

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS
PLANNING COMMITTEE**

COMMITTEE MEMBERS

Ken Ekelund, Chair
Richard Ortiz
Deidre Sullivan

TIME: 10:00 a.m.
DATE: Wednesday, August 14, 2013
PLACE: Monterey County Water Resources Agency
893 Blanco Circle
Salinas, CA 93901
(831) 755-4860

A G E N D A

1. **CALL TO ORDER**
2. **PUBLIC COMMENT**
(Limited to three (3) minutes per speaker on matters within the jurisdiction of the Agency not listed on this agenda. The public will have the opportunity to ask questions and make statements on agenda items as the Committee considers them.)
3. **APPROVE THE MINUTES OF THE PLANNING COMMITTEE MEETING HELD ON JANUARY 23, 2013 AND APRIL 10, 2013**
The Committee will consider approval of the minutes of the above-mentioned meetings.
4. **CONSIDER RECOMMENDING THAT THE AGENCY'S BOARD OF DIRECTORS RECEIVE THE MONTEREY COUNTY FLOODPLAIN MANAGEMENT PLAN 2012 ANNUAL REPORT AND RECOMMEND THE BOARD OF SUPERVISORS ACCEPT THE REPORT**
Tom Moss, Senior Water Resources Hydrologist, will present this item for consideration by the Committee.
5. **CONSIDER RECEIVING AN UPDATE ON THE GREATER MONTEREY COUNTY INTEGRATED REGIONAL WATER MANAGEMENT PLAN PROCESS, AND RECOMMENDING THAT THE AGENCY'S BOARD OF DIRECTORS RECEIVE THE UPDATE**
Robert Johnson, Acting Assistant General Manager/Chief of Water Resources Planning, will present this item for consideration by the Committee.

6. **CONSIDER RECEIVING AN UPDATE ON WATER RIGHTS PERMIT #11043 ACTIVITIES, AND RECOMMENDING THAT THE AGENCY'S BOARD OF DIRECTORS RECEIVE THE UPDATE**

Robert Johnson will present this item for consideration by the Committee.

7. **CONSIDER RECEIVING AN UPDATE ON THE WELL PERMIT APPLICATIONS PROCESSED THROUGH JULY 2013**

Robert Johnson will present this item for consideration by the Committee.

8. **SET NEXT MEETING DATE AND DISCUSS FUTURE AGENDA ITEMS**

The Committee will discuss and determine details for its next meeting.

9. **ADJOURNMENT**

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS
PLANNING COMMITTEE**

Ken Ekelund, Chair
Mike Scattini

Fred Ledesma

TIME: 10:00 a.m.
DATE: Wednesday, January 23, 2013
PLACE: Monterey County Water Resources Agency
893 Blanco Circle
Salinas, CA 93901
(831) 755-4860

MINUTES

1. CALL TO ORDER @ 10:00 a.m. by Committee Chair Ken Ekelund.

Members present: Directors Ken Ekelund, Mike Scattini
Members absent: Fred Ledesma

2. PUBLIC COMMENT

None.

3. APPROVE PLANNING COMMITTEE MINUTES FOR NOVEMBER 16, 2012

COMMITTEE ACTION: On motion by Committee Member Mike Scattini and seconded by Committee Member Ken Ekelund, the Committee approved the November 16, 2012 Planning Committee Minutes.

4. CONSIDER ADOPTING THE GREATER MONTEREY COUNTY INTEGRATED REGIONAL WATER MANAGEMENT PLAN

COMMITTEE ACTION: Due to the lack of a quorum, this item was forwarded to the full Board of Directors for consideration.

5. CONSIDER RECEIVING AN UPDATE ON THE STATE WATER RESOURCES CONTROL BOARD'S REVOCATION OF THE MONTEREY COUNTY WATER RESOURCES AGENCY WATER RIGHTS PERMIT #11043 PROCESS

Robert Johnson, Acting Assistant General Manager/Chief of Water Resources Planning, presented this item for consideration by the Committee. He noted that the State Water Resources Control Board (SWRCB) Permit No. 11043 was issued on November 20, 1957 for municipal use. Water was to be moved north through two projects, the East Side Canal and the Castroville Canal. Two dams and other major projects were constructed by the Agency to utilize local water within the Salinas Valley in order to halt seawater intrusion and balance the Salinas groundwater basin.

The permit has been extended about five times through the years in order to preserve the water right. In 1983, the most recent amended permit revised the diversion rate to 400 cfs; modified the quantity to 168,538 acre-feet annually, and included irrigation, municipal and industrial uses.

The hearing date of January 28, 2013 was postponed. The Agency was granted an extension, though a new hearing date has not been set. Agency staff will be requesting a resolution from the Board of Directors opposing the revocation. Staff will establish an ad-hoc committee with members selected by the Interim General Manager to discuss possible strategies for utilization of the water allocated by Water Rights Permit #11043.

PUBLIC COMMENT: Roger Moitoso of Arroyo Seco Vineyards provided additional historical background to the subject. He feels the permit is not an asset but a liability to the County and should be allowed to expire. In his opinion, this is a permit to sell surface water to the highest bidder i.e. the Monterey Peninsula.

The Committee commented that:

- They would like to see actual annual flows - not an average.
- The permit could be used to maintain and/or improve infrastructure.
- The permit needs to be better defined.
- It is better to hold on to the permit. Without a water rights permit there are no projects. Because of Propositions 13 and 218 it takes an extensive amount of time to get a new project going.
- Must form an ad-hoc committee immediately.

