



The Morrisania Water and Supply Company's ditch had a 1,350 ft segment (seen in photo below on the left) that was losing as much as 20% of flows through seepage. The Ditch Rehabilitation Project restored the headgate to reduce risk of failure and piped the 1,350 ft of ditch to reduce seepage and evaporative losses.



Project Description

The Morrisania Water Supply Company, established in 1910, owns and operates diversion and supply infrastructure primarily for irrigation, which is supplied with water from Battlement Creek. The Company serves 65 shareholders on 880 acres.

The Ditch Rehabilitation Project focused on the aging headgate and a 1,350-foot reach of ditch which experienced notable losses due to seepage, preventing the ditch from delivering the Company's full water rights. To address these issues, the Company rehabilitated the headgate with new concrete in areas that had spalled and cracked, as well as piped the ditch with 24-in HDPE. Work took place between October 2022 and January 2023.

P R O J E C T D A T A		
<i>Sponsor:</i> Morrisania Water Supply Co	<i>County:</i> Garfield	<i>Water Source:</i> Battlement Creek
<i>Type of Project:</i> Ditch Rehabilitation		<i>Board Approval Date:</i> September 2022
<i>Loan Terms: (Original)</i> \$141,400.00 <i>(Final)</i> \$101,000.00 @ 2.45% for 20 years		
<i>Design Engineer:</i> JUB Engineering		
<i>Contractor:</i> JC Excavating		