

Well Permit Application Activities Update

RECOMMENDATION:

None – item presented for informational purposes.

SUMMARY/DISCUSSION:

The Well Permit Application Process is regulated by the Environmental Health Bureau (EHB). The Agency provides technical support to the EHB as part of the process. The changes that came about since the adoption of the 2010 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 Evaluation Summary Table (Table).

The Table provides a summation of well permit applications that are being evaluated by Agency Staff, broken out by domestic well permit applications and high capacity well permit applications, as well as by Salinas Valley subarea. This table is provided to the BOD on a monthly basis.

In response to requests from Board members regarding data about construction of wells in the Pressure Deep Aquifer, Staff has also included a chart depicting the history of well installation in the Pressure Deep Aquifer (Figure). This chart, which includes both production and monitoring wells, indicates that a total of thirty-five (35) wells have been installed in the Pressure Deep Aquifer since 1974, with eleven (11) of those wells being constructed in the last ten years. An additional three wells have been proposed for construction in the Pressure Deep Aquifer, but construction has not been completed as of the date of this report.

OTHER AGENCY INVOLVEMENT:

None

FINANCING:

None

Prepared by: Amy Woodrow, Hydrologist, (831) 755-4860
Howard Franklin, Senior Hydrologist, (831) 755-4860

Attachments: Table – Summary of Well Impact Evaluations
Figure – Timeline of Well Installation in Deep Aquifers of the 180/400
Foot Aquifer Subbasin

Summary of Well Impact Evaluations Conducted per 2010 Monterey County General Plan

Domestic Wells

<i>Evaluation Outcome</i>	<i>Pressure</i>	<i>East Side</i>	<i>Forebay</i>	<i>Upper Valley</i>	<i>Outside Zone 2C</i>	<i>TOTAL</i>
Coastal Zone or City (General Plan n/a).	1	1	1	0	8	11
No potential impact.	4	11	10	5	144	174
Potential impact; acceptable mitigation proposed.	0	0	0	0	2	2
Repair (exempt).	0	1	0	0	1	2
Replacement (exempt).	0	5	2	2	9	18
TOTAL	5	18	13	7	164	207
<i>Subarea Total as Percentage</i>	2%	9%	6%	3%	79%	

High Capacity Wells

<i>Evaluation Outcome</i>	<i>Pressure</i>	<i>East Side</i>	<i>Forebay</i>	<i>Upper Valley</i>	<i>Outside Zone 2C</i>	<i>TOTAL</i>
Coastal Zone or City (General Plan n/a).	1	0	0	0	2	3
No potential impact.	17	30	23	17	14	101
Potential impact; acceptable mitigation proposed.	1	1	0	3	0	5
Repair (exempt).	1	0	1	1	0	3
Replacement (exempt).	10	6	4	16	0	36
TOTAL	30	37	28	37	16	148
<i>Subarea Total as Percentage</i>	20%	25%	19%	25%	11%	

Total Evaluations:

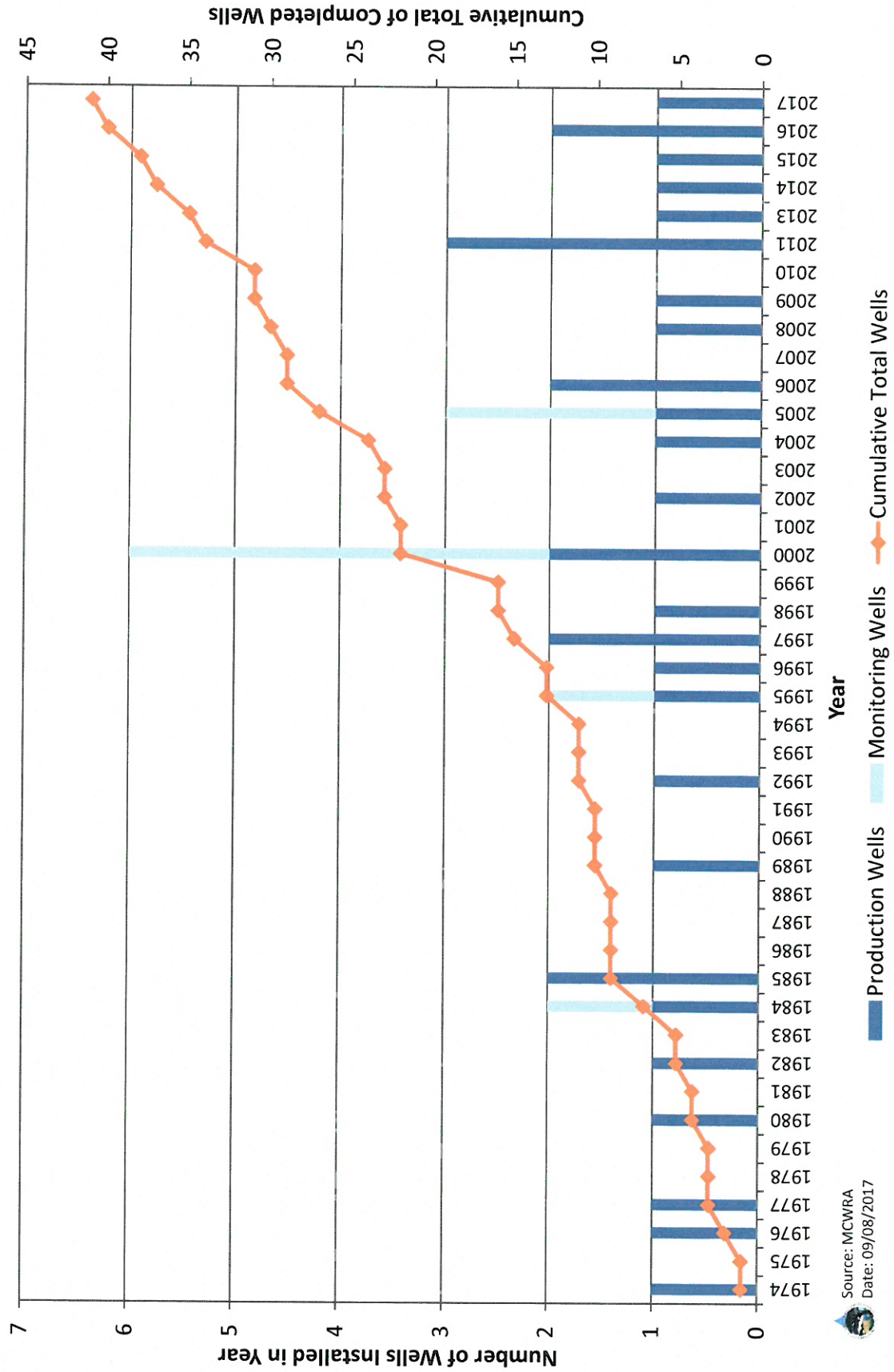
To Date: 357

2017/18 Fiscal Year: 10

Evaluations initiated November 2011.

Report Date: 9/8/2017

Timeline of Well Installation in Deep Aquifers of the 180/400 Foot Aquifer Subbasin



Reservoir Release Update

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 September 8, 2017, San Antonio Reservoir is at an elevation of approximately 727.25 feet mean sea level (msl), 122,638 acre-feet of storage. Nacimiento Reservoir is at elevation 764.5 feet msl, 204,695 acre-feet of storage. San Antonio Reservoir is currently at 37% of storage capacity and Nacimiento Reservoir is at 54% of capacity.

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 September 6th the Salinas River lagoon remains open to the ocean.

RESERVOIR RELEASES: Reservoir releases are currently being made for groundwater recharge as well as to meet Salinas River Diversion Facility (SRDF) pumping demands and bypass requirements in accordance with the Salinas Valley Water Project Biological Opinion.

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 the morning of September 8, 2017:

- Nacimiento Reservoir: 450 cfs
- San Antonio Reservoir: 350 cfs

Total releases from both reservoirs to the Salinas River are approximately 800 cfs. The following “provisional” flows have been recorded by the USGS:

- Salinas River near Spreckels: 27 cfs (increasing)
- Salinas River near Chualar: 123 cfs (increasing)
- Salinas River at Soledad: 341 cfs (steady)
- Salinas River near Bradley: 798 cfs (increasing)

OTHER AGENCY INVOLVEMENT:

None

FINANCING:

None



August 2017 Land Use and Construction Permit Report

The Monterey County Water Resources Agency (MCWRA) advises on a range of land use functions serving unincorporated Monterey County. The MCWRA is specifically responsible for ensuring that all development complies with regulations for floodplains in Monterey County; area plan policies for flood and storm water control; and, requirements for long-term sustainable water supply.

