



Date: July 25, 2018

To: Engineering and Operations Committee
Dean Efstathiou, Chair
Tom Campbell
Ed Colley
William Cooper
Gary Martin
Lynne Plambeck

From: Brian J. Folsom, Chief Engineer *BTF*
Keith Abercrombie, Chief Operating Officer *KA*

The **Engineering & Operations Committee** is scheduled to meet on **Thursday, August 2, 2018 at 5:30 PM at Rio Vista Water Treatment Plant** located at 27234 Bouquet Canyon Road, Santa Clarita, CA 91350 in the Training Room.

MEETING AGENDA

1. Public Comments
2. ♦ Recommend Approval of (1) a Resolution for Construction Contract and Management Funding to The Newhall Land and Farming Company, LLC, and (2) a Work Authorization to Kennedy/Jenks Consultants for Inspection Services for the Magic Mountain Pipeline Phase 4 Project
3. Quarterly Safety Presentation
4. * Operations and Production Report
5. * Third Party Funded Agreements Quarterly Report
6. * Capital Improvement Projects Construction Status Report
7. * Committee Planning Calendar
8. General Report on Treatment, Distribution, Operations and Maintenance Services Section Activities
9. General Report on Engineering Services Section Activities
10. Adjournment

- * Indicates attachments
- ◆ To be distributed

NOTICES:

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning (661) 297-1600, or writing to Santa Clarita Valley Water Agency at 27234 Bouquet Canyon Road, Santa Clarita, CA 91350. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that Agency staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the Agency to provide the requested accommodation.

Pursuant to Government Code Section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection at the Santa Clarita Valley Water Agency, located at 27234 Bouquet Canyon Road, Santa Clarita, California 91350, during regular business hours. When practical, these public records will also be made available on the Agency's Internet Website, accessible at <http://www.yourscvwater.com>.

Posted on July 26, 2018.

MGS



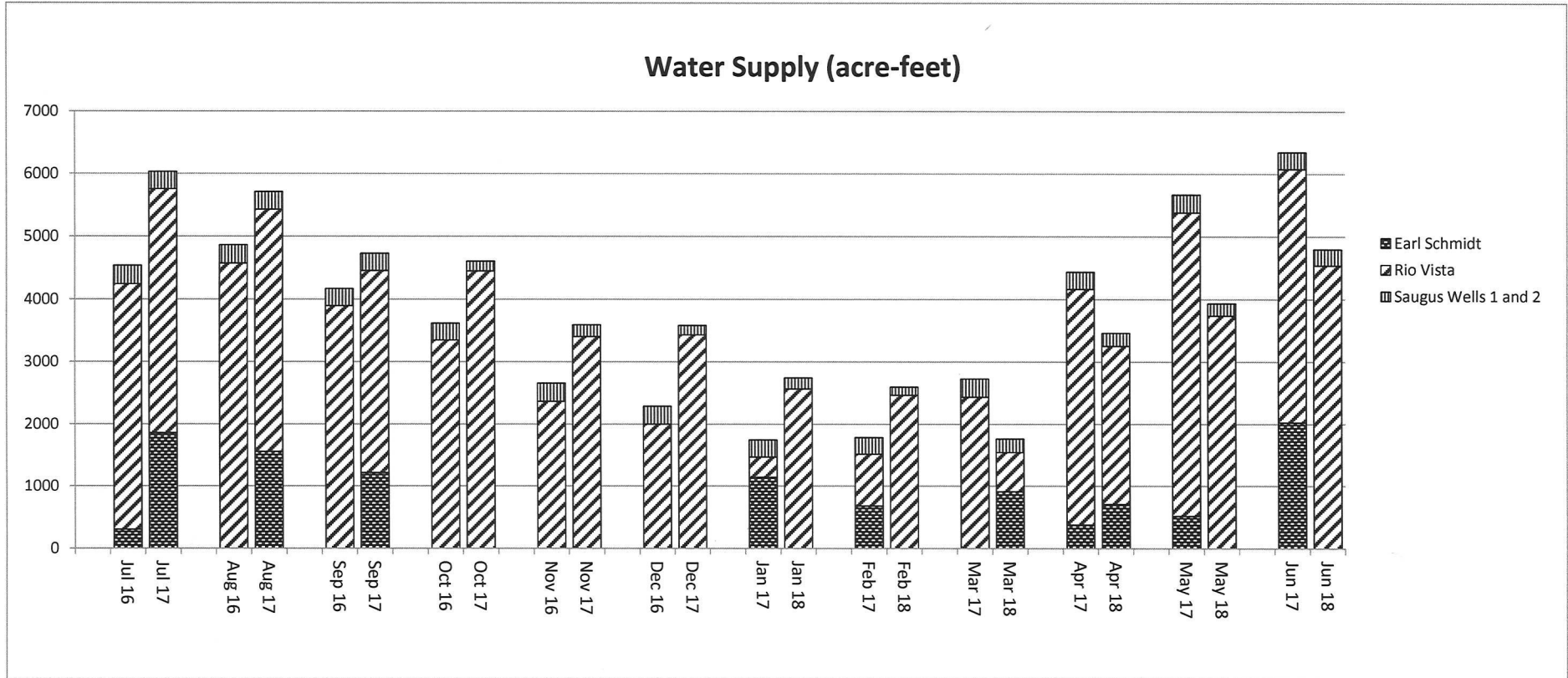
Monthly Operations & Production Report

JUNE 2018

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SANTA CLARITA VALLEY WATER AGENCY

June 2018 Import Operations Report

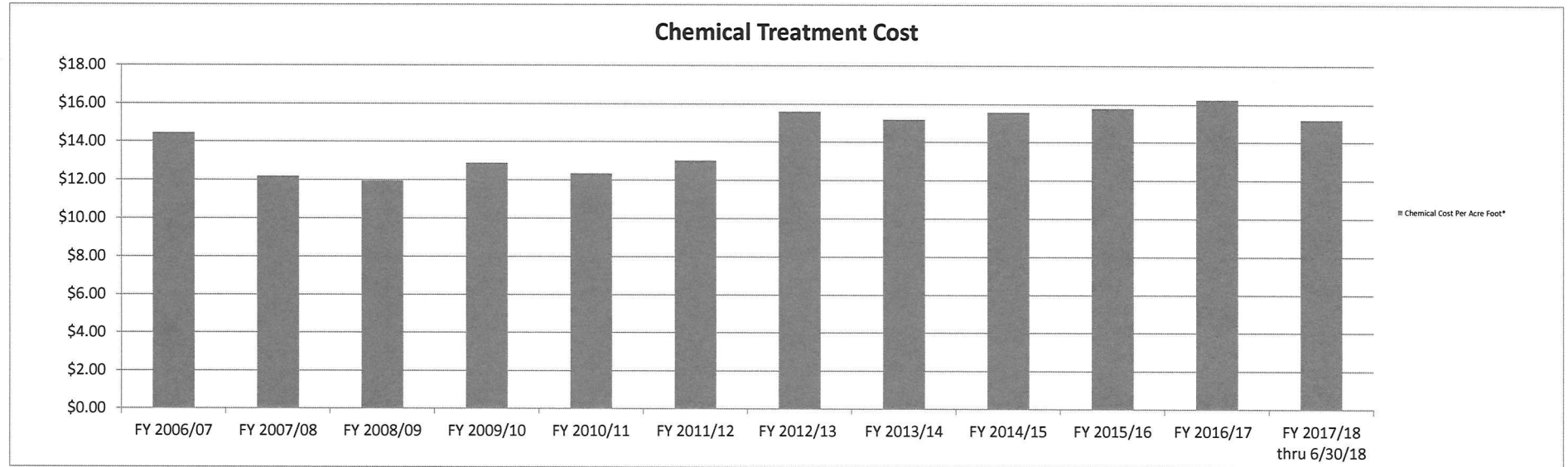


Source	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Total
Earl Schmidt	1858	1557	1218	0	0	0	0	0	909	710	0	0	6252
Rio Vista	3899	3872	3234	4450	3403	3434	2564	2465	637	2544	3735	4539	38776
Saugus 1 and 2	275	281	274	154	191	150	176	128	220	210	201	260	2520
Total	6032	5710	4726	4604	3594	3584	2740	2593	1766	3464	3936	4799	47548
Total Sold	5957	5615	4619	4522	3527	3481	2684	2532	1746	3414	3885	4695	46677
RVWTP Use/Storage	45	45	36	39	35	19.29	37.6	23.58	0.71	21.8	67	10	379.98
Total Use	6002	5660	4655	4561	3562	3500.29	2721.6	2555.58	1746.71	3435.8	3952	4705	47056.98
Water Loss	-0.50%	-0.88%	-1.50%	-0.93%	-0.89%	-2.34%	-0.67%	-1.44%	-1.09%	-0.81%	0.41%	-1.96%	-1.03%
Recycled Water	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Total
Valencia	63	54	62	65	24	24	15	14	9	39	39	64	472

* Water loss includes water usage at Rio Vista Water Treatment Plant facilities and system storage.

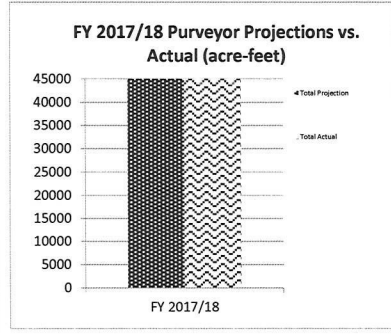
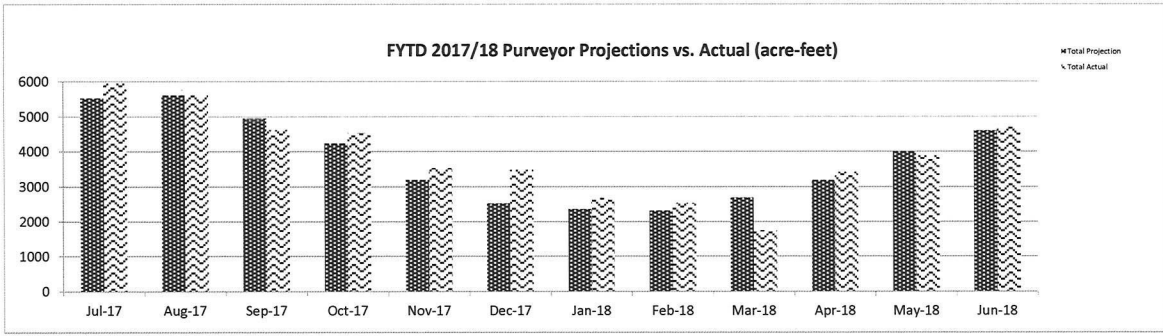
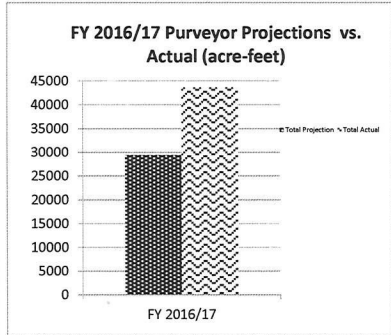
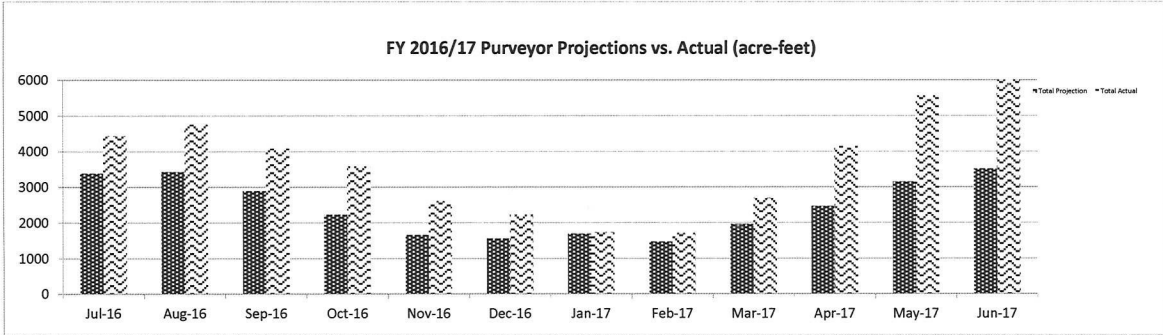
**Treatment Process
June 2018**