COMMITTEE ACTION: On motion by Committee Member Mike Scattini and seconded by Committee Member Ken Ekelund, the Committee received the update on the State Water Resources Control Board's revocation of the Monterey County Water Resources Agency Water Rights Permit #11043 process and recommended forwarding to the full Board of Directors for consideration.

6. SET NEXT MEETING DATE AND DISCUSS FUTURE AGENDA ITEMS.

The next meeting date is set for Wednesday, February 13 2013 at 10:00 a.m. No future agenda items were discussed.

7. ADJOURNMENT by Chair Ken Ekelund at 10:50 a.m.

Submitted by: Alice Henault

Approved on April 10, 2013

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS
PLANNING COMMITTEE**

Ken Ekelund, Chair
Mike Scattini

Deidre Sullivan

TIME: 10:00 a.m.
DATE: Wednesday, April 10, 2013
PLACE: Monterey County Water Resources Agency
893 Blanco Circle
Salinas, CA 93901
(831) 755-4860

MINUTES

1. CALL TO ORDER @ 10:00 a.m. by Committee Chair Ken Ekelund.

Members present: Directors Ken Ekelund, Deidre Sullivan
Members absent: Mike Scattini

A quorum was established.

2. PUBLIC COMMENT

None.

3. APPROVE PLANNING COMMITTEE MINUTES FOR JANUARY 23, 2013

Committee Chair Ekelund noted a correction to Item 4 of the Minutes: "Committee Action: Due to a lack of a quorum, this item was forwarded to the full board of Directors for consideration." He noted that indeed there was a quorum, however he was unable to vote on this item because of his involvement and participation in the IRWMP Group.

COMMITTEE ACTION: No action was taken by the Committee to approve the Minutes because Committee Member Deidre Sullivan was unable to vote on this item and Committee Member Mike Scattini was absent. Ms. Sullivan was not yet a Committee Member at the time of the January 2013 meeting. The Minutes will be reviewed and acted upon at the next meeting.

4. CONSIDER RECEIVING AN UPDATE ON THE GREATER MONTEREY COUNTY INTEGRATED REGIONAL WATER MANAGEMENT PLAN, AND RECOMMENDING THAT THE AGENCY BOARD OF DIRECTORS RECEIVE THE UPDATE

Robert Johnson, Acting Assistant General Manager/Chief of Water Resources Planning, presented this item for consideration by the Committee. He reviewed the history of the IRWM and then provided an update of current activities of the GMC IRWMP Regional Water Management Group. A new domain name for the web site has been secured, and new

web site is the following: <http://www.greatermontereyirwmp.org>. The website provides information provided in previous updates along with newly completed items developed by the Regional Water Management Group.

The Water Resources Project Coordination (WRPC) is continuing to develop. The WRPC is intended to provide a facilitated forum for individuals and groups to reconcile possible differences when submitting projects to the GMCIRWMP process. This effort focuses on a watershed, or portion of a watershed, and seeks to resolve conflicts through facilitation and science.

The first stakeholder meeting for this process was held on January 30, 2013 in Salinas. The stakeholders want to identify solutions to the water quality, quantity and flood control issues that face the region. The next steps will focus on four major concepts; 1) develop a Landscape Scale Strategy for the selected watershed, 2) identify data gaps, 3) incorporate Corporate/Social Responsibility (CSR) information in the overall strategy, and 4) develop a public outreach and education strategy.

COMMITTEE ACTION: On motion by Committee Member Deidre Sullivan and seconded by Committee Member Ken Ekelund, the Committee received the update on the Greater Monterey County Integrated Regional Water Management Plan and recommended that the Agency Board of Directors receive the Update.

5. CONSIDER RECEIVING AN UPDATE ON WATER RIGHTS PERMIT #11043 ACTIVITIES, AND RECOMMENDING THAT THE AGENCY'S BOARD OF DIRECTORS RECEIVE THE UPDATE

Robert Johnson presented this item for consideration by the Committee. He noted that on February 8, 2013, this issue was presented to the Agency Board of Supervisors and they approved opposing the revocation as well.

A Regional Advisory Committee (RAC) has been formed to assist the Agency in creating a community-developed solution. The first meeting was held on February 28, 2013. Questions and issues were raised at the meeting and staff is working on developing the information to help the Committee make informed decisions regarding the use of the water allocated in the water right permit.

A second RAC meeting was held on March 28, 2013. A summary of Agency water rights was presented. A draft Committee Purpose Statement was developed and should be accepted at the next meeting. Also to be developed is the official map for the permit application. The next meeting for the RAC is scheduled for April 25 in the Agency Board Room from 11:30 am to 1:30 pm.

The SWRCB has proposed new hearing dates: August 13, 14, 15 or 28, 2013. No official announcement has been made. Staff is continuing to work with Downey Brand to develop testimonial materials for the proposed August dates.

COMMITTEE ACTION: Upon motion made by Committee Member Deidre Sullivan and seconded by Committee Chair Ken Ekelund, the Committee received the update on the Water Rights permit #11043 activities and recommended that the Agency Board of Directors receive the Update.

6. CONSIDER RECEIVING AN UPDATE ON THE CAISO METER INSTALLATION PROJECT AT THE NACIMIENTO HYDROELECTRIC PLANT, AND RECOMMENDING THAT THE AGENCY'S BOARD OF DIRECTORS RECEIVE THE UPDATE

Brent Buche Acting Assistant General Manager/Chief of Operations and Maintenance, presented this item for consideration by the Committee. He noted that in order to provide renewable energy on the competitive wholesale energy market a CAISO certified revenue meter is required. CAISO maintains and operates one of the largest, reliable and most modern power grids in the country.