LAND USE PERMITS (DISCRETIONARY PERMITS)				
DATE	PROJECT NAME	AREA	PROJECT DESCRIPTION	CONDITION TYPES
08/01/2017	FLRISH FARMS CULTIVATION LLC	GREATER SALINAS	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS INCLUDING FIFTEEN (15) TYPE 3B (22,000 S.F. CULTIVATION); ONE (1) TYPE 4 (NURSERY); ONE (1) TYPE 6 (NON-VOLATILE MANUFACTURING); TWO (2) TYPE 11 (DISTRIBUTOR); AND TWO (2) TYPE 12 (TRANSPORTER) OPERATIONS IN EXISTING GREENHOUSES/WAREHOUSES WITHIN THE FARMLANDS ZONING [F/40] DISTRICT.	NONE
08/01/2017	TSUJI NURSERY	NORTH COUNTY	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS INCLUDING FOUR (4) TYPE 3B (22,000 S.F. CULTIVATION); AND ONE (1) TYPE 4 (NURSERY) OPERATION IN EXISTING GREENHOUSES/WAREHOUSES WITHIN THE FARMLANDS, RESOURCE CONSERVATION, AND OPEN SPACE ZONING [F/40 RC/40 O] DISTRICTS.	NONE
08/01/2017	CALLAHAN	GREATER MONTEREY PENINSULA	PROPOSED 4,120 S.F. SINGLE FAMILY DWELLING WITH DETACHED GARAGE INCLUDING ASSOCIATED TREE REMOVAL AND GRADING IN MONTEREY RANCH, IN THE RURAL DENSITY RESIDENTIAL, DESIGN CONTROL [RDR/B6-UR-D-S] ZONING DISTRICT.	DRAINAGE CONTROL, WATER SUPPLY
08/07/2017	VENADERO LLC 1536	DEL MONTE FOREST	ALLOW EXTENSIVE LANDSCAPING IMPROVEMENTS (DRIVEWAY, PATIOS, WALKWAYS, FOUNTAINS, ETC).	DRAINAGE CONTROL
08/08/2017	ALDERETTE	CENTRAL SALINAS VALLEY	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS WOULD INCLUDE ONE (1) TYPE 1A (SMALL CULTIVATION) IN EXISTING GREENHOUSES/WAREHOUSE	NONE
08/08/2017	LNB VENTURES LLC	GREATER SALINAS	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS WOULD INCLUDE ELEVEN (11) TYPE 3B (22,000 SQ.FT. CULTIVATION) AND ONE (1) TYPE 4 (NURSERY OPERATION) IN EXISTING GREENHOUSES/WAREHOUSE	NONE
08/08/2017	HANDSHY	BIG SUR	PROPOSED REMODEL AND ADDITION OF 175 SQ.FT. TO AN EXISTING 856 SQ.FT. NON-CONFORMING SINGLE FAMILY RESIDENCE IN THE RDR DISTRICT	NONE

