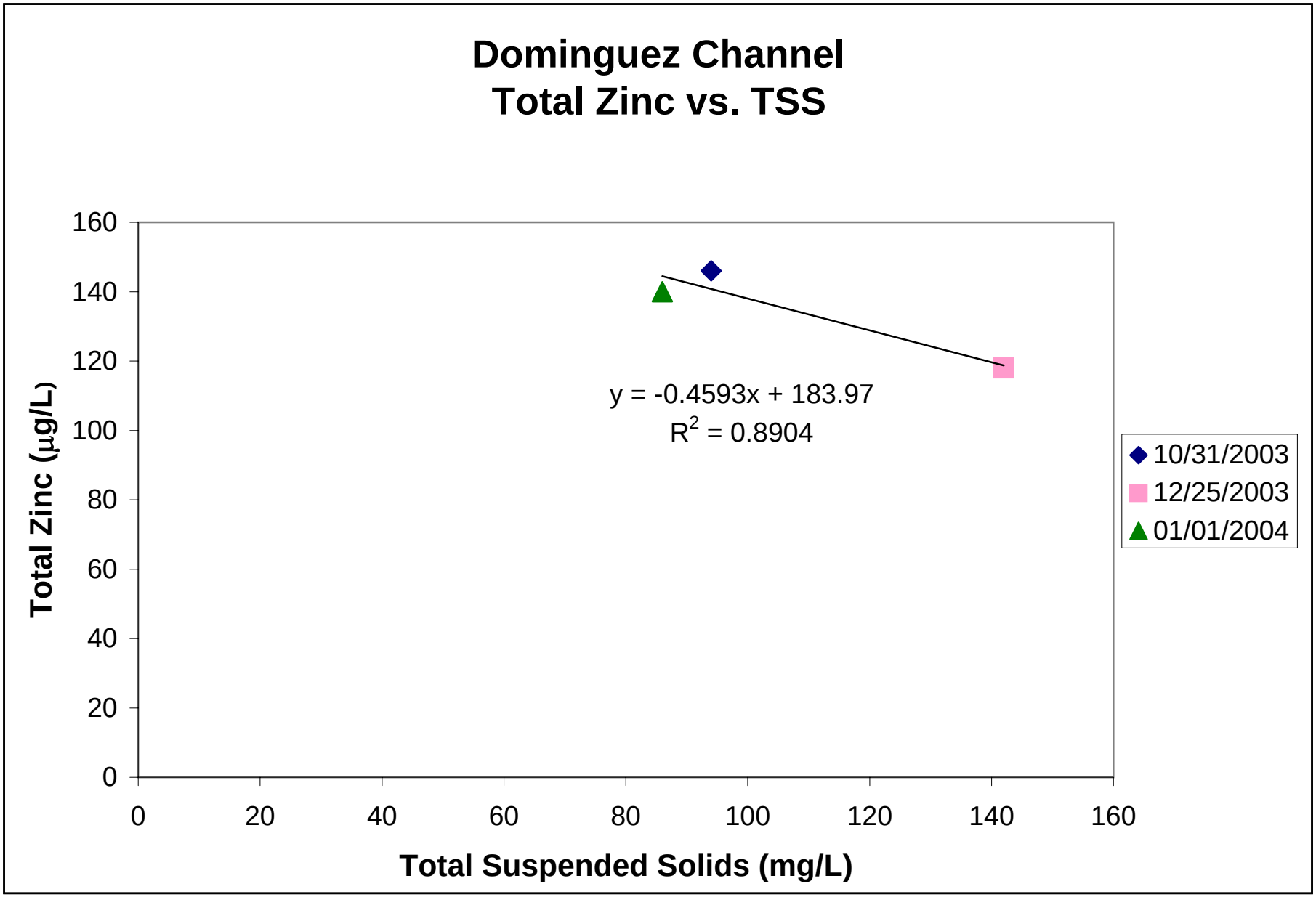

Dominguez Channel
Dissolved Lead vs. TSS
Dissolved Lead (µg/L)
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = -0.0054x + 1.7921
R2 = 0.0181
10/31/2003
12/25/2003
01/01/2004

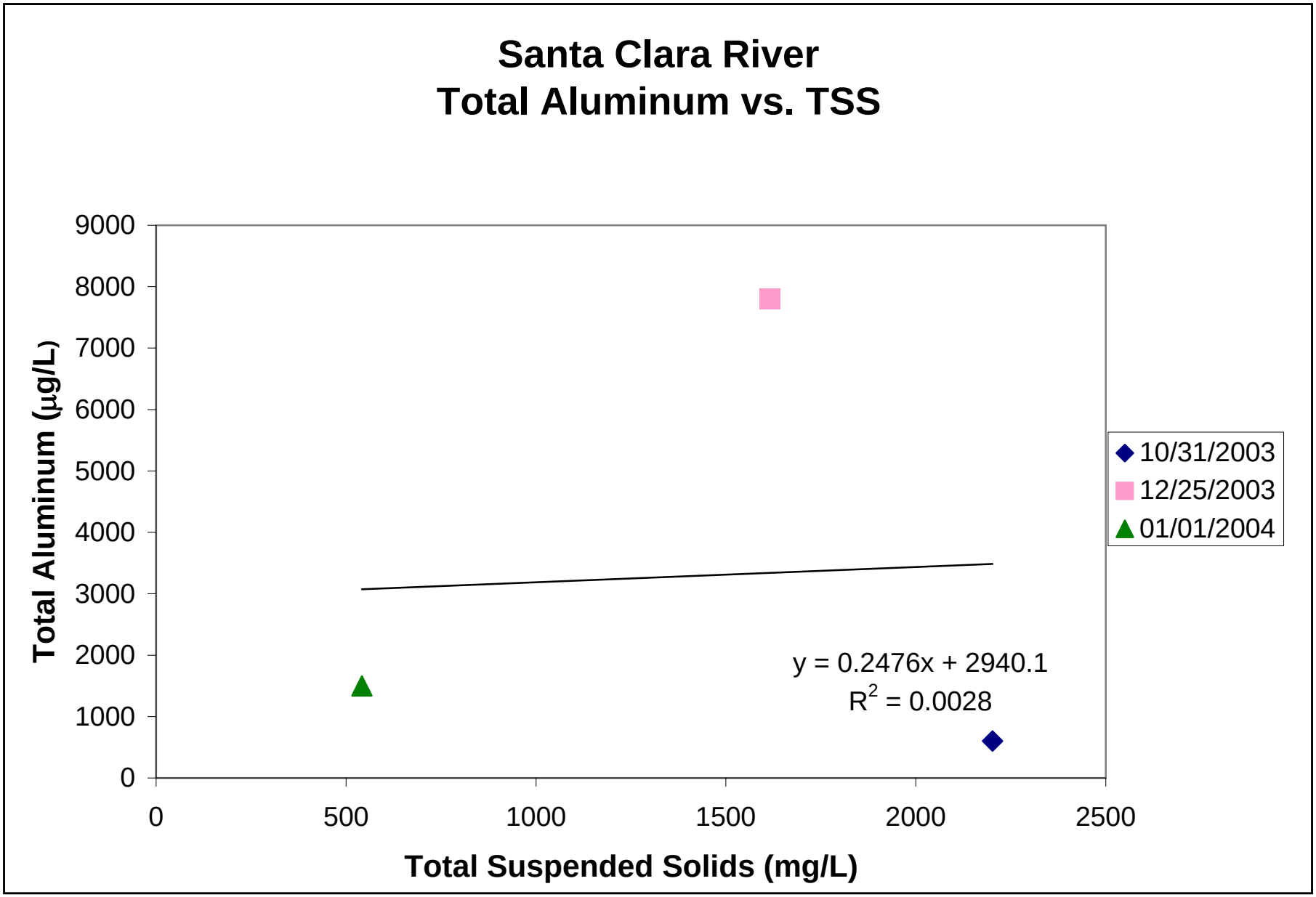

Dominguez Channel
Total Lead vs. TSS
Total Lead (µg/L)
Total Suspended Solids (mg/L)
0
2
4
6
8
10
12
14
16
18
0
20
40
60
80
100
120
140
160
y = -0.1167x + 19.599
R2 = 0.2076
10/31/2003
12/25/2003
01/01/2004