Currently, a PG&E meter measures the amount of energy delivered through PG&E transmission lines. Revenue received by the Agency is based on pricing terms under the current contract and market conditions. The original 20-year PPA with PG&E expired in 2007 and several amendments have extended the end term date to July 31, 2012. The Agency entered into a Public Utility Regulatory Policy Act (PURPA) Agreement (12-month maximum term) with PG&E with two extensions, ending June 30, 2013.

Many tasks have been completed but several unexpected delays were also encountered by staff. AT&T management was advised that the delays were unacceptable. In addition, AT&T had billed Agency for services not rendered. The Agency appealed and was given a \$2,200 credit until the system was operational. In March 2013 AT&T completed testing. AMPS-DMS is scheduled to install the meter and troubleshoot, if needed, on April 10, 2013. An appointment has been tentatively set for May 23, 2013 to test telemetry prior to certification.

COMMITTEE ACTION: On motion by Committee Member Deidre Sullivan and seconded by Committee Chair Ken Ekelund, the Committee received the update on the CAISO meter installation project at the Nacimiento Hydroelectric Plant and recommended that the Agency's Board of Directors receive the update.

7. SET NEXT MEETING DATE AND DISCUSS FUTURE AGENDA ITEMS.

The next meeting date is set for Thursday, May 8, 2013 at 10:00 a.m. The Committee would like an update on the Water Rights Permit #11043 process.

7. ADJOURNMENT by Chair Ken Ekelund @ 10:45 a.m.

Submitted by: Alice Henault

Approved on _____

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS**

MEETING DATE:	August 26, 2013	AGENDA ITEM:	
AGENDA TITLE:	CONSIDER RECEIVING THE MONTEREY COUNTY FLOODPLAIN MANAGEMENT PLAN 2012 ANNUAL REPORT AND RECOMMEND THE BOARD OF SUPERVISORS ACCEPT THE REPORT.		
Consent ()		Action (X)	
Information ()			
SUBMITTED BY:	Robert Johnson	PREPARED BY:	Tom Moss
PHONE:	755-4860	PHONE:	755-4968
DEADLINE FOR BOARD ACTION:	August 26, 2013		

RECOMMENDED BOARD ACTION:

Receive the *Monterey County Floodplain Management Plan 2011 Annual Report* and recommend the Board of Supervisors accept the report.

PRIOR RELEVANT BOARD ACTION:

The Monterey County Water Resources Agency Board of Directors adopted the *Monterey County Floodplain Management Plan 2008 Update* and recommended adoption to the Monterey County Board of Supervisors on January 26, 2009.

The Monterey County Board of Supervisors adopted the *Monterey County Floodplain Management Plan 2008 Update* on February 24, 2009.

DISCUSSION/ANALYSIS:

The *Monterey County Floodplain Management Plan 2008 Update* (FMP) was developed in accordance with the National Flood Insurance Program (NFIP) Community Rating System (CRS) guidelines, to (1) identify the flooding sources affecting Monterey County Repetitive Loss Properties, (2) establish an implementation plan to reduce flooding and flood related hazards, and (3) to ensure protection of the natural and beneficial functions of our floodplains.

Given the long-range nature of the FMP, it is important to evaluate the progress of the community towards achieving the identified goals and objectives. The necessity for regular review and evaluation is an explicit requirement to maintain the benefits of a CRS Class 5 which include annual savings of over \$500,000 for Monterey County flood insurance policy holders.

The *FMP 2012 Annual Report* provides an update of activities within the six primary FEMA-recommended flood mitigation categories and includes recommendations for continued implementation and enhancement of those activities, including: ALERT storm monitoring, sandbag inventory and sand stockpile maintenance, development review, public outreach, drainage system maintenance, and structural flood control projects.

FINANCIAL IMPACT:	YES () NO (X)
FUNDING SOURCE:	N/A
COMMITTEE REVIEW AND RECOMMENDATION:	
ATTACHMENTS:	<ol style="list-style-type: none"> 1. Board Order 2. Monterey County Floodplain Management Plan 2012 Annual Report
APPROVED:	<hr/> General Manager Date



*Before the Board of Directors of the Monterey County Water Resources Agency
County of Monterey, State of California*

BOARD ORDER No. _____

RECEIVE THE MONTEREY COUNTY FLOODPLAIN)
MANAGEMENT PLAN 2012 ANNUAL REPORT AND)
RECOMMEND THE BOARD OF SUPERVISORS)
ACCEPT THE REPORT)

Upon motion of Director _____, seconded by Director _____, and carried by those members present, the Board of Directors hereby:

RECEIVES THE MONTEREY COUNTY FLOODPLAIN MANAGEMENT PLAN 2012
ANNUAL REPORT AND RECOMMENDS THE BOARD OF SUPERVIORS ACCEPT THE
REPORT.

PASSED AND ADOPTED on this ___ day of ___ 2013, by the following vote, to-wit:

AYES:

NOES:

ABSENT:

BY: Ken Ekelund, Chair
Board of Directors

ATTEST: David E. Chardavoyne
General Manager

Monterey County Floodplain Management Plan 2012 Annual Report

INTRODUCTION

The *Monterey County Floodplain Management Plan 2008 Update* (FMP) was developed in accordance with the National Flood Insurance Program (NFIP) Community Rating System (CRS) guidelines, to identify the flooding sources affecting Monterey County Repetitive Loss Properties (RLPs), to establish an implementation plan to reduce flooding and flood-related hazards, and to ensure protection of natural and beneficial functions of our floodplains. The Monterey County Board of Supervisors adopted the effective FMP on February 24, 2009.

