

February 2017 Development Review Report

WRA areas of responsibility include: Floodplain Management, Drainage/Stormwater Control, and Water Supply.



DISCRETIONARY PERMITS REFERRED TO THE WRA FROM THE RMA-PLANNING DEPARTM

DATE	PROJECT NAME	AREA	PROJECT DESCRIPTION	CONDITION TYPES
02/06/2017	NICOLA	CARMEL VALLEY	CONSTRUCT A 2,143 SQ FT SFD W/ A 572 SQ FT ATTACHED GARAGE.	NONE
02/06/2017	WANG	BIG SUR COAST	LOT LINE ADJUSTMENT TO MERGE TWO EXISTING LOTS OF RECORD.	NONE
02/07/2017	CALIFORNIA STRATEGIES LLC	GREATER SALINAS	COMMERCIAL CANNABIS BUSINESS. THE PROPOSED PROJECT WOULD INCLUDE: SEVENTEEN (17) TYPE 3B (22,000 SQ.FT. CULTIVATION); ONE (1) TYPE 4 (NURSERY) OPERATION; AND ONE (1) TYPE 6 (MANUFACTURING) OPERATION IN EXISTING GREENHOUSES/WAREHOUSES WITHIN THE FARMLANDS ZONING.	NONE
02/07/2017	BLAZE ENGINEERING	BIG SUR	ALLOW ESTABLISHMENT OF COMMERCIAL BUSINESS INCLUDING 760 SQ.FT. OFFICE, 600 SQ.FT. WORKSHOP, 800 SQ.FT. STORAGE UNIT, AND COASTAL DEVELOPMENT PERMIT FOR A NEW WATER SYSTEM	DRAINAGE CONTROL
02/13/2017	ELK CIRCLE	CARMEL	CONSTRUCT A 44 SQ FT ADDITION TO AN SFD.	NONE
02/13/2017	KAISER	NORTH COUNTY	CONSTRUCT A WIRELESS TELECOMMUNICATIONS FACILITY.	NONE
02/14/2017	G.S.N.A. 8 ALVAREZ BROTHERS LLC	GREATER SALINAS	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS. THE PROPOSED PROJECT WOULD INCLUDE EIGHT (8) TYPE 3B (22,000 SQ.FT. CULTIVATION); ONE (1) TYPE 4 (NURSERY); AND ONE (1) TYPE 12 (TRANSPORTER) OPERATION IN EXISTING GREENHOUSES/WAREHOUSES WITHIN THE F/40 DISTRICT.	NONE

February 2017 Development Review Report

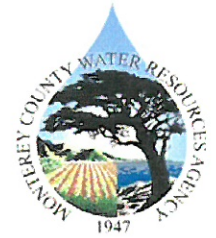
WRA areas of responsibility include: Floodplain Management, Drainage/Stormwater Control, and Water Supply.



02/14/2017	RIVERVIEW FARMS	CENTRAL SALINAS VALLEY	THE PROPOSED PROJECT WOULD INCLUDE EIGHT (8) TYPE 3B (22,000 SQ.FT. CULTIVATION); ONE (1) TYPE 4 (NURSERY); ONE (1) TYPE 6 (NON-VOLATILE MANUFACTURING); AND ONE (1) TYPE 10A (DISPENSARY) OPERATION IN EXISTING GREENHOUSES/WAREHOUSES WITHIN THE F/40 DISTRICT.	FLOODPLAIN
02/21/2017	O'CONNOR	DEL MONTE FOREST	CONSTRUCT A 1,125 SQ FT TWO-STORY ADDITION TO AN SFD.	NONE
02/21/2017	WOLFF	BIG SUR COAST	ALLOW AN AS-BUILT 585 SQ FT ACCESSORY DWELLING UNIT.	NONE
02/21/2017	YOST	DEL MONTE FOREST	CONSTRUCT A 27 SQ FT FIRST FLOOR ADDITION AND A 1,249 SQ FT SECOND FLOOR ADDITION TO AN SFD.	NONE
02/21/2017	KEETON	BIG SUR COAST	REPLACE A 10-FT GUYED TOWER W/ 2 MICROWAVE ANTENNAS W/ A 20-FT GUYED TOWER W/ 2 MICROWAVE ANTENNAS.	NONE
02/21/2017	MONTEREY HOLDINGS	CARMEL VALLEY	AMENDMENT TO PREVIOUSLY APPROVED PC 020398: MODIFICATION TO LOCATION OF PREVIOUSLY APPROVED OFFICE AND MAINTENANCE BLDG, AND REPLACE W/ THREE (3) SINGLE-STORY MODULAR BLDGS AND TWO (2) STORAGE CONTAINER STRUCTURES.	WATER SUPPLY
02/23/2017	SCHUETTE	TORO	ALLOW THE CONVERSION OF AN EXISTING 876 SQ.FT. GARAGE INTO A 876 SQ.FT. ACCESSORY DWELLING UNIT	WATER SUPPLY
02/27/2017	PORTER FAMILY PARTNERSHIP	CARMEL VALLEY	AMENDMENT TO A PREVIOUSLY APPROVED USE PERMIT (ZA 000521) TO ALLOW THE EXPANSION OF A MINI-STORAGE USE INTO AN EXISTING RETAIL SPACE AT THE MID-VALLEY SHOPPING CENTER.	WATER SUPPLY
02/27/2017	QUAIL LODGE	CARMEL VALLEY	ALLOW CAR SHOWS, AUCTIONS, FOOD FESTIVALS, AND "EVENTS".	FLOODPLAIN, WATER SUPPLY