	Perchlorate Raw Water	Perchlorate Finished Water	Raw NTU	Treated NTU	Percent Reduction	Raw Ph	Adjusted pH	Ferric Chloride Dosage	Polymer Dosage	Chlorine Dosage	Ammonia Dosage	Ozone Dosage
Rio Vista			1.03	0.06	94%	7.3	8.12	0.64	0.65	3.51	0.8	1.1
Earl Schmidt			Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline	Offline
Saugus 1 and 2	16.5	>1				7.6	7.6			3.4	0.67	



	FY 2006/07	FY 2007/08	FY 2008/09	FY 2009/10	FY 2010/11	FY 2011/12	FY 2012/13	FY 2013/14	FY 2014/15	FY 2015/16	FY 2016/17	FY 2017/18 thru 6/30/18
Acre Feet Treated Imported Water	44,493	44,732	38,275	34,610	33,441	35,653	41,504	44,909	30,571	27,456	43,670	46,672
Chemical Cost Per Acre Foot*	\$14.46	\$12.19	\$11.95	\$12.89	\$12.35	\$13.04	\$15.62	\$15.20	\$15.60	\$15.80	\$16.24	\$15.20

* The cost per acre foot includes all chemicals used the treatment process: Chlorine Gas, Sodium Hypochlorite, Caustic Soda (Sodium Hydroxide), Ferric Chloride, Ammonia, and Cationic, non-ionic, and anionic polymers as well as the cost of liquid Oxygen, but does not include the electrical costs to produce the Ozone.



Purveyor Projections vs. Actual															
Month	SCWD Projection	SCWD Actual	%	Valencia Projection	Valencia Actual	%	Newhall Projection	Newhall Actual	%	LA County Projection	LA County Actual	%	Total Projection	Total Actual	Percentage of Estimate
Jul-16	2050	2404	117%	900	1565	174%	332	478	144%	100	0	0	3382	4447	131%
Aug-16	2075	2663	128%	880	1640	186%	352	467	133%	120	0	0	3427	4770	139%
Sep-16	1700	2368	139%	780	1305	167%	312	418	134%	100	0	0	2892	4091	141%
Oct-16	1250	2128	170%	635	1080	170%	262	372	142%	90	0	0	2237	3580	160%
Nov-16	850	1712	201%	490	607	124%	232	293	126%	85	0	0	1657	2612	158%
Dec-16	1000	1377	138%	365	620	170%	192	234	122%	0	0	0	1557	2231	143%
Jan-17	850	952	112%	645	643	100%	202	141	70%	0	0	0	1697	1736	102%
Feb-17	700	843	120%	575	763	133%	192	109	57%	0	0	0	1467	1715	117%
Mar-17	1030	1359	132%	735	1123	153%	201	216	107%	0	0	0	1966	2698	137%
Apr-17	1300	2039	157%	925	1727	187%	251	384	153%	0	0	0	2476	4150	168%
May-17	1650	2456	149%	1230	2499	203%	271	604	223%	0	0	0	3151	5559	176%
Jun-17	1850	2772	150%	1360	2614	192%	301	695	231%	0	0	0	3511	6081	173%
FY 2016/17	16305	23073	142%	9520	16186	170%	3100	4411	142%	495	0	0	29420	43670	148%
Jul-17	2505	3084	123%	2380	2088	88%	544	785	144%	101	0	0	5530	5957	108%
Aug-17	2585	3035	117%	2345	1723	73%	544	856	157%	140	0	0	5614	5614	100%
Sep-17	2265	2589	114%	2070	1184	57%	480	845	176%	134	0	0	4949	4618	93%
Oct-17	2025	2462	122%	1690	1260	75%	430	804	187%	85	0	0	4230	4526	107%
Nov-17	1545	1921	124%	1300	965	74%	350	640	183%	0	0	0	3195	3526	110%
Dec-17	1265	1955	155%	970	969	100%	290	556	192%	0	0	0	2525	3480	138%
Jan-18	1145	1578	138%	990	853	86%	229	253	110%	0	0	0	2364	2684	114%
Feb-18	1225	1580	129%	880	676	77%	210	275	131%	0	0	0	2315	2531	109%
Mar-18	1305	969	74%	1125	619	55%	260	157	60%	0	0	0	2690	1745	65%
Apr-18	1465	1905	130%	1410	1160	82%	310	349	113%	0	0	0	3185	3414	107%
May-18	1785	2075	116%	1880	1335	71%	330	473	143%	0	0	0	3995	3883	97%
Jun-18	2105	2264	108%	2080	1622	78%	410	808	197%	0	0	0	4595	4694	102%
FY 2017/18	21220	25417	120%	19120	14454	76%	4387	6801	155%	460	0	0	45187	46672	103%

SANTA CLARITA VALLEY WATER AGENCY

Record of Weather Observations

Jun-18

DATE	High Temperature	Low Temperature	Precipitation 2018	Precipitation 2017
1-Jun	80	45	0.00	0.00
2-Jun	86	49	0.00	0.00
3-Jun	95	51	0.00	0.00
4-Jun	88	54	0.00	0.00
5-Jun	78	54	0.00	0.00
6-Jun	79	57	0.00	0.00
7-Jun	82	50	0.00	0.00
8-Jun	90	50	0.00	0.00
9-Jun	86	56	0.00	0.00
10-Jun	88	60	0.00	0.01
11-Jun	91	52	0.00	0.00
12-Jun	93	54	0.00	0.00
13-Jun	92	54	0.00	0.00
14-Jun	92	54	0.00	0.00
15-Jun	85	55	0.00	0.00
16-Jun	69	57	0.00	0.00
17-Jun	66	56	0.00	0.00
18-Jun	77	52	0.00	0.00
19-Jun	85	47	0.00	0.00
20-Jun	95	52	0.00	0.00
21-Jun	90	53	0.00	0.39
22-Jun	91	53	0.00	0.09
23-Jun	77	56	0.00	2.13
24-Jun	81	58	0.00	0.17
25-Jun	88	56	0.00	0.00
26-Jun	89	55	0.00	0.01
27-Jun	89	54	0.00	0.00
28-Jun	84	55	0.00	0.00
29-Jun	79	60	0.00	0.00
30-Jun	81	60	0.00	0.35

TOTAL	0.00	3.44
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	2017-2018	2016-2017
<i>Total Precipitation of Current Month</i>	0.00	0.00
<i>Total Precipitation End of Previous Month</i>	11.13	25.32

Total Precipitation Since October 1st	11.13	25.32
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<i>Temperature Averages for Current Month</i>	HIGH	84.9	88.0
	LOW	54.0	55.5

Santa Clarita Valley Water Agency

Summary of Annual Precipitation

October 1st through September 30th

(Total in Inches)

	<i>1997-98</i>	<i>1998-99</i>	<i>1999-00</i>	<i>2000-01</i>	<i>2001-02</i>	<i>2002-03</i>	<i>2003-04</i>	<i>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>
Oct	0.00	0.33	0.00	1.13	0.22	0.00	1.10	4.79	1.91	0.42	0.25
Nov	3.73	1.39	0.00	0.00	3.18	3.01	0.63	0.64	0.59	0.05	0.50
Dec	6.72	1.39	0.05	0.00	1.30	5.85	2.57	8.54	0.14	0.83	2.67
Jan	3.49	2.08	1.21	5.84	1.55	0.00	0.65	17.06	3.27	1.66	17.54
Feb	22.00	0.65	9.43	10.76	0.51	9.03	8.07	16.69	3.78	1.38	1.82
Mar	5.15	3.00	3.15	3.38	0.38	2.38	0.37	2.70	5.68	0.17	0.10
Apr	2.28	3.78	2.10	2.56	0.05	2.35	0.20	1.42	4.22	0.71	0.07
May	5.50	0.00	0.00	0.00	0.12	1.70	0.00	0.45	0.99	0.00	0.17
Jun	0.06	0.48	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.00
Aug	0.00	0.00	0.31	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00
Sep	0.21	0.01	0.00	0.00	0.02	0.00	0.00	0.17	0.00	1.32	0.00
TOTAL	49.14	13.11	16.25	23.67	7.34	24.34	13.59	52.55	20.58	6.58	23.12
	<i>2008-09</i>	<i>2009-10</i>	<i>2010-11</i>	<i>2011-12</i>	<i>2012-13</i>	<i>2013-14</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	
Oct	0.09	4.04	1.34	1.97	0.15	0.11	0.32	0.17	0.43	0.00	
Nov	1.78	0.08	1.87	2.50	2.20	1.41	0.64	0.21	1.49	0.06	
Dec	3.01	4.28	11.97	1.19	1.54	0.37	6.16	0.49	3.44	0.01	
Jan	0.69	9.13	0.96	1.23	1.94	0.06	1.44	6.07	10.30	3.18	
Feb	6.78	4.96	5.36	0.13	0.42	5.26	0.74	0.69	8.98	0.35	
Mar	1.18	0.69	8.86	4.99	1.21	1.64	1.09	2.75	0.33	7.50	
Apr	0.07	2.40	0.12	4.02	0.00	0.31	0.16	0.37	0.09	0.02	
May	0.01	0.07	0.74	0.01	0.74	0.00	0.66	0.09	0.26	0.01	
Jun	0.03	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	
Jul	0.00	0.00	0.01	0.00	0.08	0.02	0.87	0.00	0.01		
Aug	0.00	0.00	0.00	0.01	0.00	0.05	0.00	0.02	0.07		
Sep	0.00	0.00	0.00	0.02	0.00	0.00	0.78	0.00	0.13		
TOTAL	13.64	25.65	31.27	16.07	8.28	9.23	12.87	10.87	25.53	11.13	

NEWHALL WATER DIVISION
 WATER PRODUCTION 2018 (ACRE-FEET)

GROUNDWATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total
NEWHALL SYSTEM													
N12	0	0	0	0	0	0							0
N13	216	214	164	274	272	53							1192
CASTAIC SYSTEM													
C1	30	30	20	33	41	37							191
C2	15	15	9	16	19	17							90
C7	34	33	22	19	0	0							108
PINETREE SYSTEM													
P1	0	0	0	0	0	0							0
P3	0	0	0	0	0	0							0
P4	0	0	0	0	0	0							0
P5	0	0	0	0	0	0							0
S1 & S2	47	34	59	56	54	70							321
TOTAL GROUNDWATER	342	327	273	398	386	177							1902
IMPORT + S1 & S2													
NEWHALL SYSTEM													
N-3	51	62	33	61	112	377							697
CASTAIC SYSTEM													
N-1	33	33	24	58	87	120							354
PINETREE SYSTEM													
N-2	120	120	75	153	184	204							856
TESORO SYSTEM													
N-4	50	60	25	77	90	108							410
TOTAL IMPORT + S1 & S2	253	275	157	349	473	808							2316
VWD- INTERTIE													
	5	0	0	0	0	0	0	0	0	0	0	0	5
TOTAL GROUNDWATER (INCLUDES S1 & S2)	342	327	273	398	386	177							1902
TOTAL IMPORT (NO S1 & S2)	206	241	98	292	420	738							1996
TOTAL VWD INTERTIE	5	0	0	0	0	0							5
TOTAL PRODUCTION	553	568	372	690	806	915							3903
% BY SOURCE													
GROUNDWATER	62%	58%	74%	58%	48%	19%							49%
IMPORT	37%	42%	26%	42%	52%	81%							51%
INTERTIE	1%	0%	0%	0%	0%	0%							0%

