Updated Moscow Action Plan

In support of the COMMITTEE goals and activities, the City of Moscow proposes to:

- Attempt to limit annual aquifer pumping increases to one percent (1.0%) of the pumping volume based on a five (5) year moving average of the pumping starting with 1986 (745 mgy). Attempt to limit the accumulated total pumping to a targeted maximum of 125% of the 1981-1985 average (increase from 700 mgy to 875 mgy).

- Continue a conservation based rate structure for single family residential customers. Promote programs to encourage conservation and sustainable water use by multi-family residential and commercial uses.

- Continue the formal Conservation Program which includes actions such as offering free water conserving devices to customers and consider adding a toilet replacement rebate program.

- Continue membership in COMMITTEE with funding for studies and research projects as authorized by the City Council.

- Continue program to update failing consumer water meters.

- Continue to participate in education programs (i.e. schools, bill stuffers, cable TV)

- Encourage water recycling at building permit level for major water users.

- Continue to make city wastewater treatment plant (WWTP) effluent available to the University of Idaho in accordance with the City’s agreement with the University.

- Continue use of WWTP effluent for irrigation at WWTP in accordance with the City’s agreement with the University.

- Continue 24-hour daily recordings of water levels and production.

- Continue input to the COMMITTEE of City’s monitoring efforts.

* The text of the original (1992) PLAN is presented in bold plain font; Informational updates to the PLAN appear in italics. Updates to plan figures contain the word “Updated” in the caption.
• Comply with all State and Federal regulations pertaining to hazardous materials, storm water disposal, solid waste disposal, sewage sludge disposal, non-point source, household contributions, and well construction and abandonment.

• Explore possible expansion of WWTP effluent reuse.

• Continue examination of alternate water supply options as approved by the City Council.

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Updated Pullman Action Plan

The following is the action plan of the City of Pullman. It specifically supports the goals of the COMMITTEE as appropriate for this ENTITY, as stated in the PLAN, and as referenced below. In no case is this action plan intended to be in conflict with the PLAN.

COMMITTEE Goals:

- To provide for future beneficial use of the BASIN ground water without depleting the BASIN aquifers while protecting the quality of the water.
- To promote a program of public education and awareness regarding BASIN ground water management issues.
- To promote careful monitoring and analysis of ground water level and usage data for the BASIN.
- To continue to explore possible supplemental water sources for anticipated and potential future water use in the BASIN.
- To review and make recommendations on all water use or land use applications whose anticipated impact on the ground water system potentially lies outside the stated goals of the PLAN or policies adopted by the member ENTITIES.
- To review and make recommendations relative to the development of an agreement for water transfers across the state line.

In support of the COMMITTEE goals and activities, the City of Pullman proposes to:

- Attempt to limit annual aquifer pumping increases to one percent (1.0%) of the pumping volume based on a five (5) year moving average starting with 1986 (827 mgy).
- Attempt to limit the accumulated total pumping to a maximum of 125% of the 1981-1985 average (increase from 767 mgy to 959 mgy).
- Carry out its Conservation Program as outlined in its most current Water System Plan [as of March 1, 2013: Chapter 5.3 of the City of Pullman Water System Plan, Volume 1, Final, May 2008].

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• Continue to pursue future supply options as detailed in its most current Water System Plan [as of March 1, 2013: Chapter 6.3 of the City of Pullman Water System Plan, Volume 1, Final, May 2008].

• Continue membership in COMMITTEE with funding for studies and research projects.

• Continue input to the COMMITTEE of city’s monitoring efforts. Develop usage data by user class ie., residential, single family, multi-family, commercial, institution, industrial.

• Comply with all State and Federal regulations pertaining to hazardous materials, storm water disposal, solid waste disposal, sewage sludge disposal, non-point source, household contributions, and well construction and abandonment.

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Updated Latah County Action Plan

The following is the action plan of Latah County. It specifically supports the goals of the COMMITTEE as appropriate for this ENTITY, as stated in the PLAN, and as referenced below. In no case is this action plan intended to be in conflict with the PLAN.

COMMITTEE Goals:

- To provide for future beneficial use of the BASIN ground water without depleting the BASIN aquifers while protecting the quality of the water.
- To promote a program of public education and awareness regarding BASIN ground water management issues.
- To promote careful monitoring and analysis of ground water level and usage data for the BASIN.
- To continue to explore possible supplemental water sources for anticipated and potential future water use in the BASIN.
- To review and, if appropriate, make recommendations on water use or land use applications whose anticipated impact on the ground water system potentially lies outside the stated goals of the PLAN or policies adopted by the member ENTITIES.
- To review and make recommendations relative to the development of an agreement for water transfers across the state line.

In support of the COMMITTEE goals and activities, Latah County proposes to:

- Promote the perpetual viability of adequate water resources in Latah County to meet present and future needs.
- Endeavor to ensure water is used in a way that protects and enhances the public health and safety.
- Maintain sustainable groundwater resources and prevent degradation of groundwater quality.

