



Memorandum

2014-0320

To: Michael Bracken, Managing Partner
Development Management Group, Inc

From: Lin McCaffrey, PE
Albert A. Webb Associates

Date: May 22, 2015

Re: Lake Elsinore MDP, Project Description and Status

Michael,

Per your email request dated May 20 and our phone discussion on May 22, 2015, Webb prepared project description and status of Lake Elsinore Master Drainage Plan for Walmart EIR reference.

Lake Elsinore MDP Project Description

The existing "Master Plan of Drainage" and Drainage Fee Schedule was approved and adopted by the City in 1990. This master drainage plan divided the City into 51 drainage districts with drainage fee for each district. Since the adoption of the 1990 Storm Drain Master Plan, the City has experienced significant growth and development. In addition, the City has completed an updated of the General Plan in 2011 with resulting changes in land use designations that impact the hydrology element of the Storm Drain Master Plan.

Primary purposes of the Lake Elsinore City Wide MDP update are controlling the flood and drainage problems; identify the critically needed drainage facilities, assess and inventory the existing drainage infrastructures, consolidate the drainage districts, establishing the cost and the funding for city wide flood control and drainage infrastructures for the safe, orderly and economic development of the area. In addition, the MDP also needs to evaluate and address ground water recharging opportunities, watershed-based BMPs, regional and master plan leveled water quality mitigation and treatment with the focus on nutrient reduction, to enhance the beneficial use and minimize the negative impact to the lake water quality from the current and future developments.

Lake Elsinore MDP Project Status

Currently, Webb team has completed the following tasks:

- Existing facility data collection from Riverside County Flood Control and Water Conservation District (RCFCD), Caltrans and the City of Lake Elsinore (including "as-built" storm drain plans, existing ADP, MDP, City approved Specific Plans and GIS data
- Field investigation and assessment of city wide areas with flooding and/ or drainage issues

- Field investigation and documentation of inlet and outlet structures for existing drainage facilities
- Preparation of base map for hydrology studies
- Delineation of drainage district boundaries and tributary watersheds
- Preparation of Drainage District Exhibit for City and RCFCD review

The project completion date per initial schedule is at end of the 2015, the anticipated completion date is approximate end of the 1st quarter or 2nd quarter of 2016.