**SANTA CLARITA WATER DIVISION
WATER PRODUCTION 2018 (ACRE-FEET)**

GROUNDWATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
LOST CANYON NO.2	0	10	0	2	0	0							12
LOST CANYON NO.2A	5	28	20	37	68	88							246
SAND CANYON	0	0	18	22	68	85							193
MITCHELL 5A	0	0	13	1	33	0							47
MITCHELL 5B	0	0	0	2	0	55							57
SIERRA	2	1	19	2	25	54							103
NORTH OAKS EAST	1	1	12	5	1	1							21
NORTH OAKS CENTRAL	1	1	0	2	1	2							7
NORTH OAKS WEST	1	2	18	4	6	0							31
HONBY	0	0	12	1	0	0							13
GUIDA	10	10	21	10	29	26							106
CLARK	14	7	21	12	23	24							101
SANTA CLARA	1	6	13	1	0	1							22
VALLEY CENTER	0	1	19	2	1	36							59
TOTAL ALLUVIUM	35	67	186	103	255	372	0	0	0	0	0	0	1018

SAUGUS WELLS S1 & S2	129	94	161	154	147	191							875
TOTAL GROUNDWATER	164	161	347	256.81	402	563	0	0	0	0	0	0	1893

IMPORT + S1 & S2	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
SC-1 BOUQUET	138	152	31	47	197	233							797
SC-2 HONBY	473	445	275	548	626	730							3097
SC-3 WILEY	43	44	47	84	87	91							396
SC-4 HONBY #2	0	0	0	0	80	41							122
SC-5 RIO VISTA	177	174	50	319	171	230							1122
SC-6 LOST CANYON	160	239	186	314	243	163							1305
SC-7	49	204	108	126	154	177							818
SC-8	181	62	32	77	222	185							759
SC-9	107	99	48	94	177	191							717
SC-10	57	52	18	87	9	52							275
SC-11	46	37	38	103	10	60							294
SC-12	76	0	0	0	0	0							76
SC-13	71	71	136	106	99	110							594
TOTAL IMPORT + S1 & S2	1,578	1,580	969	1,905	2,076	2,264	0	0	0	0	0	0	10,372

METERING ADJUSTMENT	0	0	-4	0	0	0							-4
NET IMPORT + S1 & S2	1,578	1,580	965	1,905	2,076	2,264	0	0	0	0	0	0	10,368

TOTAL GROUNDWATER (INCLUDES S1 & S2)	164	161	347	257	402	563	0	0	0	0	0	0	1893.36
TOTAL IMPORT (NO S1 & S2)	1,449	1,486	808	1,751	1,929	2,074	0	0	0	0	0	0	9,496
TOTAL VWD INTERTIE	0	0	8	0	0	0							8
TOTAL PRODUCTION	1,613	1,647	1,163	2,008	2,331	2,636	0	0	0	0	0	0	11,398

% BY SOURCE

GROUNDWATER	10%	10%	30%	13%	17%	21%							17%
IMPORT	90%	90%	69%	87%	83%	79%							83%
VWD INTERTIE	0%	0%	1%	0%	0%	0%							0%

VALENCIA WATER DIVISION
WATER PRODUCTION 2018 (ACRE-FEET)

ALLUVIUM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	43	49	27	60	62	79							319
E15	51	44	31	32	43	53							254
N	63	67	31	84	72	115							433
N7	61	138	69	101	137	78							584
N8	65	100	58	92	130	75							520
Q2	39	69	40	90	92	113							445
T7	4	7	16	7	8	10							52
U6	5	8	12	14	11	4							55
U4	3	6	10	6	6	7							38
S6	65	124	39	81	104	95							509
S7	15	28	25	43	57	45							213
S8	24	32	17	44	62	60							239
W11	41	34	28	23	37	65							228
W9	3	2	8	29	29	20							91
W10	65	118	28	111	120	143							586
TOTAL ALLUVIUM	548	825	441	817	970	963							4563
SAUGUS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
159	3	4	1	12	6	0							27
160 - DOM	1	1	1	1	1	1							7
160 - VGC*	22	28	11	57	58	82							258
201	0	0	0	0	0	0							0
205	0	0	0	0	0	0							0
206	71	59	30	95	153	141							549
207	66	68	92	94	112	147							579
TOTAL SAUGUS	162	161	135	261	330	371							1419
IMPORT WATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
V-1	95	96	58	94	101	136							580
V-2	220	108	131	273	315	436							1482
V-4	91	62	22	40	119	108							444
V-5	183	153	172	307	348	411							1574
V-6	150	137	111	164	202	185							949
V-7	24	36	25	51	71	61							268
V-8	91	84	100	230	180	284							969
TOTAL IMPORT	853	676	619	1,160	1,336	1,622							6,266
TOTAL GROUNDWATER	710	986	575	1,077	1,300	1,334							5,983
TOTAL IMPORT	853	676	619	1,160	1,336	1,622							6,266
TOTAL PRODUCTION	1,564	1,662	1,194	2,237	2,636	2,957							12,249
% BY SOURCE													
GROUNDWATER	45%	59%	48%	47%	48%	44%							48%
IMPORT WATER	55%	41%	52%	53%	52%	56%							52%
RECYCLED WATER	15	14	9	39	39	64							181
Well 201 Discharge	224	201	128	155	154	149							1011

*Not used in the calculation for % by source

LOS ANGELES COUNTY WATERWORKS DISTRICT 36

SOURCE

TURNOUT	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
LA 1	0.00	0.02	0.00	0.01	0.00	0.00							0.03
LA 2	0.00	1.04	0.44	0.38	0.60	0.43							2.89
TOTAL	0.00	1.06	0.44	0.39	0.60	0.43							2.92

LOS ANGELES COUNTY WATERWORKS DISTRICT 36

SOURCE

TURNOUT	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	TOTAL
LA 1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.03
LA 2	0.00	0.00	0.00	0.00	0.00	0.36	0.00	1.04	0.44	0.38	0.60	0.43	3.25
TOTAL	0.00	0.00	0.00	0.00	0.00	0.36	0.00	1.06	0.44	0.39	0.60	0.43	3.28

RAW WATER

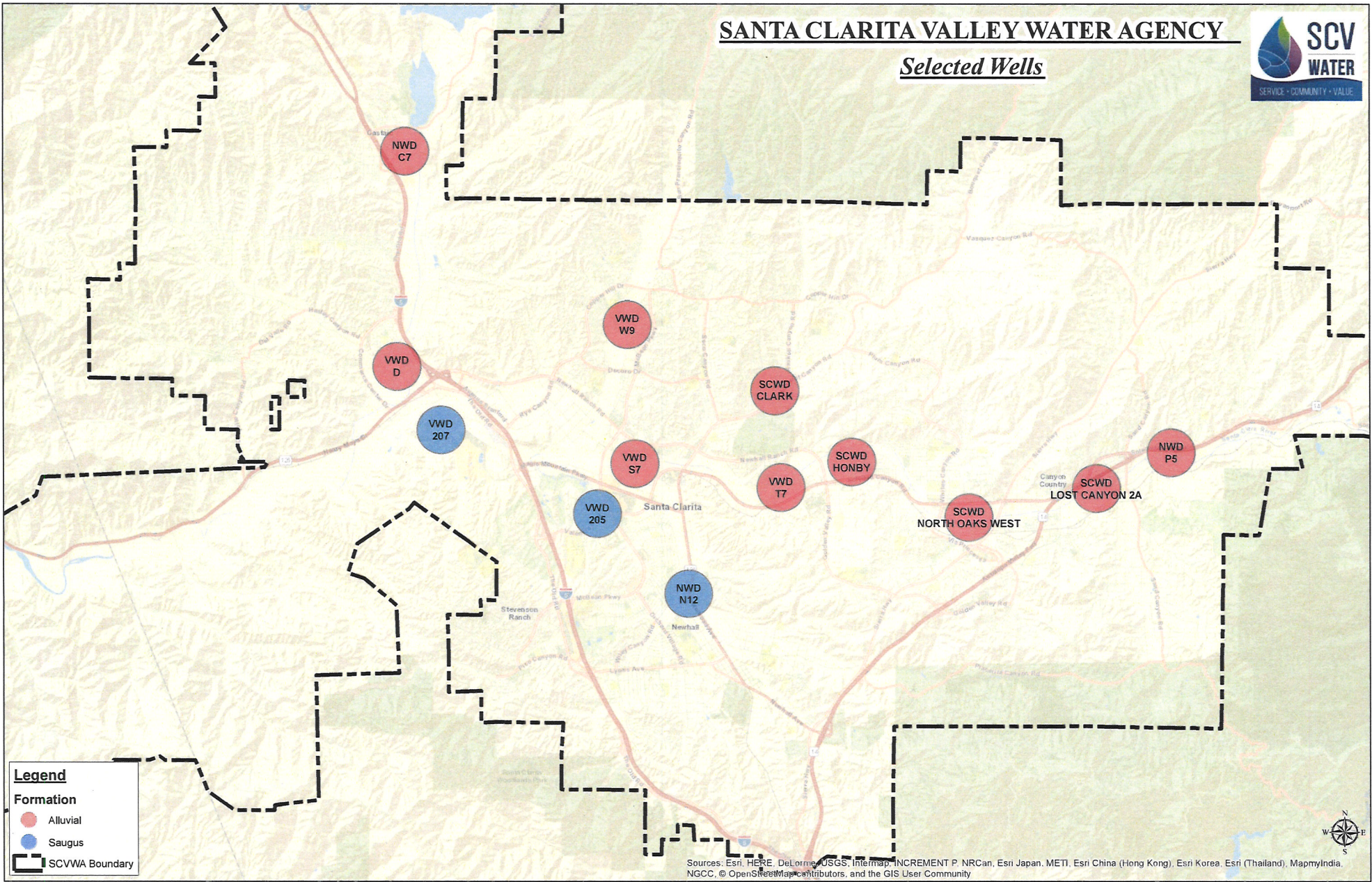
SOURCE	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	TOTAL
RVTP	2,564	2,465	909	2,523	3,735	4,539							16,735.15
ESTP	0	0	637	722	0	0							1,359.40
Wells	176	126	220	210	201	260							1,194.40
TOTAL	2,740	2,592	1,766	3,456	3,936	4,799							19,288.95

RAW WATER

SOURCE	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	TOTAL
RVTP	2,564	2,465	909	2,523	3,735	4,539	2,564	2,465	909	2,523	3,735	4,539	33,470.30
ESTP	0	0	637	722	0	0	0	0	637	722	0	0	2,718.80
Wells	176	126	220	210	201	260	176	126	220	210	201	260	2,388.80
TOTAL	2,740	2,592	1,766	3,456	3,936	4,799	2,740	2,592	1,766	3,456	3,936	4,799	38,577.89

