



April 27, 2017

Project No.: 755-10-17-01
SENT VIA: EMAIL

Ms. Angela Spain
City of Chico
411 Main Street
Chico CA 95928

SUBJECT: Data Collection Annotated List of Received Data and Gap Analysis

Dear Ms. Spain:

In accordance with the City's contract with the State, West Yost has prepared a list of data collected in support of the Stormwater Resource Plan (SWRP). Below, please find a list of information collected to date, and information expected to be needed to complete the SWRP.

DATA COLLECTED

A variety of information is already available for the Big Chico Creek and Little Chico Creek watersheds. This information comes in the form of reports and geographical information system (GIS) data that can be mapped. Therefore, the tabulation of data collected is described in Tables 1 and 2, below, with data still to be collected in Table 3. Each data item collected includes a brief notation of the item's relevance to the SWRP effort.

Table 1. Documents Received		
Title	Date	Relevance to SWRP
Big Chico Creek Watershed Alliance- Input for County Integrated Water Resources Plan	2003	Description of watershed and past projects.
Sanitary Sewer Master Plan Update	June 2013	Sewer service area description, climate, topography, flow monitoring information, land uses.
Post-Construction Standards Plan	March 2017	A guidance document on stormwater post construction design measures for developers and plan checkers.
Little Chico Creek Watershed Existing Conditions Report	December 2002	Information on vegetation, fish & wildlife, water quality, land use.
California Water Service 2015 Urban Water Management Plan for Chico-Hamilton City District	June 2016	Surface and groundwater supplies and demands, Cal Water service area, stormwater and recycled water projects.
Big Chico Creek Watershed Alliance Strategic Plan, 2007-2009	2006	Potential projects and watershed priorities.
2014-2015 Phase II Small MS4 Annual Report	2015	Information on permitting.

Title	Date	Relevance to SWRP
Storm Drain Master Plan Update	2000	Stormwater drainage system description (outdated), hydrology, and description of watersheds.
North Sacramento Valley Integrated Water Management Plan	March 2014	Governance, potential projects, watershed descriptions, water infrastructure descriptions, land uses, water resources, areas and species of biological significance, service area boundaries, water supplies and demands, water quality issues, information on disadvantaged communities, IRWMP boundary.
City of Chico Prop 1 Grant Application	2014	Watershed description, purpose, priorities.
Big Chico Creek Watershed Alliance Existing Conditions Report	1998	Watershed description and history, hydrologic & geologic processes, wildlife, streams, riparian habitats, recreation, environmental education programs, management plans, and regulations for Big Chico Creek.
Mid and Upper Sacramento River Regional Flood Management Plan	November 2014	Potential projects, regional setting, flood hazards, levees, small communities, regional priorities, special status species, and watershed priorities.
City of Chico Stormwater Management Program Plan	July, 2008	Water quality compliance plans, NPDES permit application.

Shapefile Name	Relevance to SWRP
2030existinglanduse	Land uses
Storm_Drain_Basins	Storm drain basins
FAB_Disadvantaged_Communities_Map	DAC locations
FEMA_Flood	FEMA flood zones
geology	Geology
gway_3263337_01_WBDLINE	Watershed boundaries and subboundaries
landusecategories	Land uses
sewer_connected_parcels	Sewer connected parcels
sewerlines	Sewer lines
soils	Soils
TMDL_Tributary_Area_Maps	TMDL tributary areas
usgs_CA	Waterbodies
water_stations	Gaging stations
wbddoc_state_metadata	Watershed information

Shapefile Name	Relevance to SWRP
Storm_Drain_Lines	Storm drain lines
Storm_Drain_Nodes	Storm drain nodes
City of Chico	City boundary
WBD HU08 Watershed Boundary	Watershed boundaries and subboundaries
WBD HU10 Watershed Boundary	Watershed boundaries and subboundaries
WBD HU12 Watershed Boundary	Watershed boundaries and subboundaries
California Cities	City boundary
CA_County	County boundaries
Levees from 2010 DWR California Levee Database	Levees
all_cdec_stations_w_urls_utm10-83	CDEC stream gaging stations
major_rivers_utm	Rivers
Streams Ditches and Canals	Streams ditches and canals
100k_major_lakes	Lakes
USGS_DLG_River_polygons	Rivers
canal24ca	Canals
FEMA Flood Zones - 2012	FEMA flood zones
DWR_LandUse	Land Uses
Federal Wilderness	Federal wilderness lands
Conservation and Public Lands	Conservation and public lands
NHDWaterbody	Waterbodies
hil30m_v1	Hillshade background
NHD_Stream_Zone_Code_Map	Stream zones

Title	Type of Data	Expected Data Acquisition Source
Regional flood planning areas	GIS	To be determined
City detention basins	GIS	City to provide
Stormwater pump stations	GIS	City to provide
California Water Service Company service area	GIS	West Yost to request from Cal Water
Groundwater basins	GIS	West Yost to download from State
Water quality monitoring locations	GIS	West Yost to request from Stream Team

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ADDITIONAL DATA NEEDS

Some additional data may be needed as work on the SWRP progresses and the watersheds and watershed priorities are better understood. Additional data will be needed to support projects that are proposed during the SWRP preparation process, including descriptions and GIS information.

REQUIRED DISCLOSURE STATEMENT

Funding has been provided in full or in part through an agreement with the State Water Resources Control Board, using funds from Proposition 1. The contents of this document do not necessarily reflect the views and policies of the foregoing, nor does the mention of trade names or commercial products constitute endorsement or recommendation for use.

This work product is part of Task 3.1 of Agreement No. D1612613.

Please contact me at (530) 792-3275 with any questions or comments.

Sincerely,

WEST YOST ASSOCIATES



Douglas T. Moore
Engineering Manager
RCE #58122

DTM:lh