



Date: September 23, 2020

To: **Engineering and Operations Committee**
William Cooper, Chair
Ed Colley
Robert DiPrimio
Jeff Ford
Gary Martin
Lynne Plambeck

From: Courtney Mael, Chief Engineer *CM*
Keith Abercrombie, Chief Operating Officer *KA*

The **Engineering and Operations Committee** is scheduled to meet via teleconference on **Thursday, October 1, 2020 at 5:30 PM**, dial in information is listed below.

**TELECONFERENCE ONLY
NO PHYSICAL LOCATION FOR MEETING**

TELECONFERENCING NOTICE

Pursuant to the provisions of Executive Order N-29-20 issued by Governor Gavin Newsom on March 17, 2020, any Director may call into an Agency Committee meeting using the Agency's **Call-In Number 1-877-309-2073, Access Code 605-121-869,** **or GoToMeeting by clicking on the link <https://global.gotomeeting.com/join/605121869>** without otherwise complying with the Brown Act's teleconferencing requirements.

Pursuant to the above Executive Order, the public may not attend the meeting in person. Any member of the public may listen to the meeting or make comments to the Committee using the call-in number or GoToMeeting link above. Please see the notice below if you have a disability and require an accommodation in order to participate in the meeting.

We request that the public submit any comments in writing if practicable, which can be sent to **egallo@scvwa.org** or mailed to **Elizabeth Gallo, Administrative Analyst**, Santa Clarita Valley Water Agency, 26521 Summit Circle, Santa Clarita, CA 91350. All written comments received before 4:00 PM the day of the meeting will be distributed to the Committee members and posted on the Santa Clarita Valley Water Agency website prior to the meeting. Anything received after 4:00 PM the day of the meeting will be posted on the SCV Water website the following day.

MEETING AGENDA

<u>ITEM</u>		<u>PAGE</u>
1.	Public Comments – Members of the public may comment as to items not on the Agenda at this time. Members of the public wishing to comment on items covered in this Agenda may do so now or at the time each item is considered. (Comments may, at the discretion of the Committee Chair, be limited to three minutes for each speaker.)	
2. *	Recommend Approval of a Resolution Awarding a Material Purchase Contract for the Valley Center Well PFAS Groundwater Treatment Project with Evoqua Water Technologies	1
3. *	Monthly Operations and Production Report	13
4. *	Capital Improvement Projects Construction Status Report	71
5. *	Committee Planning Calendar	73
6.	General Report on Treatment, Distribution, Operations and Maintenance Services Section Activities	
7.	General Report on Engineering Services Section Activities	
8.	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 Elizabeth Gallo, Administrative Analyst, at (661) 259-2737, or in 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, CA 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 September 24, 2020.

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COMMITTEE MEMORANDUM

DATE: September 21, 2020

TO: Engineering and Operations Committee

FROM: Courtney Mael, P.E. *CM*
Chief Engineer

SUBJECT: Recommend Approval of a Resolution Awarding a Material Purchase Contract for the Valley Center Well PFAS Groundwater Treatment Project with Evoqua Water Technologies

SUMMARY

SCV Water (Agency) is planning to construct treatment improvements to treat per- and polyfluoroalkyl substances (PFAS) at its Valley Center Well. The Board of Directors authorized final design services at the August 4, 2020 Board meeting and design is in-progress. The next step is to acquire long lead material items. It is anticipated that some of the treatment equipment including the treatment vessels may take up to approximately 8 months for fabrication and delivery. As a result, staff is recommending the purchase of these long lead materials prior to construction to return the Valley Center Well to service as soon as possible. Staff is recommending approval of a material purchase contract to Evoqua Water Technologies.

DISCUSSION

Valley Center Well is located at 26715 Valley Center Drive west of Golden Valley Road and borders the Santa Clara River. The well was constructed between 2009 and 2010 and produces 1,200 gallons per minute (gpm) of potable water.

The proposed PFAS treatment uses Ion Exchange technology which includes cartridge pre-filters and treatment vessels that will capture and remove PFAS to non-detect limits before entering the distribution system. The treatment vessels are anticipated to potentially take up to approximately 8 months for fabrication and delivery.

The material bid solicitation was advertised in accordance with the Agency’s Purchasing Policy, with notices in *The Signal* on three different dates and on the Agency’s website. On September 2, 2020 two bids were received and a summary of the bids is presented below:

Bidder	Bidder Office Location	Total Bid Price
Evoqua Water Technologies	La Mirada, CA	\$ 512,802
Calgon Carbon Corporation	Moon Township, PA	\$ 564,610

The apparent lowest responsive bid is from Evoqua Water Technologies for a total of \$512,802. The engineer’s estimate for the project is \$500,000. Evoqua Water Technologies is registered with the Department of Industrial Relations and has supplied vessels to the Agency in the past.

CEQA DETERMINATION

The proposed action today is authorizing the purchasing of treatment vessels for PFAS treatment at the Valley Center Well project. The whole of the action also includes construction and operation of the project. The term "project" in CEQA refers to the whole of an action and to the underlying activity being approved, not to each governmental approval. (CEQA Guideline §15378(a), (c)–(d).) This definition ensures that the action reviewed under CEQA is not the approval itself but the development or other activities that will result from the approval.

Based on 90% final design, the project construction is a minor alteration limited to construction within the Agency's existing facility property, construction and operation of this project is found to be categorically exempt under the provisions of CEQA and the State CEQA Guidelines as described below:

- The project, aka the whole of the action, qualifies for an exemption under CEQA guidelines section 15301 Class 1 Minor Alterations to Existing Facilities because it is a minor alteration of an existing public facility and it concerns proposed new mechanical equipment involving negligible or no expansion of use, i.e. no additional extraction of water, beyond that existing at the time of the lead agency's determination.
- The project, aka the whole of the action, also qualifies for an exemption under CEQA guidelines section 15303 Class 3 New Construction or Conversion of Small Structures because the project construction is limited to construction within SCV Water's existing facility property.
- None of the exceptions listed in Section 15300.2 of the CEQA Guidelines would apply to the action. In particular, a biological resources survey was conducted, and no special status species were observed. Based on discharge rate and duration, the well discharge will not create flowing water in the river sufficient to reach the closest unarmored three spine stickleback occupied habitat downstream. This finding is supported by the biological resources assessment prepared for the project.

FINANCIAL CONSIDERATIONS

The Project is included in the Agency's FY 2020/21 Capital Improvement Budget for the Valley Center Well PFAS Groundwater Treatment Improvements Project. The Project's total estimated cost, including planning, design, construction management, construction, inspection and miscellaneous costs, is \$4,900,000. Evoqua Water Technologies bid is \$512,802.

As previously approved by the Board of Directors, the first ten million for all of SCV Water's PFAS Capital Projects will be paid from 2020A bond funds and after ten million is expended then the PFAS Projects will be paid on a pay-go-basis. Currently, \$6,123,000 has been expended from the ten million for all the PFAS Projects. In addition, the Agency is actively seeking grant funding to offset project costs.

RECOMMENDATION

That the Engineering and Operations Committee recommends that the Board of Directors approve the attached resolution for a materials contract with Evoqua Water Technologies in an amount of \$512,802 for the Valley Center Well PFAS Groundwater Treatment Improvements Project and file a Notice of Exemption for the proposed action.

Attachments

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RESOLUTION NO. _____

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA CLARITA VALLEY WATER AGENCY
AWARDING A CONTRACT TO
EVOQUA WATER TECHNOLOGIES FOR THE
VALLEY CENTER WELL PFAS GROUNDWATER TREATMENT
MATERIALS PURCHASE PROJECT**

WHEREAS, Santa Clarita Valley Water Agency (Agency) determined that Per- and polyfluoroalkyl substances (PFAS) are a threat to the Agency's groundwater resources; and

WHEREAS, the Valley Center Well Groundwater Treatment Project is an important component to treat PFAS; and

WHEREAS, SCV Water, as a CEQA Responsible Agency, filed a Notice of Exemption with the Los Angeles County Clerk's Office and the State Clearinghouse on August 10, 2020 and there are no substantial changes to the project, and

WHEREAS, the project, aka the whole of the action, qualifies for an exemption under CEQA guidelines section 15301 Class 1 Minor Alterations to Existing Facilities because it is a minor alteration of an existing public facility and it concerns proposed new mechanical equipment involving negligible or no expansion of use, i.e. no additional extraction of water, beyond that existing at the time of the lead agency's determination; and

WHEREAS, the project, aka the whole of the action, also qualifies for an exemption under CEQA guidelines section 15303 Class 3 New Construction or Conversion of Small Structures because the project construction is limited to construction within SCV Water's existing facility property; and

WHEREAS, none of the exceptions listed in Section 15300.2 of the CEQA Guidelines would apply to the action. In particular, a biological resources survey was conducted, and no special status species were observed. Based on discharge rate and duration, the well discharge will not create flowing water in the river sufficient to reach the closest unarmored three spine stickleback occupied habitat downstream. This finding is supported by the biological resources assessment prepared for the project; and

WHEREAS, no further CEQA documentation is necessary for the Board to act with regards to the proposed actions; and

WHEREAS, all bid proposals submitted to the Agency pursuant to the Agency's specifications (Project No. 200602F) for procurement of the Valley Center Well PFAS Groundwater Treatment Materials Purchase Project, as amended by Addenda, were publicly opened electronically on the Agency's bid website page on PlanetBids on Wednesday, September 2, 2020 at 2:00 p.m., in full accordance with the law and the Agency's customary procedures; and

WHEREAS, the Board of Directors finds, after considering the opinion of staff, that the total bid of Evoqua Water Technologies in the amount of \$512,802 is the lowest

responsible bid of two bids submitted, and that said bid substantially meets the requirements of said construction contract documents as amended by Addenda; and

WHEREAS, it is in the Agency's best interest that the Board of Directors, on behalf of the Agency, authorize its General Manager to accept the \$512,802 bid.

NOW, THEREFORE, BE IT RESOLVED that the Agency's Board of Directors does authorize its General Manager to accept said low bid and does therefore authorize the Agency's General Manager or its Chief Engineer to issue a Notice of Award to Evoqua Water Technologies, hereby found to be the "lowest responsible bidder" for the Valley Center Well PFAS Groundwater Treatment Materials Purchase Project for the total sum of \$512,802.

RESOLVED FURTHER that the Agency's General Manager or its President and Secretary are thereupon authorized, upon receipt of appropriate payment and performance bonds, appropriate certificates of insurance and an executed Contract Agreement from Evoqua Water Technologies, all of which must be approved by General Counsel, to execute the said Contract Agreement on behalf of the Agency.

RESOLVED FURTHER that the Agency's General Manager or Chief Engineer are thereafter authorized to execute and forward to Evoqua Water Technologies an appropriate Notice to Proceed.

President

I, the undersigned, hereby certify: That I am the duly appointed and acting Secretary of the Santa Clarita Valley Water Agency, and that at a regular meeting of the Board of Directors of said Agency held on October 20, 2020, the foregoing Resolution No. SCV-XXX was duly and regularly adopted by said Board, and that said resolution has not been rescinded or amended since the date of its adoption, and that it is now in full force and effect.

DATED:

Secretary

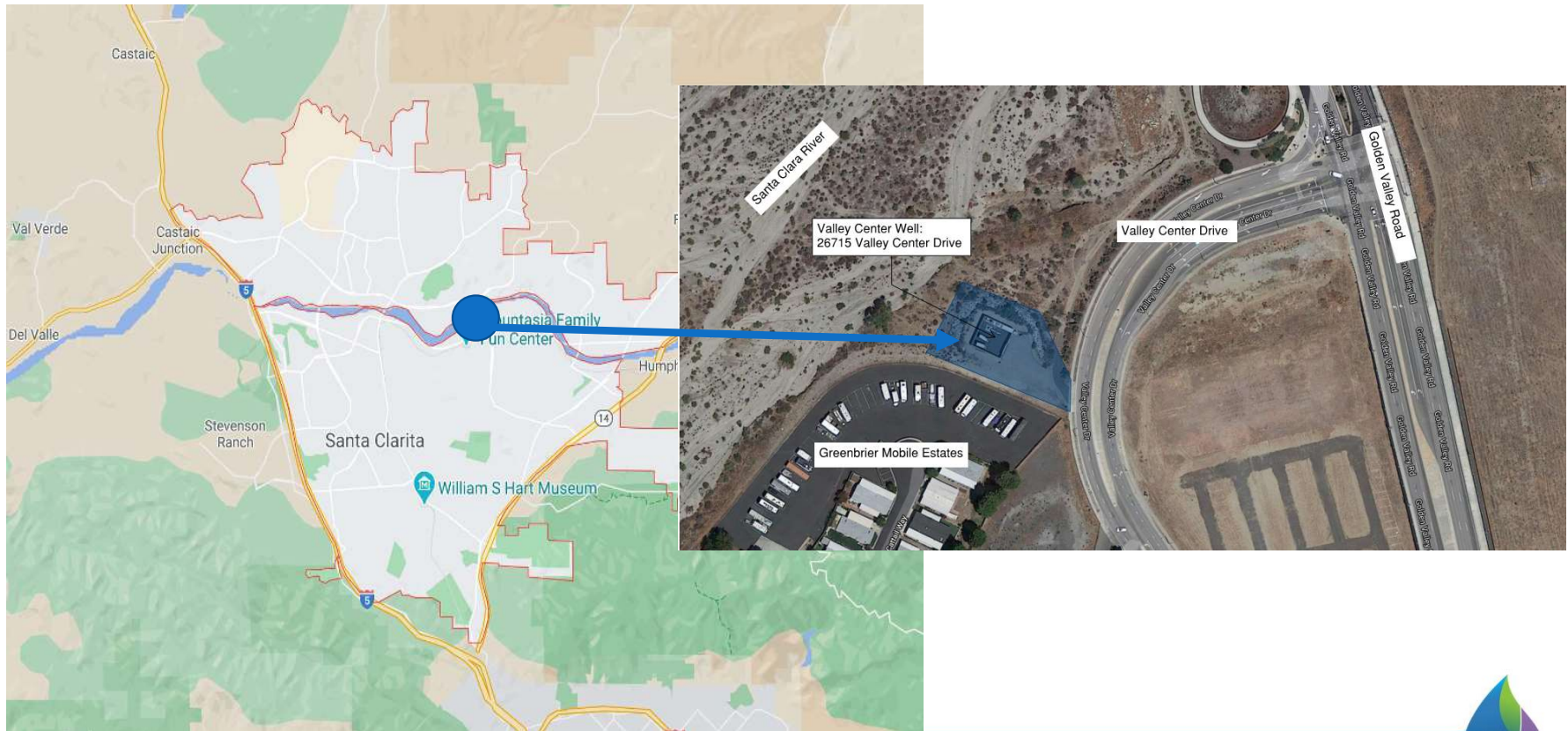


October 1, 2020

Valley Center Well PFAS Groundwater Treatment Project Materials Purchase

Engineering and Operations
Committee Meeting

Valley Center Well PFAS Groundwater Treatment Project Location Map



Valley Center Well PFAS Groundwater Treatment 3-D Rendering



YOURSCVWATER.COM



Valley Center Well PFAS Groundwater Treatment 3-D Rendering



YOURSCVWATER.COM



Valley Center Well PFAS Groundwater Treatment Project Materials Purchase

- Staff advertised project on PlanetBids on August 3rd
- Project was advertised in the Signal Newspaper on August 8th, 12th and 15th
- Bids were electronically opened on September 2nd

