



## Workgroup Accomplishments

Start Date	Completion	Task/Milestones
Sept. 15, 2019	Sept 15, 2019	<p><i>ASR-MAR Workgroup Established</i></p> <p>The GWPC Board of Directors at the 2019 Annual Forum told the Executive Director to form a workgroup to examine Aquifer Storage and Recovery (ASR) and Managed Aquifer Recharge (MAR) issues.</p> <ol style="list-style-type: none"> <li>1. Overall goal is to examine, discuss, and make recommendations to the GWPC Board of Directors regarding Aquifer Storage and Recovery (ASR) and Managed Aquifer Recharge (MAR) issues or topics.</li> <li>2. The Workgroup may also serve as a forum for Federal, State, Tribal, and local government, organizations and public interest, and professional organizations to exchange information, views, and ideas, and to communicate and collaborate on efforts concerning ASR and MAR issues or topics.</li> </ol>
October 2019	Dec. 16, 2019	<p><i>National Water Reuse Action Plan</i></p> <p>Draft National Water Reuse Action Plan was reviewed, and comments were submitted to EPA from GWPC. In part, the comments discussed the ASR-MAR Workgroup.</p>
Feb. 27, 2020	Ongoing	<p>The final version of the EPA WRAP released in 02/27/2002 identified the GWPC and the Workgroup, under Action 2.7.4. as the leader of the task to increase understanding of current aquifer storage and recovery practices. The Workgroup was tasked with facilitating meetings to study and find solutions to the challenges currently limiting the use of Enhanced Aquifer Recharge (EAR) and ASR-MAR. Ongoing updates of the Workgroup are reported monthly.</p>
September 20, 2019	Feb. 3, 2020	<p><i>Workgroup Charter</i></p> <p>Developed and finalized a governance charter for Workgroup, which included statements of purpose, scope, applicability, functions, membership, meetings, and procedures. Charter also provided for 3 co-chairs representing state government, federal government, and practitioners. Charter is available on ASR-MAR Workgroup page.</p>

October 2019	Feb. 12, 2020	<p><i>Workgroup Established</i></p> <p>Co-chairs recruited (details on members available on ASR-MAR Workgroup website). Planning began for 1<sup>st</sup> full Workgroup meeting at the UIC meeting, website established. Co-Chairs requested that GWPC also recruit additional representatives to form a Leadership core.</p>
October 2019	Feb. 17-18, 2020	<p><i>Full Workgroup Meeting</i></p> <p>1<sup>st</sup> full Workgroup meeting took place at the San Antonio Annual Forum. Sessions and Field Trip focused on ASR and ASR-MAR. Announcement of Self Nominations opportunity for Leadership Team was made at meeting.</p>
Feb. 2020	June 30, 2020	<p><i>Leadership Team</i></p> <p>After announcing that the Workgroup as looking for additional leadership members from 3 different categories and that nominations were open to all. Members were recruited, evaluated, selected, and notified of their selection. Announcement is available upon request and was also sent out in the GWPC Communique twice and was on the banner on the GWPC website front page.</p>
July 2020	Ongoing	<p>The first meeting of the Co-Chairs and Leadership Team was held on July 30, 2020. Future meeting frequency should be about every 2 months. Co-Chairs met on September 18, 2020.</p>
April 2020	Late September 2020	<p><i>ASR-MAR Workgroup Workplan</i></p> <p>Workplan has been developed and is considered a living document that is subject to revision. Topical areas that will be addressed by the Workgroup have been identified by the Co-chairs and were reviewed by the Leadership Team. Topics will be prioritized and updated as needed. Current version of the workplan was presented to the GWPC Board on September 28, 2020.</p>
May 2020	August 6, 2020	<p><i>Virtual Workgroup Training</i></p> <p>1<sup>st</sup> virtual Workgroup Webinar was conceived, planned, and held with over 254 attendees. Topic was ASR in Florida. Slides and recorded presentation available on ASR-MAR Workgroup website. Goal it to hold a full Workgroup meeting once a quarter that will have both discussion of one of the issues identified in the workplan or a State Spotlight and will provide free continuing education opportunities for all who attend.</p>

March 2020	September 29, 2020	<p><i>Workgroup Sessions at Meetings</i></p> <p>Virtual Technical session for Workgroup held at the GWPC Annual Groundwater Forum as part of a technical session on Aquifer Storage &amp; Recovery, Managed Aquifer Recharge, and Enhanced Aquifer Recharge during the 2020 Virtual Annual Forum. The session included an overview of the ASR-MAR Workgroup and its activities. 157 attendees.</p>
Feb. 27, 2020	Ongoing	<p><i>Coordination with the WRAP</i></p> <p>GWPC Staff are reporting back on activities of the ASR-MAR Workgroup and coordinating with the Consultants that are developing reports related to ASR/AR and enhanced aquifer recharge. Efforts to update the WRAP have begun.</p>
September 2020	November 12, 2020	<p><i>Virtual Workgroup Training Webinar</i></p> <p>The next ASR-MAR Workgroup meeting is currently being planned. The presenter will be Timothy Parker of Parker Groundwater. He will discuss Aquifer Recharge in California – Long-term Projects and New Emphasis Under SGMA.</p>
September 2020		<p><i>Glossary of Terms</i></p> <p>Announcement of Workgroup's efforts to compile a glossary of terms that are being used by regulators, researchers, and practitioners was announced at the Virtual Annual Forum. Membership will be polled for their contributions and coordination with other organizations is planned. Websites related to ASR and MAR will be examined.</p>

ASR-MAR Workgroup Web Page <http://www.gwpc.org/about-us/divisions/work-groups/asr-mar-workgroup> contains information and links to: Workgroup Charter, Workgroup Workplan for 2020- 2021, National Water Reuse Action Plan, Co-Chair Information and Leadership Team Members, Links to Webinar recording and slides, and a list of Accomplishments.

Future Web Page Development plans include posting future work products when completed and development of a "library" of reference materials, glossary of terms, white papers, and all GWPC ASR and MAR materials that are currently available, such as sections from the *Report to the Nation* and past meeting slides/abstracts.