SANTA CLARITA VALLEY WATER AGENCY

Selected Wells

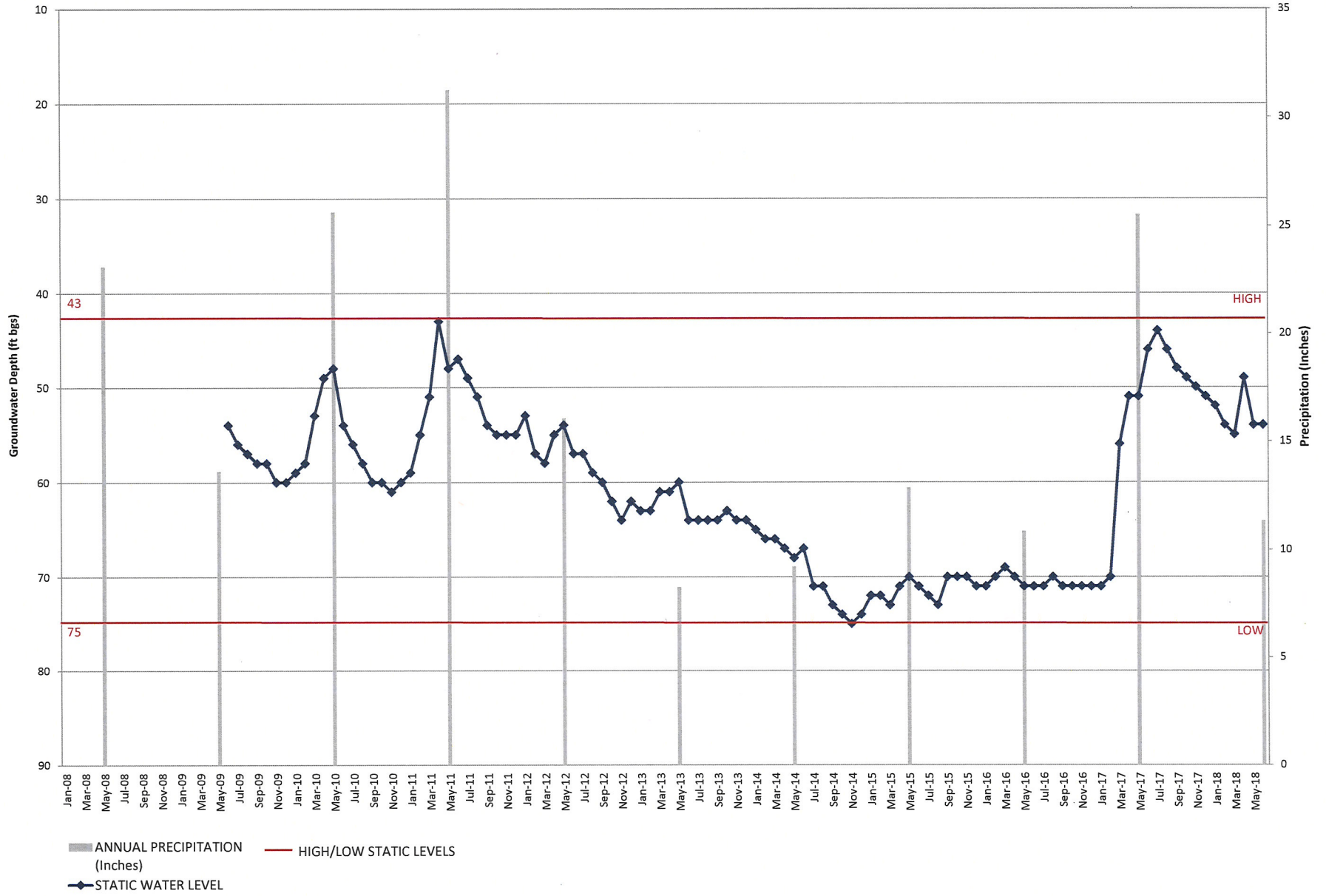


Legend
Formation
● Alluvial
● Saugus
▬ SCVWA Boundary

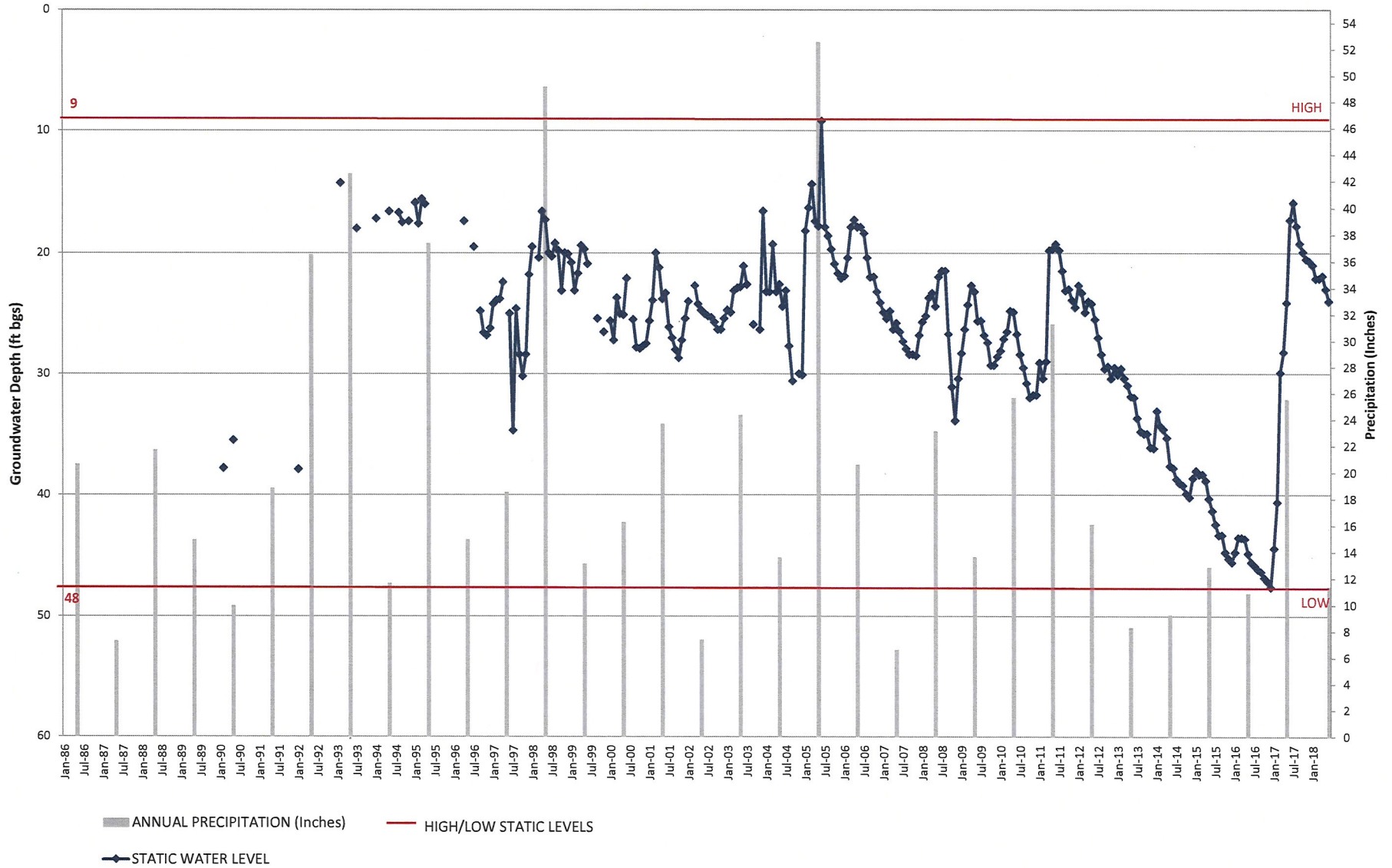
Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community



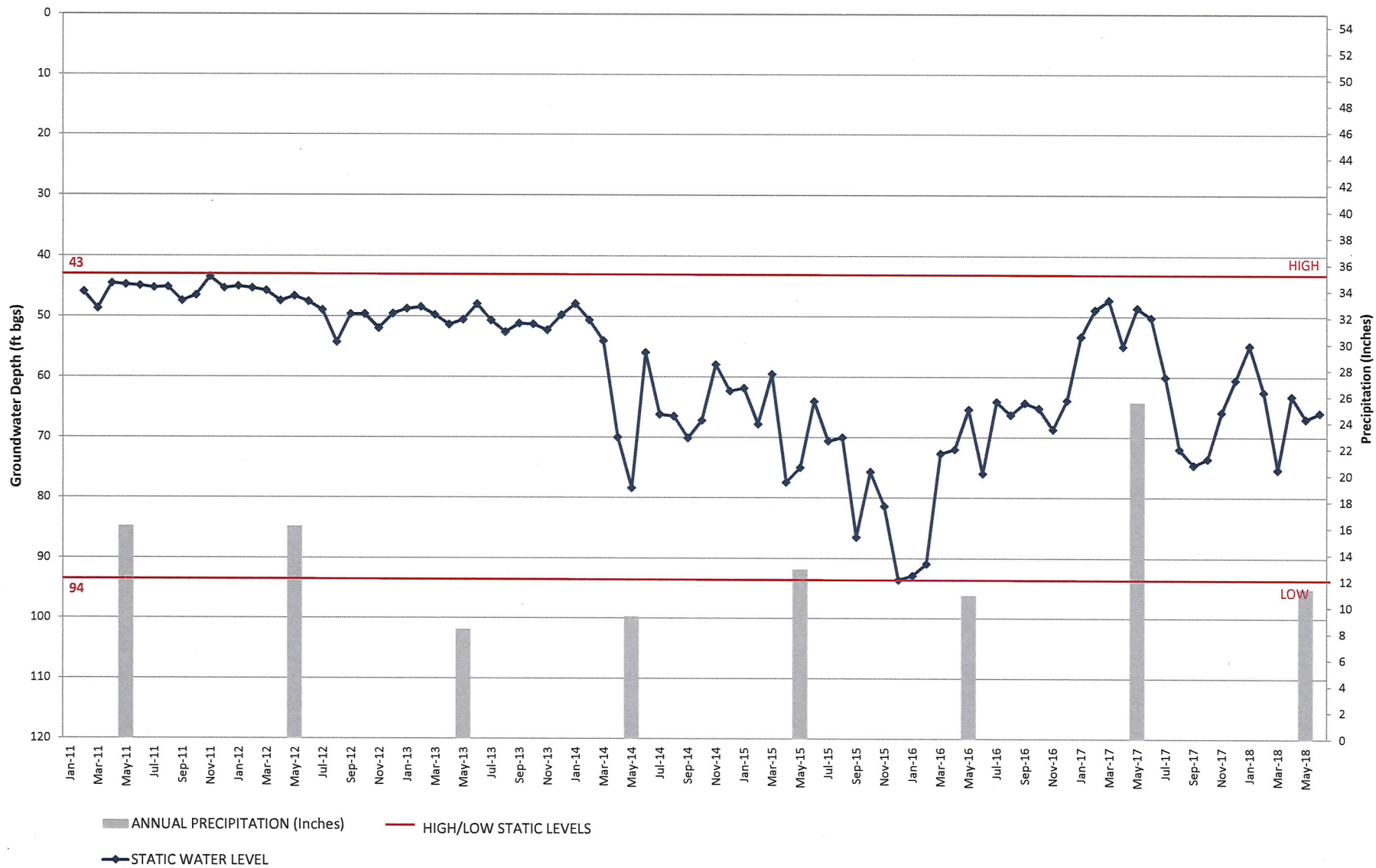
NWD CASTAIC WELL 7
STATIC WATER LEVEL vs PRECIPITATION