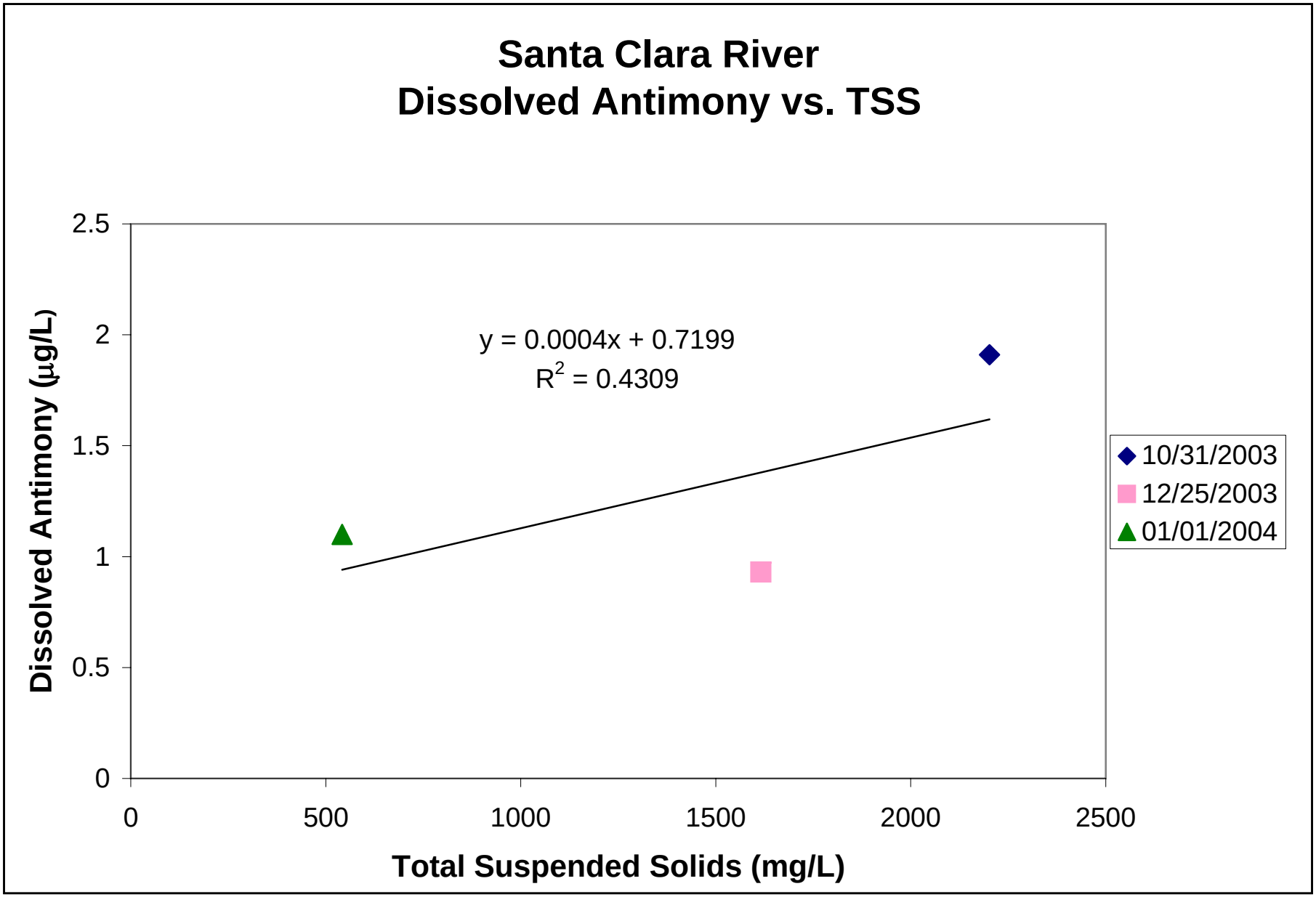

Dominguez Channel
Dissolved Nickel vs. TSS
Dissolved Nickel (µg/L)
Total Suspended Solids (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
0
20
40
60
80
100
120
140
160
y = -0.0115x + 4.3474
R2 = 0.3353
10/31/2003
12/25/2003
01/01/2004

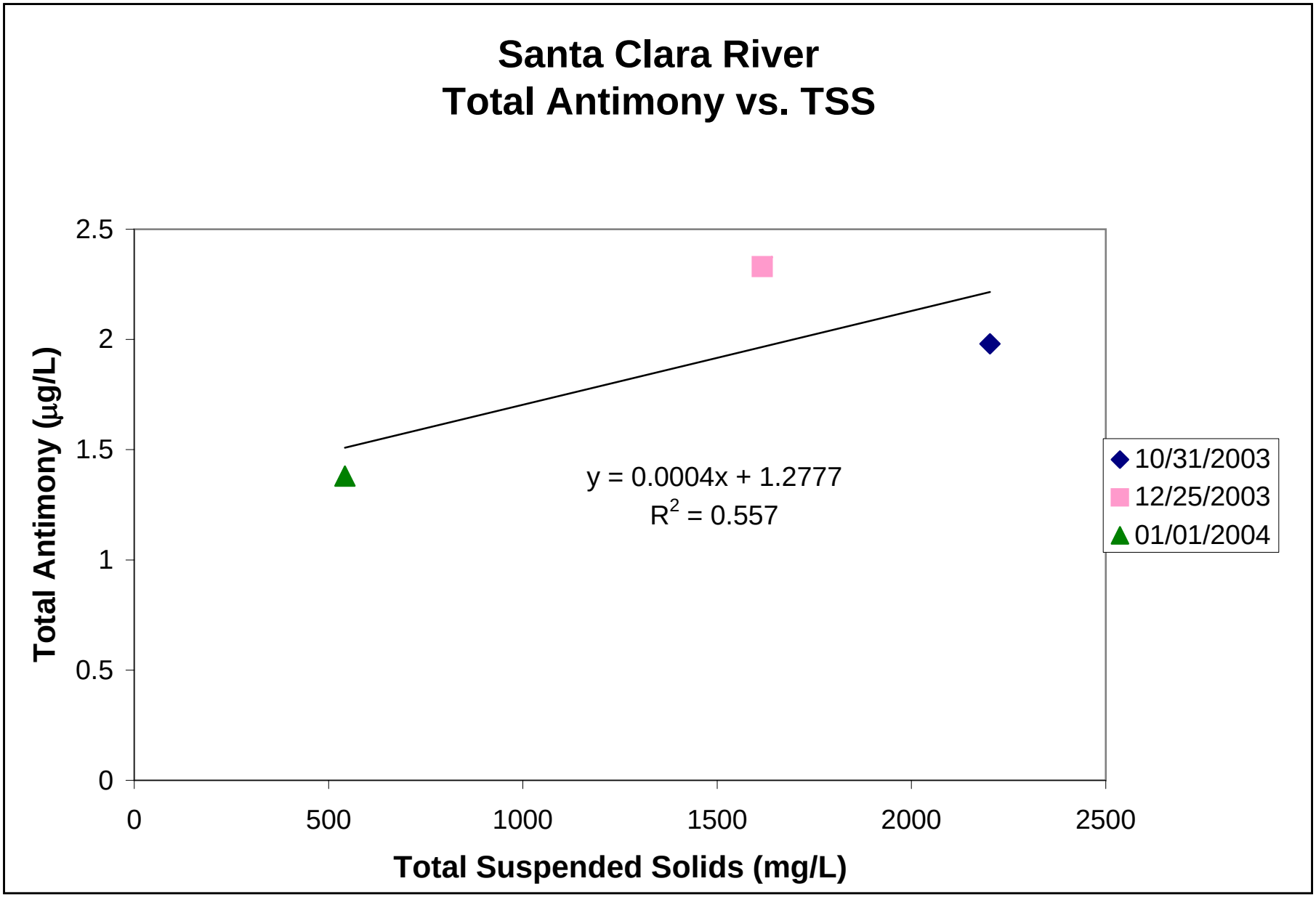

Dominguez Channel
Total Nickel vs. TSS
Total Nickel (µg/L)
9
8
7
6
5
4
3
2
1
0
0
20
40
60
80
100
120
140
160
Total Suspended Solids (mg/L)
y = -0.0318x + 8.7601
R2 = 0.1703
10/31/2003
12/25/2003
01/01/2004

