

Appendix 5-A

Identification of Priority Actions for Surface Water Quality Strategy

**Table 1
 Surface Water Quality Strategy**

Action	Criteria for Evaluating Priorities							Priority Level scale of 1 to 3 ⁽¹⁾
	Addresses a Major Cause of Impairment	Or Provides Improved Foundation for Other Actions	Adequately Addressed by Existing Programs	Cost- Effective	Funding Available	Supported by Stake- holders and Public	Watershed Plan Suitable Vehicle for Advancing Action	
GOAL 1: REDUCE NON-POINT SOURCE POLLUTION								
<i>Objective 1: Prevent/mitigate forest practices impacts</i>								
▪ Action 1A: Improve Forest Road/Trail Management	Yes	N/A	Yes	ND	ND	Yes	No	3
▪ Action 1B: Improve Timber Harvest Management	Yes	N/A	Yes	ND	No	Yes	No	3
▪ Action 1C: Other Watershed Actions	N/A	Yes	Yes	Yes	No	(Yes)	Yes	2
<i>Objective 2: Prevent/mitigate agriculture impacts</i>								
▪ Action 2A: Improve Irrigation Management	Yes	N/A	Yes	Yes	Yes	Yes	Yes	1
▪ Action 2B: Improve Cropland Management	Yes	N/A	No	Yes	No	Yes	Yes	1
▪ Action 2C: Reduce Impacts of Agricultural Chemicals	(Yes)	N/A	Yes	Yes	(Yes)	(Yes)	Yes	2
▪ Action 2D: Address Livestock Impacts	Yes	N/A	(No)	(Yes)	Yes	Yes	Yes	1
▪ Action 2E: Control Other Agricultural Impacts	N/A	Yes	No	Yes	No	Yes	Yes	2
<i>Objective 3: Prevent/mitigate stormwater impacts on water quality</i>								
▪ Action 3A: Plan/Implement Municipal Stormwater Runoff Controls	Yes	N/A	(Yes)	Lower	No	Yes	Yes	2
▪ Action 3B: Plan/Implement Industrial Stormwater Runoff Controls	No	N/A	Yes	Lower	No	Yes	N/A	3

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Objective 4: Prevent/mitigate resource extraction impacts								
▪ Action 4A: Control Impacts of Gravel Mining	Yes	N/A	No	ND	No	Yes	Yes	2
Objective 5: Prevent/mitigate recreation impacts								
▪ Action 5A: Improve Recreational Use Management	No	N/A	No	ND	No	Yes	Yes	3
GOAL 2: SUPPORT/MAINTAIN POINT SOURCE PROGRAMS								
Objective 6: Maintain/improve compliance with discharge permits								
▪ Action 6A: Upgrade Wastewater Facilities	Yes	N/A	Yes	Yes	(Yes)	Yes	Yes	3
▪ Action 6B: Accommodate Service Area Growth	Yes	N/A	Yes	Yes	Yes	Yes	Yes	2
GOAL 3: IMPROVE INTERAGENCY COORDINATION OF WATER QUALITY PROGRAMS								
Objective 7: Improve interagency coordination								
▪ Action 7A: Improve Interagency Coordination	N/A	Yes	No	Yes	N/A	Yes	Yes	1
GOAL 4: IMPROVE WATERSHED-WIDE INFORMATION BASE								
Objective 8: Improve understanding of problems and solutions								
▪ Action 8A: Improve Cause-Effect Understanding	N/A	Yes	No	N/A	No	No	Yes	1
▪ Action 8B: Improve Problem/Solution Definition	N/A	Yes	No	ND	No	No	Yes	2
▪ Action 8C: Expand Monitoring Activities		Yes	No	Yes	No	No	Yes	1

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GOAL 5: ENSURE WATER QUALITY STANDARDS REFLECT NATURAL REGIONAL CONDITIONS								
<i>Objective 9: Ensure water quality standards reflect natural regional conditions</i>								
▪ Action 9A: Refine Water Temperature Criteria	N/A	Yes	No	N/A	No	Yes	Yes	2
▪ Action 9B: Define Background Turbidity Levels	N/A	Yes	No	N/A	No	Yes	Yes	2
GOAL 6: MINIMIZE WATER RESOURCE MANAGEMENT IMPACTS ON WATER QUALITY WHILE SUPPORTING LOCAL WATER USES								
<i>Objective 10: Minimize water resource impacts on water quality</i>								
▪ Action 10A: Improve Surface Water Resource Project Operations	Remedial Action	N/A	Yes	ND	No	Yes	Yes	2
▪ Action 10B: Assess Groundwater Impacts on Surface Water	N/A	Yes	Yes	Yes	Yes	Yes	Yes	2

⁽¹⁾ Priorities: 1 = high priority; 2 = medium priority; 3 = low priority
 N/A = Not Applicable
 ND = Not Determined

Priority Level (Notes)

Objective

- 1A - Responsibility of Fish and Water or TFW forest management programs.
- 1B - Same as above.
- 1C - Monitoring information forested headwaters important because of large area, major source of water supply and importance to fish habitat.

- 2A - Extent of agricultural activity; importance in WQ impacts.
- 2B - Extent of agricultural activity; importance in WQ impacts.
- 2C - Largely covered by existing regulatory programs.
- 2D - Not adequately covered by existing programs; importance in loading; public health effects.
- 2E - Monitoring/education needed; but not top priority.

- 3A - Already required; implementation best handled at local level; main need is funding assistance to local governments.
- 3B - Implementation program substantially in place under existing regulations.

- 4A - Important water quality and habitat issues being addressed.

- 5A - Impacts are localized and somewhat transitory.

- 6A - Covered by existing regulatory programs. Effective ongoing programs in place.
- 6B - Covered by existing regulatory programs. Main need is resources to expand systems and solve local problems.

- 7A - Water quality issues cut across jurisdictions and government programs; coordination needed for effective actions and use of funds.

- 8A - Priority information required to effectively address issues and direct future resources. Investment for long term.
- 8B - Localized data needed at sub-basin scale; but lower priority for watershed plan compared with basin-wide needs.
- 8C - Comprehensive and integrated monitoring needed to effectively address issues and direct future resources. Investment for long-term.

- 9A - Important background information (uses and background) for WQ standards application; but very complex to develop.
- 9B - Important background information for comparison with standards and TMDL compliance. May be costly to develop.

- 10A - Important connection between quality and quantity but too many unknowns; difficult to define feasibility at this time.
- 10B - Important information already being gathered for future groundwater management.