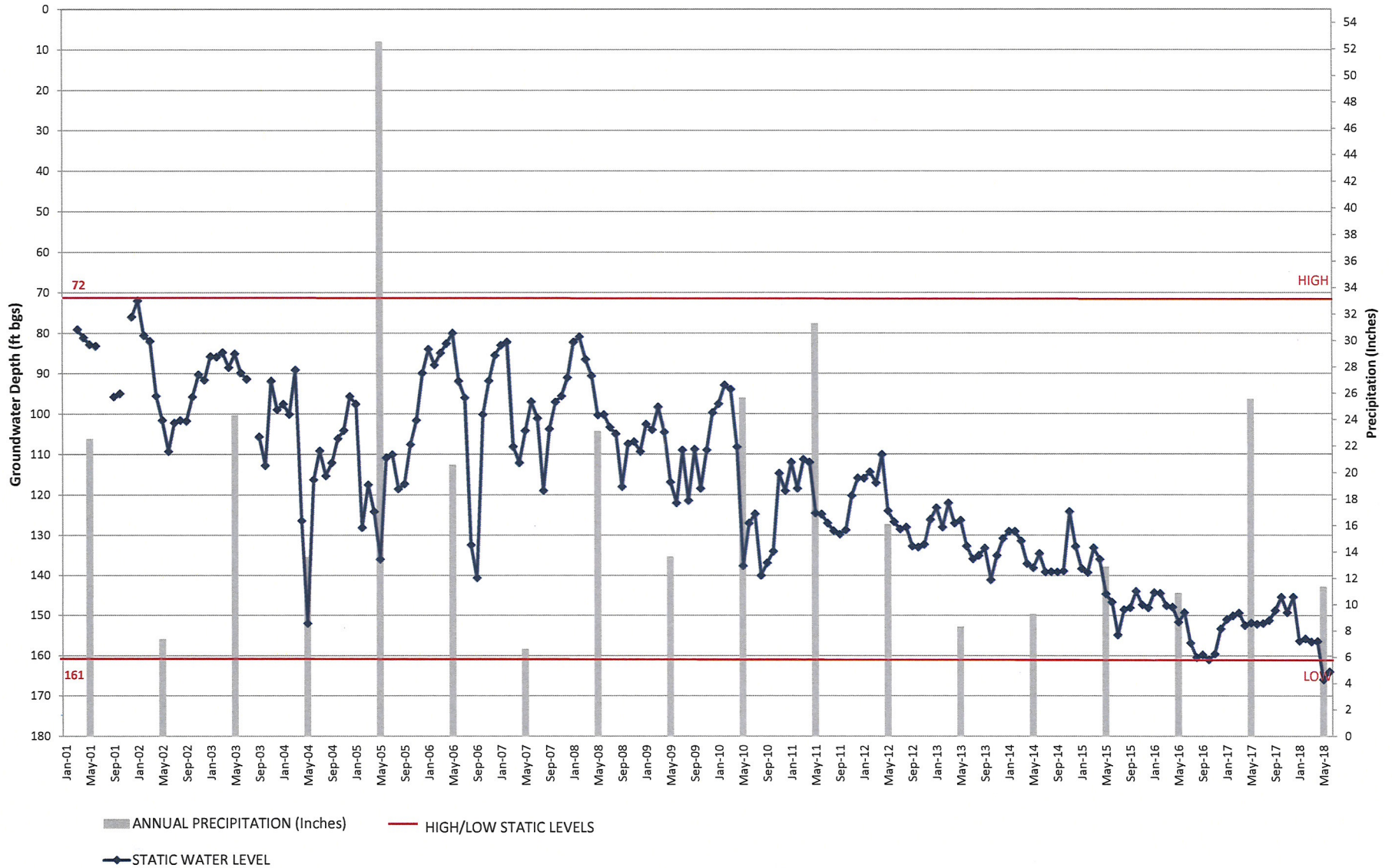
VWD WELL D
 STATIC WATER LEVEL vs PRECIPITATION



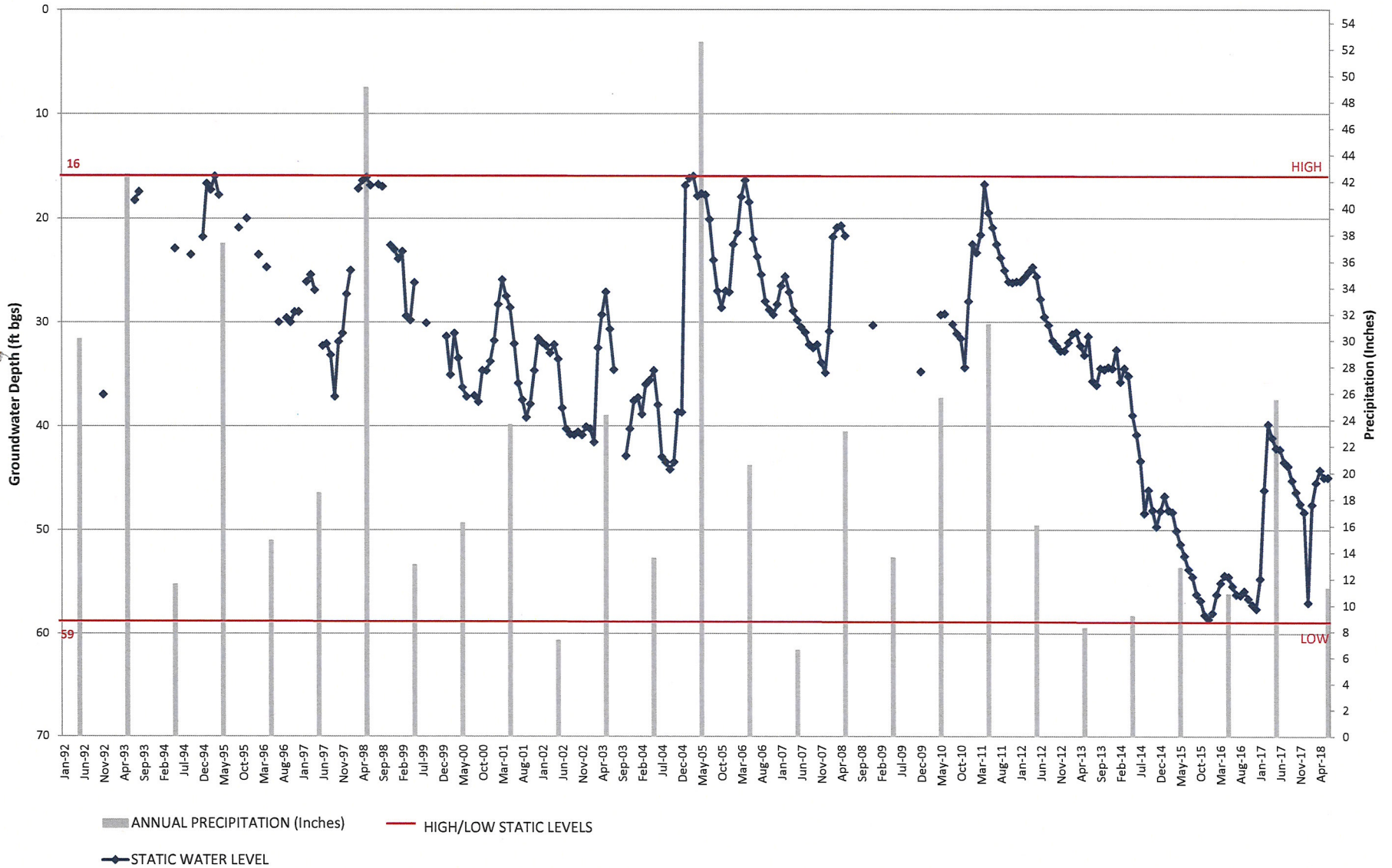
VWD WELL 207
 STATIC WATER LEVEL vs PRECIPITATION



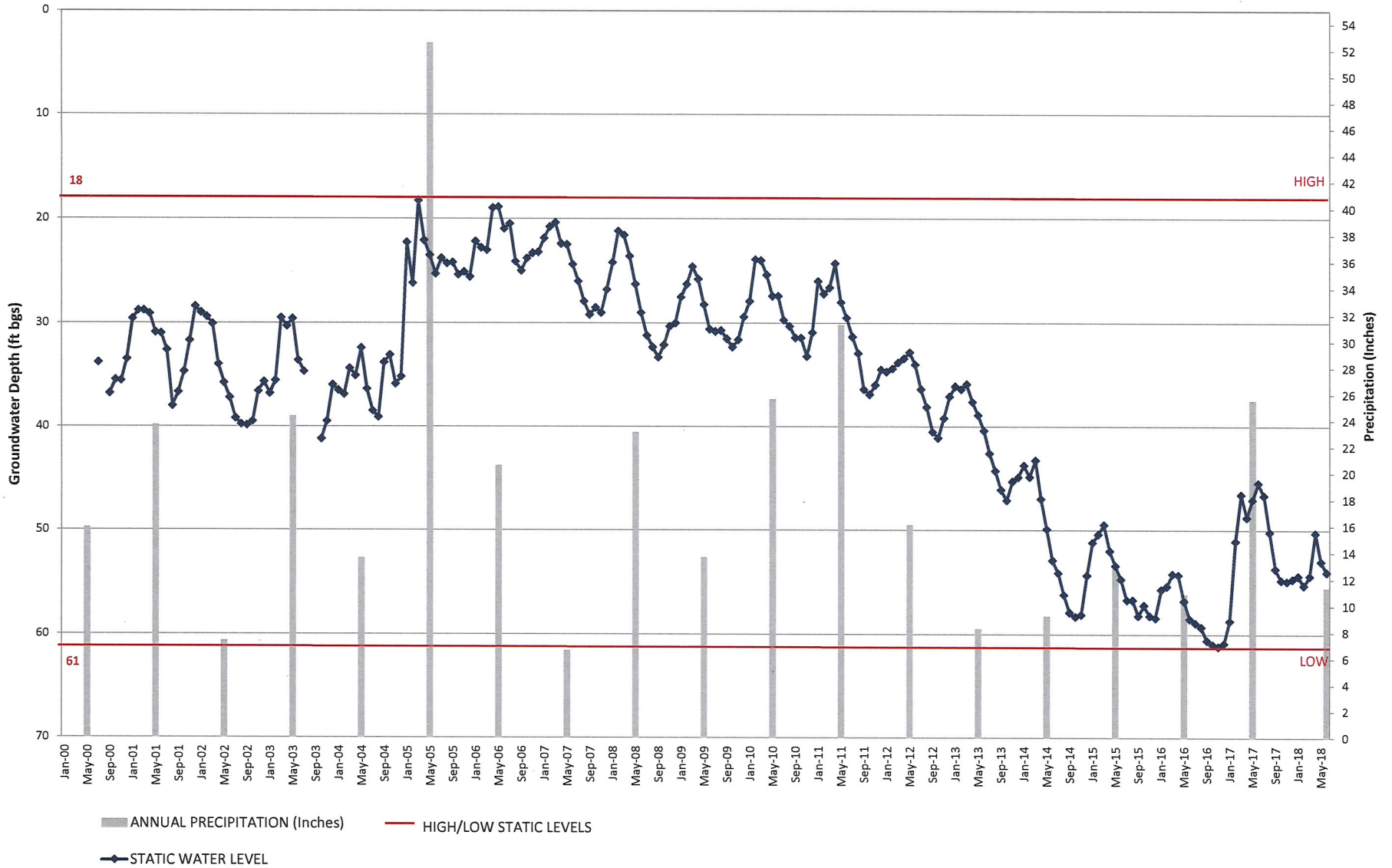
VWD WELL 205 STATIC WATER LEVEL vs PRECIPITATION