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08/14/2017	ALL SAINTS' DAY SCHOOL	CARMEL VALLEY	CONSTRUCT A 1,760 SQ FT EARLY CHILDHOOD EDUCATION CENTER.	NONE
08/14/2017	JOHN	GREATER MONTEREY PENINSULA	CONSTRUCT A 5,705 SQ FT SFD W/ A 1,230 SQ FT GARAGE.	DRAINAGE CONTROL
08/14/2017	PORTER FAMILY PARTNERSHIP	CARMEL VALLEY	FORMALIZE EXISTING USES IN THE MID-VALLEY SHOPPING CENTER.	NONE
08/15/2017	MERCADO	GREATER SALINAS	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS WOULD INCLUDE TWENTY-SIX (26) TYPE 3B (22,000 SQ.FT. CULTIVATION) AND ONE (1) TYPE 6 (NON-VOLATILE MANUFACTURING) IN EXISTING GREENHOUSES/WAREHOUSE	NONE
08/15/2017	OMICTIN	GREATER SALINAS	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS WOULD INCLUDE TEN (10) TYPE 3B (22,000 SQ.FT. CULTIVATION) AND TWO (2) TYPE 4 (NURSERY OPERATION) IN EXISTING GREENHOUSES/WAREHOUSE	NONE
08/15/2017	LNB VENTURES, LLC	GREATER SALINAS	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS WOULD INCLUDE NINE (9) TYPE 3B (22,000 SQ.FT. CULTIVATION) AND ONE (1) TYPE 4 (NURSERY OPERATION) IN EXISTING GREENHOUSES/WAREHOUSE	NONE
08/21/2017	CO OF MONTEREY	BIG SUR COAST	REPLACE TWO CULVERTS AND RECONSTRUCT APPROX 1,000 LINEAR FT OF PALO COLORADO RD.	NONE
08/21/2017	MAYR	NORTH COUNTY	LOT LINE ADJUSTMENT BETWEEN THREE LEGAL LOTS OF RECORD; ADMINISTRATIVE PERMIT FOR NEW WELL.	NONE
08/22/2017	MERRILL (TORO RANCH)	TORO	PROPOSED BUILD OUT OF A PROPERTY WITH MIXED USE DEVELOPMENT INCLUDING RESIDENTIAL, COMMERCIAL RETAIL, AND OFFICE SPACE WITHIN THE FARMLAND AND PUBLIC/QUASI-PUBLIC	FLOODPLAIN, WATER SUPPLY
08/22/2017	GRUPO FLOR	CENTRAL SALINAS VALLEY	PROPOSED MEDICAL CANNABIS BUSINESS INCLUDING ONE (1) TYPE 3B (22,000 SQ.FT. CULTIVATION) OPERATION IN EXISTING GREENHOUSES/WAREHOUSES	FLOODPLAIN
08/22/2017	GRUPO FLOR	CENTRAL SALINAS VALLEY	PROPOSED COMMERCIAL MEDICAL CANNABIS BUSINESS INCLUDING FOUR (4) TYPE 3B (22,000 SQ.FT. CULTIVATION) OPERATION IN EXISTING GREENHOUSES/WAREHOUSES	FLOODPLAIN
08/28/2017	NILSSON	GREATER MONTEREY PENINSULA	CONSTRUCT A 2,400 SFD, A 2,400 SQ FT AG SHOP, A 2,300 SQ FT HORSE BARN, AND A 1,200 SQ FT ACCESSORY DWELLING UNIT.	DRAINAGE CONTROL, FLOODPLAIN

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CONSTRUCTION PERMITS				
DATE	PROJECT NAME	AREA	PROJECT DESCRIPTION	CONDITION TYPES
08/01/2017	PETKANICS	CARMEL VALLEY	REMODEL BATHROOM	WATER SUPPLY
08/01/2017	DICKSON	TORO	CONVERT KITCHEN AND LIVING ROOM BACK INTO A GARAGE/WORKSHOP. CLOSE OFF ACCESS FROM SLEEPING QUARTERS. OBTAIN PERMIT FOR 580 SQ.F.T ADDITION DONE WITHOUT PERMITS IN 2000.	FLOODPLAIN
08/03/2017	GREENAN	DEL MONTE FOREST	REMODEL SFD.	WATER SUPPLY
08/03/2017	REXX-173, LLC	NORTH COUNTY COASTAL	TENANT IMPROVEMENTS IN BUILDING 9	FLOODPLAIN
08/03/2017	REXX-173, LLC	NORTH COUNTY COASTAL	TENANT IMPROVEMENTS IN BLDG 12	FLOODPLAIN
08/03/2017	SHANNON	TORO	ADD 210 SQ.FT. LAUNDRY ROOM UNDER AN EXISTING COVERED PATIO.	FLOODPLAIN
08/03/2017	PBC	DEL MONTE FOREST	LODGE ROOM RENOVATIONS.	WATER SUPPLY
08/07/2017	HENSEL	CARMEL	REMODEL, ADDITION TO SFD.	WATER SUPPLY
08/08/2017	POTTER PROPS	CARMEL	REMODEL, ADDITION TO SFD.	WATER SUPPLY
08/11/2017	PROPERTIES 180 LLC	CARMEL	REMODEL, ADDITION TO SFD.	WATER SUPPLY
08/14/2017	HOWELL	DEL MONTE FOREST	REMODEL SFD.	WATER SUPPLY
08/15/2017	HEARST CORPORATION	SOUTH COUNTY	DEMO EXISTING 880 SQ.FT. SFD AND BUILD NEW 3,400 SQ.FT. STEEL BUILDING	FLOODPLAIN
08/16/2017	MONTEREY COUNTY HOUSING AUTHORITY		DEMO EXISTING 17,444 SQ.FT. (3) TWO-STORY APARTMENT BUILDINGS WITH 18 APARTMENT UNITS, AND CONSTRUCT 3 NEW 19,931 SQ.FT. TWO-STORY BUILDINGS USING MODULAR UNITS WITH 18 APARTMENTS AND NEW SITE IMPROVEMENTS INCLUDING PARKING AND LANDSCAPING.	NONE

