TIN/TDS Phase 2A -- Task 5

Compute TDS and Nitrate Objectives

Historical Ambient TDS (mg/L)

- > 1000
- 700 to 1000
- 500 to 700
- 400 to 500
- 300 to 400
- 250 to 300
- < 250
- Data not Available
- Outside Study Area

Other Map Features

- Management Zone Boundary
- Consolidated Bedrock
- Semi-consolidated Sediments

San Gabriel Mountains
San Bernardino Mountains
Puente Hills
Chino Hills
El Sobrante de San Jacinto
Santa Ana Mountains
Lakeview Mountains
Pacific Ocean

264
212
230
313
255
262
289
407
332
293
319
684
730
560
665
721
650
812
983
260
805
568
520
545
585
476
321
1258
732
234
908
1021
381
476

5 0 5 10 Miles

N

Map Area

Figure 5-1a

Historical Ambient Water Quality
Total Dissolved Solids

1954-1973

WE WILDERMUTH ENVIRONMENTAL, INC.

Prepared by: JPL/AEM | Date: July, 2000

s:\clients\sawpa\tintds2a\task 5\figures_tables\figs_5-1_thru_5-4.apr

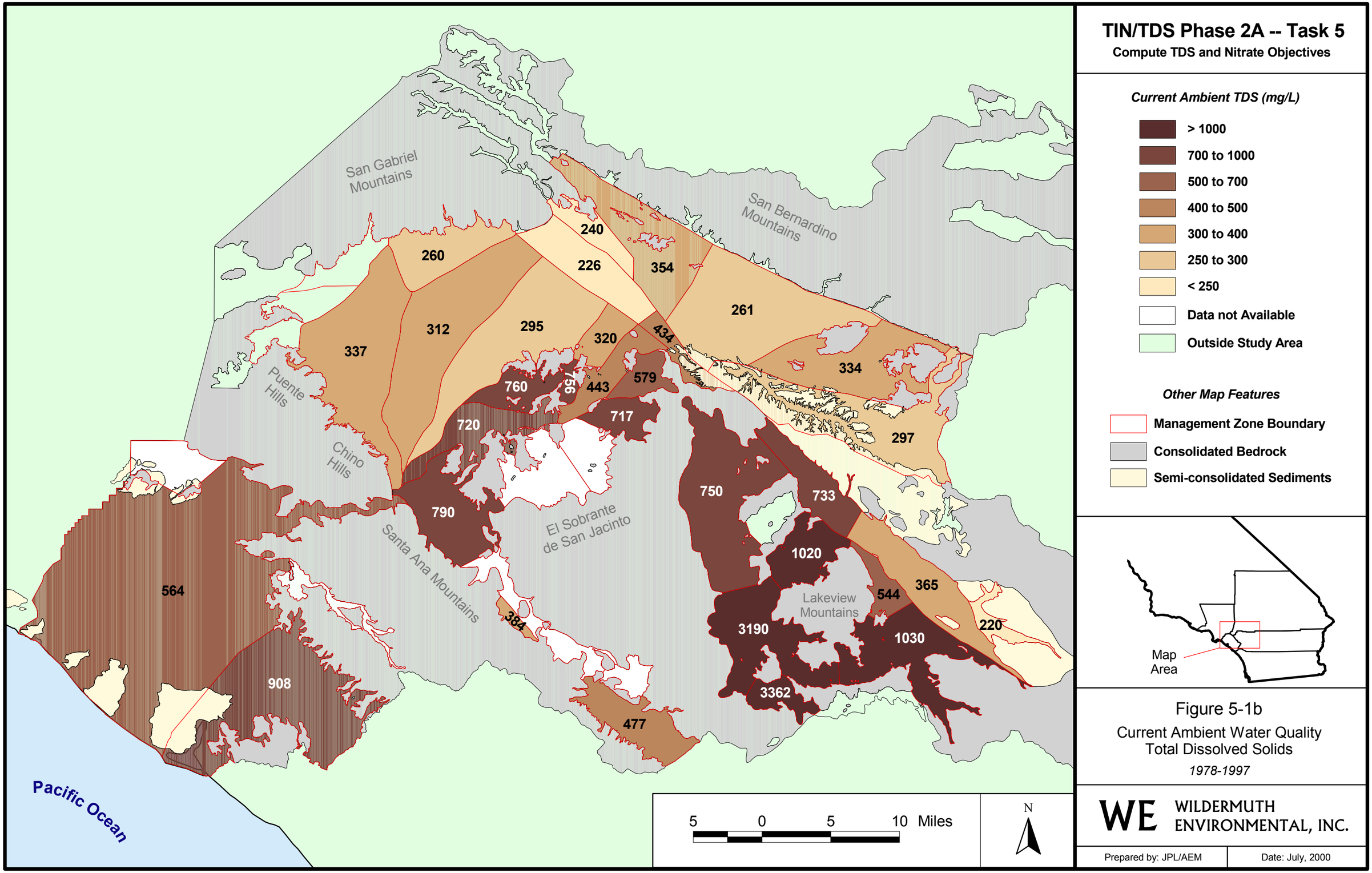

Figure 5-1b
Current Ambient Water Quality
Total Dissolved Solids
1978-1997

WE WILDERMUTH ENVIRONMENTAL, INC.

Prepared by: JPL/AEM | Date: July, 2000

s:\clients\sawpa\tintds2a\task 5\figures_tables\figs_5-1_thru_5-4.apr

TIN/TDS Phase 2A -- Task 5

Compute TDS and Nitrate Objectives