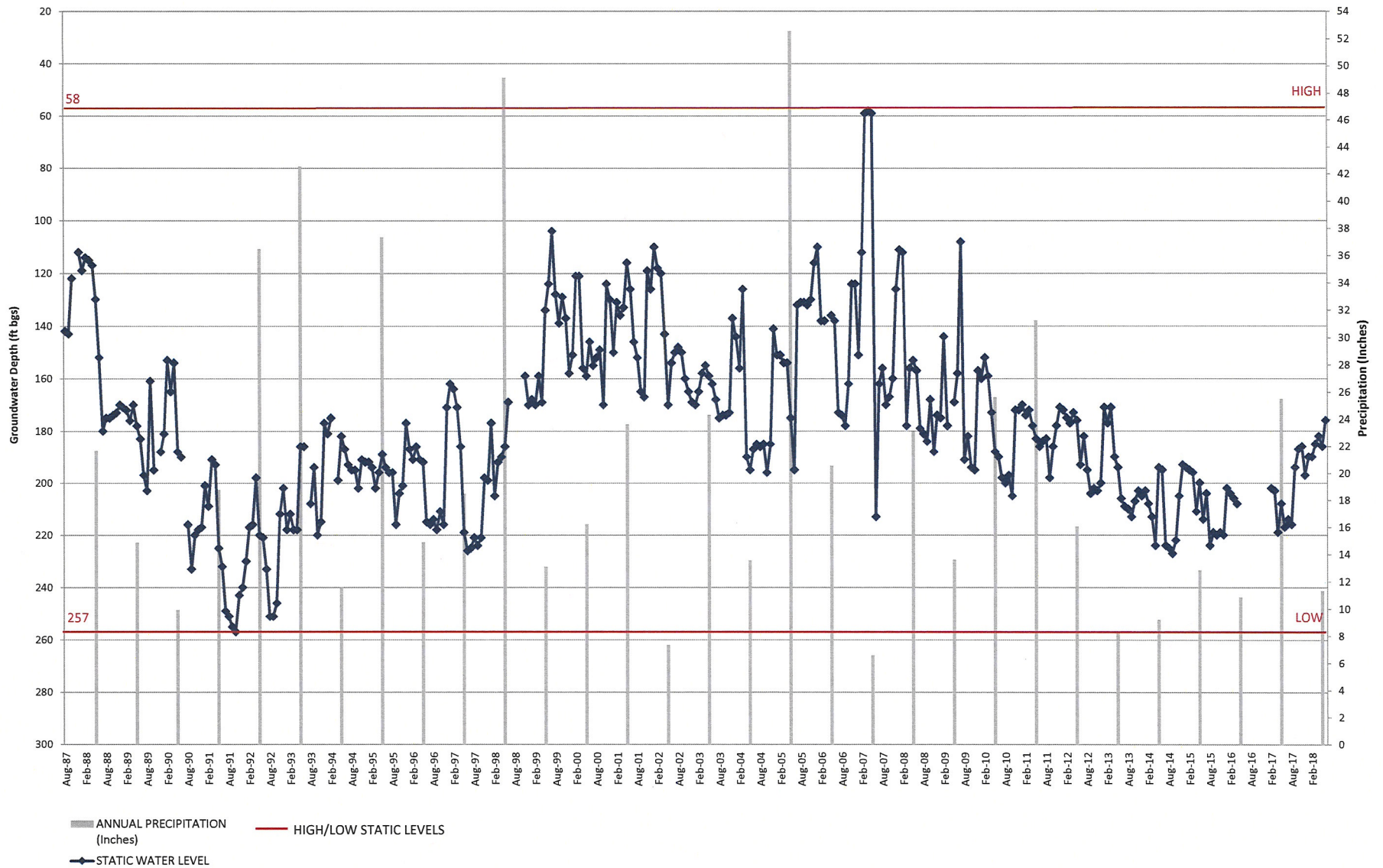
VWD WELL W9
 STATIC WATER LEVEL vs PRECIPITATION



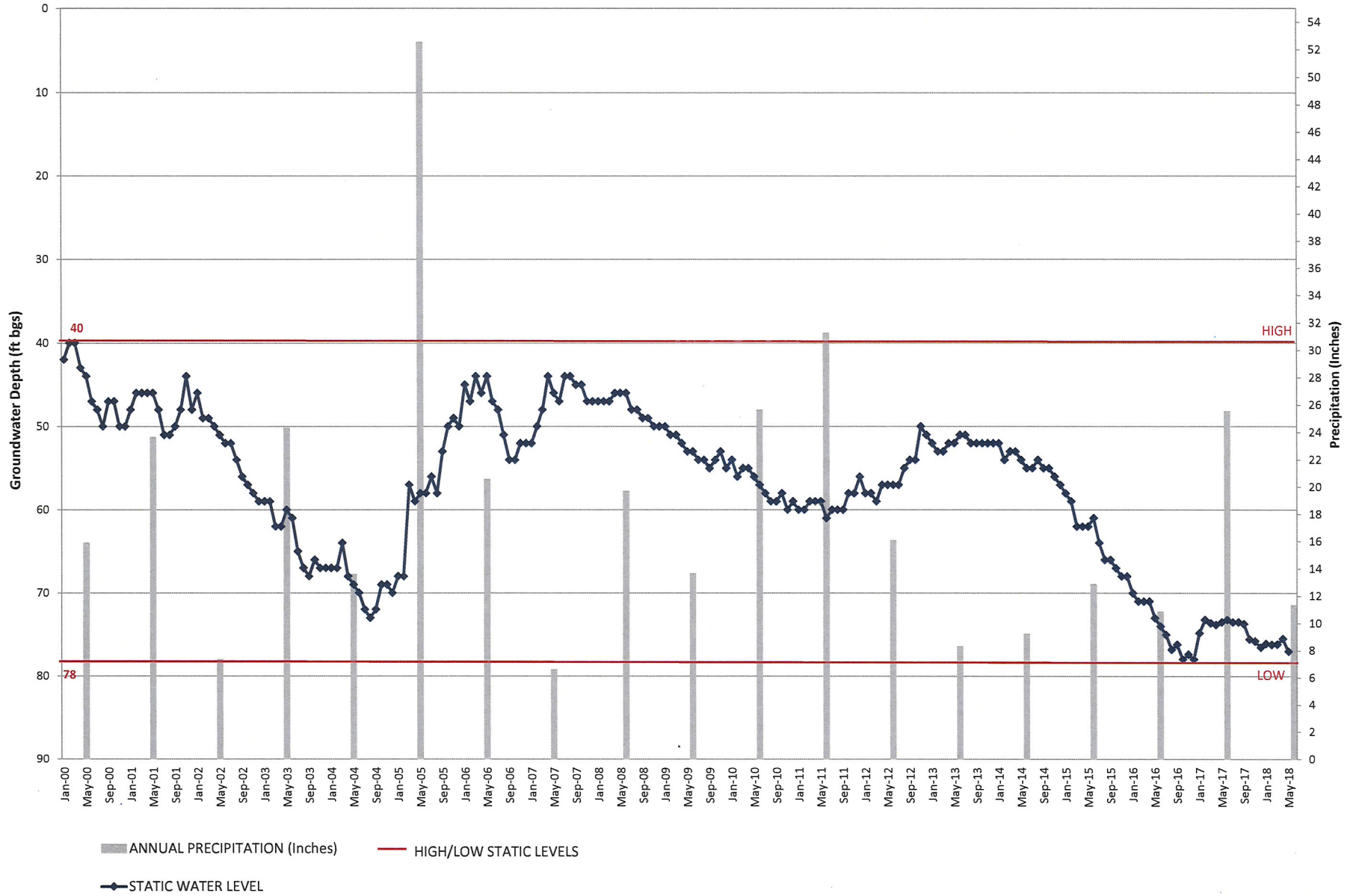
VWD WELL S7
 STATIC WATER LEVEL vs PRECIPITATION



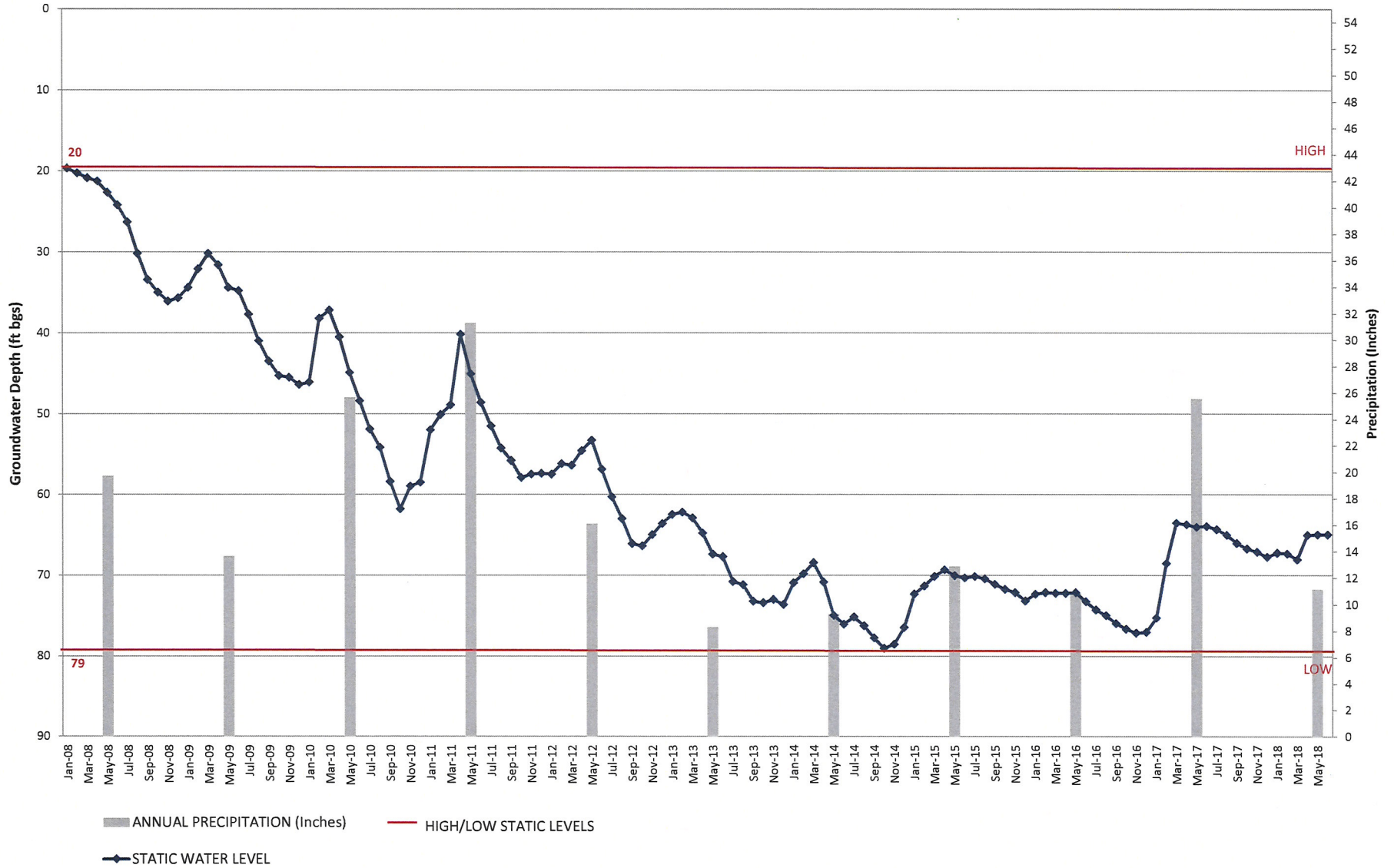
NWD NEWHALL WELL 12
 STATIC WATER LEVEL vs PRECIPITATION