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08/16/2017	MONTEREY COUNTY HOUSING AUTHORITY	NORTH COUNTY COASTAL	DEMO EXISTING 20,832 SQ.FT. (5) TWO-STORY APARTMENT BUILDINGS WITH 30 APARTMENTS AND CONSTRUCT (5) NEW 37,935 SQ.FT. TWO-STORY BUILDINGS WITH 36 APARTMENTS AND COMMUNITY CENTER BUILDING, AND SITE IMPROVEMENTS INCLUDING PARKLOT AND LANDSCAPING	NONE
08/16/2017	JENKINS	CARMEL VALLEY	REMOVE SWIMMING POOL, DOCUMENTING CREDIT.	WATER SUPPLY
08/25/2017	TORRISE	GREATER MONTEREY PENINSULA	REMODEL SFD.	WATER SUPPLY

PLAN CHECK CONSTRUCTION PERMITS RELATED TO DISCRETIONARY PERMITS

DATE	PROJECT NAME	AREA	PROJECT DESCRIPTION	CONDITION TYPES
08/14/2017	"DOLAN": CUTLER	NORTH COUNTY	AMENDMENT TO PREVIOUSLY APPROVED PLN 140714: ALLOW IMPROVEMENTS TO AN EXISTING STORMWATER TREATMENT FACILITY (DISCHARGE LOCATION 1B), CONSISTING OF A CONCRETE-LINED FOREBAY/SETTLING BASIN AND BIORETENTION BASIN, CONNECTING TO EXISTING INTERCEPTOR VAULTS.	DRAINAGE CONTROL
08/14/2017	"DOLAN": S & S LAND DEV CO.	NORTH COUNTY	AMENDMENT TO PREVIOUSLY APPROVED PLN 140713: ALLOW IMPROVEMENTS TO AN EXISTING STORMWATER TREATMENT FACILITY (DISCHARGE LOCATIONS 1A & 2A), CONSISTING OF A CONCRETE-LINED FOREBAY/SETTLING BASIN AND BIORETENTION BASIN, CONNECTING TO EXISTING INTERCEPTOR VAULTS.	DRAINAGE CONTROL
08/17/2017	"DOLAN": PICK-N-PULL SAN JOSE	NORTH COUNTY	AMENDMENT TO PREVIOUSLY APPROVED PLN 140677: ALLOW IMPROVEMENTS TO AN EXISTING STORMWATER TREATMENT FACILITY (DISCHARGE LOCATION 2B), CONSISTING OF A CONCRETE-LINED FOREBAY/SETTLING BASIN AND BIORETENTION BASIN, CONNECTING TO EXISTING INTERCEPTOR VAULTS.	DRAINAGE CONTROL
08/17/2017	MARTINS	GREATER SALINAS	EXPANSION OF A MINI-STORAGE FACILITY INCLUDING 30,775 SQ FT OF INDOOR STORAGE AND 38,065 SQ FT OF OUTDOOR STORAGE. ALSO INCLUDES A LOT LINE ADJUSTMENT IN THE LIGHT COMMERCIAL ZONING DISTRICT.	NONE

