Figure 7-8
Average Nitrate in Groundwater (1978 to 1997) in the Losing Reach of the Santa Ana River
Upper Santa Ana Basin

TIN/TDS Phase 2A – Tasks 1 & 2
Nitrogen Loss Coefficient

Nitrate as N (mg/L)
- 0 - 5
- 5 - 8
- 8 - 10
- 10 - 20
- 20 - 50

Other Map Features
- Santa Ana River
- Unconsolidated Sediments
- Semi-consolidated Sediments
- Consolidated Bedrock
- Faults (solid where known, dashed where approximated, dotted where concealed, queried where uncertain)
- Groundwater Barrier (suspected fault)
- Groundwater Divide
- Waterways, Reservoirs & Spreading Grounds

Map Area

IEUA Regional Plant #1
Hidden Valley
Riverside Regional WQCP

WE WILDERMUTH ENVIRONMENTAL, INC.
Prepared by: JPL/ERM
Date: July 2010
Average Nitrate in Groundwater (1978 to 1997) in the Orange County Forebay

Lower Santa Ana Basin

Chino Hills
Santa Ana Mountains

Figure 7-13
Figure 7-15
TIN Concentrations at RIX (monthly averages)
Figure 7-16

TIN Concentrations at RIX (annual moving average)

TIN (mg/L)


C-influent  C-effluent