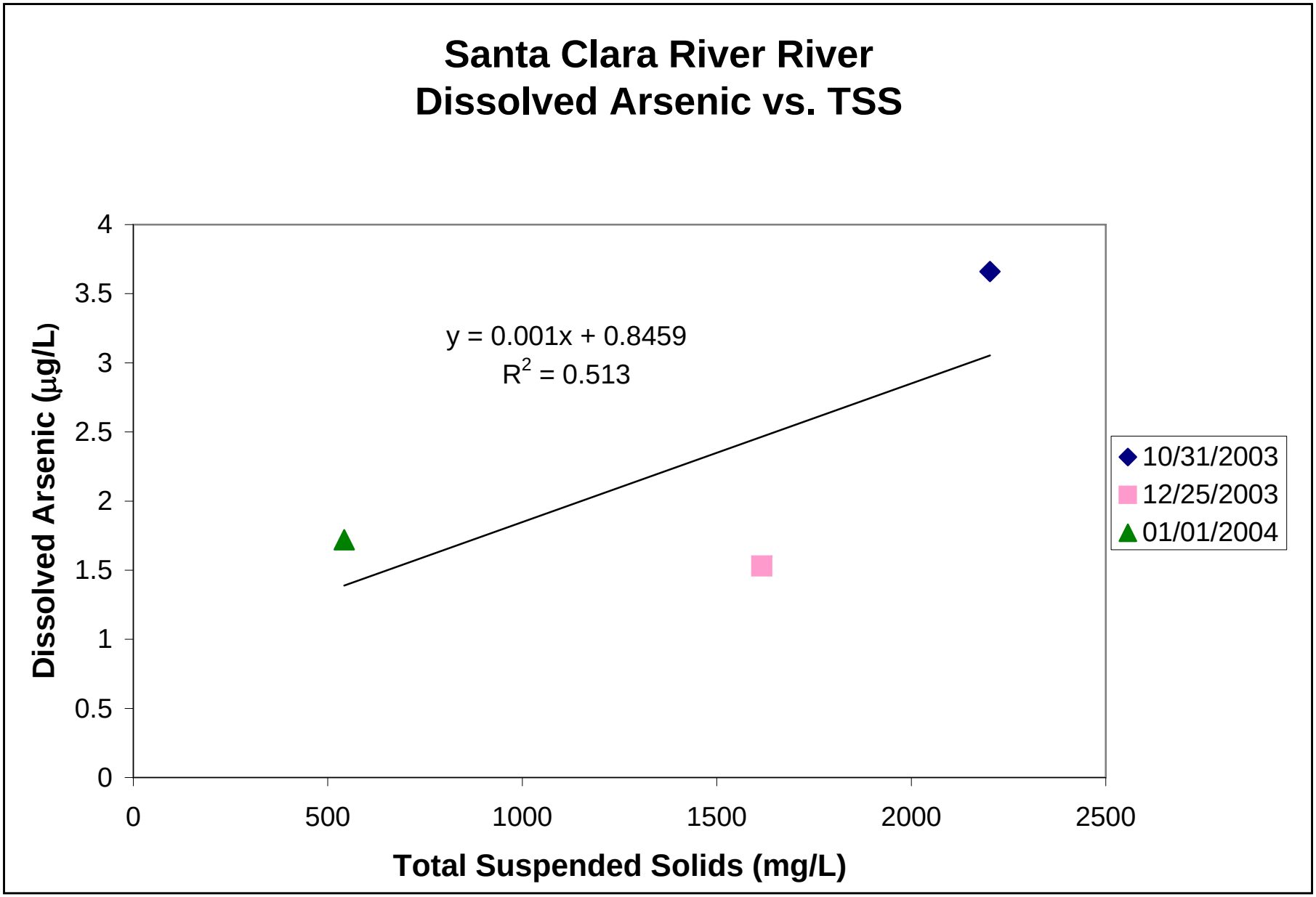

Dominguez Channel
Dissolved Zinc vs. TSS
Dissolved Zinc (µg/L)
Total Suspended Solids (mg/L)
0
20
40
60
80
100
120
140
160
y = 0.3525x + 58.601
R2 = 0.0848
10/31/2003
12/25/2003
01/01/2004

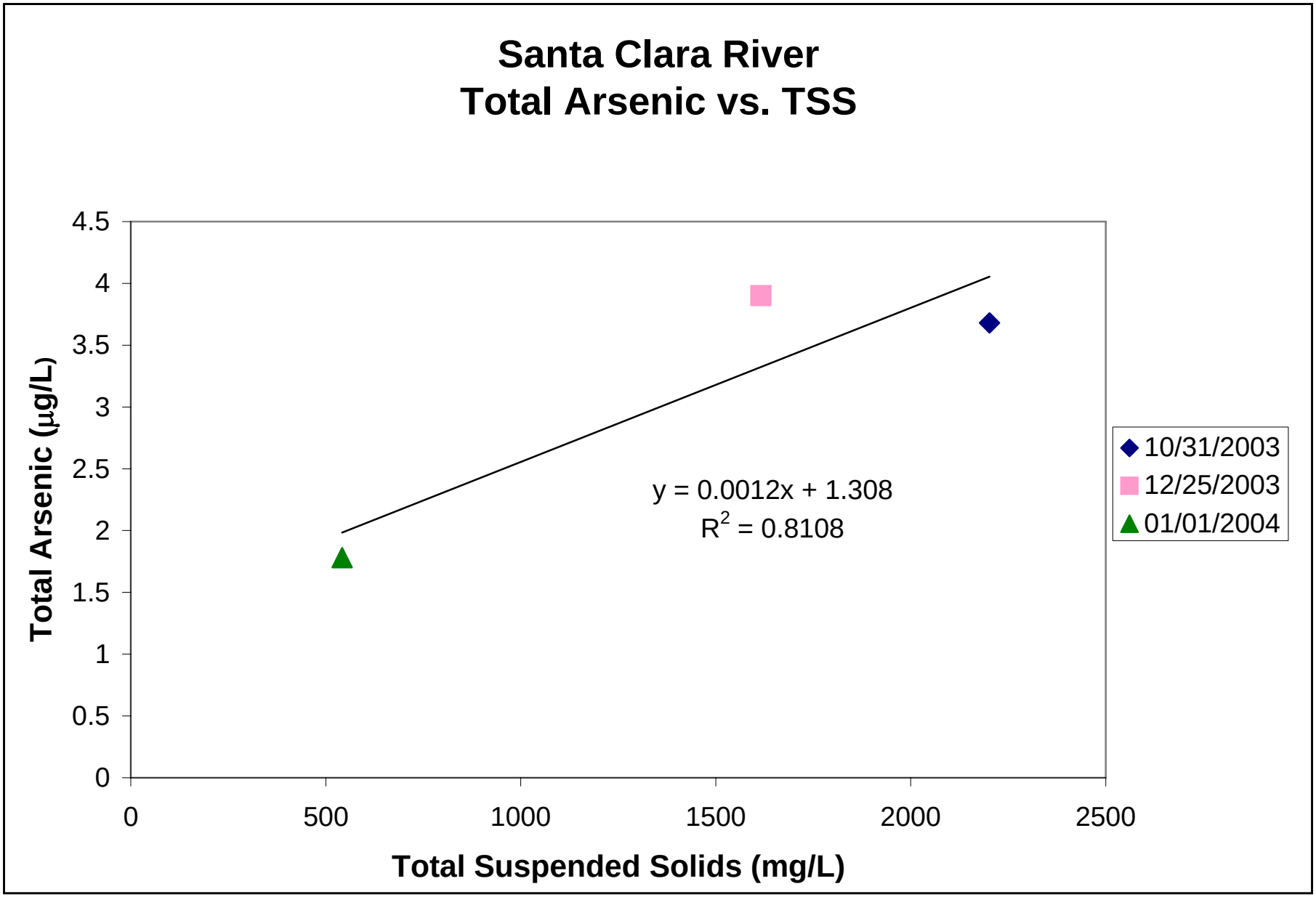

Dominguez Channel
Total Zinc vs. TSS
Total Zinc (µg/L)
Total Suspended Solids (mg/L)
0
20
40
60
80
100
120
140
160
y = -0.4593x + 183.97
R2 = 0.8904
10/31/2003
12/25/2003
01/01/2004

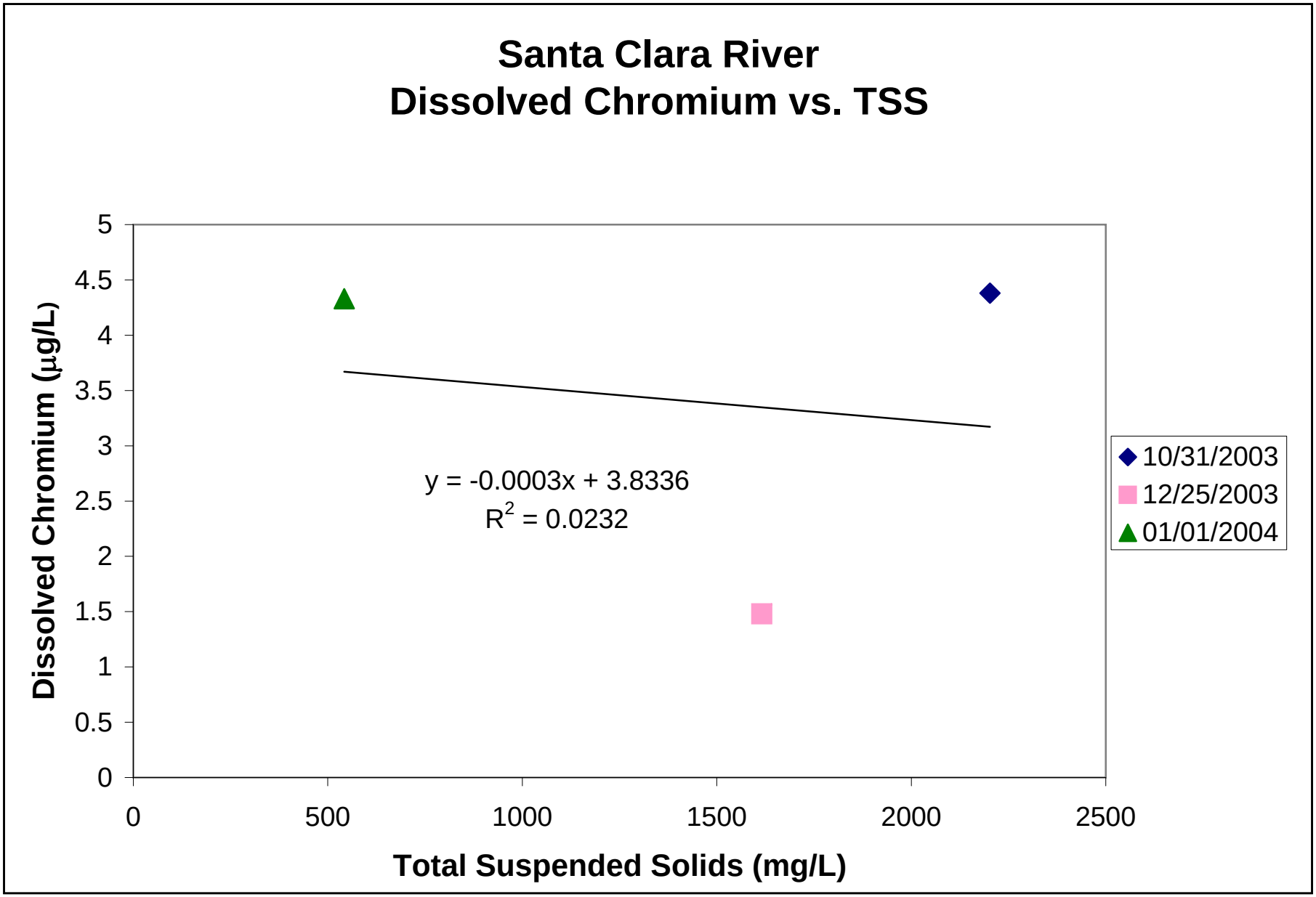

Santa Clara River
Total Aluminum vs. TSS
Total Aluminum (µg/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
10/31/2003
12/25/2003
01/01/2004
y = 0.2476x + 2940.1
R2 = 0.0028