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• Encourage water conservation through, but not limited to, the use of landscaping that does not need irrigation (xeriscaping), shared water systems, and use of water conserving technologies. Developments should use water resources as efficiently as reasonably possible.

• Encourage evidence based approaches to and scientific research of water resource issues; and when considering the impact of land uses on water resources and the effects of such uses on surrounding properties, encourage incorporating the most current scientific knowledge including, without limitation, the use of hydrologists, geologists, environmental engineers and other experts where appropriate.

• Discourage use of groundwater for irrigation consistent with the philosophy of Idaho Code 67-6537.

• Provide educational information with building permits promoting water saving fixtures, water conservation, low water use landscaping, well registration, water rights and general knowledge about water resources.

• Establish water conservation policies at all facilities and/or properties managed by Latah County. These policies shall pertain to irrigation practices and physical features of construction.

• Encourage the development and implementation of water education and conservation programs.

• Endorse and support water research projects.

• Review and, if necessary, amend the comprehensive plan, zoning policies, and the emergency management plan to address water resource concerns.

• Recognize riparian zones within the County and offer protection and protection goals.

• Require that new developments comply with applicable regulations for ground water and surface water protection.
Updated Whitman County Action Plan

The following is the action plan of Whitman County. It specifically supports the goals of the COMMITTEE as appropriate for this ENTITY, as stated in the PLAN, and as referenced below. In no case is this action plan intended to be in conflict with the PLAN.

COMMITTEE Goals:

- To provide for future beneficial use of the BASIN ground water without depleting the BASIN aquifers while protecting the quality of the water.

- To promote a program of public education and awareness regarding BASIN ground water management issues.

- To promote careful monitoring and analysis of ground water level and usage data for the BASIN.

- To continue to explore possible supplemental water sources for anticipated and potential future water use in the BASIN.

- To review and, if appropriate, make recommendations on water use or land use applications whose anticipated impact on the ground water system potentially lies outside the stated goals of the PLAN or policies adopted by the member ENTITIES.

- To review and make recommendations relative to the development of an agreement for water transfers across the state line.

In support of the COMMITTEE goals and activities, Whitman County proposes to:

- Review and, if necessary, amend the county comprehensive plan and zoning policies to address quantity and quality concerns.

- The Whitman County Department of Environmental Health and the Washington State Extension Service office will promote conservation practices and use of water saving devices for all water users (no matter what type of source.)

- Encourage the use of water saving devices for all new construction via hand-outs with the building permit application.

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Informational Update to THE PULLMAN MOSCOW GROUND WATER MANAGEMENT PLAN*

- Continue to encourage all public water purveyors to meter all services within their systems.

- Promote wise landscaping and "water" uses through the use of "best management practices" concepts.

- Support the COMMITTEE in pursuing research projects.

- Through education, support the Washington State Department of Health requirements that all new public drinking water wells to install static level measuring devices at the time of pump installation. Encourage owners of existing public drinking water sources, if not already so equipped, to retrofit wells with such a measuring device at the time of pump/hardware removal or repair.

- Encourage the implementation of the Washington State Department of Health requirements that well owners annually report pump head measuring and monthly recording of pumping volumes as part of the annual report by well owners.

- Support the identification of critical recharge areas within the county.

- Require that new developments comply with State agency regulations for ground water and surface water protection.

For detail, go to: www.whitmancountv.org

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Updated University of Idaho Action Plan

- In selected areas of campus, provide demonstration sites for research and testing of xerophytes grasses, shrubs, flowers, and other landscaping which require less water.

- Financially support the COMMITTEE’S education efforts.

- Supplement the COMMITTEE’s educational program with distribution of appropriate information on campus water use and conservation.

- Make public all successful University of Idaho water conservation demonstration projects which can be copied by the public or other ENTITIES.

- Continue to supply COMMITTEE with monthly data on ground water pumping and recycled water irrigation volumes.

- Comply with all State and Federal regulations pertaining to hazardous materials, storm water disposal, solid waste disposal, sewage sludge disposal, non-point sources, and well construction and abandonment.

- Any new water-cooled equipment must use chilled water from the central chilled water system.

- No domestic, deep aquifer water shall be used for cooling. Existing water-cooled equipment shall be converted as found and funds available.

- Shallow aquifer wells are now used in aquaculture research on west campus, to reduce the usage of deep aquifer well water.

- Water saving flush valves, showerheads, and faucet valves have been retrofitted and are part of our design standards for new construction.

- If allowable Irrigation will be on Reclaimed water. Move all systems onto automation as funds are available. All new systems shall be automated.

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Updated WSU Action Plan:

- Carry out its Conservation Program as outlined in its most current Water System Plan [as of November 21, 2013: Chapter 4.0 of the Washington State University Water System Plan, Volume 1, Final, December 30, 2008].


- Continue membership in COMMITTEE with funding for studies and research projects.

- Continue input to the COMMITTEE of the University efforts to monitor consumption.

- Develop usage data by building and irrigation zone as monitoring systems are installed.