

This Table provides a comparison of the assessment and evaluation processes outlined in the 4180 Handbook with two Watershed Assessment tools. The Table is provided to allow Field Offices to determine which tools will best meet their assessment and evaluation needs.

**CROSSWALK BETWEEN THE LAND HEALTH EVALUATION PROCESS AND
EXISTING TOOLS FOR CONDUCTING WATERSHED ASSESSMENTS**

Step in Land Health Evaluation Process	Corresponding Step from Existing Watershed Assessment Tools (i.e., Federal Guide, Framework)	Source of Modules, Techniques, or Guidance Which Can Be Used to Address the Land Health Fundamentals
A. Prepare an Evaluation 1. Assemble ID Team 2. Determine evaluation areas 3. Prioritize evaluation areas	No corresponding step.	<i>4180 Handbook for Evaluating Land Health Standards</i>
B. Conduct Evaluations 1. Subdivide evaluation area	No corresponding step.	<i>4180 Handbook for Evaluating Land Health Standards</i>
B. Conduct Evaluations 2. Select indicators 3. Select evaluation method	Rate Factors Influencing Watershed Function, Ecological Processes, Water Quality and Habitat	<i>Framework (WF, EP, WQ) , Federal Guide (HA) 4180 Handbook for Evaluating Land Health Standards</i>
B. Conduct Evaluations 2. Select indicators 3. Select evaluation method	Identify Important Watershed, Ecological, Hydrologic and Habitat Factors to Further Analyze	<i>Framework (WF, EP, WQ) , Federal Guide (HA) 4180 Handbook for Evaluating Land Health Standards</i>
B. Conduct Evaluations 4. Compile and Organize Information a. Determine current conditions	Characterize the Watershed • Climate • Surface Water Quality and Quantity • Ground Water • Watershed Function (including erosion processes and stream channel characteristics) • Riparian/Wetland Areas • Soils • Geology • Vegetation (plant communities, seral stages) • Human Influence and Uses	<i>Framework (WF, EP, WQ) , 4180 Handbook for Evaluating Land Health Standards</i>
B. Conduct Evaluations 4. Compile and Organize Information a. Determine current conditions	Characterize the Relative Abundance and Distribution of Species of Concern and their Habitats	<i>Federal Guide Modules and/or Subsequent Guidance (HA) 4180 Handbook for Evaluating Land Health Standards</i>

Step in Land Health Evaluation Process	Corresponding Step from Existing Watershed Assessment Tools (i.e., Federal Guide, Framework)	Source of Modules, Techniques, or Guidance Which Can Be Used to Address the Land Health Fundamentals
B. Conduct Evaluations 4. Compile and Organize Information a. Determine current conditions	Establish Current Range and Status of Selected Factors	<i>Framework (WF, EP, WQ) , Federal Guide (HA, Other Issues) 4180 Handbook for Evaluating Land Health Standards</i>
B. Conduct Evaluations 4. Compile and Organize Information b. Determine reference conditions	Establish Reference Levels (Benchmarks) for Selected Factors	<i>Framework (WF, EP, WQ) , Federal Guide (HA, Other Issues) 4180 Handbook for Evaluating Land Health Standards</i>
B. Conduct Evaluations 5. Evaluate Data C. Identify Causal Factors	Identify Cause-Effect Relationships	<i>Framework (WF, EP, WQ) , Federal Guide (HA) 4180 Handbook for Evaluating Land Health Standards</i>
D. Make a Determination	Complete a Land Health Determination	<i>4180 Handbook for Evaluating Land Health Standards</i>
E. Develop a Plan F. Implement the Plan	Assess Potential for Land Health Recovery	<i>Framework (WF, EP, WQ) , Federal Guide (HA) 4180 Handbook for Evaluating Land Health Standards</i>
G. Monitor Progress	No corresponding step.	<i>4180 Handbook for Evaluating Land Health Standards</i>
H. Report Results	Synthesize and Interpret Information/Results	<i>4180 Handbook for Evaluating Land Health Standards (All) Framework (All)</i>

The applicable Fundamental is indicated in parentheses as follows:

- WF Watershed Function
- EP Ecological Processes
- WQ Water Quality
- HA Habitat