The CRS was implemented in 1990 as a program for recognizing and encouraging community floodplain management activities that exceed the minimum NFIP standards. Under the CRS, flood insurance premiums are adjusted to reflect the reduced flood risk resulting from community activities. The classification system ranges from Class 10 to Class 1. Communities receive no discount on flood insurance premiums at the Class 10 entry level; however, a 5% discount is provided for each class reduction. Monterey County completed a five-year CRS Cycle Application with the Insurance Services Office in July 2006. Through this process, Monterey County was upgraded to a Class 5 community on May 1, 2007. The Class 5 rating provides annual savings of over \$500,000 for Monterey County flood insurance policyholders.

As required by CRS guidelines, a community with ten or more repetitive loss properties must prepare a plan to describe its repetitive loss problems and map repetitive loss areas. The community is also required to undertake an annual outreach program targeting repetitive loss areas. A RLP is defined as a property for which two or more claims of at least \$1,000 have been paid by the NFIP within any given ten-year period since 1978. There are currently 109 RLPs in Monterey County.

Given the long-range nature of the FMP, it is important to evaluate the progress of the community towards achieving the identified goals and objectives. The necessity for this regular review and evaluation is an explicit requirement to maintain the benefits of a CRS Class 5 rating.

2012 ANNUAL REPORT

FMP GOALS AND OBJECTIVES

The FMP identified the following goals and objectives:

- **Goal 1:** Develop an action plan that minimizes the loss of life and property in areas that have received repetitive losses
- **Goal 2:** Support existing floodplain policies and objectives outlined in County Code

The following FMP objectives are also contained in Monterey County Code Chapter 16.16, Regulations for Floodplains in Monterey County:

- **Objective 1:** Protect human life and health with emphasis on repetitive loss areas
- **Objective 2:** Minimize the expenditure of public money for costly flood control projects
- **Objective 3:** Minimize the need for rescue and relief efforts associated with flooding
- **Objective 4:** Help maintain a stable tax base by providing for the secondary use and development in Special Flood Hazard Areas to minimize future blighted areas
- **Objective 5:** Ensure that potential buyers are notified that property is located within a Special Flood Hazard Area
- **Objective 6:** Ensure that those who occupy Special Flood Hazard Areas assume responsibility for their actions

PERFORMANCE MEASURES

The community flood protection and floodplain management performance measures are divided into the following six FEMA-recommended flood mitigation categories: (1) emergency services, (2) natural resource protection, (3) preventive, (4) property protection, (5) public information, and (6) structural projects.

EMERGENCY SERVICES

Performance Measure 1a: ALERT System

The Agency continues to maintain and operate the Automated-Local-Evaluation-in-Real-Time (ALERT) system which consists of self-reporting remote sensors, located throughout the County, that transmit rain and stream level data via radio to base station computers at the Agency and the Monterey County Office of Emergency Services. ALERT data is sent through an Internet Protocol Concentrator to redundant computer databases that allow reliable access via the internet. This real time data allows for the earliest possible flood warnings and river flow forecasts.

Currently, the Monterey County ALERT system consists of 21 rain gages, 9 combination rain and stream gages, and 17 stream or reservoir/lagoon level sensors. In addition, monitors have access to ALERT networks, USGS stream gage information, and National Weather Service data for the Central Coast and San Francisco Bay Region, including San Luis Obispo, Santa Cruz, Santa Clara, and San Benito Counties, which increases the County's ability to more accurately forecast potential flooding conditions within Monterey County.

The ALERT data access system was designed with redundancy in the communication paths, databases, and web servers used to access the real time data. A secure web-based interface allows multiple operators to monitor the rainfall and stream conditions throughout the County simultaneously from any computer via the internet. This allows the Agency ALERT Team members to monitor County-wide hydrologic conditions 24 hours per day from home as required during storm events. Data received from the ALERT system is the basis for County flood-related decisions, and it is used by the National Weather Service in Monterey and the California-Nevada River Forecast Center in Sacramento for flood warnings. Other uses of ALERT data include summer-time Salinas River flow monitoring and climatological and rainfall distribution studies.

Performance Measure 1b: Sandbag Inventory and Sand Stockpiles

The Agency continues to maintain sandbag inventories and distribute sandbags to local fire districts within the unincorporated area of Monterey County. The local fire districts distribute sandbags to the public, free of charge, for flood fighting. An updated list of local sandbag inventories and sand stockpiles is available on the Agency website at <http://www.mcwra.co.monterey.ca.us>.

NATURAL RESOURCE PROTECTION

Performance Measure 2a: Floodplain Regulations

The General Manager of the Agency is Monterey County’s designated Floodplain Administrator appointed to administer, implement, and enforce Monterey County Code Chapter 16.16, *Regulations for Floodplains in Monterey County*. This chapter applies to all Special Flood Hazard Areas, within the jurisdiction of Monterey County, as identified on the effective Flood Insurance Rate Maps. The floodplain regulations also apply to areas within 200 feet of a river or within 50 feet of a watercourse. The Floodplain Administrator duties and responsibilities include development review to ensure any pertinent floodplain regulations are applied as conditions of approval for permit applications.