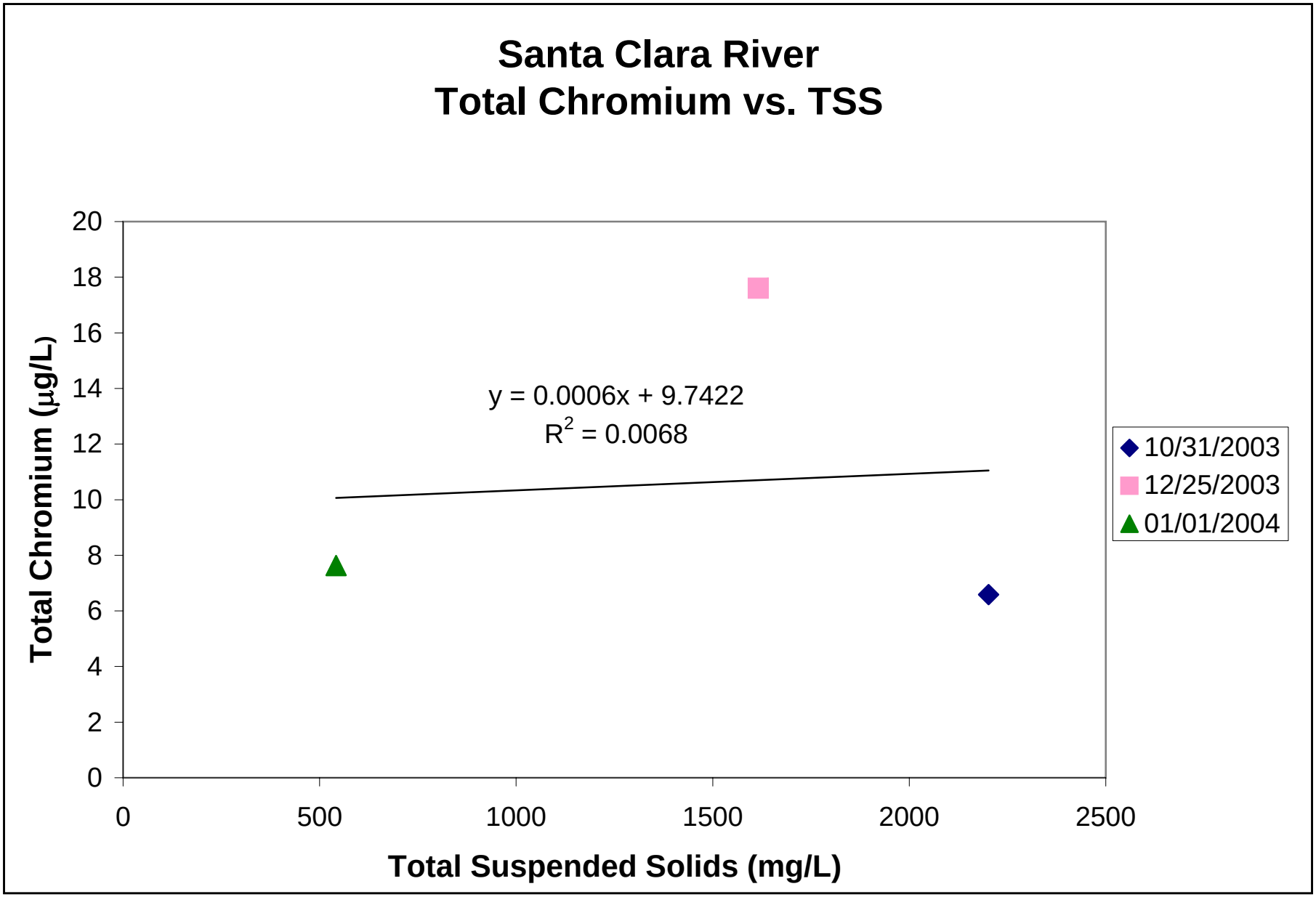

Santa Clara River
Dissolved Antimony vs. TSS
y = 0.0004x + 0.7199
R2 = 0.4309
Dissolved Antimony (µg/L)
Total Suspended Solids (mg/L)
0
0.5
1
1.5
2
2.5
0
500
1000
1500
2000
2500
10/31/2003
12/25/2003
01/01/2004

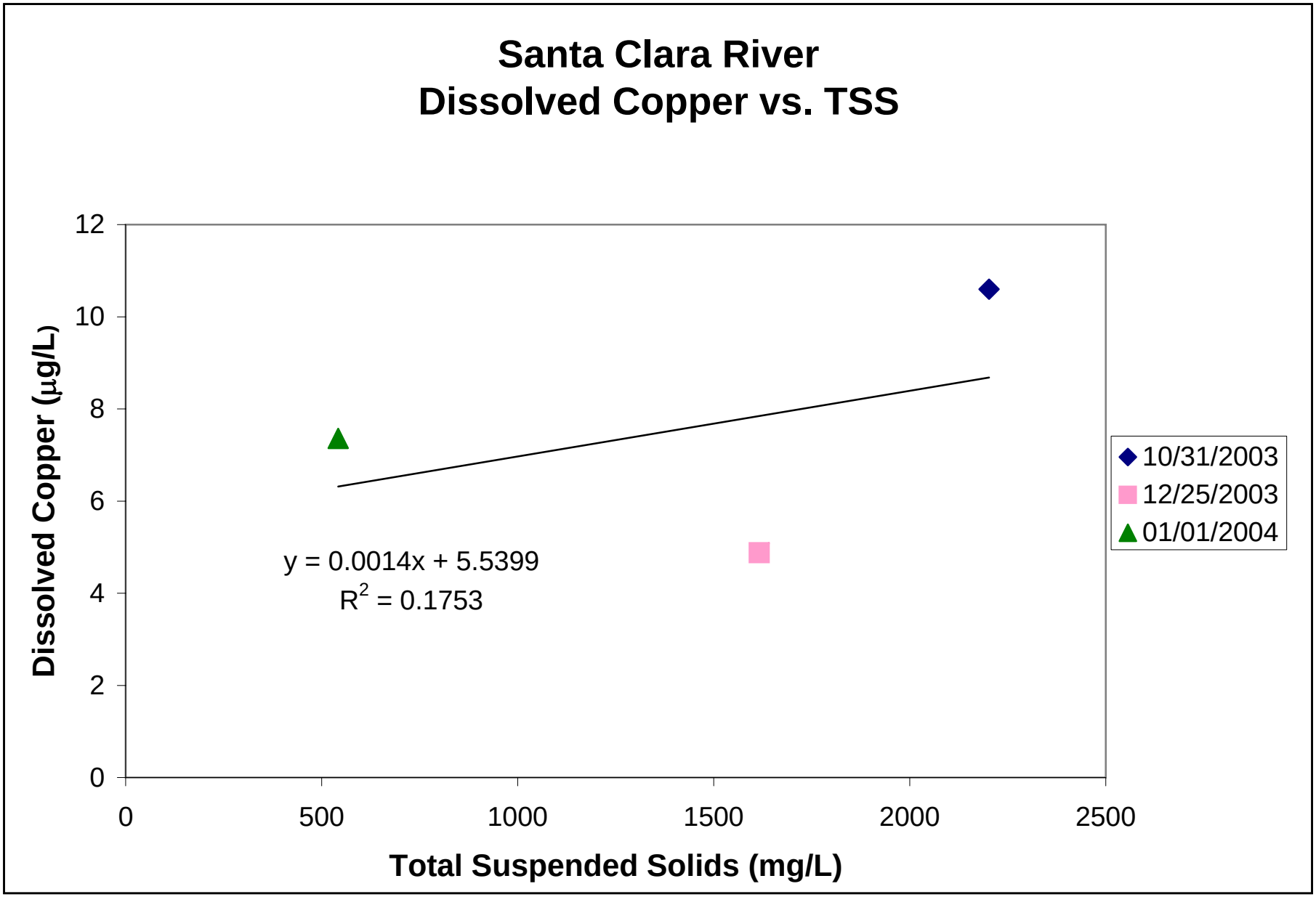

Santa Clara River
Total Antimony vs. TSS
Total Antimony (µg/L)
2.5
2
1.5
1
0.5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0004x + 1.2777
R2 = 0.557
10/31/2003
12/25/2003
01/01/2004

