

**TOWN OF
APPLE VALLEY, CALIFORNIA**

AGENDA MATTER

Subject Item:

AUTHORIZE SEWER LIFT STATION UPGRADES

Summary Statement:

Town Staff has solicited two design proposals from the Town's consulting wastewater engineer, So & Associates, to upgrade pump station equipment at AD#2B lift station, and to install a comminutor device at AD#3A-1 lift station.

At the AD#2B lift station the pumps, pump motors, drive assemblies, piping and accessory equipment need to be redesigned, upgraded or replaced in advance of anticipated increased flows and future expansion. The proposed cost for the design of the lift station upgrades is \$17,500.

At the AD#3A-1 lift station it is proposed to install a comminutor device (a grinding-type pump to disintegrate in-flowing debris before entering the pumping process), an upgrade that would allow fewer blockages in the station pumps and therefore reduce maintenance costs as well as decrease the risk for station overflows. The proposed cost for the design of the comminutor is \$9,500.

Once the designs are complete, Town Staff will submit the estimated costs for construction and seek authorization from Council to proceed.

Recommended Action:

Approve and authorize payment in the amount of \$27,000 to So & Associates (Town's contracted professional services wastewater engineer) for costs associated with the design for lift station upgrades. The funds are budgeted in the 2010-2011 wastewater capital improvement budget.

Proposed by: Lance Miller, Public Works Manager **Item Number** _____

T. M. Approval: _____ **Budgeted Item** ☒ Yes ☐ No ☐ N/A