February 2017 Development Review Report

WRA areas of responsibility include: Floodplain Management, Drainage/Stormwater Control, and Water Supply.



02/27/2017	LEA	GREATER MONTEREY PENINSULA	CONSTRUCT A 4,543 SQ FT SFD W/ A 987 SQ FT ATTACHED GARAGE, FIRE PIT, AND BOCCE COURT.	DRAINAGE CONTROL
02/27/2017	PCOG	GREATER SALINAS	CONSTRUCT A WIRELESS TELECOMMUNICATIONS FACILITY.	NONE

CONSTRUCTION PERMITS REFERRED TO THE WRA FROM THE RMA-BUILDING SERVICES DEPARTMENT

DATE	PROJECT NAME	AREA	PROJECT DESCRIPTION	CONDITION TYPES
02/01/2017	CLING	SOUTH COUNTY	PROJECT NOT LOCATED IN 100-YEAR FLOODPLAIN.	NONE
02/07/2017	RLSC	DEL MONTE FOREST	REMODEL SFD.	WATER SUPPLY
02/07/2017	HAYNES	CARMEL	REMODEL SFD.	WATER SUPPLY
02/07/2017	BASHAM	GREATER MONTEREY PENINSULA	REMODEL, ADDITION TO SFD.	WATER SUPPLY
02/07/2017	FIRST SOLAR	SOUTH COUNTY	CA FLATS GEN-TIE LINE INCLUDES ALL T-LINE DWGS (CONDUITS, GRADING, AND FOUNDATIONS).	FLOODPLAIN, STORMWATER CONTROL
02/07/2017	FIRST SOLAR	SOUTH COUNTY	CA FLATS SOUTH SUBSTATION PHYSICAL PACKAGE INCLUDES FOUNDATIONS, CONDUIT, GROUNDING, AND ABOVE GRADE PHYSICAL.	FLOODPLAIN, DRAINAGE CONTROL
02/09/2017	FRANKLIN	CARMEL	REMODEL, ADDITION TO SFD.	WATER SUPPLY
02/09/2017	ORTEGA	NORTH COUNTY	ADDITIONS TO SFD.	NONE
02/10/2017	MACINTYRE	SOUTH COUNTY	CONSTRUCT 1,010 SQ FT SFD W/ A 392 SQ FT CARPORT AND AN 894 SQ FT COVERED PORCH.	NONE

February 2017 Development Review Report

WRA areas of responsibility include: Floodplain Management, Drainage/Stormwater Control, and Water Supply.



02/10/2017	NICHOLS	SOUTH COUNTY	INSTALL A 400,000 GAL WATER TANK AT THE YANKS AIR MUSEUM.	NONE
02/13/2017	GLOBAL AG PROPS	SOUTH COUNTY	CONSTRUCT A 49.8 ACRE FOOT AG RESERVOIR.	DRAINAGE CONTROL
02/14/2017	LOVE	CARMEL	REMODEL SFD, CONVERT GARAGE TO GUESTHOUSE.	WATER SUPPLY
02/16/2017	BRUGGEMAN	GREATER MONTEREY PENINSULA	ADDITION TO SFD, NEW GARAGE.	NONE
02/21/2017	SOLLECITO	DEL MONTE FOREST	ADD WASH BASIN.	WATER SUPPLY
02/22/2017	NARAYAN	CARMEL VALLEY	REMODEL SFD.	WATER SUPPLY
02/22/2017	RODINA	CARMEL	RENOVATE SFD.	WATER SUPPLY
02/23/2017	LAZZARINI	SOUTH COUNTY	CONSTRUCT 2,211 SQ.FT. SFD W/618 SQ.FT. GARAGE	FLOODPLAIN
02/25/2017	JOHNSON	TORO	NEW 330 SQ.FT. BEDROOM ADDITION TO AN EXISTING 2,021 SQ.FT. SFD	FLOODPLAIN
02/28/2017	ROBERT LOUIS STEVENSON SCHOOL	DEL MONTE FOREST	CONSTRUCTION AND USE OF ONE ATHLETIC FIELD, INCLUDING GRADING, FIELD INSTALLATION, RETAINING WALLS, WALKWAYS, SCOREBOARD, DRIVEWAY, PARKING.	DRAINAGE CONTROL