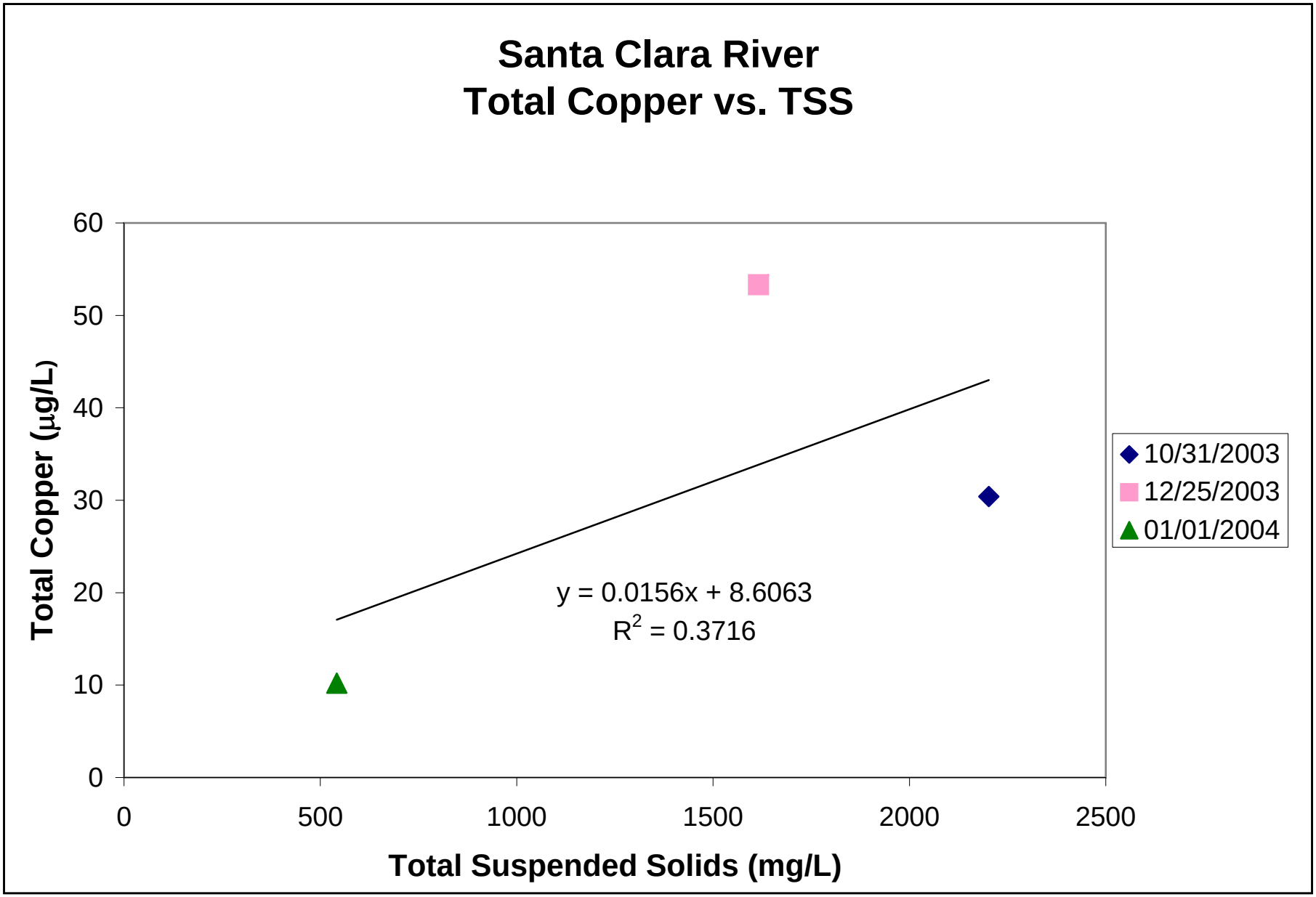

Santa Clara River River
Dissolved Arsenic vs. TSS
y = 0.001x + 0.8459
R2 = 0.513
Dissolved Arsenic (µg/L)
Total Suspended Solids (mg/L)
0
0.5
1
1.5
2
2.5
3
3.5
4
0
500
1000
1500
2000
2500
10/31/2003
12/25/2003
01/01/2004

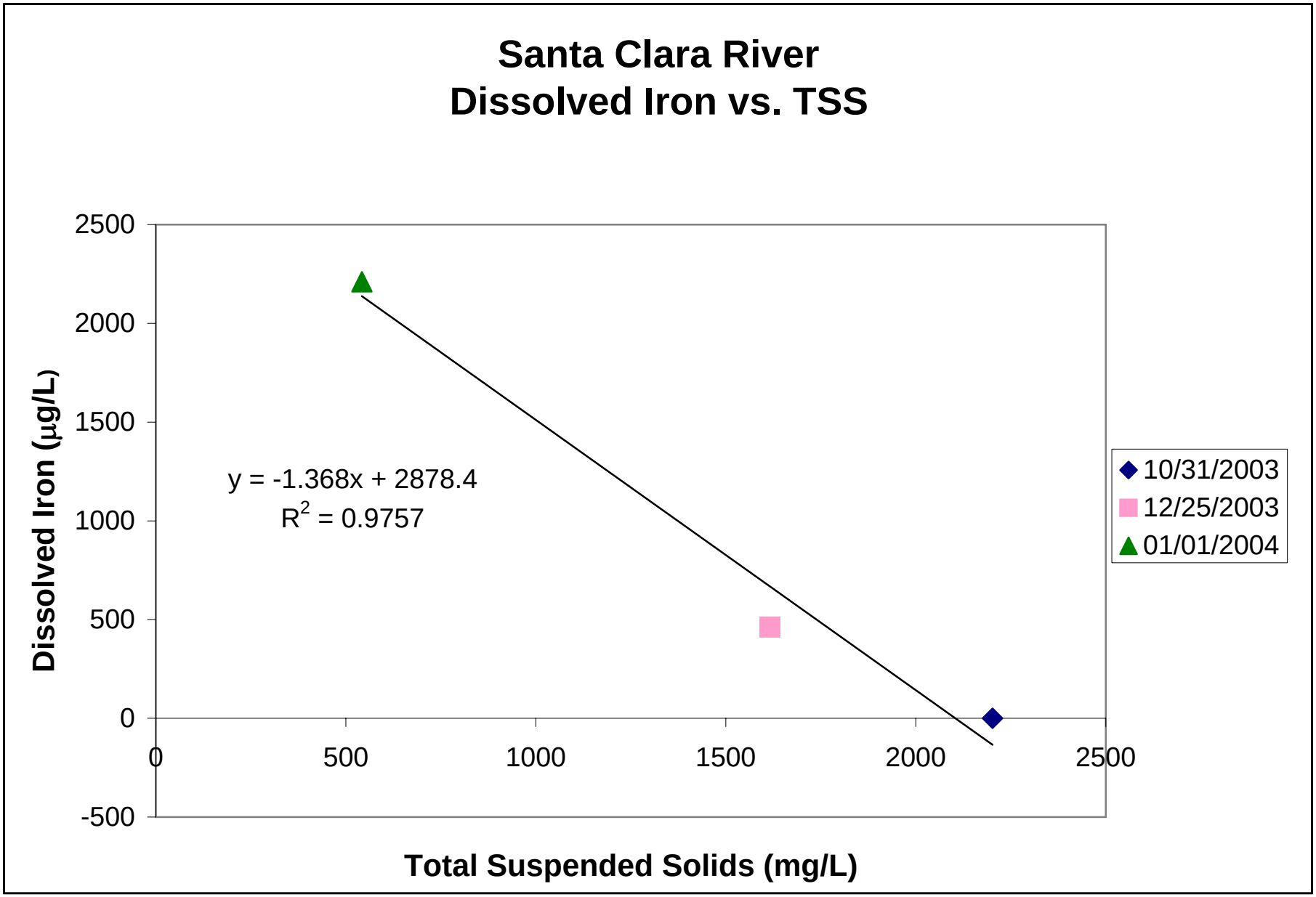

Santa Clara River
Total Arsenic vs. TSS
Total Arsenic (µg/L)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0012x + 1.308
R2 = 0.8108
10/31/2003
12/25/2003
01/01/2004

