



**STORMWATER MANAGEMENT COMMISSION
MEMORANDUM**

October 30, 2018

To: Stormwater Management Commission
From: Mike Warner, Director
RE: Grandwood Park Park District (GPPD) – Lake Dam Rehabilitation (2018 CCIP)

ACTION REQUESTED: Intergovernmental Agreement Approval

SMC had included this funding request as part of our 2018 budget submittal, as a Corporate Capital Improvement Project (CCIP), and was previously approved for the use of \$157,000 for this project. Since then the GPPD has been working through engineering and permitting, with recent allowance to start construction based on revised construction plans approved by the IDNR Dam Safety Section. Staff is requesting approval of this agreement, to get construction started prior to winter conditions, in an attempt to lower some potential costs through the construction process.

As part of the Mill Creek Watershed 'Plan' process, the site-specific action plan calls out the Grandwood Park Lake Dam restoration as a Critical Area Action with 'High Priority'. The Grandwood Park Lake Dam was studied and determined that a replacement spillway would mitigate shoreline erosion in proximity to the spillway and emergency overflow path, and with an enhanced energy dissipation design, will greatly reduce downstream channel erosion, which is currently resulting in large areas of bank failure and loss of private properties. Flood damage areas documented in the Plan, will also be mitigated by implementing the improvement and reducing flood heights caused by the current spillway restriction and frequent blockage. Hardening of the dam structure will also provide a higher level of protection for infrastructure within the County and in the floodway (road, sewer and water). This also will lessen the need for emergency services at this location during a flood.

Please let me know of any questions or comments. Thank you.