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS – INFORMATION ITEM**

MEETING DATE:	February 21, 2017	AGENDA ITEM:
Consent () Action () Information (X)		
DEADLINE FOR BOARD ACTION:	February 21, 2017	

Monterey County Water Recycling Projects and Salinas River Diversion Facility Operations Update

SUMMARY/DISCUSSION:

No significant changes from last month's operations update to report. Daily irrigation demand is currently being met by recent rains and the 8 available CSIP supplemental wells. Preparations are moving forward in anticipation of Salinas River Diversion Facility (SRDF) operations during this year's upcoming growing and irrigation season.

Eight wells are presently operational, with a total flow capacity of approximately 14,500 gallons per minute or 76 acre feet per day. Two CSIP supplemental wells, 03H1 and 11B1, are offline for maintenance and are expected to be returned to service ahead of this year's irrigation season. Scheduled maintenance to wells 03H1 and 11B1 has been delayed due to recent storm activity, but will commence when weather and field conditions improve to allow access.

The regional treatment plant is offline due to low irrigation demand and planned winter maintenance. Once back online, the regional treatment plant will provide approximately 20 MGD or 61 acre feet per day. This includes the 3.5 MGD diversion from the Salinas industrial pond which the regional plant will begin receiving in April.

OTHER AGENCY INVOLVEMENT:

N/A

FINANCING:

N/A

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

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

Attachments:
CSIP Water Production Table

**Monterey County Water Recycling Projects (MCWRP) & Salinas River Diversion Facility
(SRDF) Water Production (Acre Feet)**

Source	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY15-16	FY16-17
	July-07	July-08	July-09	July-10	July-11	July-12	July-13	July-14	July-15	July-16
CSIP-Wells	1,517	1,590	1,699	267	316	214	98	1,303	1,351	1,412
SRDF-River	0	0	0	1,035	1,145	992	1,260	0	0	0
SVRP-Recycled	1,957	1,943	1,837	1,889	1,869	1,834	1,786	2,073	1,842	1,941
	Aug-07	Aug-08	Aug-09	Aug-10	Aug-11	Aug-12	Aug-13	Aug-14	Aug-15	Aug-16
CSIP-Wells	1,115	969	1,107	272	568	311	263	1,025	1,105	911
SRDF-River	0	0	0	968	709	799	1,220	0	0	0
SVRP-Recycled	1,927	1,906	1,839	1,902	1,873	1,847	1,803	2,033	1,785	1,704
	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Sep-14	Sep-15	Sep-16
CSIP-Wells	380	545	509	191	419	135	248	435	482	445
SRDF-River	0	0	0	478	0	314	537	0	0	0
SVRP-Recycled	1,616	1,683	1,594	1,821	1,617	1,734	1,725	1,837	1,687	1,782
	Oct-07	Oct-08	Oct-09	Oct-10	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16
CSIP-Wells	125	140	119	20	54	16	165	102	38	228
SRDF-River	0	0	0	80	0	65	133	0	0	0
SVRP-Recycled	1,129	1,378	465	1,006	733	1,168	1,548	1,407	1,217	578
	Nov-07	Nov-08	Nov-09	Nov-10	Nov-11	Nov-12	Nov-13	Nov-14	Nov-15	Nov-16
CSIP-Wells	692	35	575	246	238	72	35	303	213	325
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	0	730	0	179	224	731	1,127	18	57	0
	Dec-07	Dec-08	Dec-09	Dec-10	Dec-11	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16
CSIP-Wells	445	29	194	69	723	44	730	38	199	211
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	0	289	0	0	0	0	88	0	0	0
	Jan-08	Jan-09	Jan-10	Jan-11	Jan-12	Jan-13	Jan-14	Jan-15	Jan-16	Jan-17
CSIP-Wells	91	485	100	333	1,067	253	490	516	96	62
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	0	0	0	26	0	0	1,240	32	0	0
	Feb-08	Feb-09	Feb-10	Feb-11	Feb-12	Feb-13	Feb-14	Feb-15	Feb-16	Feb-17
CSIP-Wells	171	235	143	100	162	334	9	115	520	102
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	173	112	0	580	1,031	692	351	1,013	56	0
	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13	Mar-14	Mar-15	Mar-16	Mar-17
CSIP-Wells	520	408	529	154	211	218	214	411	395	
SRDF-River	0	0	0	0	0	0	0	0	0	
SVRP-Recycled	1,602	676	49	450	929	1,561	902	1,542	289	
	Apr-08	Apr-09	Apr-10	Apr-11	Apr-12	Apr-13	Apr-14	Apr-15	Apr-16	Apr-17
CSIP-Wells	1,513	1054	143	544	80	239	240	446	391	
SRDF-River	0	0	0	0	0	501	0	0	0	
SVRP-Recycled	1,806	1702	839	1,650	1,044	1,679	1,431	1,556	1,640	
	May-08	May-09	May-10	May-11	May-12	May-13	May-14	May-15	May-16	May-17
CSIP-Wells	939	822	150	284	125	239	1,067	696	831	
SRDF-River	0	0	375	593	618	1,219	0	0	0	
SVRP-Recycled	1,914	1717	1737	1694	1,745	1,799	1,912	1,758	1,770	
	Jun-08	Jun-09	Jun-10	Jun-11	Jun-12	Jun-13	Jun-14	Jun-15	Jun-16	Jun-17
CSIP-Wells	1,726	1,391	570	428	276	363	1,261	1,066	1,299	
SRDF-River	0	0	944	1,020	906	1,224	0	0	0	
SVRP-Recycled	1,797	1,750	1,838	1,713	1,764	1,677	1,940	1,761	1,855	
Totals	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17
CSIP-Wells	9,234	7,703	5,838	2,908	4,239	2,438	4,820	6,455	6,921	3,695
SRDF-River	0	0	1,319	4,174	3,378	5,114	3,150	0	0	0
SVRP-Recycled	13,921	13,886	10,198	12,910	12,829	14,723	15,853	15,030	12,198	6,005
Total acre-feet	23,155	21,589	17,355	19,992	20,446	22,275	23,822	21,485	19,120	9,700
% Wells	40%	36%	34%	15%	21%	11%	20%	30%	36%	38%
% River	0%	0%	8%	21%	17%	23%	13%	0%	0%	0%
% Recycled	60%	64%	59%	65%	63%	66%	67%	70%	64%	62%

