
APPENDIX D SURFACE AND GROUNDWATER MONITORING PROGRAM

The following surface and groundwater monitoring program is recommended for the Town of Paradise Onsite Wastewater Management Zone.

A. Surface Water

- Collect and analyze surface water samples bimonthly from all twenty-two stations for total coliform, fecal coliform, fecal streptococcus, and nitrate. Carry this sampling program through the dry season of 1992 (ie. July, September, November 1992) then re-evaluate the monitoring program for on-going operations of the Onsite Wastewater Management Zone.
- Collect additional samples upstream of stations 16S and 33S to more accurately determine sources of bacterial pollution. Analyze for all surface water parameters listed above.
- Compile all analytical results into a database for evaluation of long-term trends in water quality.

B. Groundwater Monitoring

- Disinfect and purge all monitoring wells prior to any further analyses.
- Collect samples from the existing private wells and monitoring wells on a semi-annual basis.
- Analyze groundwater samples for total coliform, fecal coliform and nitrate.
- Continue to record depth to groundwater in each well prior to purging and record the pH, temperature and specific conductance of the groundwater with a properly calibrated field instrument.

