



Monterey County

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Board Report

Legistar File Number: WRAG 18-083

April 16, 2018

Introduced: 4/13/2018

Version: 1

Current Status: Agenda Ready

Matter Type: WR General Agenda

Consider recommending that the Monterey County Water Resources Agency's Board of Supervisors:

- Approve an Ordinance of the Monterey County Water Resources Agency Prescribing Rules and Procedures for Water Orders and Deliveries for the Castroville Seawater Intrusion Project, subject to County Counsel approval; and
- Authorize the General Manager to execute and enforce the Ordinance of the Monterey County Water Resources Agency Prescribing Rules and Procedures for Water Orders and Deliveries for the Castroville Seawater Intrusion Project.

RECOMMENDATION:

It is recommended that the Monterey County Water Resources Agency Board of Directors recommend that the Monterey County Water Resources Agency's Board of Supervisors:

- Approve an Ordinance of the Monterey County Water Resources Agency Prescribing Rules and Procedures for Water Orders and Deliveries for the Castroville Seawater Intrusion Project, subject to County Counsel approval; and,
- Authorize the General Manager to execute and enforce the Ordinance of the Monterey County Water Resources Agency Prescribing Rules and Procedures for Water Orders and Deliveries for the Castroville Seawater Intrusion Project.

SUMMARY/DISCUSSION:

Due to the reduced capacity of the Castroville Seawater Intrusion Project (CSIP) to meet instantaneous irrigation demand, a water scheduling ordinance is needed to assure better system reliability in meeting daily irrigation demand. By scheduling delivery of water requested for irrigation within the CSIP service area, water pressure in the distribution pipe can be maintained and pumping of supplemental wells can be reduced.

Over the past 20 years of operations, inflows into the Regional Treatment Plant have been reduced through water conservation efforts. 10 of the original 21 supplemental wells have been removed from service due to water quality issues related to seawater intrusion, or to well casing collapse due to aging and fatigue.

From initial design, CSIP was intended to use a delivery schedule to maximize recycled water while reducing supplemental well pumping. In August of 1998, a draft Water Scheduling Ordinance was proposed. The draft ordinance was tabled at the request of the Water Quality and Operations (WQ&Ops) Committee pending the full-scale operation of CSIP. The WQ&Ops Committee, at its March 2018 meeting, has now requested that MCWRA staff present a Water Scheduling Ordinance to be implemented.

OTHER AGENCY INVOLVEMENT:

Monterey One Water. Its final review pending board of Directors' approval.

FINANCING:

There is no financial impact.

Prepared by: Mark Foxworthy, Associate Water Resources Engineer, (831) 755-8984

Approved by: _____
David E. Chardavoyne, General Manager, (831) 755-4860

Attachments:

1. Draft Ordinance
2. Board Order