The following table summarizes Agency development review activities since the FMP 2008 Update was adopted by the Board of Supervisors. During this time, no variances to the floodplain regulations were granted.

Calendar Year	Discretionary Permits	Construction Permits ⁽¹⁾	Total Number of Permits	Total located within a SFHA ⁽²⁾
2008	242	153	395	70
2009	192	98	290	64
2010	154	116	270	48
2011	153	82	235	31
2012	157	146	303	48

Notes: (1) Total number of construction permits reviewed that do not have an associated discretionary permit. (2) Total number of permits located within a FEMA-defined Special Flood Hazard Area.

Performance Measure 2b: Stormwater Program

The County is a participant in the Monterey Regional Stormwater Management Program (MRSWMP) approved by the California Regional Water Quality Control Board, Central Coast Region, and administered by the Monterey Regional Water Pollution Control Agency. As part of the MRSWMP, the County of Monterey was required by state law to adopt a stormwater ordinance in compliance with the federal Clean Water Act Phase II stormwater regulations. The BOS adopted Ordinance No. 5154 in 2010, and the regulations were codified in Chapter 16.14 of the Monterey County Code. After the ordinance was adopted, the BOS approved by resolution the Best Management Practice Guidance Series (BMPGS) including Mandatory Design Standards for specific development categories within urbanized areas.

Beginning July 1, 2013, Central Coast municipalities are regulated under the new Phase II Municipal General Permit, Order No. 2013-0001-DWQ, adopted by the State Water Board on February 5, 2013. The permit specifically authorizes the Regional Boards to adopt their own post-construction requirements.

On July 12, 2013, the Central Coast Water Board adopted Post-Construction Requirements (PCRs) to ensure pollutant discharge is reduced to the Maximum Extent Practicable and prevent stormwater discharge from causing or contributing to a violation of receiving water quality standards in all applicable development projects that require approvals and/or permits issued under the Permittee's planning, building, or comparable authority. Public projects are also subject to the PCRs. The PCRs emphasize protecting and, where degraded, restoring key watershed processes to create and sustain linkages between hydrology, channel geomorphology, and biological health necessary for healthy watersheds. Maintenance and restoration of watershed processes impacted by stormwater management is necessary to protect water quality and beneficial uses.

PREVENTIVE

Performance Measure 3: Drainage System Maintenance

The Agency continues to maintain and operate drainage facilities in 14 drainage maintenance zones and districts located throughout Monterey County. The drainage improvements include approximately fifty-seven miles of improved drainageways, eight pump stations, nine miles of river levees, two large earthen dams, numerous culverts, tide gates, and concrete structures. Routine maintenance consists of ongoing removal of debris in drainage channels and pump stations; roadway access maintenance; guardrail and fence maintenance; spraying for vegetation control; baiting for rodent control; sediment removal in drainageways; timely repair of eroded banks, mechanical equipment, and damaged facilities; and ongoing preventive maintenance.

The maintenance program is administered by the Agency's Chief Engineer of Operations and Maintenance and a full-time ten-member crew dedicated to the operation and maintenance of these facilities. Inspection of Agency facilities is performed according to a regular schedule and daily during storms. The Agency has heavy equipment for debris and sediment removal, erosion repair work, and roadway access maintenance.

PROPERTY PROTECTION

Performance Measure 4a: Hazard Mitigation Assistance Programs

The FEMA Hazard Mitigation Assistance (HMA) grant programs protect individuals and property from natural hazards while simultaneously reducing reliance on Federal disaster funds. The HMA programs provide mitigation grants annually to states, territories, tribes, and local communities. The statutory origins of the programs differ, but all share the common goal of reducing the loss of life and property due to natural hazards. Since the FMP was adopted, the Agency has sought funding opportunities within the following HMA grant programs:

Severe Repetitive Loss (SRL) Program

To focus resources on properties that represent the best opportunities for mitigation, Congress defined a subset of repetitive loss properties call “Severe Repetitive Loss Properties” when it passed the Flood Insurance Reform Act of 2004. SRL properties are those one to four family properties that have had four or more claims of more than \$5,000 or two to three claims that cumulatively exceed the building’s value. SRL properties also include non-residential buildings that meet the same criteria. The SRL Program provides funding to reduce or eliminate the long-term risk of flood damage to SRL structures insured under the NFIP. At the State level, the SRL grant program is administered through the California Emergency Management Agency (CalEMA) Hazard Mitigation Grants Section.

In 2009, the Agency applied for a grant to elevate a residential building located within the 100-year floodplain of the Carmel River. FEMA awarded \$205,397, on June 2, 2011, through the Severe Repetitive Loss Program. The owner is currently attempting to sell the property, and Agency staff continues to coordinate with FEMA, CalEMA, and the property owner to ensure the grant can be utilized by a new property owner. The three-year performance period ends June 1, 2014; however, an extension may be granted.

Pre-Disaster Mitigation (PDM) Program

The PDM program provides funds to states, territories, Indian tribal governments, communities, and universities for hazard mitigation planning and mitigation projects that are implemented prior to a disaster event. Funding plans and projects reduces overall risks to the population and structures, while also reducing reliance on funding from actual disaster declarations.

On June 13, 2011, the Agency applied for a grant to update the Monterey County Floodplain Management Plan (FMP). On September 9, 2011, FEMA awarded Monterey County \$90,000 through the Pre-Disaster Mitigation Program. The FMP update will be prepared in accordance with Community Rating System guidelines with the goal of satisfying all the activity prerequisites necessary to improve to a Class 4 rating. The three-year performance period ends September 8, 2014.