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS – INFORMATION ITEM**

MEETING DATE:	March 20, 2017	AGENDA ITEM:
<div> <div>Consent ()</div> <div>Action ()</div> <div>Information (X)</div> </div>		
DEADLINE FOR BOARD ACTION:	March 20, 2017	

..Title

Reservoir Release Update

..Report

RECOMMENDATION:

None – item presented for informational purposes.

SUMMARY/DISCUSSION:

The Board of Directors receives monthly updates on the status of Agency reservoirs.

RESERVOIR ELEVATION / STORAGE: As of March 13, 2017, San Antonio Reservoir is at an elevation of approximately 742.9 feet mean sea level (msl), 170,955 acre-feet of storage. Nacimiento Reservoir is at elevation 790.35 feet msl, 324,905 acre-feet of storage. San Antonio Reservoir is currently at 51% of storage capacity and Nacimiento Reservoir is at 86% of capacity.

Rain events in January and February resulted in significant inflow to both reservoirs. San Antonio Reservoir is currently 79.6 feet or 149,842 acre-feet higher than the seasonal low in mid-December. Nacimiento Reservoir is currently 62.5 feet or 238,022 acre-feet higher than the seasonal low in mid-December.

The Salinas River mouth opened to the ocean on January 12th as a result of sandbar management activities in response to flow from the Arroyo Seco River. As of March 13th the Salinas River lagoon remains open to the ocean.

RESERVOIR RELEASES: To preserve flood control space in Nacimiento Reservoir, flood control releases began on February 2nd and continued through March 9th. Flood control release rates fluctuated between approximately 200 cfs and 8,000 cfs in consideration of rainfall forecasts, reservoir inflow, downstream conditions, and maintenance activities.

Following a brief shut down of releases from Nacimiento Reservoir for maintenance activities on March 10th, the Agency initiated releases to comply with required Adult Upstream Steelhead Migration flow criteria as described in the National Marine Fisheries Biological Opinion for the Salinas Valley Water Project. Minor fluctuations in release rates are not presented in this report but are documented in the Salinas Valley Water Project Annual Flow Reports.

Releases as of March 13, 2017:

- Nacimiento Reservoir: 370 cfs
- San Antonio Reservoir: 3 cfs

Total releases from both reservoirs to the Salinas River are approximately 373 cfs. The following “provisional” flows have been recorded by the USGS:

- Salinas River near Spreckels: 616 cfs (increasing)
- Salinas River near Chualar: N/A (gage malfunction)
- Salinas River at Soledad: 773 cfs (increasing)
- Salinas River near Bradley: 639 cfs (decreasing)

OTHER AGENCY INVOLVEMENT:

None

FINANCING:

None

Prepared by: Germán Criollo, Associate Hydrologist, (831) 755-4860
Jason Demers, Hydrologist, (831) 755-4860