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08/22/2017	BARWICK	NORTH COUNTY	CONSTRUCT A 3,000 SQ FT SFD W/ A 431 SQ FT ATTACHED GARAGE, AND A 1,050 SQ FT DETACHED RECREATION ROOM.	NONE
08/29/2017	WALSH	GREATER MONTEREY PENINSULA	CONSTRUCT A 4,700 SQ FT SFD, A 600 SQ FT GUESTHOUSE, A 1,000 SQ FT CARETAKER'S UNIT, AND A 120 SQ FT POOL HOUSE.	DRAINAGE CONTROL

CEQA/NEPA DOCUMENTS

DATE	PROJECT NAME	PROJECT DESCRIPTION	COMMENTS
8/1/2017	CITY OF SOLEDAD - MIRAVALE 2B	PROPOSED SPHERE OF INFLUENCE AMENDMENT AND ANNEXATION OF THE 45.3 ACRE "MIRAVALE-2B" SITE FOR RESIDENTIAL DEVELOPMENT. THIS SITE IS A REMNANT OUTLYING AREA OF A LARGER SITE THAT WAS ANNEXED TO THE CITY IN 2004. ANNEXATION OF THIS 45.3 ACRE PORTION WAS PLACED ON HOLD IN 2004 PENDING RESOLUTION OF ISSUES RELATED TO THE DRAINAGE CHANNEL ALONG BRYANT CANYON ROAD	<p>SHAUNNA MURRAY, ASSC HYDROLOGIST, PROVIDED THE FOLLOWING RESPONSE TO DARREN MCBAIN ON 07/31/2017: •The Subdivision Improvement Agreement between MCWRA and UCP Soledad was executed in the spring and improvements to the Bryant Canyon Channel are currently under construction. The improvements are bonded and therefore there is reasonable assurance that they will be completed.</p> <p>•Section 1h on page 2 does not mention assessments for the drainage improvement maintenance. There are existing assessment charges to maintain these improvements: MCWRA Zone 8, Benefit Assessment District for Bryant Canyon Channel. These assessments or comparable assessments for the City to perform maintenance will continue to be collected after the annexation process.</p> <p>•The City has discussed forming an assessment district for the new Bryant Canyon Channel maintenance responsibilities associated with the new Summerfield lots. Section 4J on page 6 should include a description of this.</p>

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

SUMMARY/DISCUSSION:

The CSIP system is currently delivering 70 - 80 acre feet per day to meet irrigation demand within zone 2B. SVRP and SRDF are both online and meeting most the water demanded. 9 supplemental CSIP wells are available for use to help maintain system pressure during periods of high demand. Supplemental well use has been significantly reduced due to the availability of the SRDF this season.

The SVRP has a daily water production of 60 - 67 acre feet per day to include the water diverted from the City of Salinas ponds. The SRDF is producing 10 – 20 acre feet per day to meet current irrigation demands.

Nine wells are presently operational, with a total flow capacity of approximately 18,400 gallons per minute or 81 acre feet per day. Pumping of the supplemental wells has been reduced to ± 6 acre feet per day due the availability of the SRDF.