Bidder	Bidder Office Location	Total Bid Price
Evoqua Water Technologies	La Mirada, CA	\$512,802
Calgon Carbon Corporation	Moon Township, PA	\$564,610

*Engineer's Estimate \$500,000



Valley Center Well PFAS Groundwater Treatment Materials Purchase Anticipated Project Schedule

- Schedule:
 - ✓ October 1, 2020: Engineering & Operations Committee
 - ✓ October 20, 2020: Board Meeting
 - ✓ November 2020: Issue Notice To Proceed to Evoqua Water Technologies
 - ✓ November 2020 - June 2021: Treatment Vessels Fabrication and Delivery



Valley Center Well PFAS Groundwater Treatment Materials Purchase Project Recommendation

That the Engineering & Operations Committee recommends that the Board of Directors:

- Adopt the resolution awarding a contract to Evoqua Water Technologies for the Valley Center Well PFAS Groundwater Treatment Materials Purchase Project for \$512,802.



Questions



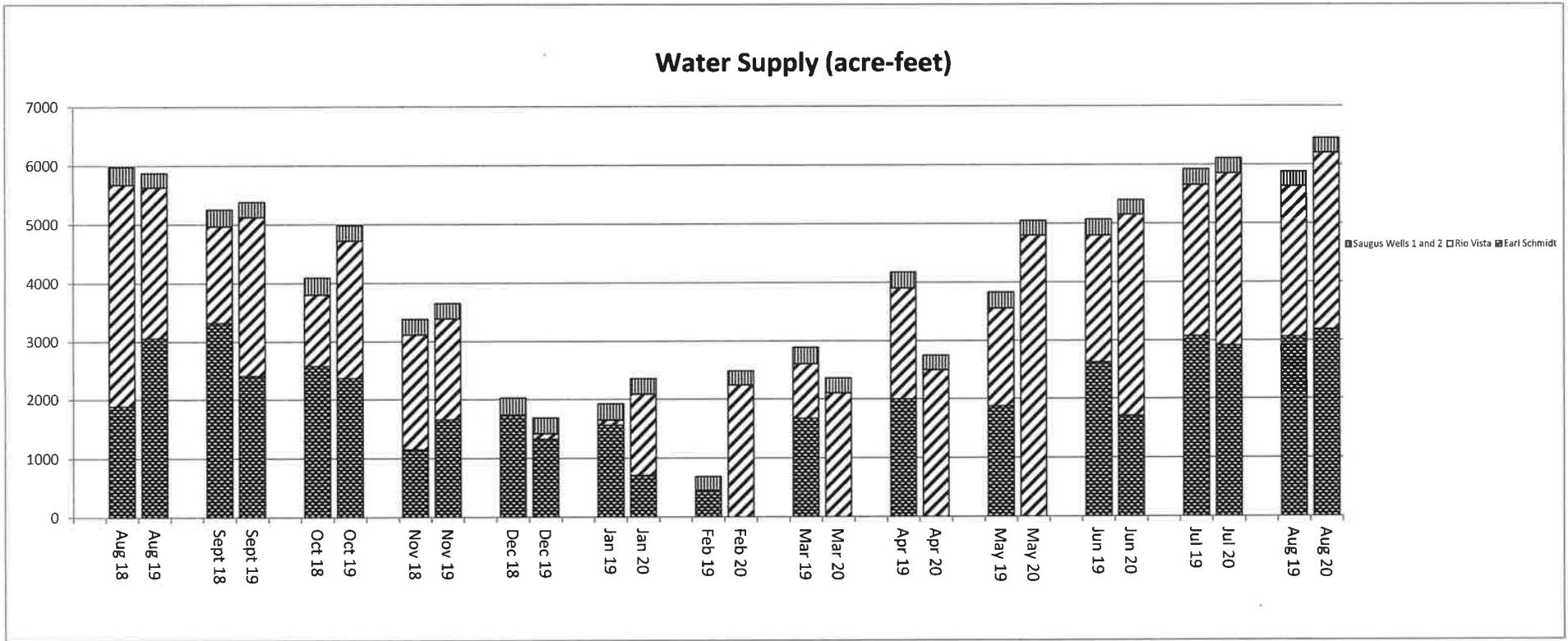


Monthly Operations & Production Report

August 2020

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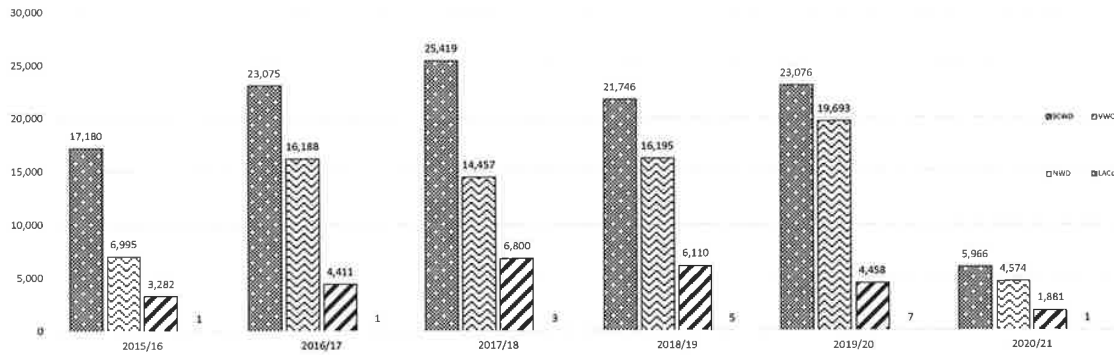
SANTA CLARITA VALLEY WATER AGENCY
 August 2020 Regional Operations Report



Source	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Total
Earl Schmidt	3057	2404	2360	1655	87	708	0	0	0	0	1706	2906	3187	18069.76
Rio Vista	2577	2719	2360	1736	1328	1374	2235	2096	2490	4801	3445	2950	3013	33124.4
Saugus 1 and 2	242	261	263	263	271	265	243	256	253	249	249	251	252	3318.061
Total	5876	5384	4983	3654	1686	2347	2478	2352	2743	5050	5400	6107	6452	54512.23
Total Sold	5779	5316	4879	3651	1715	2270	2411	2309	2660	5004	5336	6048	6373	53751
RVWTP Use/Storage	27.64	27.66	40.42	13.19	-46.25	31.54	55.91	2.55	49	39	35	22	43.68	341.34
Total Use	5806.64	5343.66	4919.42	3664.19	1688.75	2301.54	2466.91	2311.55	2709	5043	5371	6070	6416.68	54092.34
Water Loss	-1.18%	-0.75%	-1.28%	0.28%	-1.02%	-1.94%	-0.45%	-1.72%	-1.24%	-0.14%	-0.54%	-0.61%	-0.55%	-0.86%
Recycled Water	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Total
Valencia	70	64	65	25	2	10	22	8	22	64	70	76	68	566

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

HISTORICAL FY Production 2015-2021



HISTORICAL FY PRODUCTION 2015-2021

2015/16	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	1,731	1,800	1,616	1,629	1,427	1,180	829	1,060	1,165	1,176	1,612	1,935	17,180
VWC	691	773	583	550	547	364	157	366	412	462	715	1,375	6,995
NCWD	347	373	325	278	233	199	148	195	206	250	319	411	3,282
LACo	0	0	0	0	0	0	0	1	0	0	0	0	1
Total	2,769	2,946	2,524	2,455	2,207	1,743	1,134	1,622	1,803	1,888	2,646	3,721	27,458
Cum. FYTD	2,769	5,715	8,239	10,694	12,901	14,644	15,778	17,400	19,203	21,091	23,737	27,458	
2016/17	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,404	2,663	2,368	2,128	1,712	1,377	952	844	1,359	2,040	2,456	2,772	23,075
VWC	1,565	1,640	1,305	1,080	607	620	643	784	1,123	1,728	2,499	2,614	16,188
NCWD	478	467	418	372	293	234	141	109	216	384	604	695	4,411
LACo	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	4,447	4,770	4,091	3,580	2,612	2,231	1,736	1,716	2,699	4,152	5,559	6,081	43,674
Cum. FYTD	4,447	9,218	13,309	16,888	19,501	21,732	23,467	25,184	27,882	32,034	37,593	43,674	
2017/18	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	3,085	3,035	2,589	2,462	1,922	1,955	1,578	1,580	969	1,905	2,076	2,264	25,419
VWC	2,089	1,723	1,184	1,260	966	989	853	676	619	1,160	1,336	1,622	14,457
NCWD	785	856	845	801	640	556	253	275	157	349	473	608	6,800
LACo	0	0	0	0	0	0	0	1	0	0	1	0	3
Total	5,958	5,615	4,619	4,522	3,528	3,481	2,684	2,532	1,746	3,414	3,885	4,695	46,680
Cum. FYTD	5,958	11,573	16,192	20,714	24,242	27,723	30,407	32,939	34,685	38,099	41,984	46,680	
2018/19	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,694	2,816	2,535	2,174	1,882	1,274	1,110	493	1,177	1,770	1,632	2,189	21,746
VWD	1,921	2,026	1,743	1,300	1,084	459	513	232	1,205	1,819	1,701	2,193	16,195
NWD	1,023	1,012	861	537	382	214	181	76	352	428	422	603	6,110
LACo	1	0	0	1	0	0	1	1	1	0	0	0	5
Total	5,639	5,855	5,160	4,011	3,349	1,947	1,805	802	2,735	4,016	3,754	4,985	44,057
Cum. FYTD	5,639	11,494	16,654	20,665	24,014	25,961	27,766	28,567	31,302	35,318	39,072	44,057	
2019/20	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,610	2,743	2,475	2,310	1,845	980	1,207	1,416	1,212	1,368	2,358	2,552	23,076
VWD	2,491	2,518	2,348	2,145	1,528	604	957	762	919	1,066	2,171	2,186	19,693
NWD	721	516	492	422	280	130	188	232	177	226	475	597	4,458
LACo	2	0	0	1	1	1	1	0	0	0	0	0	7
Total	5,823	5,779	5,316	4,879	3,651	1,715	2,353	2,411	2,309	2,660	5,004	5,336	47,234
Cum. FYTD	5,823	11,602	16,918	21,796	25,446	27,162	29,515	31,926	34,235	36,894	41,898	47,234	
2019/20	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
SCWD	2,849	3,117	0	0	0	0	0	0	0	0	0	0	5,966
VWD	2,316	2,257	0	0	0	0	0	0	0	0	0	0	4,574
NWD	882	999	0	0	0	0	0	0	0	0	0	0	1,881
LACo	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	6,048	6,373	0	0	0	0	0	0	0	0	0	0	12,422
Cum. FYTD	6,048	12,422	12,422	12,422	12,422	12,422	12,422	12,422	12,422	12,422	12,422	12,422	

*Total does not include recycled water.

