

**MONTEREY COUNTY WATER RESOURCES AGENCY  
BOARD OF DIRECTORS  
BASIN MANAGEMENT ADVISORY COMMITTEE**

**COMMITTEE MEMBERS**

Richard Ortiz, Chair  
Deidre Sullivan  
John Baillie  
David Bunn  
Dennis Sites

Kevin Piearcy  
Bill Lipe  
*Vacant*, Public Member  
*Vacant*, Public Member  
*Vacant*, Public Member

**TIME:** 8:30 a.m.  
**DATE:** Wednesday, April 3, 2019  
**PLACE:** 1441 Schilling Place  
Saffron Room, 1<sup>st</sup> Floor  
Salinas, CA 93901  
(831) 755-4860

**AGENDA**

- 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 Minutes of the Meeting held on February 6, 2019.**  
The Committee will consider approval of the Minutes of the above-mentioned meeting.
- 4. Receive an update on well permit application activities.**
- 5. Receive an update on Salinas Valley Basin Groundwater Sustainability Agency (SVBGSA) activities.**
- 6. Receive an update on committee member status and vacancies of the Basin Management Advisory Committee.**
- 7. Review Basin Management Advisory Committee activities for integration into Monterey County Water Resources Agency Bylaws, Section IV, Committees.**  
The Committee will consider options for the composition, residency requirements and duties of the Basin Management Advisory Committee.
- 8. Receive a report on long-term groundwater level trends in the Salinas Valley.**
- 9. Receive an update on groundwater extractions in the Deep Aquifers.**

**10. Receive an update on the Salinas Valley Integrated Hydrologic Model.**

**11. Set next meeting date and discuss future agenda items.**

The Committee will determine details for its next meeting. The first Wednesday of May falls on the 1<sup>st</sup>.

**12. Adjournment**

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**TIME:** 8:30 a.m.  
**DATE:** Wednesday, March 6, 2019  
**PLACE:** 1441 Schilling Place, Saffron Room  
Salinas, CA 93901

**MINUTES**

**1. Call to Order @ 8:35 a.m.**

**Members Present:** Baillie, Sites, and Lipe (arrived at 9:08 a.m.)  
**Members Absent:** Ortiz, Sullivan, Bunn, Piearcy

**Meeting was canceled due to lack of quorum.**

**Agenda Item #4**

Receive an update on well permit application activities

RECOMMENDATION:

It is recommended that the Monterey County Water Resources Agency Basin Management Advisory Committee: receive an update on well permit application activities

SUMMARY/DISCUSSION:

The Well Permit Application Process is regulated by the Environmental Health Bureau (EHB) and the Agency provides technical support to EHB. Adoption of the 2010 County General Plan resulted in the addition of well impact assessments to the well permit review process.

The attached table provides a summation of well permit applications evaluated by Agency staff for compliance with 2010 Monterey County General Plan policies PS-3.3 (domestic wells) or PS-3.4 (high capacity wells), categorized by type of well impact assessment and Salinas Valley subbasin. This table is provided to the Board of Directors and Basin Management Advisory Committee on a monthly basis.

In response to requests from the Board of Directors regarding data about construction of wells in the Deep Aquifers, Staff has also included a chart depicting the history of well installation in the Deep Aquifers (Figure). This chart, which includes both production and monitoring wells, indicates that a total of forty-seven (47) wells have been installed in the Deep Aquifers since 1974, with sixteen (16) of those wells being constructed in the last ten years.

Applications have been filed for seven (7) additional wells including two (2) new monitoring wells in the Deep Aquifers, but construction has not been completed as of the date of this report. Two (2) of the seven (7) proposed wells in the Deep Aquifers have been applied for as “replacement wells” under provisions of interim Ordinance No. 5302, which was passed by the Board of Supervisors and adopted on May 22, 2018.

OTHER AGENCY INVOLVEMENT:

None

FINANCING:

None

Prepared by: Peter Kwiek, Hydrologist, (831) 755-4860  
Howard Franklin, Senior Hydrologist, (831) 755-4860

Attachments:

- Table - Summary of Well Impact Evaluations
- Figure - Timeline of Well Installation in the Deep Aquifers