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 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY15-16	FY16-17	FY17-18
	July-08	July-09	July-10	July-11	July-12	July-13	July-14	July-15	July-16	July-17
CSIP-Wells	1,590	1,699	267	316	214	98	1,303	1,351	1,412	578
SRDF-River	0	0	1,035	1,145	992	1,260	0	0	0	1,231
SVRP-Recycled	1,943	1,837	1,889	1,869	1,834	1,786	2,073	1,842	1,941	1,768
	Aug-08	Aug-09	Aug-10	Aug-11	Aug-12	Aug-13	Aug-14	Aug-15	Aug-16	Aug-17
CSIP-Wells	969	1,107	272	568	311	263	1,025	1,105	911	373
SRDF-River	0	0	968	709	799	1,220	0	0	0	877
SVRP-Recycled	1,906	1,839	1,902	1,873	1,847	1,803	2,033	1,785	1,704	1,884
	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Sep-14	Sep-15	Sep-16	Sep-17
CSIP-Wells	545	509	191	419	135	248	435	482	445	0
SRDF-River	0	0	478	0	314	537	0	0	0	0
SVRP-Recycled	1,683	1,594	1,821	1,617	1,734	1,725	1,837	1,687	1,782	0
	Oct-08	Oct-09	Oct-10	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16	Oct-17
CSIP-Wells	140	119	20	54	16	165	102	38	228	0
SRDF-River	0	0	80	0	65	133	0	0	0	0
SVRP-Recycled	1,378	465	1,006	733	1,168	1,548	1,407	1,217	578	0
	Nov-08	Nov-09	Nov-10	Nov-11	Nov-12	Nov-13	Nov-14	Nov-15	Nov-16	Nov-17
CSIP-Wells	35	575	246	238	72	35	303	213	325	0
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	730	0	179	224	731	1,127	18	57	0	0
	Dec-08	Dec-09	Dec-10	Dec-11	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16	Dec-17
CSIP-Wells	29	194	69	723	44	730	38	199	211	0
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	289	0	0	0	0	88	0	0	0	0
	Jan-09	Jan-10	Jan-11	Jan-12	Jan-13	Jan-14	Jan-15	Jan-16	Jan-17	Jan-18
CSIP-Wells	485	100	333	1,067	253	490	516	96	62	0
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	0	0	26	0	0	1,240	32	0	0	0
	Feb-09	Feb-10	Feb-11	Feb-12	Feb-13	Feb-14	Feb-15	Feb-16	Feb-17	Feb-18
CSIP-Wells	235	143	100	162	334	9	115	520	102	0
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	112	0	580	1,031	692	351	1,013	56	0	0
	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13	Mar-14	Mar-15	Mar-16	Mar-17	Mar-18
CSIP-Wells	408	529	154	211	218	214	411	395	580	0
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	676	49	450	929	1,561	902	1,542	289	125	0
	Apr-09	Apr-10	Apr-11	Apr-12	Apr-13	Apr-14	Apr-15	Apr-16	Apr-17	Apr-18
CSIP-Wells	1054	143	544	80	239	240	446	391	325	0
SRDF-River	0	0	0	0	501	0	0	0	0	0
SVRP-Recycled	1702	839	1,650	1,044	1,679	1,431	1,556	1,640	857	0
	May-09	May-10	May-11	May-12	May-13	May-14	May-15	May-16	May-17	May-18
CSIP-Wells	822	150	284	125	239	1,067	696	831	614	0
SRDF-River	0	375	593	618	1,219	0	0	0	516	0
SVRP-Recycled	1717	1737	1694	1,745	1,799	1,912	1,758	1,770	1,770	0
	Jun-09	Jun-10	Jun-11	Jun-12	Jun-13	Jun-14	Jun-15	Jun-16	Jun-17	Jun-18
CSIP-Wells	1,391	570	428	276	363	1,261	1,066	1,299	307	0
SRDF-River	0	944	1,020	906	1,224	0	0	0	1,010	0
SVRP-Recycled	1,750	1,838	1,713	1,764	1,677	1,940	1,761	1,855	1,559	0
Totals	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	FY 17-18
CSIP-Wells	7,703	5,838	2,908	4,239	2,438	4,820	6,455	6,921	5,522	950
SRDF-River	0	1,319	4,174	3,378	5,114	3,150	0	0	1,525	2,109
SVRP-Recycled	13,886	10,198	12,910	12,829	14,723	15,853	15,030	12,198	10,316	3,652
Total acre-feet	21,589	17,355	19,992	20,446	22,275	23,822	21,485	19,120	17,363	6,711
% Wells	36%	34%	15%	21%	11%	20%	30%	36%	32%	14%
% River	0%	8%	21%	17%	23%	13%	0%	0%	9%	31%
% Recycled	64%	59%	65%	63%	66%	67%	70%	64%	59%	54%




WATER RESOURCES AGENCY

MEMORANDUM

Monterey County

DATE: September 8, 2017

TO: Monterey County Water Resources Agency Board of Directors

FROM: Howard Franklin 

SUBJECT: Modification to USGS Joint Funding and Non-disclosure Agreement – Interlake Tunnel and San Antonio Spillway Modification Project Modeling Support

On July 24, 2017 the Monterey County Water Resources Agency Board of Directors approved and recommended that the Monterey County Water Resources Agency Board of Supervisors approve:

- a Joint Funding Agreement (JFA) with the U.S. Geological Survey (USGS) to develop an operational version of the Salinas Valley Integrated Hydrologic Model and provide technical assistance in the use of that model to support the Agency's Interlake Tunnel and San Antonio Spillway Modification Project, and;
- a Non-disclosure agreement with the USGS for the sharing of proprietary information.