SANTA CLARITA VALLEY WATER AGENCY
Record of Weather Observations
 August 2020

DATE	High Temperature	Low Temperature	Precipitation 2020	Precipitation 2019
1-Aug	98	61	0.00	0.00
2-Aug	94	57	0.00	0.00
3-Aug	97	57	0.00	0.00
4-Aug	85	57	0.00	0.00
5-Aug	81	59	0.00	0.00
6-Aug	80	59	0.00	0.00
7-Aug	85	54	0.00	0.00
8-Aug	88	53	0.00	0.00
9-Aug	91	55	0.00	0.00
10-Aug	92	55	0.00	0.00
11-Aug	92	51	0.00	0.00
12-Aug	99	52	0.00	0.00
13-Aug	102	65	0.00	0.00
14-Aug	104	67	0.00	0.00
15-Aug	110	67	0.00	0.00
16-Aug	96	72	0.00	0.00
17-Aug	101	67	0.00	0.00
18-Aug	109	69	0.00	0.00
19-Aug	105	71	0.00	0.00
20-Aug	106	67	0.00	0.00
21-Aug	98	64	0.00	0.00
22-Aug	95	69	0.00	0.00
23-Aug	93	66	0.00	0.00
24-Aug	95	65	0.00	0.00
25-Aug	99	62	0.00	0.00
26-Aug	97	60	0.00	0.00
27-Aug	101	63	0.00	0.00
28-Aug	95	56	0.00	0.00
29-Aug	90	51	0.00	0.00
30-Aug	89	50	0.00	0.00
31-Aug	87	50	0.00	0.00

TOTAL	0.00	0.00
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	2019-2020	2018-2019
<i>Total Precipitation of Current Month</i>	0.00	0.00
<i>Total Precipitation End of Previous Month</i>	18.83	27.65
Total Precipitation Since October 1st	18.83	27.65
<i>Temperature Averages for Current Month</i>		
HIGH	95.3	93.0
LOW	60.4	57.4

Santa Clarita Valley Water Agency
Summary of Annual Precipitation
October 1st through September 30th
(Total in Inches)

	<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>	<i>2008-09</i>
Oct	0.33	0.00	1.13	0.22	0.00	1.10	4.79	1.91	0.42	0.25	0.09
Nov	1.39	0.00	0.00	3.18	3.01	0.63	0.64	0.59	0.05	0.50	1.78
Dec	1.39	0.05	0.00	1.30	5.85	2.57	8.54	0.14	0.83	2.67	3.01
Jan	2.08	1.21	5.84	1.55	0.00	0.65	17.06	3.27	1.66	17.54	0.69
Feb	0.65	9.43	10.76	0.51	9.03	8.07	16.69	3.78	1.38	1.82	6.78
Mar	3.00	3.15	3.38	0.38	2.38	0.37	2.70	5.68	0.17	0.10	1.18
Apr	3.78	2.10	2.56	0.05	2.35	0.20	1.42	4.22	0.71	0.07	0.07
May	0.00	0.00	0.00	0.12	1.70	0.00	0.45	0.99	0.00	0.17	0.01
Jun	0.48	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Jul	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.04	0.00	0.00
Aug	0.00	0.31	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00
Sep	0.01	0.00	0.00	0.02	0.00	0.00	0.17	0.00	1.32	0.00	0.00
TOTAL	13.11	16.25	23.67	7.34	24.34	13.59	52.55	20.58	6.58	23.12	13.64
	<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>	<i>2018-19</i>	<i>2019-20</i>
Oct	4.04	1.34	1.97	0.15	0.11	0.32	0.17	0.43	0.00	0.52	0.01
Nov	0.08	1.87	2.50	2.20	1.41	0.64	0.21	1.49	0.06	1.87	2.61
Dec	4.28	11.97	1.19	1.54	0.37	6.16	0.49	3.44	0.01	2.77	5.12
Jan	9.13	0.96	1.23	1.94	0.06	1.44	6.07	10.30	3.18	8.08	0.54
Feb	4.96	5.36	0.13	0.42	5.26	0.74	0.69	8.98	0.35	8.56	0.12
Mar	0.69	8.86	4.99	1.21	1.64	1.09	2.75	0.33	7.50	4.15	5.81
Apr	2.40	0.12	4.02	0.00	0.31	0.16	0.37	0.09	0.02	0.09	4.45
May	0.07	0.74	0.01	0.74	0.00	0.66	0.09	0.26	0.01	1.60	0.16
Jun	0.00	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.01
Jul	0.00	0.01	0.00	0.08	0.02	0.87	0.00	0.01	0.00	0.00	0.00
Aug	0.00	0.00	0.01	0.00	0.05	0.00	0.02	0.07	0.00	0.00	0.00
Sep	0.00	0.00	0.02	0.00	0.00	0.78	0.00	0.13	0.02	0.03	
TOTAL	25.65	31.27	16.07	8.28	9.23	12.87	10.87	25.53	11.15	27.68	18.83

SANTA CLARITA VALLEY WATER AGENCY
WATER PRODUCTION BY WELL 2020 (ACRE-FEET)

NEWHALL WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
N12	104	108	96	94	178	175	164	177	0	0	0	0	1095
N13	120	126	111	109	127	197	183	74	0	0	0	0	1047
C1	19	27	17	29	53	58	60	61	0	0	0	0	324
C2	13	14	9	14	27	29	29	29	0	0	0	0	164
C7	35	37	25	38	71	78	79	79	0	0	0	0	442
P1	0	0	0	0	0	0	0	0	0	0	0	0	0
P3	0	0	0	0	0	0	0	0	0	0	0	0	0
P4	0	0	0	0	0	0	0	0	0	0	0	0	0
P5	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL NWD	291	312	257	285	456	537	516	419	0	0	0	0	3073

SANTA CLARITA WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
LOST CANYON NO.2	36	2	0	0	26	31	46	40	0	0	0	0	181
LOST CANYON NO.2A	70	45	13	18	62	64	87	61	0	0	0	0	420
SAND CANYON	80	50	15	20	66	60	76	66	0	0	0	0	433
MITCHELL 5A	0	0	0	0	0	0	0	0	0	0	0	0	0
MITCHELL 5B	0	0	1	1	0	0	0	0	0	0	0	0	2
SIERRA	7	18	6	11	13	8	0	0	0	0	0	0	63
NORTH OAKS EAST	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH OAKS CENTRAL	1	3	1	0	0	0	0	0	0	0	0	0	5
NORTH OAKS WEST	0	0	0	0	0	0	0	0	0	0	0	0	0
HONBY	1	15	0	0	0	0	0	0	0	0	0	0	16
GUIDA	24	46	0	23	69	52	69	54	0	0	0	0	337
CLARK	17	29	1	0	0	0	0	0	0	0	0	0	47
SANTA CLARA	1	20	3	0	0	0	0	0	0	0	0	0	24
VALLEY CENTER	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SCWD	237	228	40	73	236	215	278	221	0	0	0	0	1528

VALENCIA WATER DIVISION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	20	56	20	23	71	59	36	58	0	0	0	0	343
E15	25	103	33	39	92	90	84	102	0	0	0	0	568
N	53	69	19	0	0	0	0	0	0	0	0	0	141
N7	29	120	9	0	0	0	0	0	0	0	0	0	157
N8	89	108	14	0	0	0	0	0	0	0	0	0	211
Q2	0	0	0	0	0	0	0	0	0	0	0	0	0
T7	3	19	2	0	0	0	0	0	0	0	0	0	23
U6	1	7	5	47	83	0	0	0	0	0	0	0	142
U4	1	4	0	0	0	0	0	0	0	0	0	0	6
S6	0	0	0	0	0	0	0	0	0	0	0	0	0
S7	13	31	0	0	0	0	0	0	0	0	0	0	44
S8	9	14	6	0	0	0	0	0	0	0	0	0	29
W11	40	29	18	36	55	68	91	86	0	0	0	0	422
W9	51	87	57	70	93	102	64	58	0	0	0	0	581
W10	75	63	10	0	0	0	0	0	0	0	0	0	148
159 (GOLF COURSE IRRIGATION)	0	1	0	1	4	7	4	5	0	0	0	0	22
160 (SYSTEM)	1	2	2	2	2	3	2	0	0	0	0	0	15
160 (GOLF COURSE IRRIGATION)	20	29	11	38	73	74	85	69	0	0	0	0	400
201 (SYSTEM)	0	0	0	0	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0	0	0	0	0
206	68	98	95	74	58	115	96	175	0	0	0	0	778
207	78	116	62	109	150	139	192	89	0	0	0	0	935
TOTAL VWD	575	956	362	438	680	656	654	644	0	0	0	0	4965

S1	137	129	131	131	132	129	134	135	0	0	0	0	1058
S2	128	114	125	122	117	120	117	117	0	0	0	0	958
TOTAL S1 & S2	265	243	256	253	249	249	251	252	0	0	0	0	2017

TOTAL WELL PRODUCTION	1367	1739	915	1049	1621	1656	1700	1536	0	0	0	0	11583
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WELL 201 (NON-SYSTEM)	107	61	108	103	102	102	111	102	0	0	0	0	796
VALLEY CENTER (NON-SYSTEM)	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Q2 (NON SYSTEM)	0.12	0.03	0.05	0.05	0.13	0.30	0.00	0.17	0	0	0	0	0.85
205 (NON-SYSTEM)	0	0	0	0	0	0	0	0	0	0	0	0	0.00
N (NON-SYSTEM)	0	0	0.06	0	0	0	0	0	0	0	0	0	0.06
S8 (NON-SYSTEM)	0	0	0	0.19	0.23	0	0.68	0.21	0	0	0	0	1.31
W10 (NON-SYSTEM)	0	0	0	0.25	0.11	0.16	0.17	0.29	0	0	0	0	0.98
HONBY (NON-SYSTEM)						0.23	0	0	0	0	0	0	0.23
MITCHELL 5B (NON-SYSTEM)							0.54	0.30	0	0	0	0	0.84

NEWHALL WATER DIVISION
WATER PRODUCTION 2020 (ACRE-FEET)

GROUNDWATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
NEWHALL SYSTEM													
N12	104	108	96	94	178	175	164	177					1095
N13	120	126	111	109	127	197	183	74					1047
CASTAIC SYSTEM													
C1	19	27	17	29	53	58	60	61					324
C2	13	14	9	14	27	29	29	29					164
C7	35	37	25	38	71	78	79	79					442
PINETREE SYSTEM													
P1	0	0	0	0	0	0	0	0					0
P3	0	0	0	0	0	0	0	0					0
P4	0	0	0	0	0	0	0	0					0
P5	0	0	0	0	0	0	0	0					0
S1 & S2	71	65	68	68	67	67	67	68					541
TOTAL GROUNDWATER	362	377	326	352	523	603	583	487	0	0	0	0	3613
IMPORT + S1 & S2													
NEWHALL SYSTEM													
N-3	8	30	10	41	110	78	165	260					702
CASTAIC SYSTEM													
N-1	25	27	36	20	45	36	42	54					285
PINETREE SYSTEM													
N-2	102	119	88	108	199	216	239	245					1316
TESORO SYSTEM													
N-4	53	56	43	57	120	268	436	440					1474
TOTAL IMPORT + S1 & S2	188	232	177	226	475	597	882	999	0	0	0	0	3777
TOTAL GROUNDWATER (INCLUDES S1 & S2)	362	377	326	352	523	603	583	487	0	0	0	0	3613
TOTAL IMPORT (NO S1 & S2)	117	167	109	158	408	531	815	931	0	0	0	0	3236
TOTAL PRODUCTION (GW + IMPORT)	479	544	434	510	931	1134	1398	1418	0	0	0	0	6849
% BY SOURCE													
GROUNDWATER	76%	69%	75%	69%	56%	53%	42%	34%					53%
IMPORT	24%	31%	25%	31%	44%	47%	58%	66%					47%

**SANTA CLARITA WATER DIVISION
WATER PRODUCTION 2020 (ACRE-FEET)**

GROUNDWATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
LOST CANYON NO.2	36	2	0	0	26	31	46	40					181
LOST CANYON NO.2A	70	45	13	18	62	64	87	61					420
SAND CANYON	80	50	15	20	66	60	76	66					433
MITCHELL 5A	0	0	0	0	0	0	0	0					0
MITCHELL 5B	0	0	1	1	0	0	0	0					2
SIERRA	7	18	6	11	13	8	0	0					63
NORTH OAKS EAST	0	0	0	0	0	0	0	0					0
NORTH OAKS CENTRAL	1	3	1	0	0	0	0	0					5
NORTH OAKS WEST	0	0	0	0	0	0	0	0					0
HONBY	1	15	0	0	0	0	0	0					16
GUIDA	24	46	0	23	69	52	69	54					337
CLARK	17	29	1	0	0	0	0	0					47
SANTA CLARA	1	20	3	0	0	0	0	0					24
VALLEY CENTER	0	0	0	0	0	0	0	0					0
TOTAL ALLUVIUM	237	228	40	73	236	215	278	221	0	0	0	0	1528
SAUGUS WELLS S1 & S2	194	178	187	185	182	182	184	184					1476
TOTAL GROUNDWATER	431	406	227	258	418	397	462	405	0	0	0	0	3004
IMPORT + S1 & S2	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
SC-1 BOUQUET	129	99	161	164	184	191	233	287					1449
SC-2 HONBY	174	260	211	225	360	324	2	0					1555
SC-3 WILEY	97	103	93	112	148	153	170	176					1053
SC-4 HONBY #2	211	94	161	224	373	432	631	637					2763
SC-5 RIO VISTA	138	176	111	116	238	226	298	269					1573
SC-6 LOST CANYON	76	104	64	90	170	173	199	231					1106
SC-7	104	128	46	42	105	199	410	425					1458
SC-8	130	184	157	164	309	334	380	419					2076
SC-9	93	89	32	47	90	103	197	237					887
SC-10	25	55	23	20	52	71	74	54					376
SC-11	1	2	1	1	1	0	1	0					5
SC-12	10	87	150	155	169	181	146	150					1049
SC-13	20	36	3	8	157	166	109	231					729
TOTAL IMPORT + S1 & S2	1207	1,416	1,212	1,368	2,358	2,552	2,849	3,117	0	0	0	0	16,078
METERING ADJUSTMENT	-6.7	0.01	0	0	0	0	0	0					-7
NET IMPORT + S1 & S2	1,201	1,416	1,212	1,368	2,358	2,552	2,849	3,117	0	0	0	0	16,072
TOTAL GROUNDWATER (INCLUDES S1 & S2)	431	406	227	258	418	397	462	405	0	0	0	0	3004
TOTAL IMPORT (NO S1 & S2)	1,014	1,238	1,025	1,183	2,176	2,370	2,665	2,932	0	0	0	0	14,602
TOTAL PRODUCTION (GW + IMPORT)	1,444	1,644	1,252	1,441	2,594	2,767	3,127	3,338	0	0	0	0	17,606
% BY SOURCE													
GROUNDWATER	30%	25%	18%	18%	16%	14%	15%	12%					17%
IMPORT	70%	75%	82%	82%	84%	86%	85%	88%					83%
VALLEY CENTER (NON-SYSTEM) *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					0.00
HONBY (NON-SYSTEM) *						0.23	0.00	0.00					0.23
MITCHELL 5B (NON-SYSTEM) *							0.54	0.30					0.84

* Not used in the calculation for % by Source

VALENCIA WATER DIVISION
WATER PRODUCTION 2020 (ACRE-FEET)