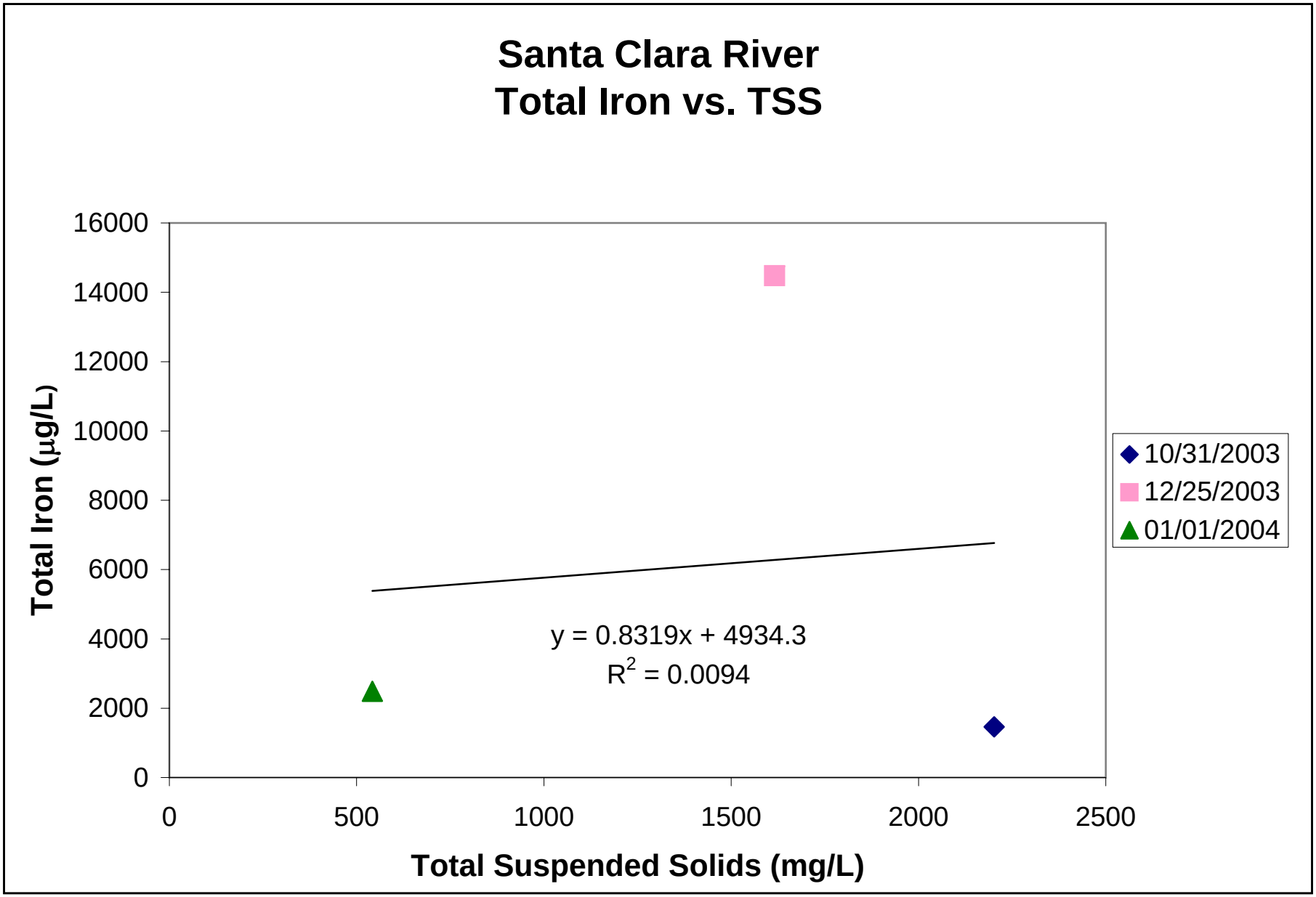

Santa Clara River
Dissolved Chromium vs. TSS
Dissolved Chromium (µg/L)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = -0.0003x + 3.8336
R2 = 0.0232
10/31/2003
12/25/2003
01/01/2004

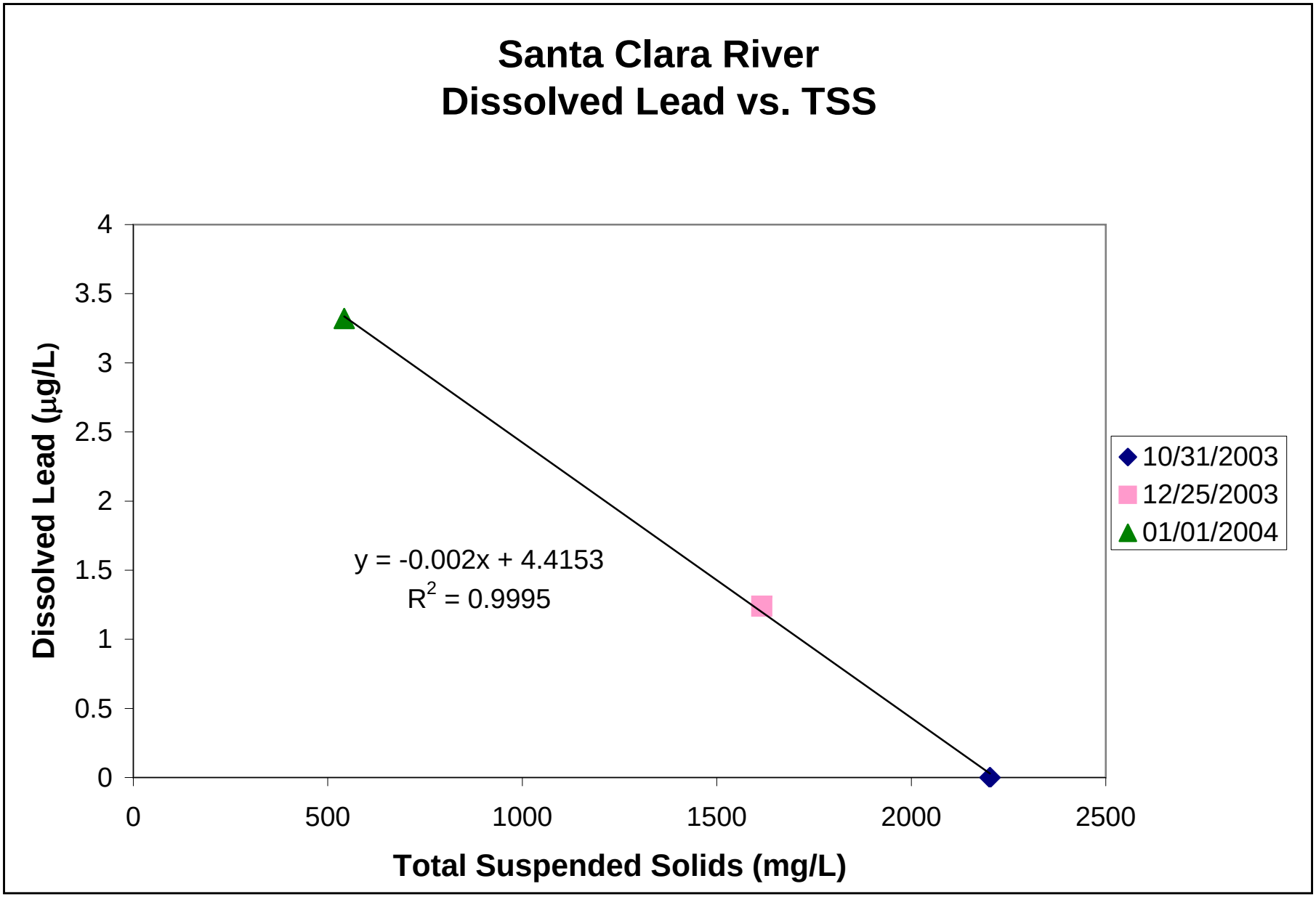

Santa Clara River
Total Chromium vs. TSS
Total Chromium (µg/L)
20
18
16
14
12
10
8
6
4
2
0
y = 0.0006x + 9.7422
R2 = 0.0068
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
10/31/2003
12/25/2003
01/01/2004

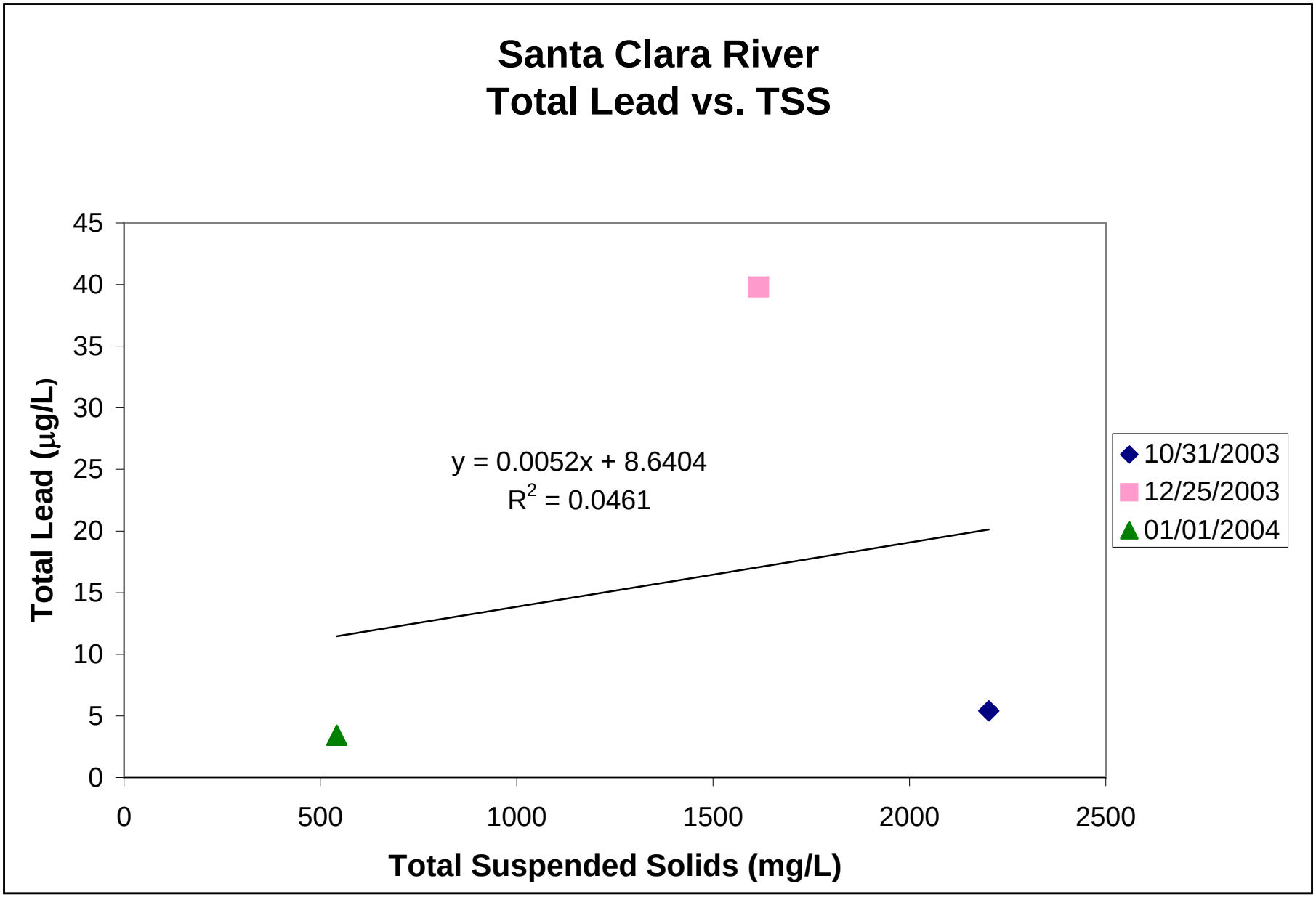

Santa Clara River
Dissolved Copper vs. TSS
Dissolved Copper (µg/L)
12
10
8
6
4
2
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0014x + 5.5399
R2 = 0.1753
10/31/2003
12/25/2003
01/01/2004