SCWD WELL CLARK #15
 STATIC WATER LEVEL vs PRECIPITATION



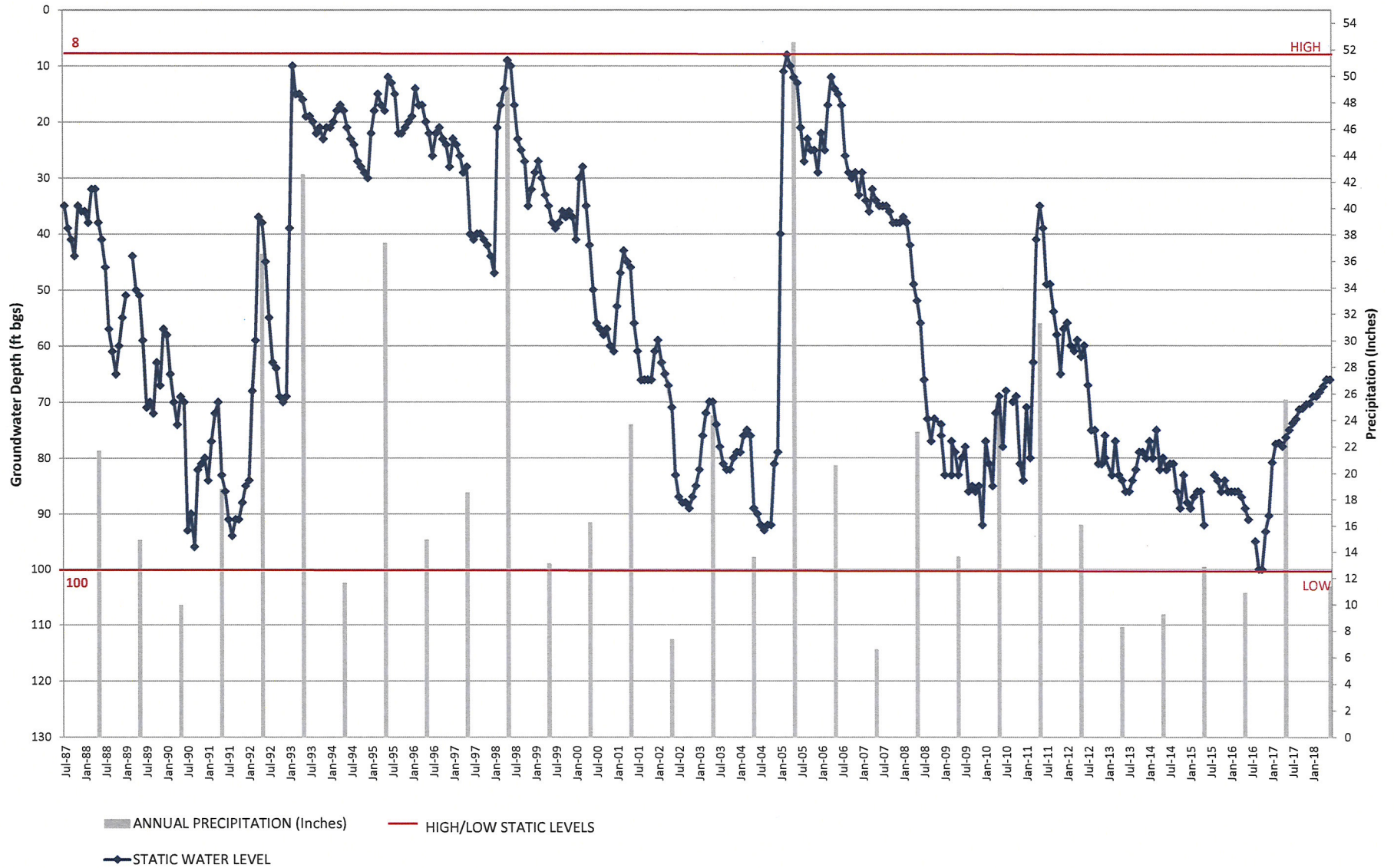
VWD WELL T7
 STATIC WATER LEVEL vs PRECIPITATION



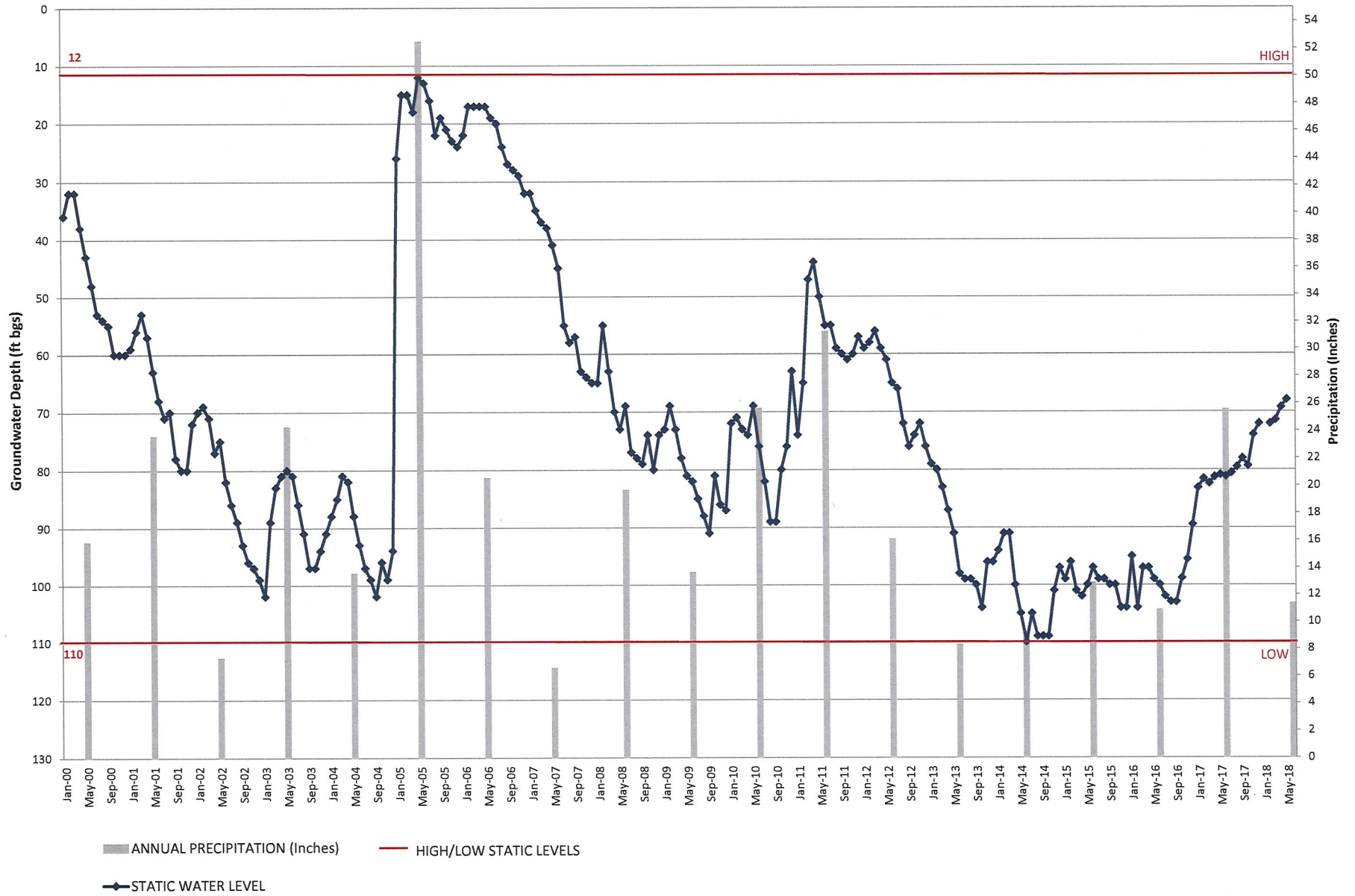
SCWD WELL HONBY #12
 STATIC WATER LEVEL vs PRECIPITATION



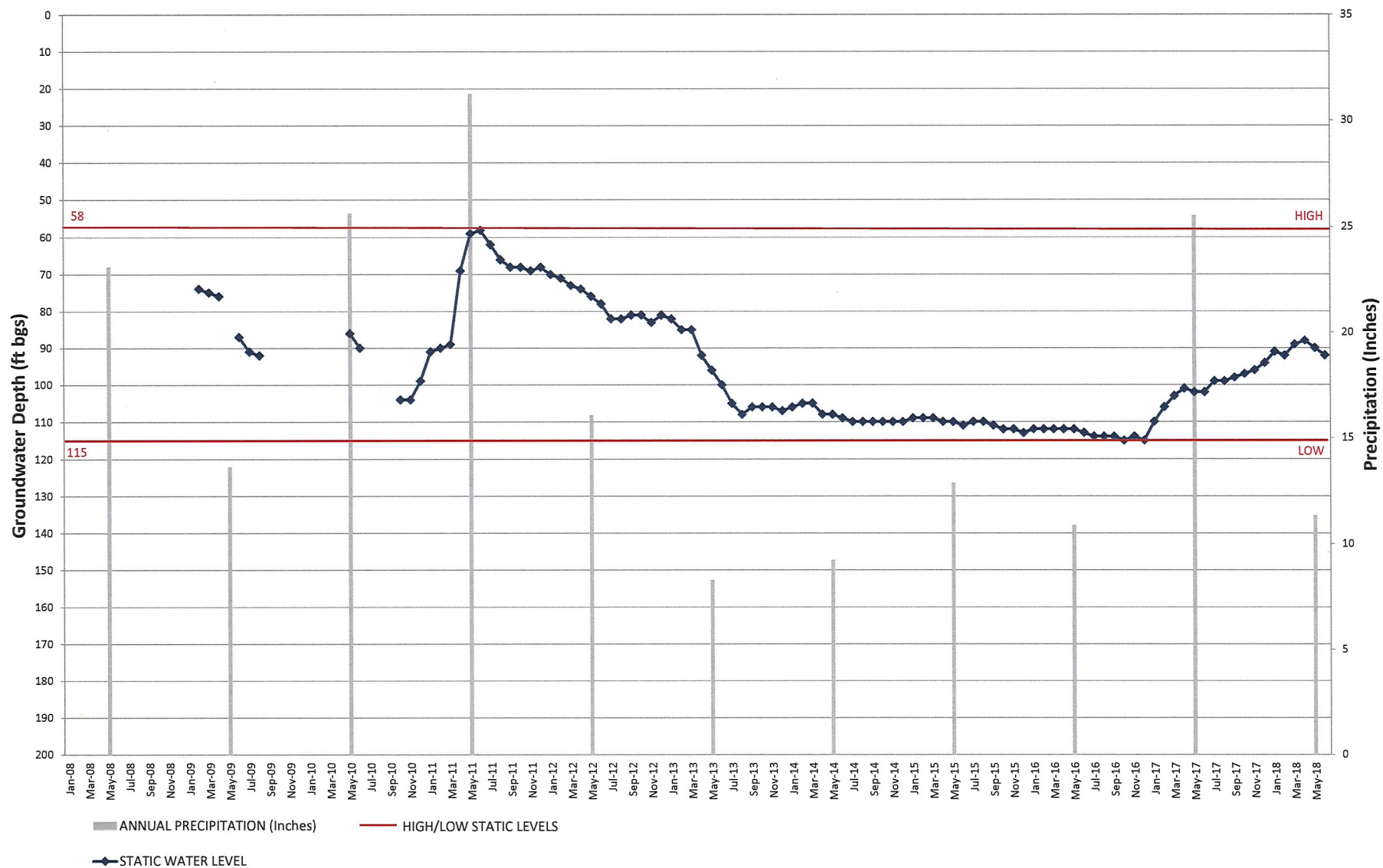
SCWD NORTH OAKS WEST
 STATIC WATER LEVEL vs PRECIPITATION



