City of Needles, California
Request for City Council Action

☒ CITY COUNCIL ☐ NPUA ☒ Regular ☐ Special

Meeting Date: August 13, 2019

Title: Discussion to Direct Staff to Proceed with the Adoption of the Culinary Water & Sanitary Sewer Capital Facilities Master Plan

Background: The City of Needles is experiencing increased water demand due to new industrial, commercial, and residential development in the City. Most of the new development is expected to occur at the north end of the City. The development will increase water demands and sewer production that may exceed the City's water and sewer system capacities. Phase I of the Needles Preliminary Water and Sewer Study was approved on October 17, 2017, by the Board of Public Utilities and on October 24, 2017, by the City Council. Phase I of the study was completed March 9, 2018 and collected data to determine what information is available and what additional information needs to be researched or developed to proceed with the study during Phase 2.

The Phase II work scope of the Culinary Water & Sanitary Sewer Capital Facilities Master Plan was approved by Council on August 14, 2018. The Culinary Water & Sanitary Sewer Capital Facilities Master Plan provides a detailed look at the future conditions of the City including projected water demands and sewer flows and needed capital facility improvements to meet the anticipated demands for both the water and sewer system.

The report lists recommended system improvements in priority. The report identified providing more storage to the Upper Zone is a high priority as well as upsizing the existing booster pump station. The second priority identified in the report is to provide culinary water to North Needles which includes drilling a new well, constructing a new tank and installing pipe all within the North Needles Area. These improvements are not needed immediately but planning for them should begin now.

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adjourned regular meeting for a recommendation of approval to the City Council.

Fiscal Impact: Potential $39,022,065 in new recommended infrastructure improvements to the City's Culinary Water & Sanitary Sewer

Recommended Action: Discussion to Direct Staff to Proceed with the Adoption of the Culinary Water & Sanitary Sewer Capital Facilities Master Plan

Submitted By: Patrick Martinez, Director of Development Services

City Management Review: Sylvia Miledi for Rick Daniels **Date:** 8/7/19

Approved: ☐	Not Approved: ☐	Tabled: ☐	Other: ☐
			Agenda Item: _____

CULINARY WATER & SANITARY SEWER CAPITAL FACILITIES MASTER PLAN

Preliminary Draft

July 29, 2019

epic ENGINEERING

Additional attachments to this agenda item are on file with the City Clerk and available upon request.
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Thank you.