Historical Ambient Nitrate as N (mg/L)

- >16
- 8 to 16
- 4 to 8
- 2 to 4
- < 2
- Data not Available
- Outside Study Area

Other Map Features

- Management Zone Boundary
- Consolidated Bedrock
- Semi-consolidated Sediments

San Gabriel Mountains
San Bernardino Mountains
Puente Hills
Chino Hills
El Sobrante de San Jacinto
Santa Ana Mountains
Lakeview Mountains
Pacific Ocean

1.5
2.4
2.0
2.7
7.3
2.9
3.5
4.9
7.6
2.7
4.2
13.3
8.3
6.2
12.1
4.1
13.3
19.5
25.5
1.9
10.5
5.2
1.0
1.7
3.4
1.5
2.0
1.4
2.5
2.5
4.1
5.9
2.8
1.0

5 0 5 10 Miles

N

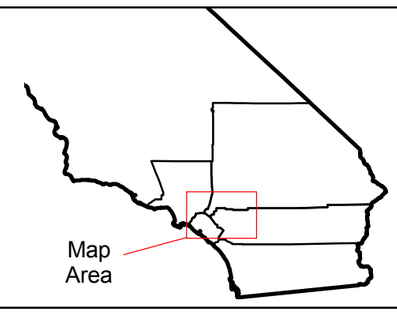

Figure 5-2a

Historical Ambient Water Quality
Nitrate-N

1954-1973

WE WILDERMUTH ENVIRONMENTAL, INC.

Prepared by: JPL/AEM | Date: July, 2000

s:\clients\sawpa\tintds2a\task 5\figures_tables\figs_5-1_thru_5-4.apr

TIN/TDS Phase 2A -- Task 5

Compute TDS and Nitrate Objectives

Current Ambient Nitrate as N (mg/L)

- >16
- 8 to 16
- 4 to 8
- 2 to 4
- < 2
- Data not Available
- Outside Study Area

Other Map Features

- Management Zone Boundary
- Consolidated Bedrock
- Semi-consolidated Sediments

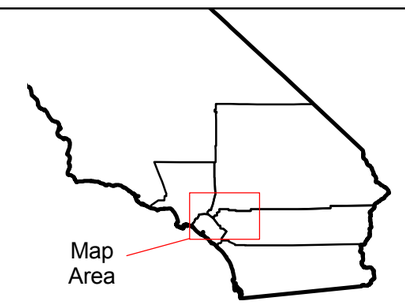

Figure 5-2b

Current Ambient Water Quality
Nitrate-N

1978-1997

WE WILDERMUTH ENVIRONMENTAL, INC.