Performance Measure 4b: Flood Insurance

The Agency’s annual public outreach mailing includes a recommendation that RLP owners purchase flood insurance. The mailing also includes the following information:

The Flood Disaster Protection Act of 1973 and the National Flood Insurance Reform Act of 1994 mandate the purchase of flood insurance as a condition of federal or federally related financial assistance for acquisition and/or construction of buildings within the 100-year floodplain of any community participating in the NFIP.

Within the 100-year floodplain, a home has a 26% chance of experiencing flooding during the life of a 30-year mortgage. Flooding is not covered by standard property insurance; however, federally subsidized flood insurance may be purchased from local property insurance agents. There is normally a 30-day waiting period before flood insurance goes into effect. The NFIP insures buildings with two types of coverage: structural and contents. Structural coverage includes walls, floors, insulation, furnace and other items permanently attached to the structure. Contents coverage may be purchased separately to cover the contents of an insurable building.

Monterey County joined the regular phase of the NFIP on January 30, 1984, and the County has been a voluntary participant in the Community Rating System (CRS) since October 1, 1991. On May 1, 2007, Monterey County was upgraded to Class 5 within the NFIP CRS. This provides Monterey County residents a 25% premium discount on flood insurance policies issued or renewed for structures located within the 100-year floodplain, and a 10% discount if located outside the 100-year floodplain.

PUBLIC INFORMATION

Performance Measure 5: Public Outreach

The Agency conducts several annual public outreach activities in association with the Community Rating System. The largest included a mailing to approximately 4,160 property owners that own property in or near a FEMA-designated Special Flood Hazard Area. In accordance with Community Rating System requirements, information concerning the local flood hazard, flood safety, flood insurance, property protection measures, the flood warning system, floodplain development permit requirements, and substantial improvement/substantial damage requirements is provided.

The Agency also sent a public outreach mailing to 409 property owners within repetitive loss areas. The objective of the project is to advise recipients of four things: (1) that the property is in or near an area subject to flooding; (2) what property protection measures are appropriate; (3) what sources of financial assistance may be available for property protection measures; and (4) basic facts about flood insurance.

Upon request, the Agency will prepare a flood zone determination report for a fee. An e-mail targeting local realtors, insurance agents, and lenders is sent on an annual basis to inform them of this service.

STRUCTURAL PROJECTS

Performance Measure 6: Floodplain Restoration and Flood Control Projects

Lower Carmel River Floodplain Restoration and Environmental Enhancement Project

The Big Sur Land Trust, a 501(c)(3) non-profit organization, obtained grant funding to enhance native riparian and wetland habitat and restore hydrologic function to an area of the lower Carmel River floodplain.

The project includes the following five components: (1) grading the existing farmland and access road to create an elevated agricultural preserve, above the 100-year floodplain elevation, on approximately 40 acres of the southern Odello East site, a portion of which would be graded to accommodate future fill material as part of subsequent project components; (2) grading to restore the site's ecological function as a floodplain by creating the hydrological characteristics necessary to support floodplain restoration activities on approximately 55 acres of existing farmland; (3) replacing a portion of the State Route 1 roadway embankment with a 520-foot long causeway; (4) removing approximately 2,400 linear feet of non-structural earthen levees on the south side of the Carmel River channel; and (5) grading at the eastern boundary of the project site on property owned by the Monterey Peninsula Regional Park District to encourage flood flows to enter into the southern floodplain area at Odello East.

On July 9, 2013, the Board of Supervisors approved assuming grant contracts from the Big Sur Land Trust for the Lower Carmel River Floodplain Restoration and Environmental Enhancement Project, and they authorized the Director of the Resource Management Agency to enter into agreements for project implementation.

County Service Area 50 (CSA 50)

There are a total of 109 RLPs located within Monterey County, and 69 are located within CSA-50. *The Lower Carmel River Flood Control Project Final Report*, prepared by Philip Williams and Associates, Ltd., dated August 9, 2002, recommended several structural and operational improvements to mitigate flooding within CSA 50. Since the report was completed, there have been many physical and regulatory changes that directly impact the alternatives identified in the report.

On July 30, 2013, the Board of Supervisors approved a professional services agreement with Balance Hydrologics for an amount not to exceed \$328,232 to provide an updated Flood Control Project Report for CSA 50. The update will assess two levels of flood protection under four different land use scenarios for the lower Carmel River. In addition to assessing the hydrologic and hydraulic conditions, the scope of work includes topographic analysis, civil engineering design, and a geotechnical assessment of the existing levees to support potential design solutions. Planning level cost estimates of the updated design components will be provided in the report. Although the schematic nature of the design will limit the accuracy of the cost estimates, it is important to revisit the costs presented in the original study.

The general design approach of protecting CSA 50 with levees and/or floodwalls is expected to remain unchanged; however, the scale and extent of the components is expected to be reduced based on lower base flood elevations.

Carmel Lagoon

Due to potential flooding of the low-lying residential structures located on the north side of the Carmel River Lagoon, the Carmel River State Beach is subject to frequent emergency actions including mechanical breaching of the beach. In some instances, mechanical breaching has not been feasible due to adverse weather conditions. Mechanical breaching has been found to result in an order of magnitude loss of aquatic habitat (from as much as 100 acres to as little as four acres after breaching) and undesirable consequences to fish and wildlife, including threatened species steelhead trout (*Oncorhynchus mykiss*) and California red-legged frogs (*Rana draytonii*). This results in a “take” of threatened species which is defined by the Endangered Species Act as “harming, wounding, or killing an endangered species”. Provided low-lying residential structures are not flooded, natural breaching is viewed as preferable by all environmental groups and key governmental agencies with an interest in the Carmel River and Lagoon.

