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MEMORANDUM

To: Sue Pyles, P.E., Senior Staff Engineer **Date:** January 17, 2020

From: Dan McGhee, P.E.

Re: Summit View Farms 4th Plat - Stormwater Management Memorandum
Lamp Rynearson Project # 0318050.02

Summit View Farms 4th Plat consists of 46 single family residential lots and one neighborhood swimming pool tract. The plat discharges west through Kansas City, Missouri (KCMO) City Limits to a tributary to Mouse Creek. Stormwater discharges to this tributary are regulated by KCMO for compliance with their stormwater management plan criteria.

Proposed Summit View Farms 5th Plat in KCMO is located to the west of 4th Plat and will contain a stormwater management basin and storm sewer and sanitary sewer extensions to serve 4th Plat in Lee's Summit. No single-family lots or homes are proposed in 5th Plat. The stormwater management basin is designed to provide detention for the 50%, 10%, and 1% 24-hour storm events. Level of service water quality is addressed in accordance with APWA / MARC BMP criteria with native stream buffer preservation, extended wet detention and native vegetation swales in the upstream tributary.

Summit View Farms 4th Plat and 5th Plat will be constructed concurrently.