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

## Domestic Wells

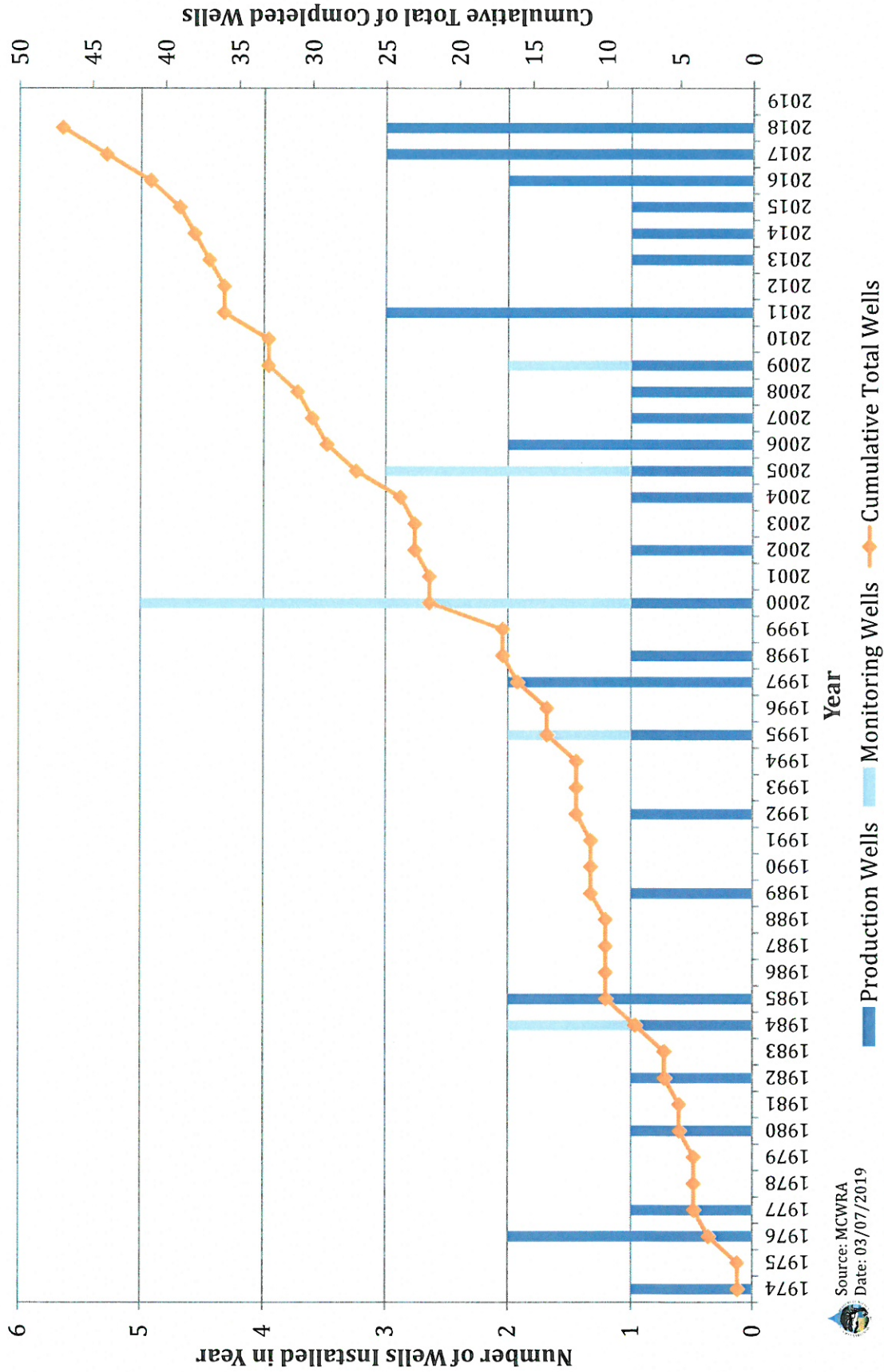
<i>Evaluation Outcome</i>	Pressure	East Side	Forebay	Upper Valley	Outside Zone 2C	TOTAL
Coastal Zone or City (General Plan n/a).	2	1	1	0	13	17
No potential impact.	8	17	12	6	178	221
Potential impact; acceptable mitigation proposed.	0	0	0	0	2	2
Repair (exempt).	0	2	0	0	2	4
Replacement (exempt).	3	7	2	2	10	24
<b>TOTAL</b>	<b>13</b>	<b>27</b>	<b>15</b>	<b>8</b>	<b>205</b>	<b>268</b>
<i>Subarea Total as Percentage</i>	5%	10%	6%	3%	76%	

## High Capacity Wells

<i>Evaluation Outcome</i>	Pressure	East Side	Forebay	Upper Valley	Outside Zone 2C	TOTAL
Coastal Zone or City (General Plan n/a).	2	0	0	0	2	4
No potential impact.	24	37	25	20	14	120
Potential impact; acceptable mitigation proposed.	1	1	0	3	0	5
Repair (exempt).	2	0	1	2	0	5
Replacement (exempt).	17	6	6	19	0	48
<b>TOTAL</b>	<b>46</b>	<b>44</b>	<b>32</b>	<b>44</b>	<b>16</b>	<b>182</b>
<i>Subarea Total as Percentage</i>	25%	24%	18%	24%	9%	

**Total Evaluations:** To Date: 450    FY 18/19: 33    Report Date: 3/7/2019    Evaluations initiated November 2011.

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



Source: MCWRA  
Date: 03/07/2019

## **Agenda Item #8**

Receive report on long-term groundwater level trends in the Salinas Valley

### RECOMMENDATION:

It is recommended that the Monterey County Water Resources Agency Basin Management Advisory Committee: receive a report on long-term groundwater level trends in the Salinas Valley.

### SUMMARY/DISCUSSION:

Agency staff conducts a comprehensive basin-wide field data collection survey each fall to monitor annual changes in groundwater levels. Static water level measurements are acquired from early November to late December from approximately 450 wells in the Fall Monitoring Program. The timing coincides with the end of the irrigation season and before seasonal recharge by winter rains has begun to raise water levels. Fall groundwater levels are an indicator of year to year changes in storage, which reflect net annual recharge and withdrawals of groundwater.

To understand current data in the context of regional, historical trends, validated water level measurements from each well are compared to the previous year's measurement. These one-year differences in water levels are then combined into subarea average groundwater level changes, which are used to update the Agency's chart of Annual Groundwater Level Changes by Subarea. The chart is a cumulative graphical summary of groundwater storage changes and trends since 1944. The attached figure is the most recent update, reflecting groundwater level data collected from 1944 through 2018.

### OTHER AGENCY INVOLVEMENT:

None

### FINANCING:

None

Prepared by: Peter Kwiek, Hydrologist, (831) 755-4860  
Howard Franklin, Senior Hydrologist, (831) 755-4860

Attachment:

Figure – Chart showing Average Annual Groundwater Level Changes by Subarea



# Salinas Valley Groundwater Level Changes

1944 - 2018 Annual Fall Averages