Whitson Engineers prepared the *Carmel River Lagoon Ecosystem Protective Barrier (EPB) and Scenic Road Protection Structure (SRPS) Projects Feasibility Report*, dated May 29, 2013. The Water Resources Agency received grant funding from the Wildlife Conservation Board to complete the EPB portion of the feasibility study. The Monterey County Resource Management Agency received funding to complete the SRPS portion of the Feasibility Study from the Monterey Peninsula Water Management District via funds obtained from the California Department of Water Resources Integrated Regional Water Management Planning grant program. County Service Area 1 also provided funding for the SRPS portion of the feasibility study.

On June 25, 2013, the Board of Supervisors adopted the *Carmel River Lagoon Ecosystem Protective Barrier (EPB) and Scenic Road Protection Structure (SRPS) Projects Feasibility Report and:*

1. Selected Ecosystem Protective Barrier Alternative 2A with top of wall elevation at 17.5 feet as the preferred alternative for purposes of evaluation and environmental assessment;
2. Selected Scenic Road Protection Structure Alternative 1 as the preferred alternative for purposes of evaluation and environmental assessment; and,
3. Directed staff to prepare necessary environmental assessments of the preferred alternatives for pending applications for permits from regulatory agencies with permit authority.

RECOMMENDATIONS

The Agency shall continue to implement Community Rating System activities including ALERT storm monitoring, sandbag inventory maintenance, sand stockpile maintenance, development review, public outreach, and drainage system maintenance. The Agency shall continue to seek grant funding opportunities to mitigate flooding within repetitive loss areas, and Monterey County shall strive to improve its National Flood Insurance Program Community Rating System classification.

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS – PLANNING COMMITTEE**

MEETING DATE:	August 14, 2013	AGENDA ITEM:	
AGENDA TITLE:	CONSIDER RECEIVING AN UPDATE ON THE GREATER MONTEREY COUNTY INTEGRATED REGIONAL WATER MANAGEMENT PLAN PROCESS		
Consent ()		Action ()	
Information (X)			
SUBMITTED BY:	Robert Johnson	PREPARED BY:	Robert Johnson
PHONE:	(831) 755-4860	PHONE:	(831) 755-4860
DEADLINE FOR BOARD ACTION:		August 26, 2013	

RECOMMENDED BOARD ACTION:

Receive an update on the Greater Monterey County Integrated Regional Water Management Plan (GMCIRWMP) process.

PRIOR RELEVANT BOARD ACTION:

The Planning Committee (Committee) and Board of Directors (BOD) have received numerous updates on the GMCIRWMP process since 2005.

DISCUSSION/ANALYSIS:

This update covers three areas; the GMCIRWMP web site, the Water Resource Project Coordination (WRPC) process, and status of the adoption of the GMCIRWMP.

The GMCIRWMP web site contains information that has been presented in previous updates to the Board of Directors (BOD), as well as newly-completed items developed by the Regional Water Management Group (RWMG). The site is updated when new material becomes available, so be sure to check back for the most up-to-date information. The GMCIRWMP web site has been: <http://ccwg.mlml.calstate.edu/irwmp>. A new domain name for the web site has been secured, and new web site is the following: <http://www.greatermontereyirwmp.org>.

Second, the WRPC is continuing to progress. Remember, the WRPC is intended to provide a facilitated forum for individuals and groups to reconcile possible differences when submitting projects to the GMCIRWMP process. This effort focuses on a watershed, or portion of a watershed, and seeks to resolve conflicts through facilitation and science.

The first stakeholder meeting for this process was held on January 30th in Salinas. It was clear a majority of the stakeholders genuinely want to identify solutions to the water quality, quantity and flood control issues that face the region. It was also apparent that though there was common ground, the range of voices in the room – from disadvantaged communities to growers, scientists, technical service providers and conservationists – had specific needs and hopes and unique and valuable ideas. Continuing this process to incorporate all perspectives will be

essential for success in this watershed.

A second meeting was held on June 4th. Additional information was presented to meeting participants. This meeting continues to focus on regional challenges identified in the above-mentioned January meeting. The WRPC Subcommittee of the GMCIRWMP RWMG processed all the information collected and is determining the best way to move forward for this process.

The next steps will focus on four major concepts; 1) develop a Landscape Scale Strategy for the selected watershed (the term currently being used is “Blueprint”), 2) identify data gaps, 3) incorporate Corporate/Social Responsibility (CSR) information in the overall strategy, and 4) develop a public outreach and education strategy. As these concepts mature, more information will be provided.

Lastly, the GMCIRWMP has been adopted. At the January BOD meeting, the BOD passed a resolution to adopt the GMCIRWMP. At the April RWMG meeting, the RWMG ‘officially’ adopted the Plan, incorporating all of the adoptive resolutions from the respective RWMG entities that have adopted the Plan.