On July 25, 2017 the Monterey County Water Resources Agency Board of Supervisors approved:

- a Joint Funding Agreement (JFA) with the U.S. Geological Survey (USGS) to develop an operational version of the Salinas Valley Integrated Hydrologic Model and provide technical assistance in the use of that model to support the Agency's Interlake Tunnel and San Antonio Spillway Modification Project, and;
- a Non-disclosure agreement with the USGS for the sharing of proprietary information.

Both boards approved the agreements "subject to review and approval by County Counsel." Subsequently, the USGS has determined that by making language changes to the JFA in items 7 and 8, there is no longer a need for the non-disclosure agreement. It is the USGS's opinion that these changes to the JFA in Items 7 and 8 address their concerns regarding the sharing of proprietary information.

The Agency legal advisor has reviewed these changes and has evaluated the position of the USGS. Counsel advises us that, under the particular facts of this matter, counsel can approve the changes because they do not change a material or substantive provision of the documents (*"the net effect of the changes they have made to the funding agreement more efficiently and concisely accomplishes the interim protection of the working model than does the non-disclosure agreement"*).

Further, our legal advisor opines that while these agreements may be taken back to the Boards for additional consideration, they do not require review by the boards, since the revisions do not effect a significant change that require subsequent Board approval. Attachment 1 is the revised JFA highlighting the changes made in items 7 and 8 of the Agreement.

Attachment 1

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U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resource Investigations

Agreement#: 17WSCA600466220
Customer#: 6000004662
Project #: ZG00
TIN #: 94-6000524
USGS DUNS #: 1761-38857

Fixed Cost Agreement YES[X] NO[]

THIS AGREEMENT is entered into as of the 14th day of August, 2017, by the U.S. GEOLOGICAL SURVEY, California Water Science Center, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the Monterey County Water Resources Agency, party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for cooperative water resources investigations in the Salinas Valley Interlake Tunnel Project area, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00.

- (a) \$14,810.00 by the party of the first part during the period
August 14, 2017 to November 30, 2019
- (b) \$148,096.00 by the party of the second part during the period
August 14, 2017 to November 30, 2019

USGS Duns is 1761-38857

- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of : \$0.00

Description of the USGS regional/national program:

Not Applicable

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon completion of the USGS Fundamental Science Practices reviews and approvals, copies of the original records will be provided to the office of the other party at their request.

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Attachment 1

8. Upon completion of the USGS Fundamental Science Practices reviews and approvals, the maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

~~8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.~~

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered **quarterly**. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).

Form 9-1366
(April 2015)

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U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resource Investigations

Agreement#: **FYWSCAXXX00**
Customer#: **600000XXXX**
Project #: ZG009J5
TIN #: **XX-XXXXXXX**
USGS DUNS #: 1761-38857

USGS Technical Point of Contact

Name: Wesley Henson
Project Chief
Address: 4165 Spruance Rd., Suite 200
San Diego, CA 92101
Telephone: (619) 225-6170
Fax: (619) 225-6101
Email: whenson@usgs.gov

Customer Technical Point of Contact

Name: COOP POC
COOP POC Title
Address: Street Address or P.O. Box
Telephone: (xxx) xxx-xxxx
Fax: (xxx) xxx-xxxx
Email: email@agency.gov

USGS Billing Point of Contact

Name: Irene A. Rios
Budget Analyst
Address: 6000 J Street - Placer Hall
Sacramento, CA 95819
Telephone: (619) 225-6156
Fax: (619) 225-6101
Email: iaros@usgs.gov

Customer Billing Point of Contact

Name: Franklin Howard
Address:
Telephone:
Fax:
Email:

Attachment 1

U.S. Geological Survey
United States
Department of Interior

Monterey County Water Resources Agency

Signature

Signatures

By _____ Date: _____
Name: Eric G. Reichard
Title: Director, USGS California Water
Science Center

By _____ Date: _____
Name: David Chardavoyne
Title: General Manager

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title: