



honors

Marvin Glotfelty, PG

for service as a contributor to the *Best Suggested Practices for Aquifer Storage and Recovery*.
His expertise and dedication greatly enhance the accomplishments
of the National Ground Water Association.

"What we have done for ourselves alone dies with us; what we have done for others and the world remains and is immortal."
Albert Pike

A handwritten signature in black ink, appearing to read "Kevin McCray", is written over a horizontal line.

Kevin McCray, CAE
Chief Executive Officer, NGWA
Westerville, Ohio – September 30, 2014

News Release/

NGWA publishes best practices for groundwater professionals on aquifer storage and recovery

(WESTERVILLE, OH – October 2, 2014) A new set of best suggested practices (BSPs) for groundwater professionals involved in aquifer storage and recovery (ASR) projects has been approved by the National Ground Water Association (NGWA).

First conceptualized in 2010, NGWA's *Best Suggested Practices for Aquifer Storage and Recovery* has been developed through consensus of industry professionals with day-to-day experience in ASR system design and operation. The final document was recently approved by the Board of Directors and now is available as a PDF through NGWA's online bookstore.

This abridged guide explains the processes and considerations for an ASR system and its implementation. ASR is one facet of Managed Aquifer Recharge that involves using the aquifer as a storage bank from which water can be recovered later for drinking water purposes. Systems implementing ASR have been employed around the country as a method to sustain water reserves.

Topics included in the BSP are:

- Overview of ASR
- Planning, phased implementation, and project scaling
- Components of an ASR system
- Source water
- Receiving aquifer characteristics
- Drilling methods, well design, and construction
- Monitoring an ASR system
- Evaluating system performance
- Regulatory and policy requirements
- Stakeholder involvement.

For more information on NGWA's BSPs, visit <http://www.ngwa.org/Professional-Resources/bsp/Pages/default.aspx>.

NGWA, a nonprofit organization composed of U.S. and international groundwater professionals — contractors, equipment manufacturers, suppliers, scientists, and engineers — is dedicated to advancing groundwater knowledge. NGWA's vision is to be the leading groundwater association that advocates the responsible development, management, and use of water.

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Hydrogeologic Address/ At 40°05.377'N, 82°54.30'W on 10' of Alexandria silt loam soil underlain by clayey till averaging less than 30" in thickness at top 250' to 300' of Ohio black shale. (Deonian age). Well yields are 2 gpm or less, except in sand and gravel lenses, which can yield 5 gpm or more.