SCWD WELL LOST CANYON 2A
 STATIC WATER LEVEL vs PRECIPITATION



NWD PINETREE WELL 5
 STATIC WATER LEVEL vs PRECIPITATION



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Santa Clarita Valley Water Agency
Engineering Services Section
Third Party Funded Agreements Quarterly Report
As of July 24, 2018

Project	Third Party Funding Source	Planning, Design, Construction	Contractor Or Consultant	Construction Amount	SCV Water Amount	Status
Active Agreements:						
Skyline Ranch Tract 60922-01 Backbone Pipelines	Pardee Homes	Construction	Mesa Engineering, Inc.	\$1,417,928	\$142,000	In Construction
Skyline Ranch Tract 60922-01 Planning Areas C & D Pipelines	Pardee Homes	Construction	Staats Construction	\$533,300	\$53,330	In Construction
Skyline Ranch Tract 60922-01 Planning Areas A&B & PA-01	Pardee Homes	Construction	Mesa Engineering, Inc	\$675,824	\$67,600	In Construction
Skyline Ranch Tract 60922-01 Planning Areas E1 & F	Pardee Homes	Construction	Mesa Engineering, inc	\$707.700	\$70.700	In Construction
College of the Canyons Valencia Campus Parking Structure – Water Line Improvements	Santa Clarita Community College District	Design & Construction	R.C. Becker & Son	\$370,575	\$129,000	In Construction
Vista Canyon Tract 69164 Phase 1A Potable and Recycled Pipelines	Vista Canyon LLC	Construction	Mesa Engineering, Inc	\$673,532	\$67,400	In Construction
Vista Canyon Tract 69164 Phase 2 Potable and Recycled Pipelines	Vista Canyon LLC	Planning & Design	Civiltec Engineering, Inc.	N/A	\$113,050	Planning Phase in progress
Pending Agreements:						
Mission Village – Well 206/207 Pipeline Relocation	FivePoint	Construction	FivePoint	TBD	TBD	FivePoint is reviewing the Agreement
Mission Village – Pipe Connection at Sky View Lane / The Old Road	FivePoint	Construction	FivePoint	TBD	TBD	FivePoint is reviewing the Agreement
Mission Village – Temporary bypass pipeline (Magic Mountain Parkway)	FivePoint	Construction	FivePoint	TBD	TBD	FivePoint is reviewing the Agreement
Demineralization Facility – Fire Hydrant	FivePoint	Construction	FivePoint	TBD	TBD	FivePoint is reviewing the Agreement
Plum Canyon Tract 46018-11 Pump Station ((Civil/Mechanical)	Toll Brothers	Construction	TBD	\$610,000 (estimated)	\$61,000	Design completed. Toll Brothers is reviewing Agreement
Skyline Ranch Tract 60922-01 Tanks	Pardee Homes	Construction	TBD	\$3,000,000 (estimated)	TBD	Design is 60% complete

**Santa Clarita Valley Water Agency
Capital Improvement Projects (CIP) Construction Status Report
As of July 24, 2018**

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
Foothill Feeder Turnout	GSE Construction	\$2,691,300	\$88,127	2.3%	\$2,779,427	March 31, 2019	68%	All site work complete. Final electrical wire and cabinet installation in progress. Electrical and loop testing scheduled for August 2018. The 36" wafer check valve will be installed in October 2018. Connections to MWD and SCVWA lines scheduled for February 2019.
RV-2 Modifications	Environmental Construction	\$2,089,672	80,274	3.8%	\$2,169,946	May 30, 2018	100%	All work is complete. Project close out in progress.
ESIPS Pipeline Improvements	Pacific Hydrotech	\$3,083,100	\$0	0%	\$3,083,100	June 15, 2018	99%	All work is complete. Project close out in progress.
ESFP Clearwell / CT Improvements	Clark Brothers	\$5,623,745	(\$13,103.63)	(0.23%)	\$5,610,641.37	August 20, 2018	75%	Contractor completed the roof slab. Miscellaneous metals, gates, weirs, and electrical work is underway.
Pipeline Improvements for Newhall Ranch Road Bridge Widening	Staats Construction	\$24,591	\$0	0%	\$24,591	TBD	80%	Relocation of two fire hydrants and installation of irrigation service have been completed. Design plans to relocate one additional fire hydrant is being coordinated with the City.
Well E-17 and Water Improvements	Staats Construction, Padilla Electric, and General Pump	\$571,734	\$0	0%	\$571,734	TBD	15%	The well pipeline plans are being revised to incorporate staff's comments.

**Engineering and Operations Committee
Planning Calendar
FY 2018/19**

**ITEM NO.
7**

	Item	PowerPoint Presentation (Y/N/Length)	July 3 Board CANCELLED	July 5 Comm CANCELLED	Aug 2 Comm	Aug 7 Board	Sept 4 Board	Sept 6 Comm	Oct 2 Board	Oct 4 Comm	Nov 1 Comm	Nov 6 Board	Dec 4 Board	Dec 6 Comm	Jan 1 Board	Jan 3 Comm	Feb 5 Board	Feb 7 Comm	March 5 Board	March 7 Comm	April 2 Board	April 4 Comm	May 2 Comm	May 7 Board	June 4 Board	June 6 Comm	July 2 Board
1	Monthly Committee Planning Calendar	None			P			P		P	P			P		P		P		P		P	P			P	
2	CIP Construction Status Report	None			P			P		P	P			P		P		P		P		P	P			P	
3	Monthly Operations and Production Report	None			P			P		P	P			P		P		P		P		P	P			P	
4	Third Party Funded Agreements Quarterly Report	None			P						P							P					P				
5	Quarterly Safety Program Presentation	Yes 10 mins			P		P				P		P					P	P				P		P		
6	Recommend Approval of Construction Contract Funding and a Work Authorization for Inspection Services for Magic Mountain Pipeline No. 4	TBD			P		P																				
7	Update on Community Workforce Agreement	TBD			P		P	P	P																		
8	Recommend Approval of a Change Order to Contract with GSE Construction to Increase Budget for Foothill Feeder Construction	TBD						P	P																		
9	Recommend Approval of a Change Order to Contract with Vali Cooper to increase budget for Foothill Feeder Construction Mangement Services	TBD						P	P																		
10	Recommend Approval of a Work Authorization for TBD for final design of the Magic Mountain Pipeline No. 6	TBD								P		P															
11	Recommend approval of a Work Authorization for TBD for Engineering Services for VOC Response Action/NCP	TBD								P		P															
12	Recommend Approval of Resolution Awarding Construction Contract to TBD to Recoat Exterior of Catala No. 4 Tank	TBD								P		P															
13	Recommend Approval of Resolution Awarding Construction Contract to TBD to Recoat Roof Interior of Honby Tank #1	TBD								P		P															
14	Recommend Approval of a Work Authorization for TBD for final design of the Magic Mountain Reservoir	TBD									P		P														
15	Recommend Approval of a Work Authorization for TBD for final design of the Replacement Wells Pipeline/Infrastructure	TBD									P		P														
16	Recommend Approval of a Work Authorization for TBD for final design of the Replacement Wells (Wells only)	TBD									P		P														

C = Completed Item
P = Planned Item

**Engineering and Operations Committee
Planning Calendar
FY 2018/19**

	Item	PowerPoint Presentation (Y/N/Length)	July 3 Board CANCELLED	July 5 Comm CANCELLED	Aug 2 Comm	Aug 7 Board	Sept 4 Board	Sept 6 Comm	Oct 2 Board	Oct 4 Comm	Nov 1 Comm	Nov 6 Board	Dec 4 Board	Dec 6 Comm	Jan 1 Board	Jan 3 Comm	Feb 5 Board	Feb 7 Comm	March 5 Board	March 7 Comm	April 2 Board	April 4 Comm	May 2 Comm	May 7 Board	June 4 Board	June 6 Comm	July 2 Board
17	Recommend Approval of Resolution Authorizing SCVWA to Execute Consolidation and Water Service Agreement, and Financing Agreement for Construction of Pipeline to the Los Angeles Residential Community	TBD									P	P															
18	Recommend Approval of Resolution Awarding Construction Contract to TBD for Pipeline to the Los Angeles Residential Community	TBD									P	P															
19	Recommend approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Tank	TBD									P	P															
20	Recommend approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Pipelines	TBD												P	P												
21	Recommend Approval of Resolution Awarding Construction Contract to TBD for New Intertie and Pressure Regulating Station with Newhall County Water District at Gary Street	TBD												P	P												
22	Recommend Approval of Resolution Awarding Construction Contract to TBD for Washwater Return and Sludge Systems Project	TBD														P	P										
23	Recommend Approval of Resolution Awarding Construction Contract to TBD for West Ranch Recycled Water Main Extension (Phase 2D) Project	TBD														P	P										
24	Recommend Approval of Construction Contract Funding and a Work Authorization for Inspection Services for Magic Mountain Pipeline No. 5	TBD																P	P								
25	Recommend Approval of Resolution Awarding Construction Contract to TBD for Pipeline in Rainbow Glen Drive	TBD																P	P								
26	Recommend Approval of Construction of a New 2.5 MG Deane Tank and Cost Sharing Agreement with Developer	TBD																P	P								
27	Recommend Approval of Construction of a New Deane Zone Pump Station and Cost Sharing Agreement with Developer	TBD																P	P								
28	Recommend Approval of Construction Contract Funding and a Work Authorization for Inspection Services for Magic Mountain Pipeline No. 6	TBD																		P	P						
29	Recommend Approval of a Work Authorization for final design of the Recycled Water Central Park (Phase 2A) Project	TBD																				P		P			

C = Completed Item
P = Planned Item

**Engineering and Operations Committee
Planning Calendar
FY 2018/19**

	Item	PowerPoint Presentation (Y/N/Length)	July 3 Board CANCELLED	July 5 Comm CANCELLED	Aug 2 Comm	Aug 7 Board	Sept 4 Board	Sept 6 Comm	Oct 2 Board	Oct 4 Comm	Nov 1 Comm	Nov 6 Board	Dec 4 Board	Dec 6 Comm	Jan 1 Board	Jan 3 Comm	Feb 5 Board	Feb 7 Comm	March 5 Board	March 7 Comm	April 2 Board	April 4 Comm	May 2 Comm	May 7 Board	June 4 Board	June 6 Comm	July 2 Board
30	Recommend Approval of a Work Authorization for TBD for final design of the Groundwater Treatment Improvements (VOC Treatment)	TBD																				P		P			