Prepared by: JPL/AEM | Date: July, 2000

s:\clients\sawpa\tintds2a\task 5\figures_tables\figs_5-1_thru_5-4.apr

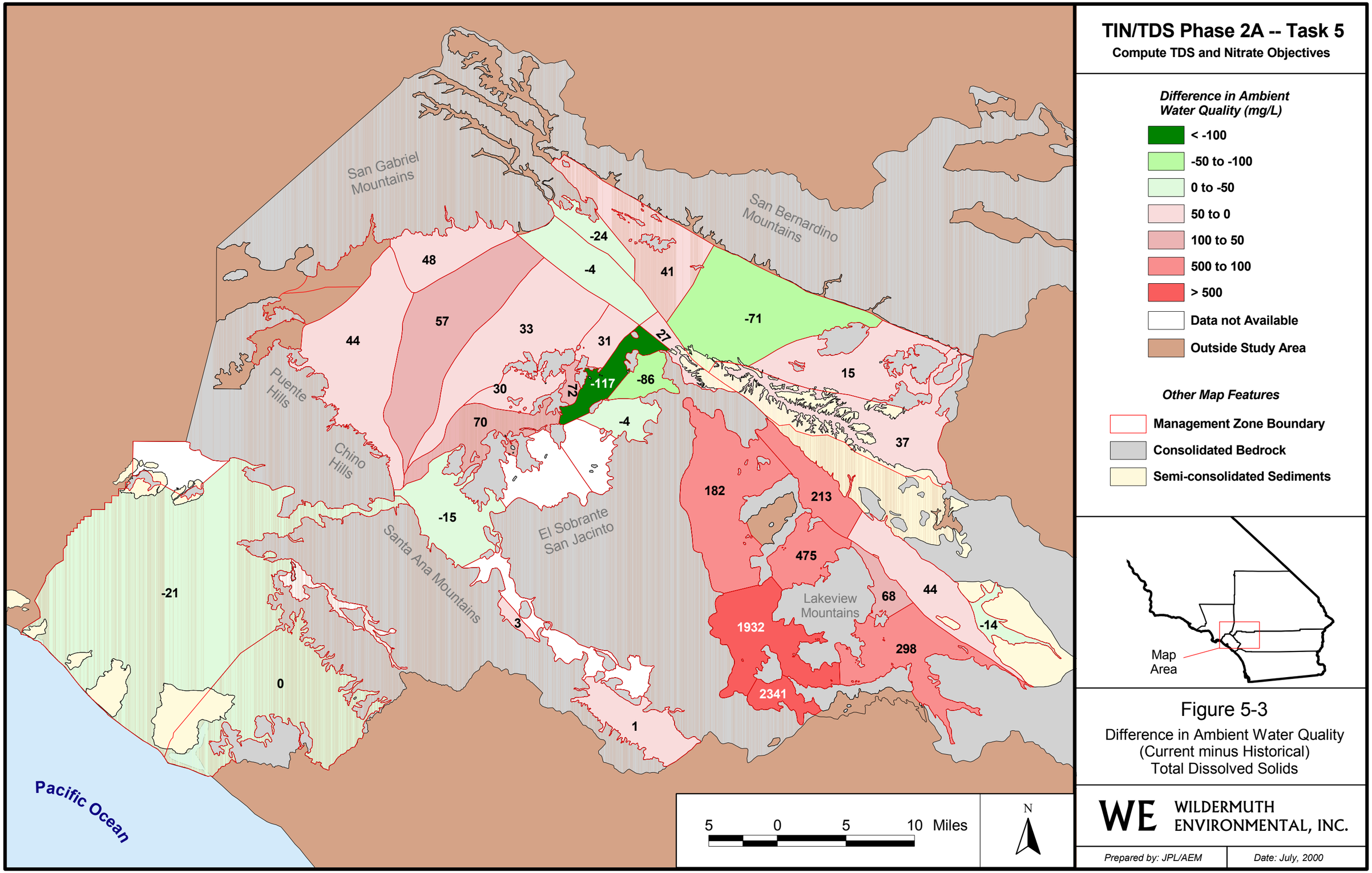

Figure 5-3

Difference in Ambient Water Quality
(Current minus Historical)
Total Dissolved Solids

s:\clients\sawpa\tintds2a\task 5\figures_tables\figs_5-1_thru_5-4.apr

TIN/TDS Phase 2A -- Task 5

Compute TDS and Nitrate Objectives

Difference in Ambient Water Quality (mg/L)

- < -2
- -1 to -2
- 0 to -1
- 1 to 0
- 2 to 1
- 5 to 2
- > 5
- Data not Available
- Outside Study Area

Other Map Features

- Management Zone Boundary
- Consolidated Bedrock
- Semi-consolidated Sediments

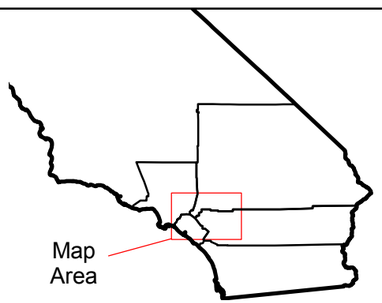

Figure 5-4

Difference in Ambient Water Quality
(Current minus Historical)
Nitrate-N

WILDERMUTH ENVIRONMENTAL, INC.

Prepared by: JPL/AEM | *Date: July, 2000*

s:\clients\sawpa\tintds2a\task 5\figures_tables\figs_5-1_thru_5-4.apr