

set forth in Section 090 to determine whether all of the applicable water quality standards are being achieved, including any site-specific criteria developed pursuant to these rules, and whether a healthy, balanced biological community is present. In making this determination, the Department shall evaluate the following applicable biological and habitat parameters:

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01. Habitat parameters. These parameters may include, but are not limited to, stream width, stream depth, stream shade, measurements of sediment impacts, bank stability, water flows, and other physical characteristics of the stream that affect habitat for fish, macroinvertebrates or other aquatic life; and

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02. Biological parameters. These parameters may include, but are not limited to, evaluation of aquatic macroinvertebrates including Ephemeroptera, Plecoptera and Trichoptera (EPT), Hilsenhoff Biotic Index, measures of functional feeding groups, and the variety and number of fish or other aquatic life to determine biological community diversity and functionality.

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054. WATER QUALITY LIMITED WATERS AND TMDLS. ()

01. After Determining That Water Body Does Not Support Use. After determining that a water body does not fully support designated or existing beneficial uses in accordance with Section 053, the Department, in consultation with the applicable citizen advisory groups, shall evaluate whether the application of required pollution controls to sources of pollution affecting the impaired water body would restore the water body to full support status. This evaluation may include the following:

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a. Identification of significant sources of pollution affecting the water body by past and present activities;

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b. Determination of whether the application of required or cost-effective interim pollution control strategies to the identified sources of pollution would restore the water body to full support status within a reasonable period of time;

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c. Consultation with appropriate citizen advisory groups, designated agencies and landowners to determine the feasibility of, and assurance that required or cost-effective interim pollution control strategies can be effectively applied to the sources of pollution to achieve full support status within a reasonable period of time; ()

d. Where appropriate, the Department shall emphasize cost effective and technically feasible mitigation of past activities to expeditiously restore a water body to full support status; and

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e. If required or interim pollution control strategies are applied as set forth in this section, the Department shall subsequently monitor the water body to determine whether application of such pollution controls were successful in restoring the water body to full support status. ()

02. Water Bodies Not Fully Supporting Beneficial Uses. Water bodies not fully supporting designated or existing beneficial uses after following the process identified in Section 054.01 will be identified by the Department as water quality limited water bodies, and shall require the development of TMDLs or other equivalent processes, as described under section 303(d)(1) of the Clean Water Act. A list of water quality limited water bodies shall be published periodically by the Department in accordance with section 303(d) of the Clean Water Act and be subject to public review prior to submission to EPA for approval. Additional TMDLs may be developed as described under Section 303(d)(3) of the Clean Water Act which are informational, however, they will not be subject to the provisions of this section. ()

03. Priority of TMDL Development. The priority of TMDL development for water quality limited water bodies identified in Section 054.02 shall be determined by the Director in consultation with the Basin Advisory Groups as described in Sections 39-3601 et seq., Idaho Code, depending upon the severity of pollution and the uses of the water body, including those of unique ecological significance. Water bodies identified as a high priority through this process will be the first to be targeted for development of a TMDL or equivalent process.
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04. High Priority Provisions. Until a TMDL or equivalent process is completed for a water quality limited water body that has been identified as high priority, new or increased discharge of pollutants which have caused the water quality limited listing may only be allowed if included in the TMDL or equivalent process. Once the TMDL or equivalent process is completed, any new or increased discharge of causative pollutants will be allowed only if consistent with the approved TMDL. ()

05. Medium and Low Priority Provisions. Until TMDLs or equivalent processes are developed for water quality limited water bodies identified as medium or low priority, the Department shall require interim changes in permitted discharges from point sources and best management practices for nonpoint sources deemed necessary to prohibit further impairment of the designated or existing beneficial uses.
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a. In determining the necessity for interim changes to existing and limitations upon proposed activities, the Department, in consultation with citizen advisory groups, shall

evaluate the water quality impacts caused by past regulated and unregulated activities in the affected watershed. ()

b. Consideration of interim changes shall maximize the use of cost-effective and timely measures to ensure no further impairment of designated or existing uses. ()

c. Where appropriate, the Department shall emphasize cost-effective mitigation of past activities to ensure no further impairment. ()

06. Pollutant Trading. Development of TMDLs or equivalent processes or interim changes under these rules may include pollutant trading with the goal of restoring water quality limited water bodies to compliance with water quality standards. ()