ALLUVIUM	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
D	20	56	20	23	71	59	36	58					343
E15	25	103	33	39	92	90	84	102					568
N	53	69	19	0	0	0	0	0					141
N7	29	120	9	0	0	0	0	0					157
N8	89	108	14	0	0	0	0	0					211
Q2	0	0	0	0	0	0	0	0					0
T7	3	19	2	0	0	0	0	0					23
U6	1	7	5	47	83	0	0	0					142
U4	1	4	0	0	0	0	0	0					6
S6	0	0	0	0	0	0	0	0					0
S7	13	31	0	0	0	0	0	0					44
S8	9	14	6	0	0	0	0	0					29
W11	40	29	18	36	55	68	91	86					422
W9	51	87	57	70	93	102	64	58					581
W10	75	63	10	0	0	0	0	0					148
TOTAL ALLUVIUM	408	711	192	214	393	318	275	305	0	0	0	0	2816
SAUGUS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
159	0	1	0	1	4	7	4	5					22
160 - DOM	1	2	2	2	2	3	2	0					15
160 - VGC*	20	29	11	38	73	74	85	69					400
201	0	0	0	0	0	0	0	0					0
205	0	0	0	0	0	0	0	0					0
206	68	98	95	74	58	115	96	175					778
207	78	116	62	109	150	139	192	89					935
TOTAL SAUGUS	167	246	170	224	287	338	379	339	0	0	0	0	2150
IMPORT WATER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
V-1	143	65	126	146	197	213	254	237					1381
V-2	139	284	138	211	514	419	320	303					2328
V-4	105	1	68	90	402	327	229	224					1447
V-5	246	161	179	188	276	323	425	443					2242
V-6	85	198	134	133	185	136	68	53					992
V-7	23	3	15	12	78	105	240	235					711
V-8	217	50	259	285	520	664	780	761					3534
TOTAL IMPORT	957	762	919	1,066	2,171	2,186	2,316	2,257	0	0	0	0	12,635
TOTAL GROUNDWATER	575	956	362	438	680	656	654	644	0	0	0	0	4,965
TOTAL IMPORT	957	762	919	1,066	2,171	2,186	2,316	2,257	0	0	0	0	12,635
TOTAL PRODUCTION	1,531	1,718	1,282	1,505	2,851	2,842	2,970	2,901	0	0	0	0	17,600
% BY SOURCE													
GROUNDWATER	37%	55%	28%	27%	22%	21%	20%	20%					27%
IMPORT WATER	63%	45%	72%	73%	78%	79%	80%	80%					73%
RECYCLED WATER	10	22	8	22	64	70	76	68					340
Well 201 Discharge *	107	61	108	103	102	102	111	102					796
Well Q2 Non-System *	0.12	0.03	0.05	0.05	0.13	0.30	0	0.17					0.85
Well 205 Non-System *	0	0	0	0	0	0	0	0					0.00
Well N Non-System *	0	0	0.06	0	0	0	0	0					0.06
Well S8 Non-System *	0	0	0	0.19	0.23	0	0.68	0.21					1.31
Well W10 Non-System *	0	0	0	0.25	0.11	0.16	0.17	0.29					0.98

*Not used in the calculation for % by source

LOS ANGELES COUNTY WATERWORKS DISTRICT 36

SOURCE

TURNOUT	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	TOTAL
LA 1	0	0.0031	0	0	0	0.00	0	0					0.00
LA 2	0.7764	0.4818	0.3621	0.4082	0.2793	0.42	0.424	0.4389					3.59
TOTAL	0.7764	0.4849	0.3621	0.4082	0.2793	0.4174	0.424	0.4389	0	0	0	0.00	3.59

RAW WATER

SOURCE	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	TOTAL
RVTP	1,374	2,235	2,096	2,490	4801	3445	2,950	3,013					22,404.11
ESTP	708	0	0	0	0	1706	2,906	3,187					8,507.50
Wells	265	243	256	253	249	249	251	252					2,016.81
TOTAL	2,347	2,478	2,351	2,742	5,049	5,400	6,107	6,453	0	0	0	0	32,928.42

S1/S2 TREATMENT

SOURCE	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	TOTAL
S1	137.13	129.09	130.51	130.97	132.2	129.15	134.3	134.95					1058.34
S2	127.54	114.13	125.05	121.57	116.52	119.61	117.1	117.00					958.47
TOTAL	264.67	243.22	255.56	252.54	248.72	248.76	251.4	251.9556	0	0	0	0	2016.81

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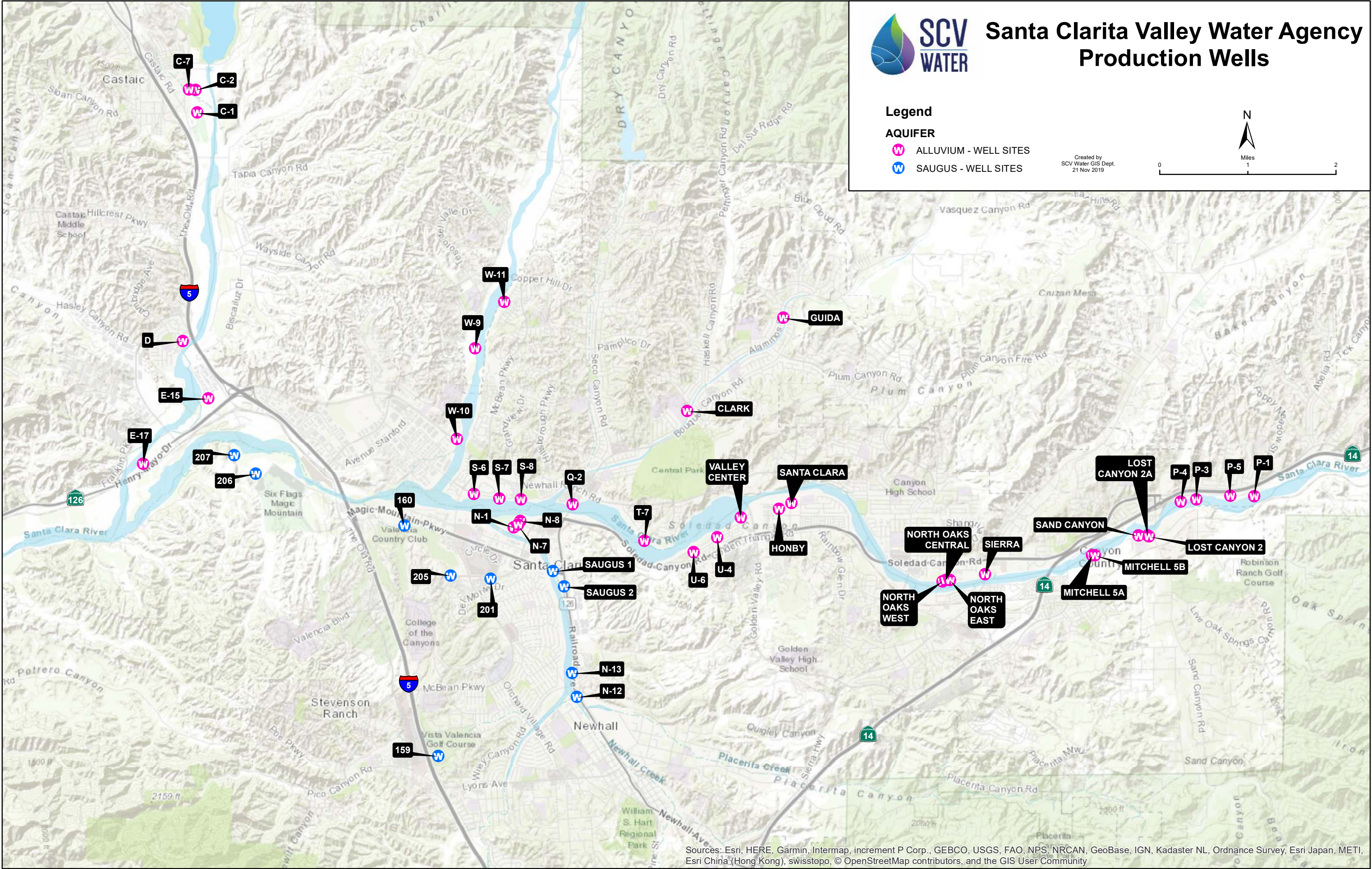
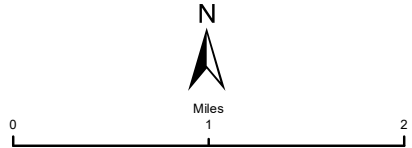


Santa Clarita Valley Water Agency Production Wells

Legend

- AQUIFER**
- W ALLUVIUM - WELL SITES
 - W SAUGUS - WELL SITES

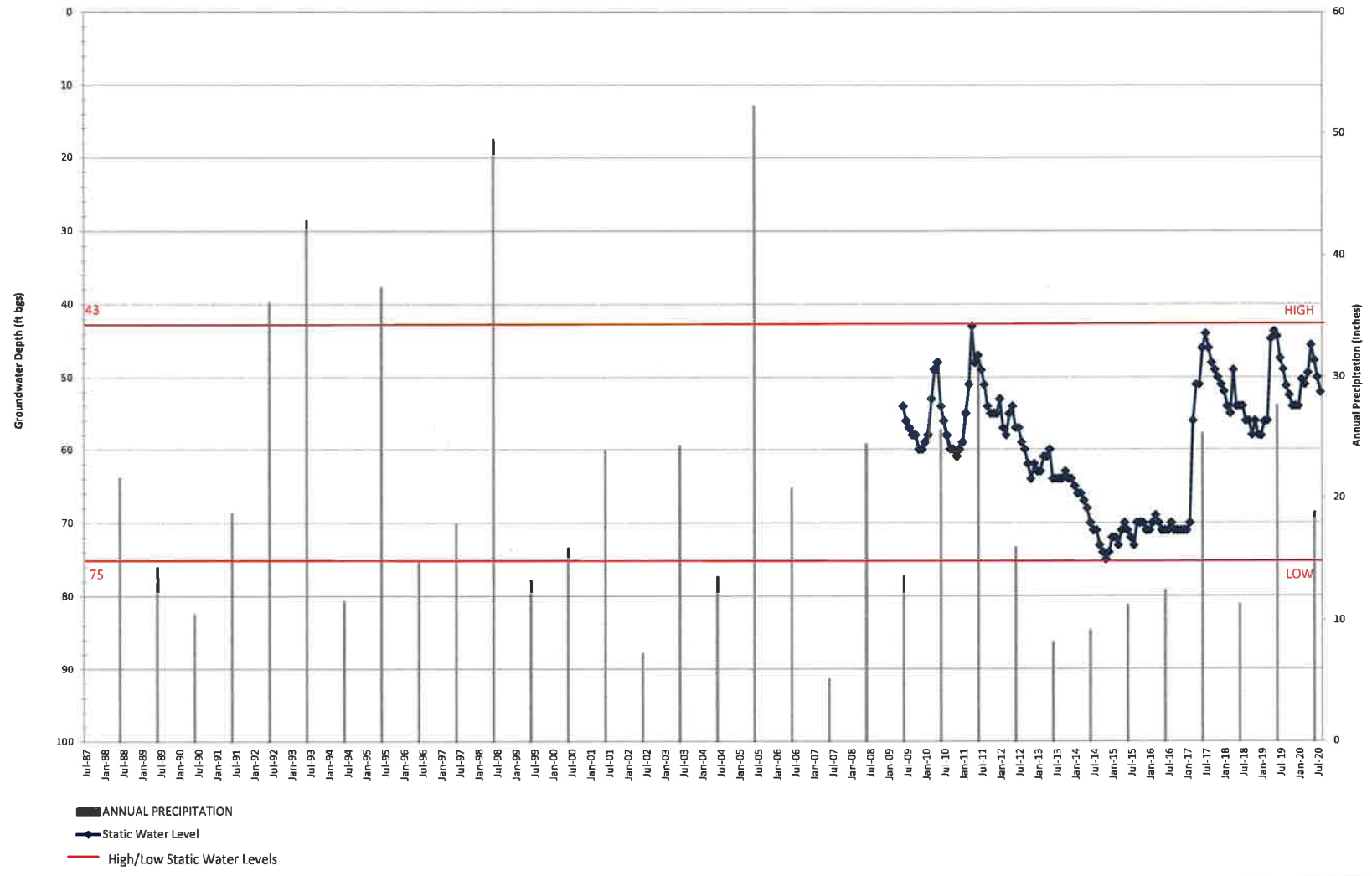
Created by
SCV Water GIS Dept.
21 Nov 2019



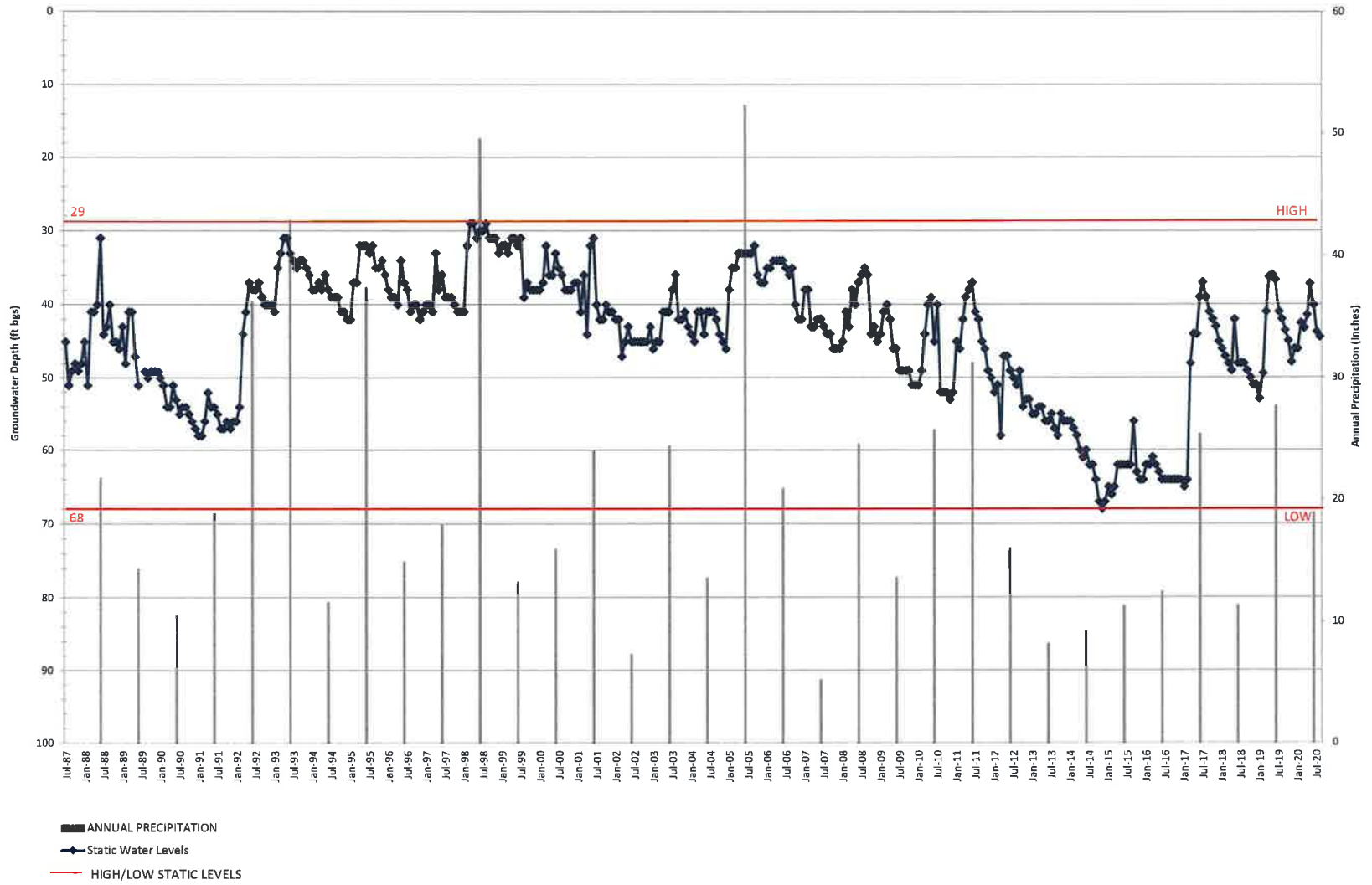
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community