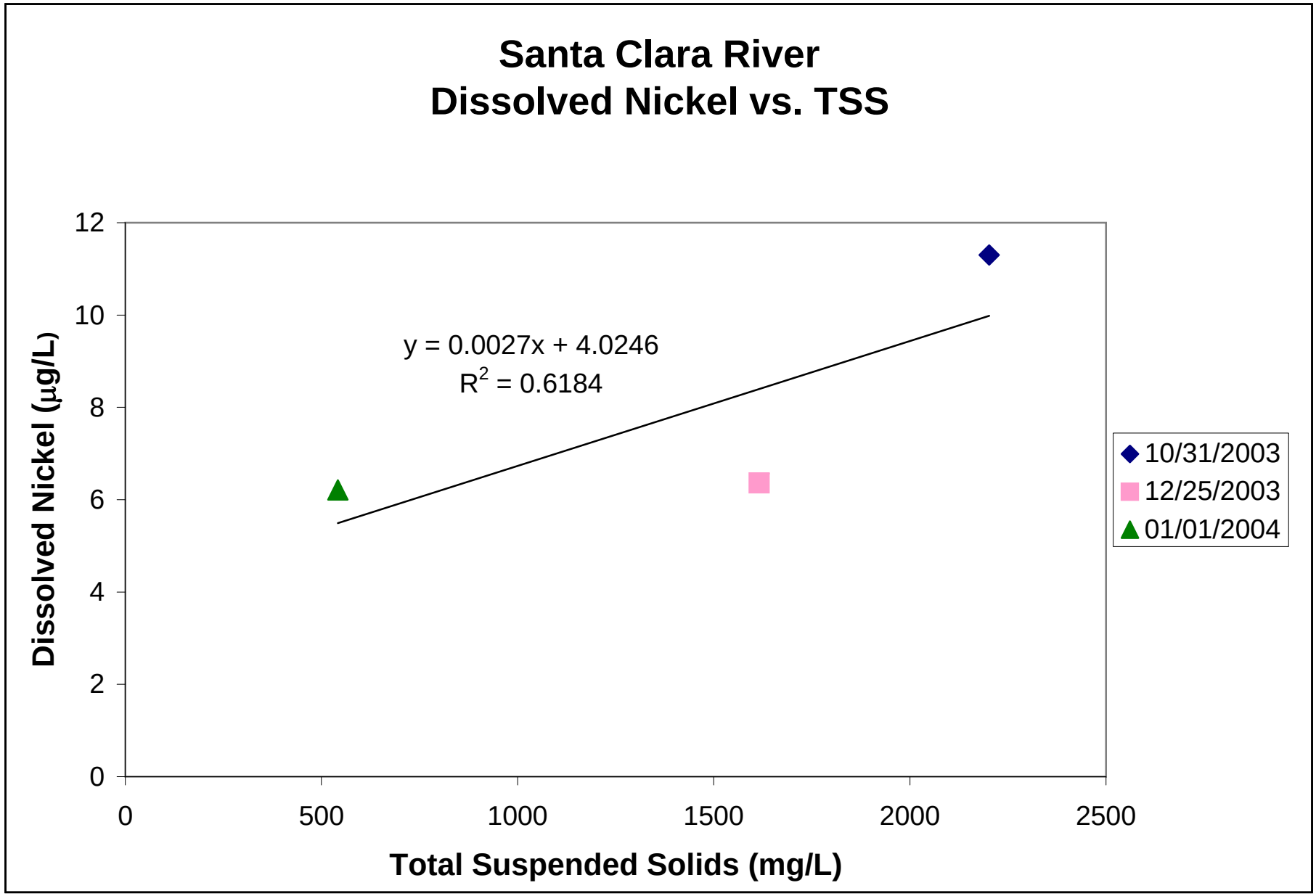

Santa Clara River
Total Copper vs. TSS
Total Copper (µg/L)
60
50
40
30
20
10
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0156x + 8.6063
R2 = 0.3716
10/31/2003
12/25/2003
01/01/2004

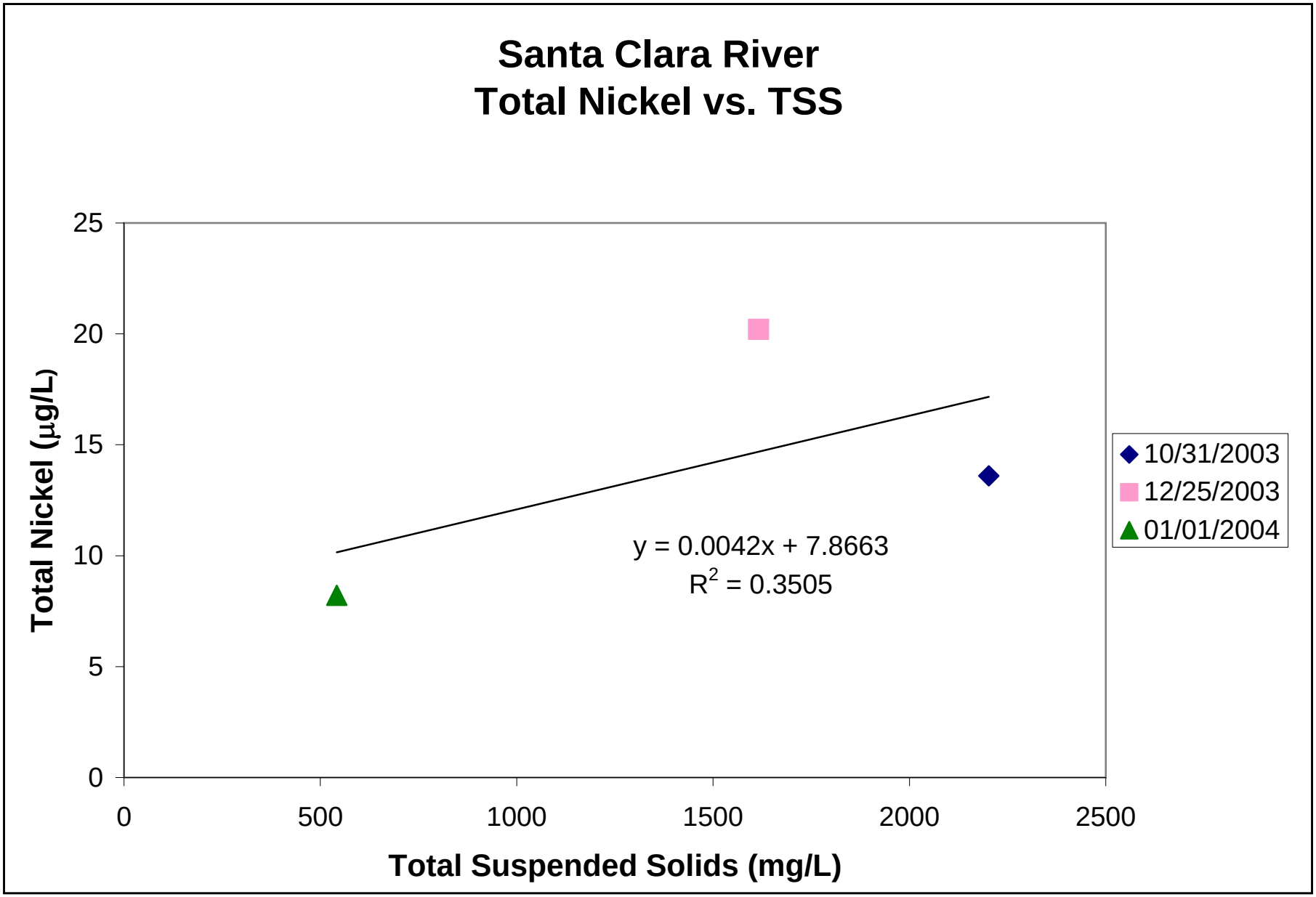

Santa Clara River
Dissolved Iron vs. TSS
2500
2000
1500
1000
500
0
-500
0
500
1000
1500
2000
2500
Dissolved Iron (µg/L)
Total Suspended Solids (mg/L)
y = -1.368x + 2878.4
R2 = 0.9757
10/31/2003
12/25/2003
01/01/2004

