

## WATER MANAGEMENT APPROACH

Water plays a vital role with its direct and indirect usage in all segments of our business operations. The sources from which water is withdrawn at MGP sites include third-party water (municipal water) and groundwater (well water). The World Resources Institute 'Aqueduct Water Risk Atlas' was utilized in September 2022 to assess for areas with water stress and according to this widely used tool, all of MGP's sites in the United States are located in low water stress areas.

MGP tracks its water withdrawal and water discharge for all its facilities. Our water management approach is centered on minimizing water usage by reducing, reusing, and recycling as applicable for the process operations. The wastewater generated at the facilities is treated at our onsite water treatment plant in Atchison, Kansas and through municipal wastewater treatment plants for other facilities before being released to the environment. The criteria for wastewater discharge includes pH, total suspended solids, and

biological oxygen demand (BOD) depending on the requirements by NPDES and local treatment facilities. MGP maintains compliance with all local and federal regulations.

We are currently working on improving water flow data measurement and monitoring, finding solutions to further improve wastewater quality, and implementing related projects. MGP has also undertaken a project to reduce nutrient concentration from its wastewater at one of its facilities. Once implemented, this project will not only improve the quality of wastewater, but also lead to more opportunities to recycle water to non-contact process operations.

MGP is in the process of aligning its environmental sustainability reporting with the GRI Standards and has presented its Jan. – Sept. 2022 water data in the tables below.

**Table 1. Water Withdrawal (megaliters) for Jan. – Sept. 2022**

Water Withdrawal	
Water withdrawal by source	All areas (ML)
Groundwater (total)	8,713
Third-party water (total)	2,079
<b>Total water withdrawal</b>	<b>10,792</b>

**Table 2. Water Discharge (megaliters) for Jan. – Sept. 2022**

Water Discharge	
Water discharge by destination	All areas (ML)
Surface water (total)	8,116
Third-party water (total)	1,196
<b>Total water discharge</b>	<b>9,312</b>

**Table 3. Water Consumption (megaliters) for Jan. – Sept. 2022**

Water Consumption	
	All areas (ML)
<b>Total water consumption</b>	<b>1,479</b>