

APPENDIX 4.15.3-1

**Specific Plan Infrastructure Existing Conditions and
Wastewater Generation**

MEMORANDUM

Date: June 27, 2014

To: Jami Williams

Organization: RRM Design Group

From: Bill Strand

Title: Manager of Engineering

Project Name: Azusa TOD Specific Plan

Project Number: 1414003

Topic: Azusa Transit Oriented Development (TOD) Specific Plan Infrastructure
Existing Conditions

Task 2.1 Existing Conditions Infrastructure

Sanitary Sewer

The City of Azusa provide sewer service within the plan area. Sanitary Sewer is collected in the City's collection system which conveys flows to mains owned by Los Angeles County Sanitation District (LACSD). Sewer is treated at LACSD's San Jose Creek Water Reclamation Plant located adjacent to the City of Industry.

The City's Sewer System Master Plan was prepared by Lee & Ro, Inc in 2010. The Master Plan has not identified any hydraulic deficiencies within the plan area based. The City's Capital Improvement Program has identified several existing pipes within the plan area to be rehabilitated with Cured In-Place Pipe (CIPP) reconstruction.

Potable Water

Potable Water is provided by Azusa Light and Water which utilizes on a combination of groundwater from the Main San Gabriel Basin and surface water from the San Gabriel River and imported water purchased from Metropolitan Water District (MWD).

The City is currently updating its water master plan. The plan area is almost entirely located within Pressure Zone 715 which has water pressures ranging from 34 psi to 47 psi. Several streets within the plan area have mains less than 8 inches in diameter and proposed development will be required to upsize the mains to 8 inches along their frontage. Proposed developments are required to analyze their project to ensure adequate fire flows.

Storm Drainage

Storm drainage in the plan area is provided by the City of Azusa and the Los Angeles County Flood Control District (LACFCD). The majority of the plan area drains via surface flow to the Little Dalton Wash which is maintained by LACFCD. The City has not identified any existing storm drainage deficiencies in the plan area.

Proposed development will be required to comply with the Regional Water Quality Control Board MS4 Permit including mitigating storm water runoff to pre-development rates and providing acceptable water quality treatment.