

San Dieguito Watershed Issues of Concern: KEY TO MATRIX

This document begins to organize the issues of concern received as of March 31st, 2005. The issues have been broken down based on how they affect the following three watershed uses: Water Supply, Social Resources, and Habitat. Each of these categories is then further broken out into upper, middle, and lower watershed divisions.

The issues listed below have been placed in the attached Issues of Concern Matrix. The numbers correspond to those on the Matrix.

This document and the Issues of Concern Matrix recognize the following:

- Some Issues of Concern affect multiple portions of the watershed.
- Several of the Issues of concern are interrelated and affect multiple beneficial uses.

Water Supply

Upper Watershed

1. Cattle grazing around Lake Sutherland is causing cryptosporidium concerns and other water quality concerns.
2. There is potential for sedimentation at Sutherland to become an issue.
3. Water supply in the upper watershed is limited (**Need More Clarification**)
4. Post fire sediments
5. Agricultural Runoff contributes nutrient loading to surface waters
6. Agricultural Runoff contributes TDS loading to groundwater
7. Surface Water Recreation contributing toxic pollutants

Middle Watershed

7. Surface Water Recreation contributing toxic pollutants
8. Reservoirs vulnerable to urban uses, including sewage, historic gas stations, mining, highways, herbicides, sediments, storm water (**Need more clarification**)
9. Reservoir Vegetation contributing organics to water column (Other)
5. Agricultural Runoff contributes nutrient loading to surface waters (WQM)
10. Additional Roadway construction will contribute car related pollution to surface waters (WQM, PM)
6. Agricultural Runoff contributes TDS loading to groundwater (WQM)
11. Development increases volume of runoff/flooding potential (PM/Other)

Lower Watershed

5. Agricultural and recreational runoff contributes nutrient to surface waters (WQM)
12. Lack of monitoring makes it difficult to identify problematic sources of pollution (Other).
13. Reduced stream flows affect water quality (HM)
14. Excess vegetation in the riverbed has negative impacts on flood control.
6. Agricultural Runoff contributes TDS loading to groundwater (WQM)

11. Development increases volume of runoff/flooding potential (PM/Other)
15. Dog Beach contributing bacterial loading into lagoon/ocean. (WQM)
16. Runoff from landscaped irrigated areas contributing contains fertilizers and pesticides.

Habitat

Upper Watershed

17. Cattle grazing around Lake Sutherland is causing habitat impacts. (Other)
18. Habitat fragmentation has caused Golden Eagle pairs to be reduced in the Ramona Area (PM)
19. Habitat connectivity needs to be improved throughout the watershed (PM)
20. Drought has made trees more susceptible to beetle infestations and wildfire (Other)

Middle Watershed

19. Habitat connectivity needs to be improved throughout the watershed (PM)

Lower Watershed

21. Reduced stream flows below lake Hodges impact habitat (HM)
22. Excess vegetation in the riverbed has negative impacts on habitat. (**Need more Clarification**)
23. Dog Beach- Dogs wandering into lagoon/ocean have impact on habitat. (WQM)
19. Habitat connectivity needs to be improved throughout the watershed (PM)

Social Resources

Upper Watershed

24. Future development threatens the agricultural character of the River Valley (PM)

Middle Watershed

25. Development increases volume of runoff/flooding potential (PM/Other)
24. Future development threatens the agricultural character of the River Valley (PM)
26. Small local dairies face increasing hardships and are closing/relocating out of the valley (Other?)

Lower Watershed

27. Reduced stream flows below lake Hodges impact recreational opportunities (HM)
25. Development increases volume of runoff/flooding potential (PM/Other)
24. Future development threatens the agricultural character of the River Valley (PM)