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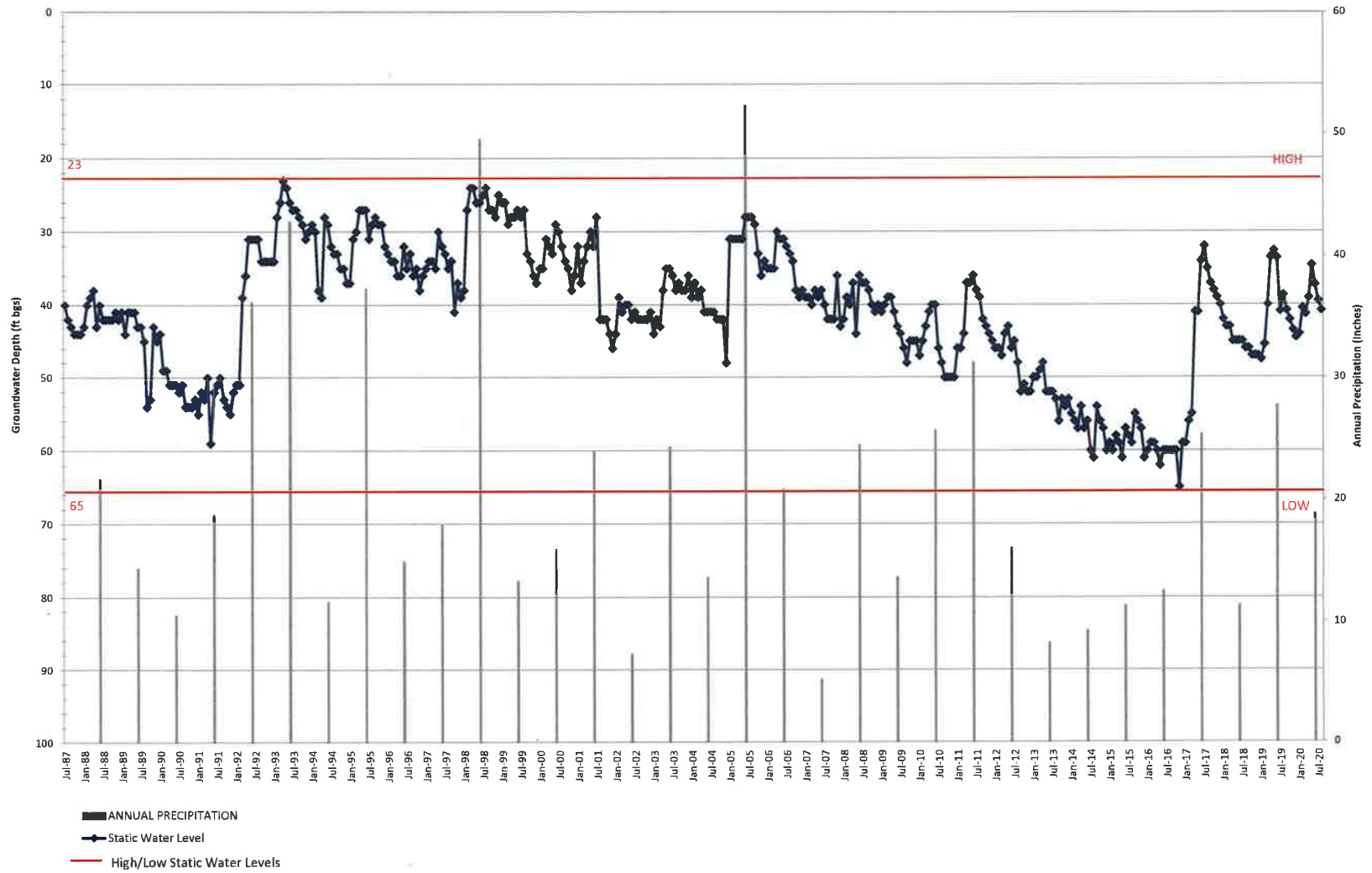
SCV WATER WELL C7
STATIC WATER LEVEL VS PRECIPITATION



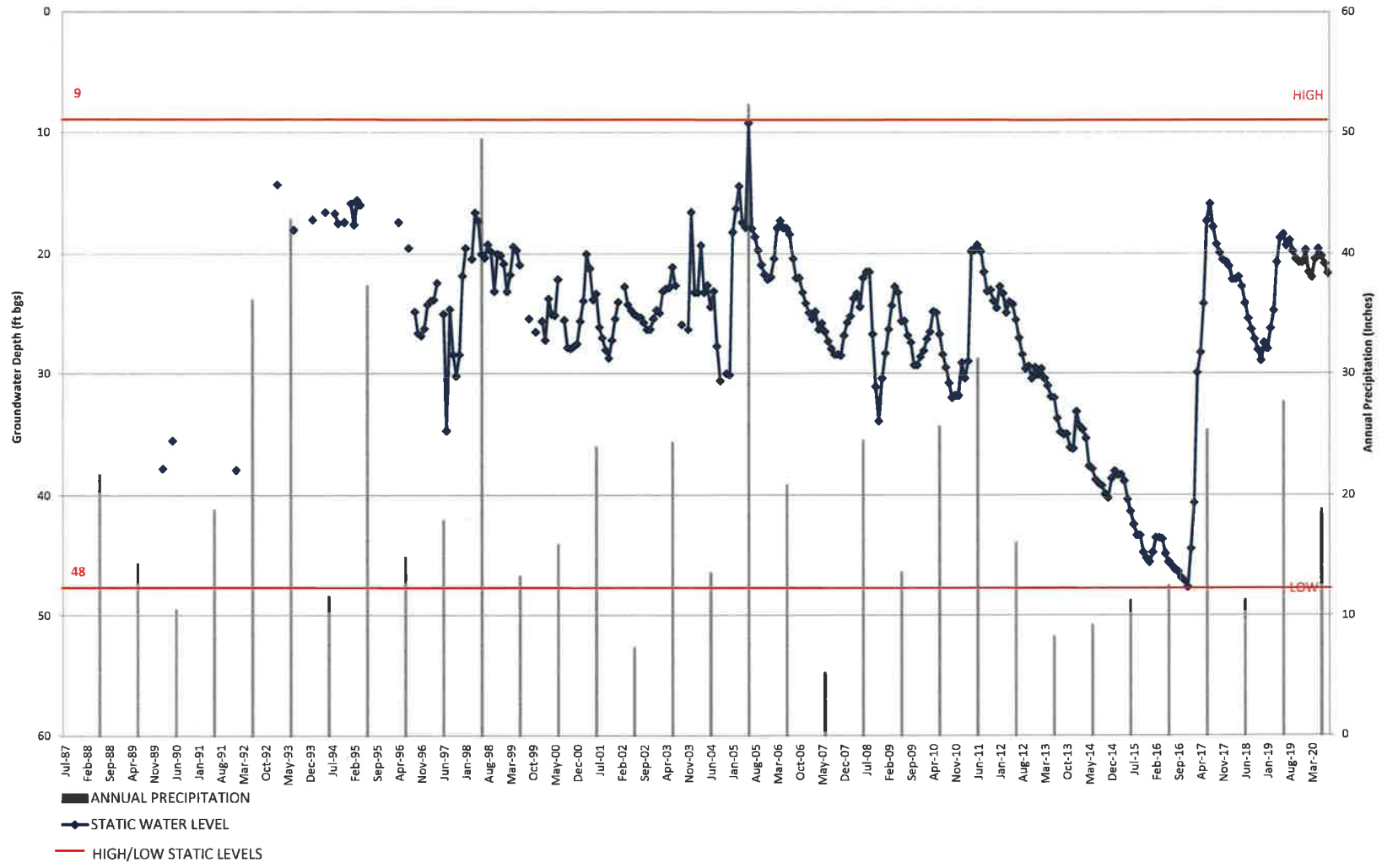
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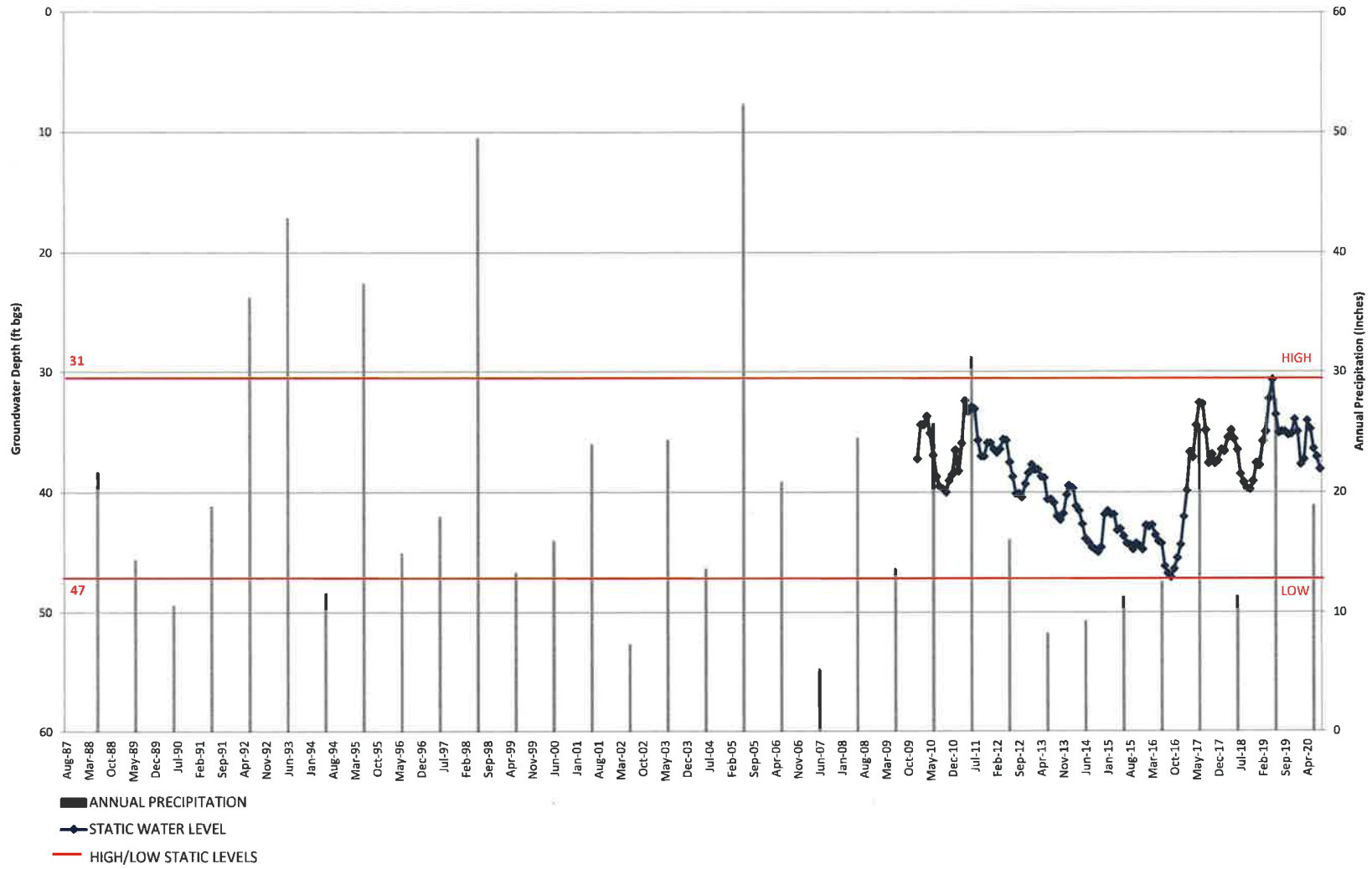
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STATIC WATER LEVEL VS PRECIPITATION



