

Well Permit Application Activities Update

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

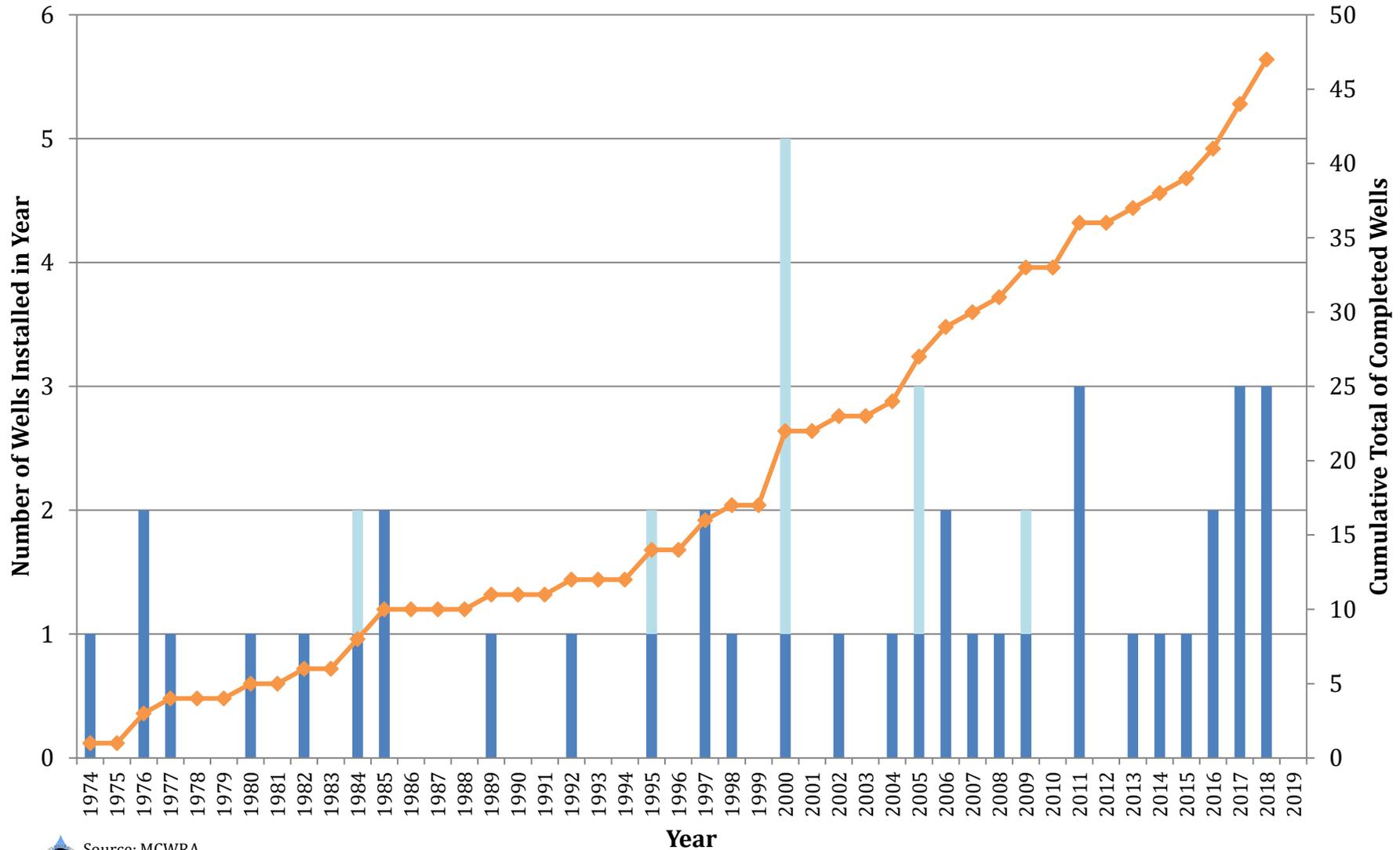
<i>Evaluation Outcome</i>	Pressure	East Side	Forebay	Upper Valley	Outside Zone 2C	TOTAL
Coastal Zone or City (General Plan n/a).	2	1	1	0	13	17
No potential impact.	8	17	13	6	180	224
Potential impact; acceptable mitigation proposed.	0	0	0	0	2	2
Repair (exempt).	0	2	0	0	2	4
Replacement (exempt).	3	7	2	2	10	24
TOTAL	13	27	16	8	207	271
<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	26	20	14	121
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
TOTAL	46	44	33	44	16	183
<i>Subarea Total as Percentage</i>	25%	24%	18%	24%	9%	

Total Evaluations: To Date: 454 FY 18/19: 37 Report Date: 4/4/2019 Evaluations initiated November 2011.

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



Source: MCWRA
Date: 04/04/2019

■ Production Wells
 ■ Monitoring Wells
 ◆ Cumulative Total Wells