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS – PLANNING COMMITTEE**

MEETING DATE:	August 14, 2013	AGENDA ITEM:	
AGENDA TITLE:	CONSIDER RECEIVING AN UPDATE ON WATER RIGHTS PERMIT #11043 ACTIVITIES		
Consent ()		Action ()	
Information (X)			
SUBMITTED BY:	Robert Johnson	PREPARED BY:	Robert Johnson
PHONE:	(831) 755-4860	PHONE:	(831) 755-4860
DEADLINE FOR BOARD ACTION:		August 26, 2013	

RECOMMENDED BOARD ACTION:

Receive an update on Water Rights Permit #11043 activities.

PRIOR RELEVANT BOARD ACTION:

At the January Board of Directors (BOD) meeting, the BOD directed staff to move ahead with opposing the proposed revocation of Water Rights Permit #11043 (Permit) by the State Water Resources Control Board (SWRCB).

At the April BOD meeting the BOD received an update on the proposed revocation of Water Rights Permit #11043 by the State Water Resources Control Board (SWRCB).

At the June BOD meeting, the BOD approved an amendment to the Downey Brand (DB) contract to pay for work done by DB and GeoScience related to the Permit.

DISCUSSION/ANALYSIS:

Staff and consultant activities related to opposing the revocation by the SWRCB of Agency Water Rights Permit #11043 continue. On February 8, 2013, staff presented this issue to the Agency Board of Supervisors (ABOS) and the ABOS approved opposing the revocation also.

A Regional Advisory Committee (RAC) has been formed to assist the Agency in creating a community-developed solution and had its first meeting on February 28, 2013. A number of questions and issues were raised at the meeting and staff is working on developing the information to help the Committee make informed decisions regarding the use of the water allocated in the water right permit.

The RAC met on July 18 and discussed the tentative Settlement Agreement between the Agency and the SWRCB Prosecution Team. The Settlement Agreement reduced the face value of the Permit by 20%, identified minimal natural flows that need to be in place before any additional diversions occur, and a schedule of milestones to be followed, resulting in the utilization of the Permit's water allocation.

Staff is starting to determine a timeline and schedule for resources to make the first couple of milestones that focus on applying for a Petition for Extension, developing a Notice of Preparation to initiate the environmental process, and planning for the writing of an Environmental Impact Report.

FINANCIAL IMPACT:	YES ()	NO (X)
FUNDING SOURCE:		
COMMITTEE REVIEW AND RECOMMENDATION:		
ATTACHMENTS:		
APPROVED:	_____	
	General Manager	Date

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS – PLANNING COMMITTEE**

MEETING DATE:	August 14, 2013	AGENDA ITEM:	
AGENDA TITLE:	CONSIDER RECEIVING AN UPDATE ON WELL PERMIT APPLICATION ACTIVITIES BY AGENCY STAFF		
Consent ()		Action ()	
Information (X)			
SUBMITTED BY:	Robert Johnson	PREPARED BY:	Robert Johnson
PHONE:	(831) 755-4860	PHONE:	(831) 755-4860
DEADLINE FOR BOARD ACTION:		August 26, 2013	

RECOMMENDED BOARD ACTION:

Receive an update on Well Permit Application Activities by Agency staff.

PRIOR RELEVANT BOARD ACTION:

At the January 2013 Board of Directors (BOD) meeting, Agency and Environmental Health Bureau (EHB) staff presented information about the Well Permit Application Process, and the changes that have occurred to the process since the adoption of the County General Plan.

DISCUSSION/ANALYSIS:

The Well Application Permit Process is regulated by the EHB. The Agency provides technical support to the EHB as part of the process. The changes that came about since the adoption of the County General Plan have caused concerns and misinformation in the public. To provide correct and up to date information to the public, Agency staff has developed the attached Well Impact Assessment Summary Table (Table).

The Table provides a summation of well permit applications that are being evaluated for impacts; broken out by domestic well permit applications and high capacity well permit applications, as well as by Salinas Valley subarea. This table will be provided to the BOD on a regular basis.

FINANCIAL IMPACT:	YES ()	NO (X)
FUNDING SOURCE:		
COMMITTEE REVIEW AND RECOMMENDATION:		
ATTACHMENTS:	1. Well Impact Assessment Summary Table	
APPROVED:		
	_____ General Manager	_____ Date

**Summary of Well Impact Assessments
Conducted per 2010 Monterey County General Plan**

DOMESTIC WELLS						
<i>Assessment outcome</i>	Pressure	East Side	Forebay	Upper Valley	Outside Zone 2C	TOTAL
No potential impact.	1	4	1	2	35	43
Replacement (exempt).	0	2	0	0	1	3
TOTAL	1	6	1	2	36	46
<i>Subarea Total as Percentage</i>	2%	13%	2%	4%	78%	

HIGH CAPACITY WELLS						
<i>Assessment outcome</i>	Pressure	East Side	Forebay	Upper Valley	Outside Zone 2C	TOTAL
No potential impact.	3	8	1	3	5	20
Replacement (exempt).	4	0	0	4	0	8
Potential impact - acceptable mitigation proposed.	0	1	0	2	0	3
Potential impact - no mitigation yet proposed.	0	0	0	3	0	3
TOTAL	7	9	1	12	5	34
<i>Subarea Total as Percentage</i>	21%	26%	3%	35%	15%	

PUMP DESIGN PLANS						
<i>Outcome</i>	Pressure	East Side	Forebay	Upper Valley	Outside Zone 2C	TOTAL
Acceptable design provided.	1	0	0	2	0	3
Pump design not yet provided.	0	0	0	2	2	4
TOTAL	1	0	0	4	2	7
<i>Subarea Total as Percentage</i>	14%	0%	0%	57%	29%	

Totals as of: 24-Jul-13
Inniated November 2011