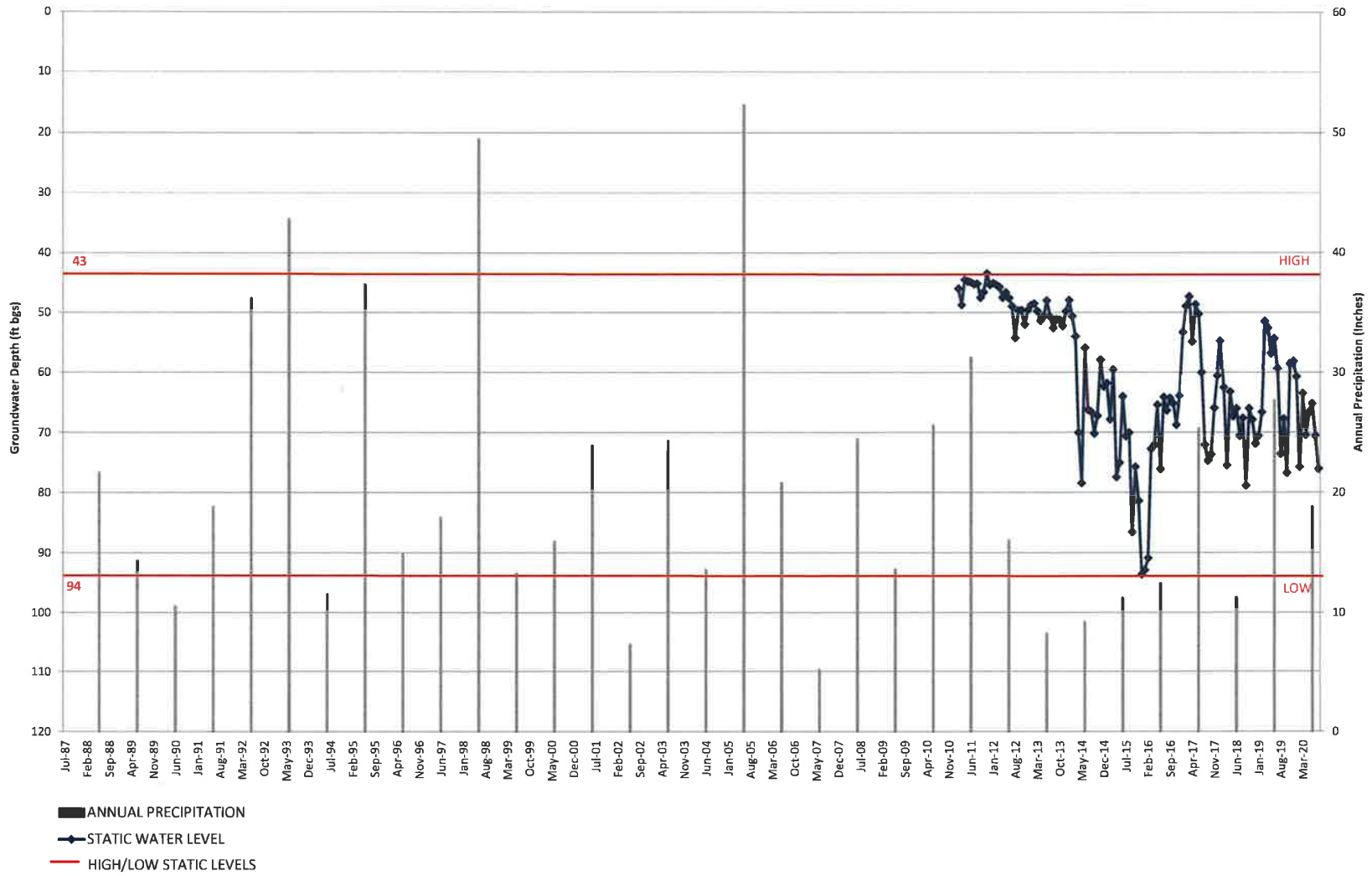
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 STATIC WATER LEVEL VS PRECIPITATION



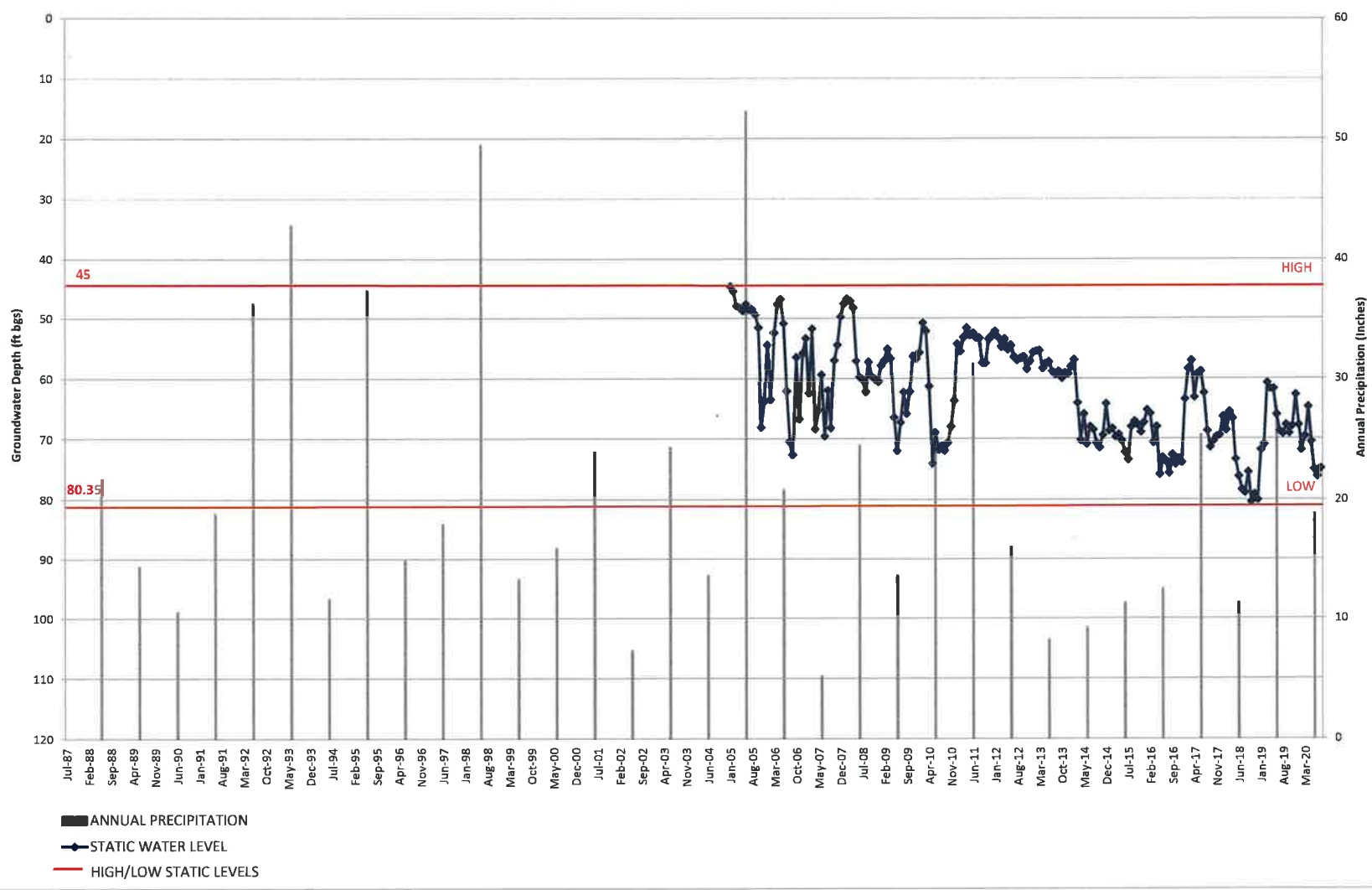
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STATIC WATER LEVEL VS. PRECIPITATION



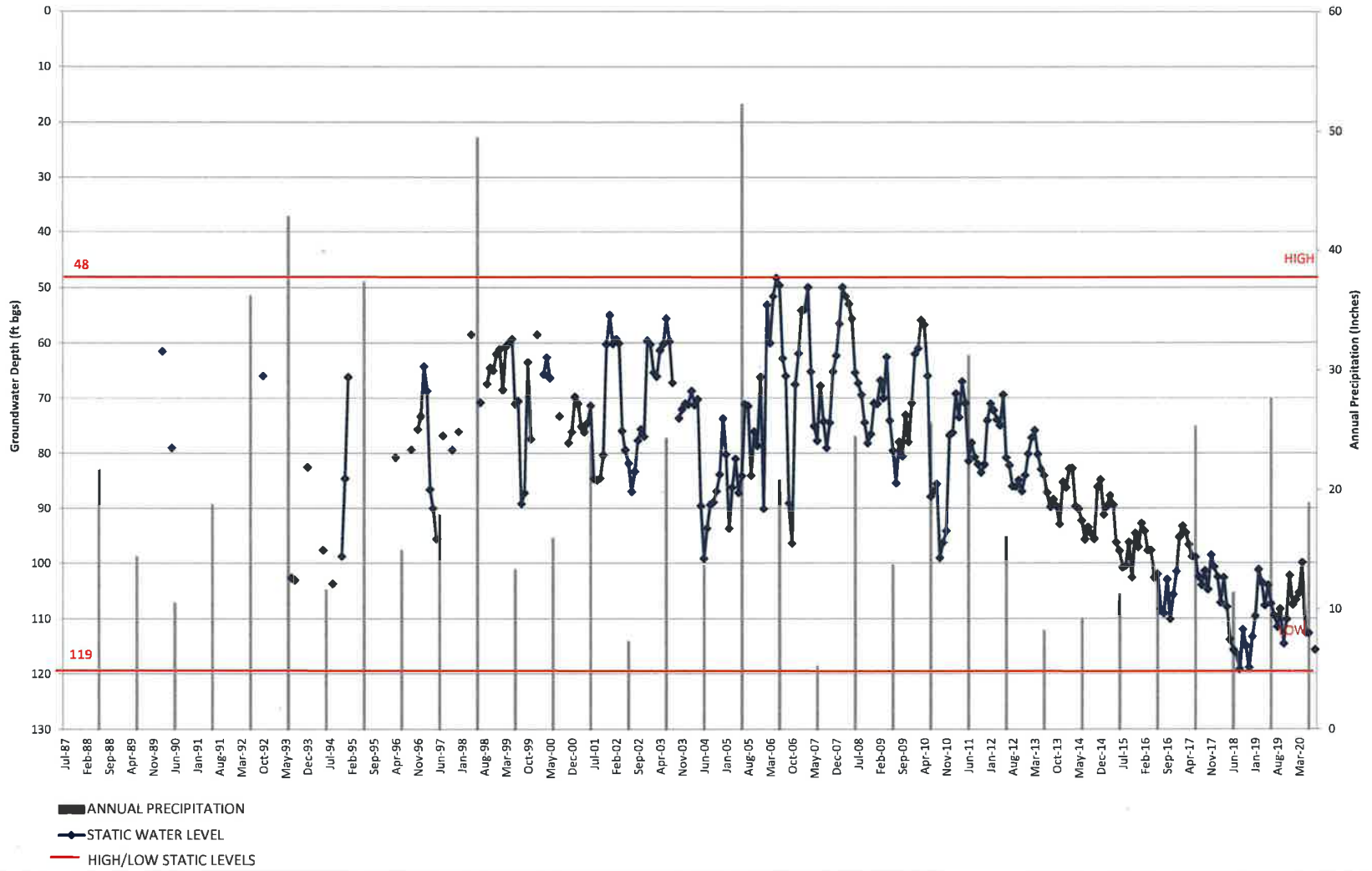
SCV WATER WELL 207
STATIC WATER LEVEL VS PRECIPITATION



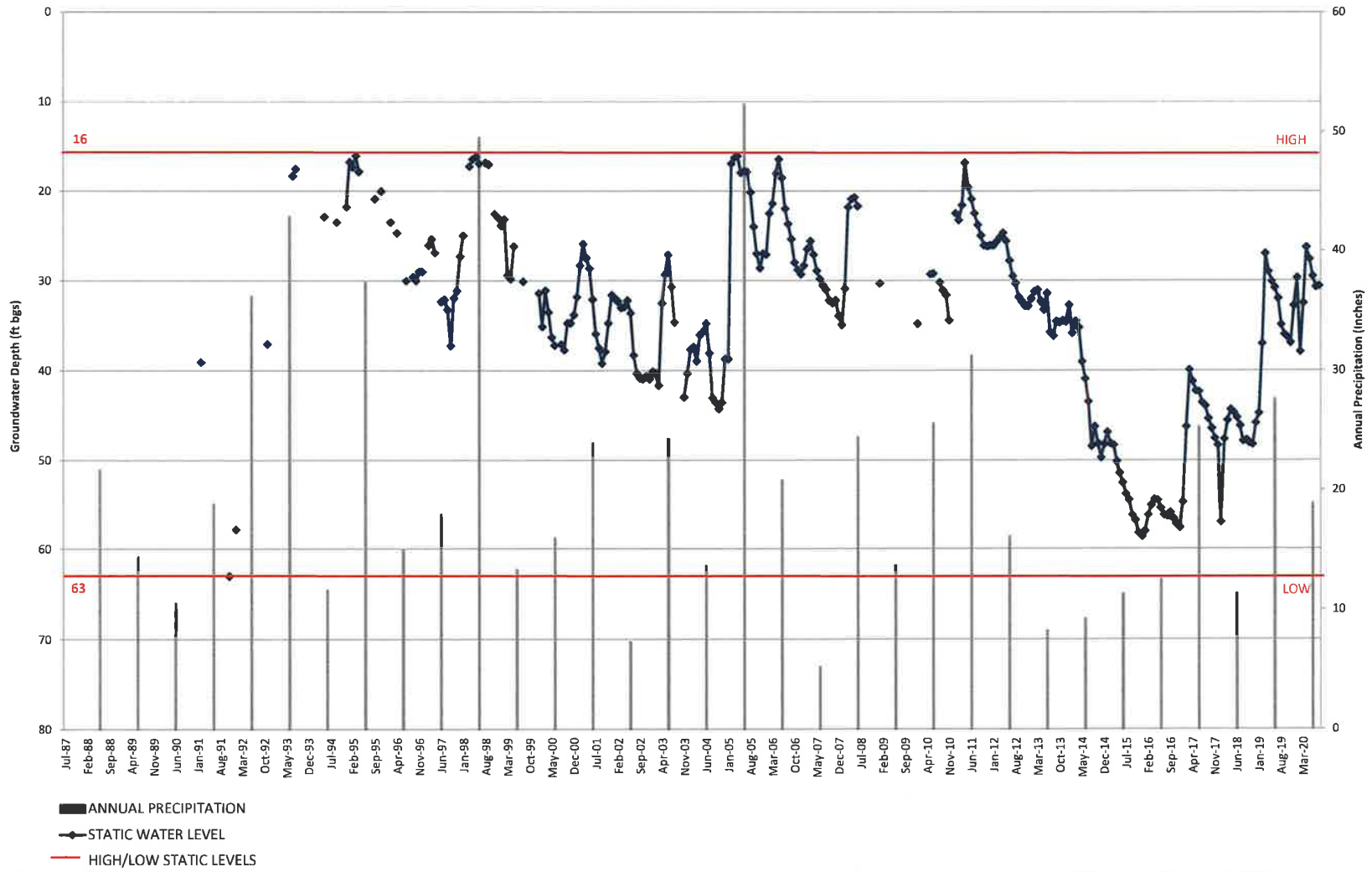
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STATIC WATER LEVEL VS PRECIPITATION



