Appendix E
303(d) Listed Streams and Protocol for Addressing Impaired Waters on BLM Administered Lands

303(d) Listed Streams by Subbasin

Stream Name	River Mile	Approximate Location	Listed Parameter
Little Deschutes Subbasin			
Crescent Creek	0-26.1	Mouth to Crescent Lake	Temperature
Little Deschutes River	54-78		Temperature
	0-54		Dissolved Oxygen
Paulina Cr.	0-13.2	Mouth to Paulina Lake	Temperature
Upper Deschutes Subbasin			
Deschutes River	126.4-162.6	Upstream of Squaw to upstream of Tumalo	Temperature, pH
	189.4-222.4	Sunriver to Upstream of Bull Bend	Sediment, turbidity, dissolved oxygen
Squaw Creek	0-21		temperature
Lower Crooked Subbasin			
Crooked River	0-51	Mouth to Baldwin Dam	Bacteria (fecal coliform), pH, temperature
	51-70	Baldwin Dam to Prineville Reservoir	Total Dissolved Gas
McKay Creek 1	0-14.7	Mouth to Little McKay Cr.	Temperature
Marks Creek 1	0-17.1		Temperature
Mill Creek	0-11.5	Mouth to E./W. Forks	Temperature
Ochoco Cr.	0-36.4	Mouth to Camp Branch	Temperature
Upper Crooked Subbasin			
Crooked River	82.6-109.2	Upstream of Deer Cr. to N. Fk. Crooked River	Temperature, pH
Bear Creek	0-34.3	Mouth to Headwaters	Temperature

Protocol for 303(d) listed Streams

BLM will validate the 303(d) listing of its waterbodies.

BLM will review the current 303(d) list and listing rationale to determine if the waterbody was correctly listed.

BLM will provide the State with documentation or evidence if the waterbody was erroneously placed on the list while it actually meets the water quality standard for which it was listed.

BLM will assess the effect of its management actions on the water quality parameter for which a waterbody is 303(d) listed.

BLM management activities will be assessed for their effects on water quality for the standard for which it was listed. This will be done at the site-specific scale during evaluations of GMAs.

BLM will document and present evidence to the State where sufficiently stringent management measures (Appendix O) have been implemented to bring listed segments into compliance in a reasonable timeframe. For such situations, development of a TMDL and WQMP are not needed. EPA's current interpretation of this is measures that would allow the waterbody to meet the water quality standard within two years.

For waterbodies that remain on the 303(d) list and are affected by BLM management activities, BLM will develop or adjust management actions necessary to restore water quality and meet Oregon water quality standards. BLM will work with the State agencies and local tribes to set priorities and timelines for addressing listed waterbodies.

BLM will develop water quality restoration plans (WQRP), to address the water quality parameter at issue for lands it administers. A draft WQRP for the Upper Deschutes and Little Deschutes Subbasins, completed jointly with the Deschutes National Forest, is currently on file in the Prineville District BLM office. The expected completion date for the final WQRP is October, 2004. The remainder of the planning area will be addressed in the WQRP for the Lower and Upper Crooked River Subbasins, to be completed jointly with the Ochoco National Forest.. BLMs WQRPs may be developed before or after the State's Total Maximum Daily Load standards (TMDLs) and Water Quality Management Plans (WQMPs), depending upon the State's timeframes. Once the State's WQMP is developed, the BLM's WQRP must incorporate the WQMPs management measures to meet the TMDL's load allocation. Any WQRP developed prior to a WQMP would have to be adjusted if needed to incorporate the management measures of the WQMP.

BLM will submit WQRPs to the State for coordination purposes. If WQRPs are developed prior to TMDLs and WQMPs, submission of the WQRP is a means for the BLM to provide the State with information that may be incorporated into the TMDL and WQMP. After WQMPs are developed, submission of the WQRP provides an opportunity for the State and BLM to jointly review BLM's management activities for compliance with the management measures of the WQMPs.

BLM will implement WQRPs upon their completion, with adjustments as necessary.