

**State of Oregon  
Building Codes Division  
Interpretive Ruling No. 99-6**

**PLUMBING PRODUCT APPROVAL REQUEST  
BMS EVAPORATIVE VAULT SYSTEM**

**Initiated By:** Jay Beeks, P.E., Engineering Manager, Oregon Parks and Recreation Dept.  
1115 Commercial Street N.E.  
Salem, OR 97310-1001  
Telephone: (503) 378-6305

**REQUEST FOR RULING**

Approval for site specific use of the Biological Mediation Systems, Inc. DEVAP™ 2000 or "Outback" vault evaporator waste disposal system at Smith Rock State Park.

**APPLICABLE CODE SECTION**

1996 Oregon State Plumbing Specialty Code, Chapter 3, Section 301.2 Alternate Materials and Methods.

**FINDINGS**

The evaporative system technology is not addressed in the current code as a means of sewage waste disposal. This type of system is being considered in this interpretive ruling as an alternate system to that prescribed in Chapter 7, of the state plumbing code for sanitary drainage. As an alternate system this ruling is being considered under the code section 301.2 Alternate Materials and Methods and issued under statute authority of ORS 455.060.

This ruling is under consideration for use of the system only at Smith Rock State Park and does not approve the use of this system statewide.

**CONCLUSION**

The provisions of the Oregon State Plumbing Specialty Code are not intended to prevent the use of any alternate material or method of construction provided the alternate has been approved and the materials and design found to be equivalent to that described in the code in quality, strength, effectiveness, durability, and safety. To support an alternate method approval sufficient evidence is required to substantiate claims made by the manufacturer regarding proposed materials or type of construction.

Under this ruling the Biological Mediation Systems, Inc. DEVAP™ 2000 or "Outback" vault evaporator waste disposal system may be used at Smith Rock State Park as an alternate method of sewage waste disposal to that prescribed in the 1996 Oregon State Plumbing Specialty Code.

The State Plumbing Board recommends the Building Codes Administrator adopt Interpretive Ruling No. 99-6 as an acceptable alternative method for sewage waste disposal at Smith Rock State Park.

Lewis E. Seagraves  
Lewis E. Seagraves, Chairman  
State Plumbing Board

December 29, 1999  
Date

The recommendations and findings of the Board are accepted and Interpretive Ruling No. 99-6 is adopted.

Joseph A. Brewer III  
Joseph A. Brewer III, Administrator  
Building Codes Division

January 5, 2000  
Date