053055. OUTSTANDING RESOURCE WATERS (ORW). (7-1-93)

01. Nominations for Outstanding Resource Water Designation. Any person may request, in writing to the Board, that a stream segment be considered for designation as an outstanding resource water. To be considered for ORW designation nominations must be received by the Board before June 1 for consideration during the next regular session of the legislature. All nominations shall be addressed to:

Idaho Department of Health and Welfare
Outstanding Resource Water Nomination
Statehouse Mail
Boise, Idaho 83720

The nomination shall include the following information:
(7-1-93)

a. The name, description and location of the stream segment; (7-1-93)

b. The boundaries upstream and downstream of the stream segment; (7-1-93)

c. An explanation of what makes the segment a candidate for the designation;
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d. A description of the existing water quality and any technical data upon which the description is based as can be found in the most current basin status reports; (7-1-93)

e. A discussion of the types of nonpoint source activities currently being conducted that may lower water quality, together with those activities that are anticipated during the next two (2) years, as described in the most current basin status reports; and (7-1-93)

Introduction

A Conference to address the issues related to competition for water will be held December 5-7, 1996, in Las Vegas, Nevada. The **Conference Theme** is *Competing Interests in Water Resources – Searching for Consensus*.

The **purpose** of the Conference is to improve understanding of a problem facing all water users and water providers – the problem of competition for sufficient water supplies to meet all needs. The Conference will address such issues as water rights; conjunctive uses of water; demand management; water marketing and water transfers; and the environmental, social and economic impacts of proposed solutions to water shortages. The **goal** of the Conference is to find ways of achieving consensus among the water user and water provider communities.

The U.S. Committee on Irrigation and Drainage (USCID) will sponsor the Conference. And, organizations involved in these issues will be invited to cooperate. A key issue in the competition for water is the need for sufficient water to preserve and enhance the **environment**. Representatives of environmental organizations are encouraged to respond to the Call for Papers. Proposed papers from authors outside North America will also be welcome.

The Conference will include **technical sessions** on four major topics. Each session will feature several technical presentations and case studies. Speakers will include experts invited by USCID, as well as those selected in response to the Call for Papers. Adequate time for in-depth discussions will follow each presentation. The Conference will conclude with a discussion of **future actions and activities** to be taken by USCID and the cooperating organizations. A **Poster Session** will provide an opportunity for additional papers to be presented.

Prominent speakers will highlight key water resources issues in a **Keynote Address** and in lunch and dinner presentations. A **Study Tour** to view water resources facilities and activities in the Las Vegas area will be held on Saturday, December 7.

USCID will publish a **Proceedings** of the Conference following the meeting. All papers selected for the Conference, including the technical sessions and the Poster Session, will be included in the Proceedings.

Call for Papers

Professionals involved in water resources, agriculture and environmental issues are invited to submit abstracts of papers proposed for the following technical sessions:

- I. **Environmental Needs**
- II. **Demand Management**
- III. **Water Marketing and Water Transfers**
- IV. **Social and Economic Impacts**

Papers should address one or more of the four major topics, in the context of issues relating to competing interests. Papers should reflect the **current** views of water interests representing urban, rural, agricultural, environmental, social, legal, political, tribal, national or international perspectives. And, papers may discuss either emerging issues and trends, or review case studies of solutions achieved. Water quality, in-stream flows, third party impacts, legislation, water rights and conjunctive uses may also be addressed.

Please note – accepted authors will be expected to present an oral summary of their paper during the Conference (a reduced registration fee will be offered) and to prepare a camera-ready version for the Conference Proceedings, following the Conference.

To be considered, please complete the form on the following page and return it to USCID by **July 12**. Abstracts may also be submitted by e-mail to stephens@uscid.org; be sure to include all of the requested information. Authors accepted for the Technical Sessions, or for the Poster Session, will be notified by August 9; draft papers will be due by November 14.

USCID

The U.S. Committee on Irrigation and Drainage (USCID) is a nonprofit professional society whose members share an interest in the planning, design, construction, operation and maintenance of irrigation, drainage and flood control works; agricultural economics; water law; and environmental and social issues affecting irrigated agriculture. For additional information, including publications, meetings and membership, or for the **Final Program and Registration Form for the Conference**, write to:
1616 Seventeenth Street, Suite 483, Denver, CO 80202; or you may call 303-628-5430, fax 303-628-5431, or send e-mail to stephens@uscid.org. The USCID web address is <http://www.uscid.org/~uscid>.