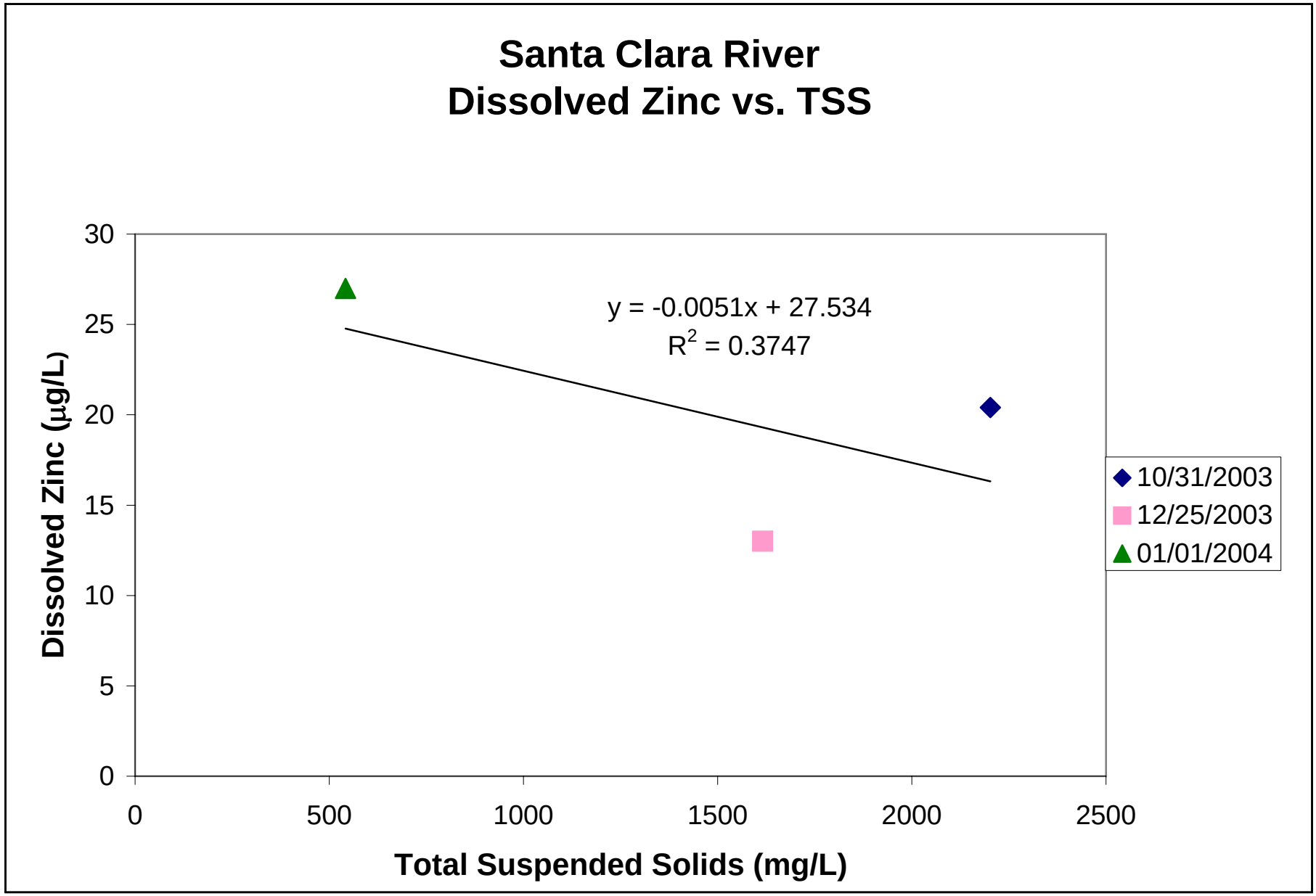

Santa Clara River
Total Iron vs. TSS
16000
14000
12000
10000
8000
6000
4000
2000
0
Total Iron (µg/L)
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.8319x + 4934.3
R2 = 0.0094
10/31/2003
12/25/2003
01/01/2004

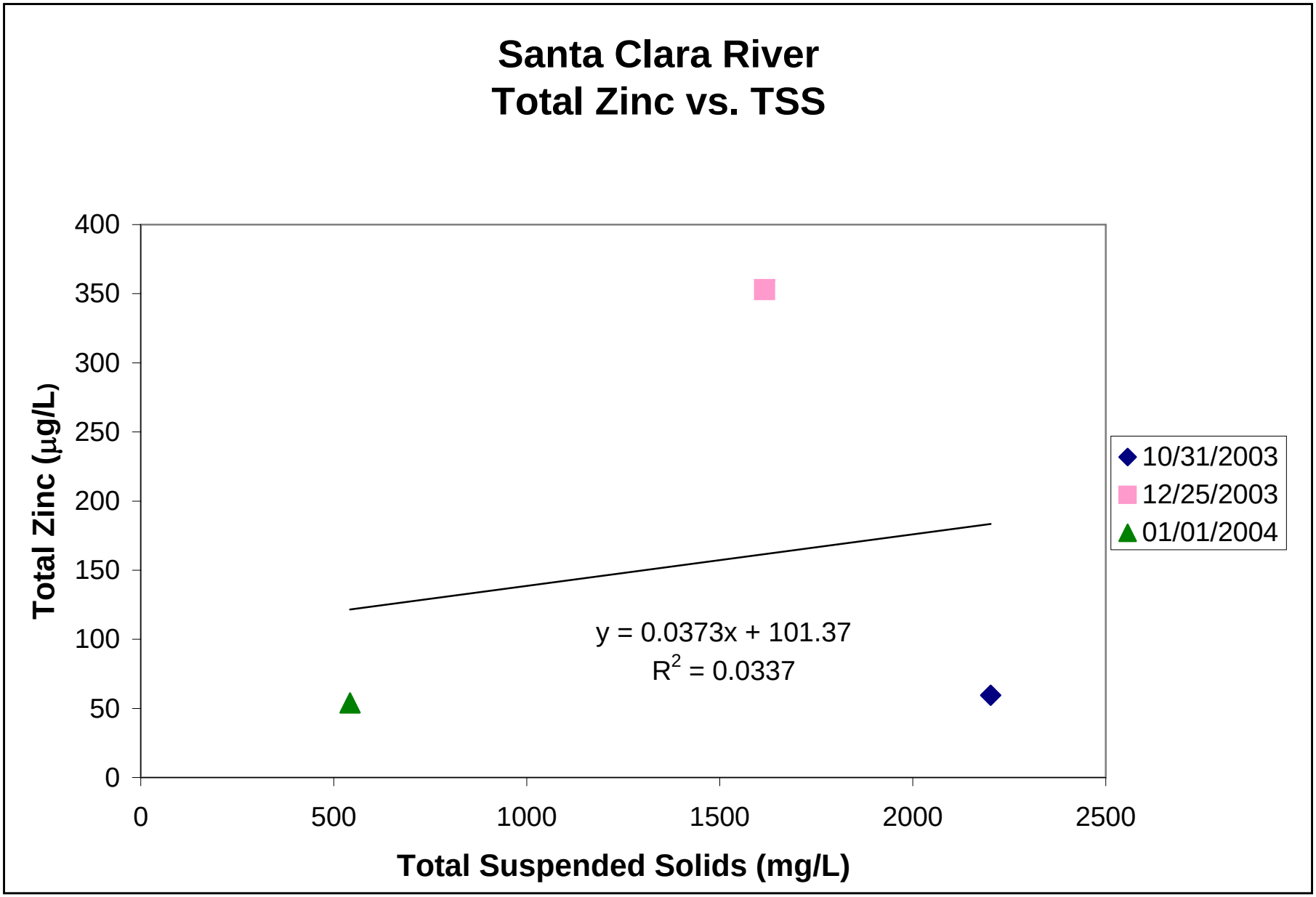

Santa Clara River
Dissolved Lead vs. TSS
Dissolved Lead (µg/L)
4
3.5
3
2.5
2
1.5
1
0.5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = -0.002x + 4.4153
R2 = 0.9995
10/31/2003
12/25/2003
01/01/2004


Santa Clara River
Total Lead vs. TSS
Total Lead (µg/L)
45
40
35
30
25
20
15
10
5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0052x + 8.6404
R2 = 0.0461
10/31/2003
12/25/2003
01/01/2004


Santa Clara River
Dissolved Nickel vs. TSS
y = 0.0027x + 4.0246
R2 = 0.6184
Dissolved Nickel (µg/L)
Total Suspended Solids (mg/L)
0
2
4
6
8
10
12
0
500
1000
1500
2000
2500
10/31/2003
12/25/2003
01/01/2004


Santa Clara River
Total Nickel vs. TSS
Total Nickel (µg/L)
25
20
15
10
5
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0042x + 7.8663
R2 = 0.3505
10/31/2003
12/25/2003
01/01/2004


Santa Clara River
Dissolved Zinc vs. TSS
y = -0.0051x + 27.534
R2 = 0.3747
Dissolved Zinc (µg/L)
Total Suspended Solids (mg/L)
0
5
10
15
20
25
30
0
500
1000
1500
2000
2500
10/31/2003
12/25/2003
01/01/2004


Santa Clara River
Total Zinc vs. TSS
Total Zinc (µg/L)
400
350
300
250
200
150
100
50
0
0
500
1000
1500
2000
2500
Total Suspended Solids (mg/L)
y = 0.0373x + 101.37
R2 = 0.0337
10/31/2003
12/25/2003
01/01/2004