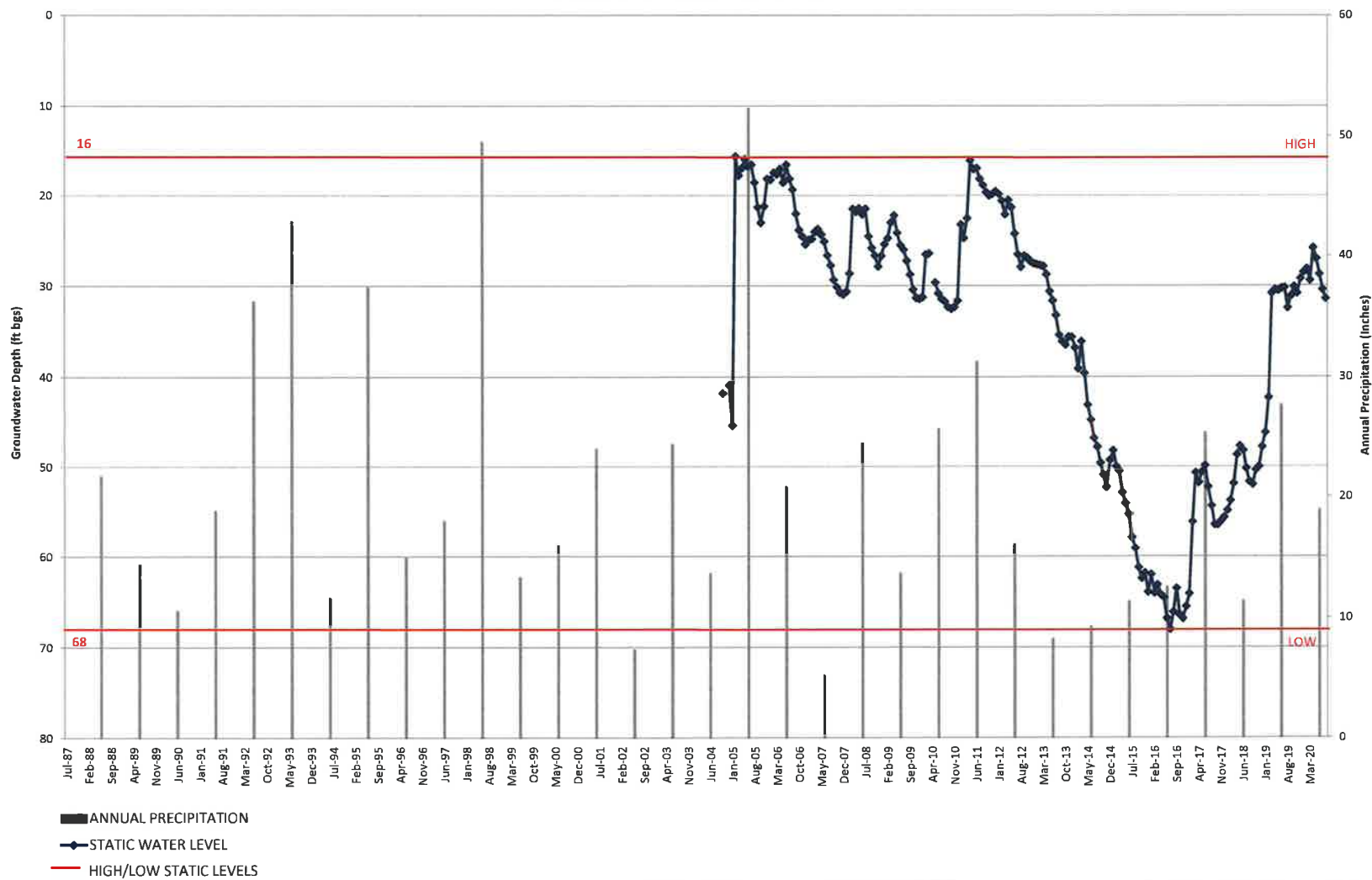
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STATIC WATER LEVEL VS PRECIPITATION



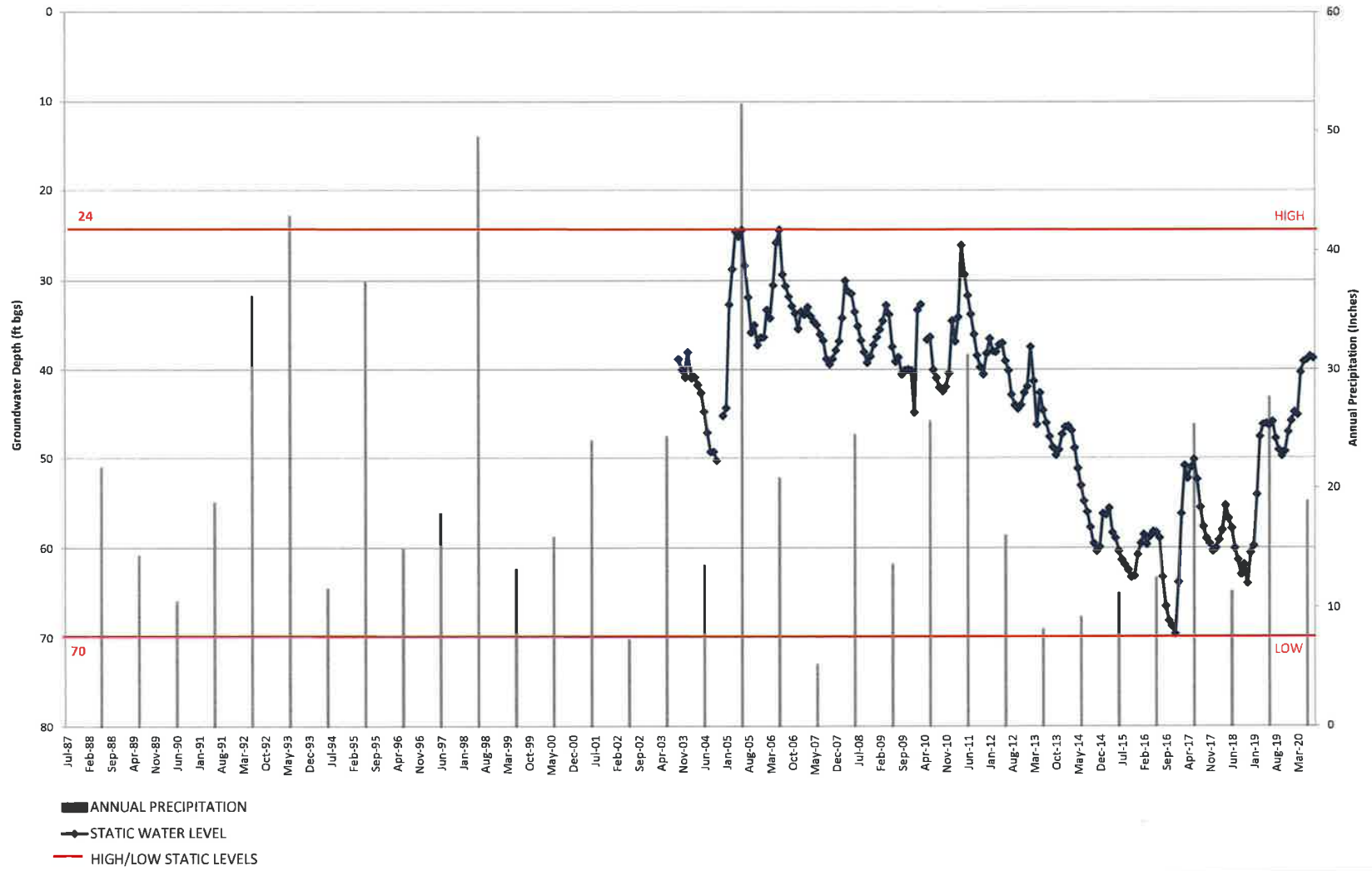
SCV WATER WELL W9
STATIC WATER LEVEL VS PRECIPITATION



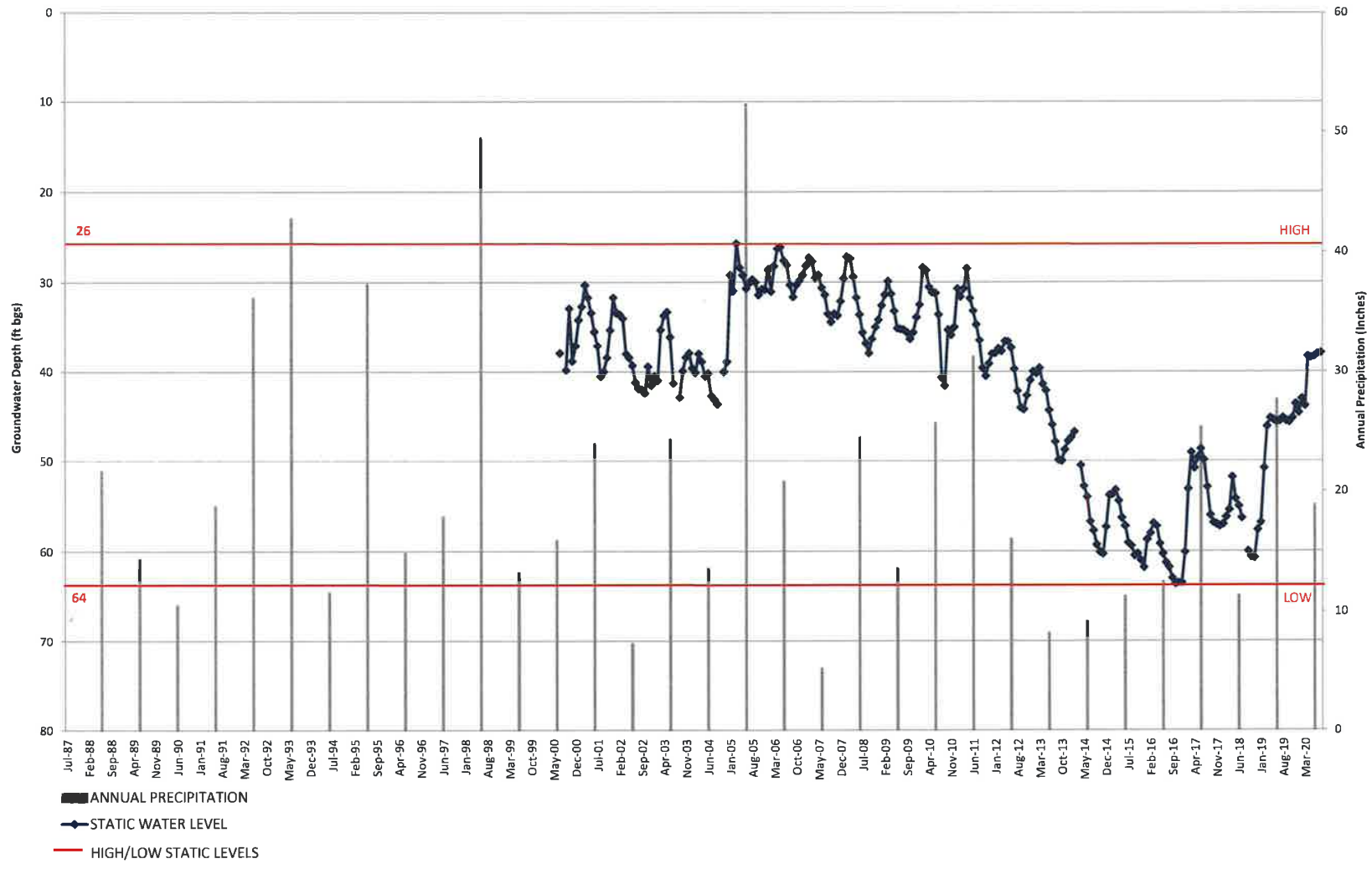
SCV WATER WELL W11
STATIC WATER LEVEL PRECIPITATION



