An Overview of the Water Management Cross-Cut Plan for Commercialization of America's Unconventional Fuels

Thomas R. Wood1, Anton R. Dammer2, Cathy J. Wilson3, Jack Parker4, Richard L. Skaggs5, and Therese Stovall6

Idaho National Laboratory1, U.S. Department of Energy2, Los Alamos National Laboratory3, University of Tennessee4, Pacific Northwest National Laboratory5, and Oak Ridge National Laboratory6

ABSTRACT

The increasing dependence of the United States on foreign energy resources, and the associated economic and environmental concerns, have led to increased interest in unconventional fuels. To support development of these fuels, the Department of Energy has assigned a high priority to the development of suitable water management strategies that will ensure the safe, efficient and environmentally sound development of unconventional fuels. These strategies will accommodate the water requirements of the fuel industry, and must be compatible with the water quality needs of all stakeholders in the region where the fuel is developed and distributed.

OBJECTIVES AND STRATEGIES

A major thrust of the Plan will be development of Regional Water Management Plans that will include an analysis of water resources, water systems, and water withdrawals for all regions of the United States involved in the extraction, processing, and transportation of unconventional fuels. In addition, the Plan will identify and incorporate best management practices to ensure protection of water resources and effective use of water resources. Best management practices will be identified and incorporated into local and regional plans to ensure effective use of water resources.

Strategy 1: Promote public/private outreach programs and initiatives to enhance water awareness and conservation.

The Plan will identify hydrologic, geologic, land use, water quality, human resources, and other data and information that are relevant to the development of unconventional fuels. The Plan will address the need for additional data that are not currently available and the need for improved data that are currently available. The Plan will also identify and prioritize the need for water-related programs and activities that will be conducted in collaboration with all stakeholders.

Strategy 2: Develop and implement a water management plan for each region of the United States involved in the extraction, processing, and transportation of unconventional fuels.

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Strategy 3: Develop and implement a water management plan for each region of the United States involved in the extraction, processing, and transportation of unconventional fuels.

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Strategy 4: Promote public/private outreach programs and initiatives to enhance water awareness and conservation.

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Strategy 5: Develop and implement a water management plan for each region of the United States involved in the extraction, processing, and transportation of unconventional fuels.

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Strategy 6: Promote public/private outreach programs and initiatives to enhance water awareness and conservation.

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Strategy 7: Develop and implement a water management plan for each region of the United States involved in the extraction, processing, and transportation of unconventional fuels.

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Strategy 8: Promote public/private outreach programs and initiatives to enhance water awareness and conservation.

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Strategy 9: Develop and implement a water management plan for each region of the United States involved in the extraction, processing, and transportation of unconventional fuels.

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Strategy 10: Promote public/private outreach programs and initiatives to enhance water awareness and conservation.

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Strategy 11: Develop and implement a water management plan for each region of the United States involved in the extraction, processing, and transportation of unconventional fuels.

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