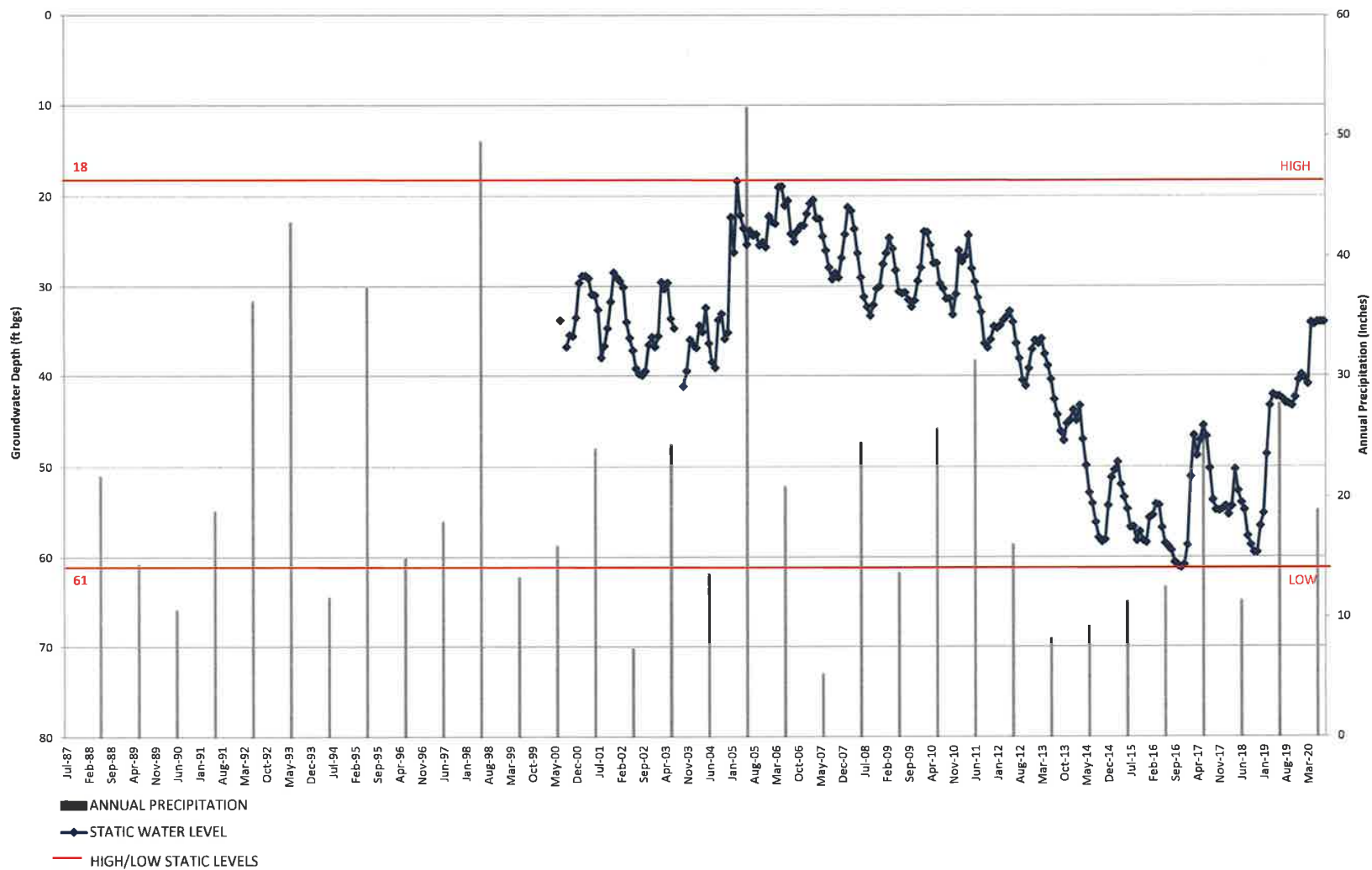
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STATIC WATER LEVEL VS PRECIPITATION



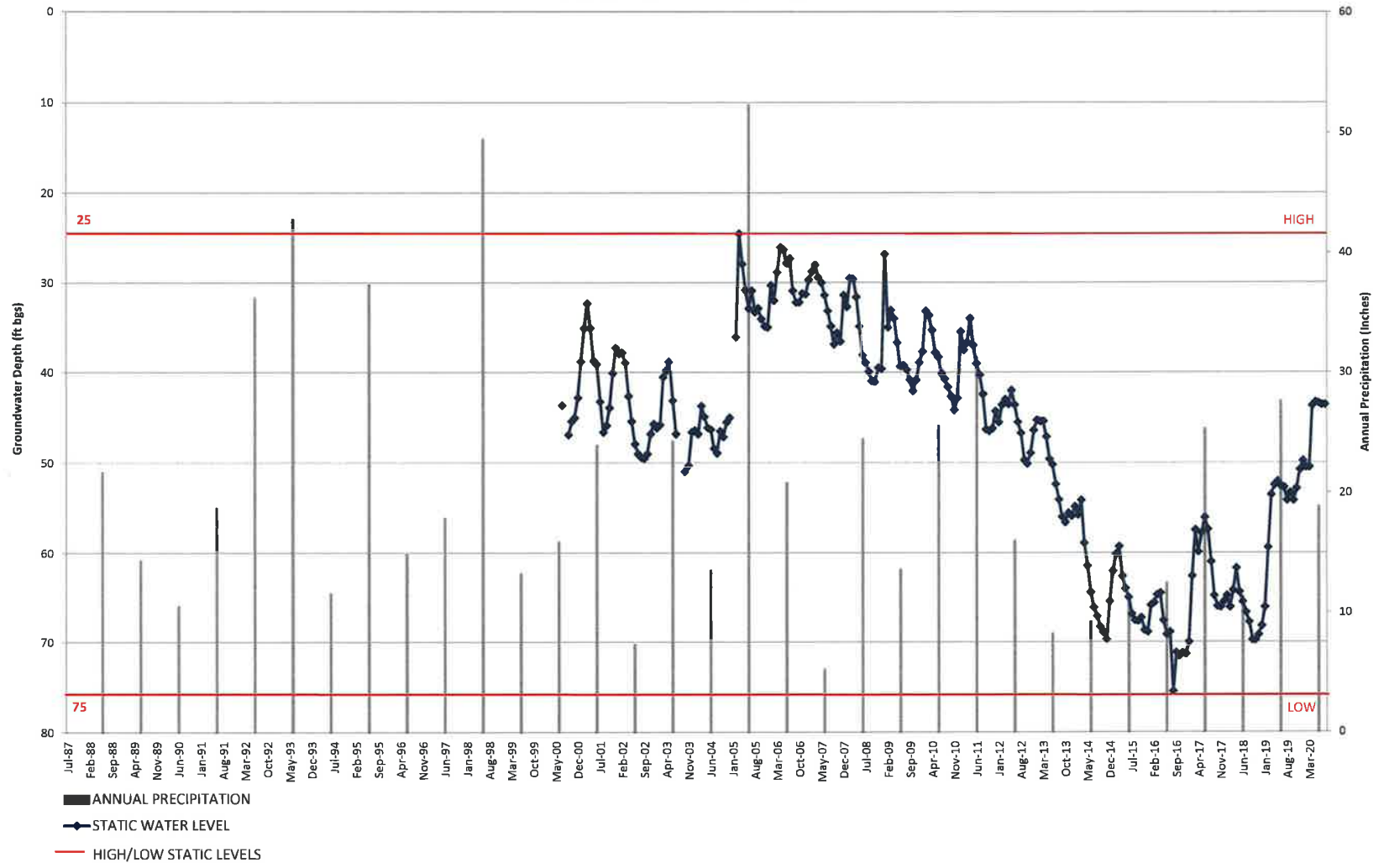
SCV WATER WELL S6
STATIC WATER LEVEL VS PRECIPITATION



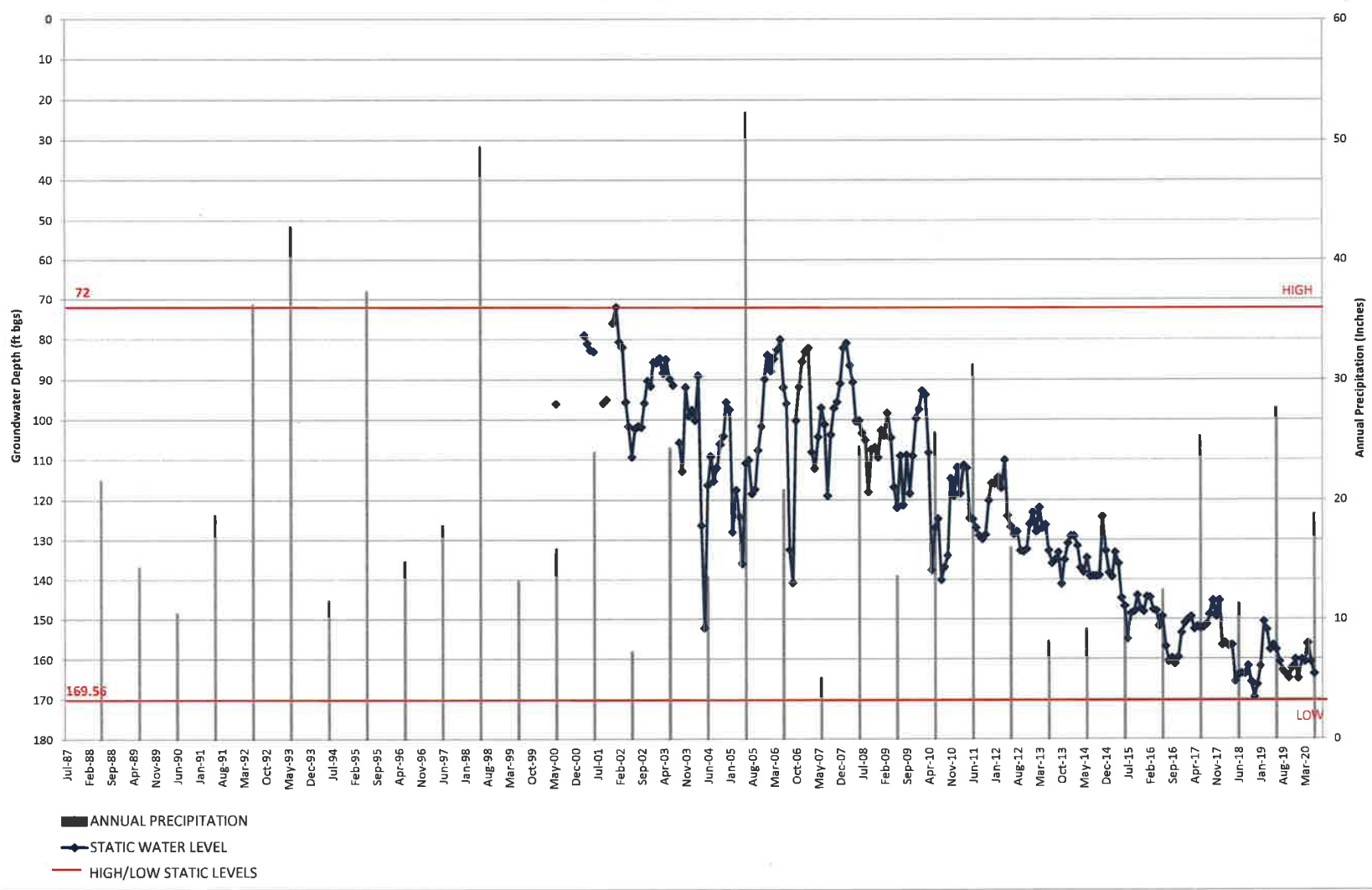
SCV WATER WELL S7
STATIC WATER LEVEL VS PRECIPITATION



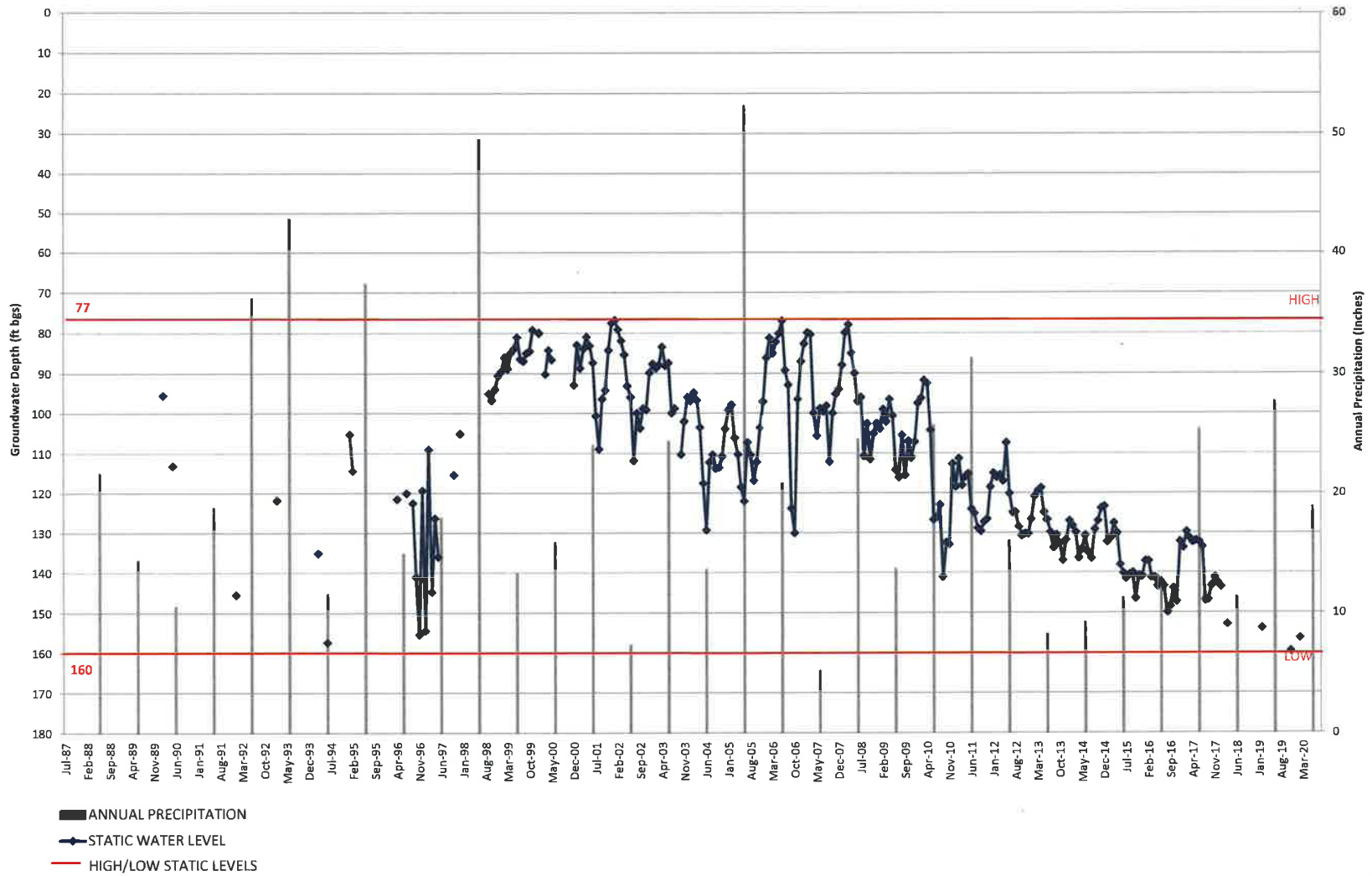
SCV WATER WELL S8
 STATIC WATER LEVEL VS PRECIPITATION



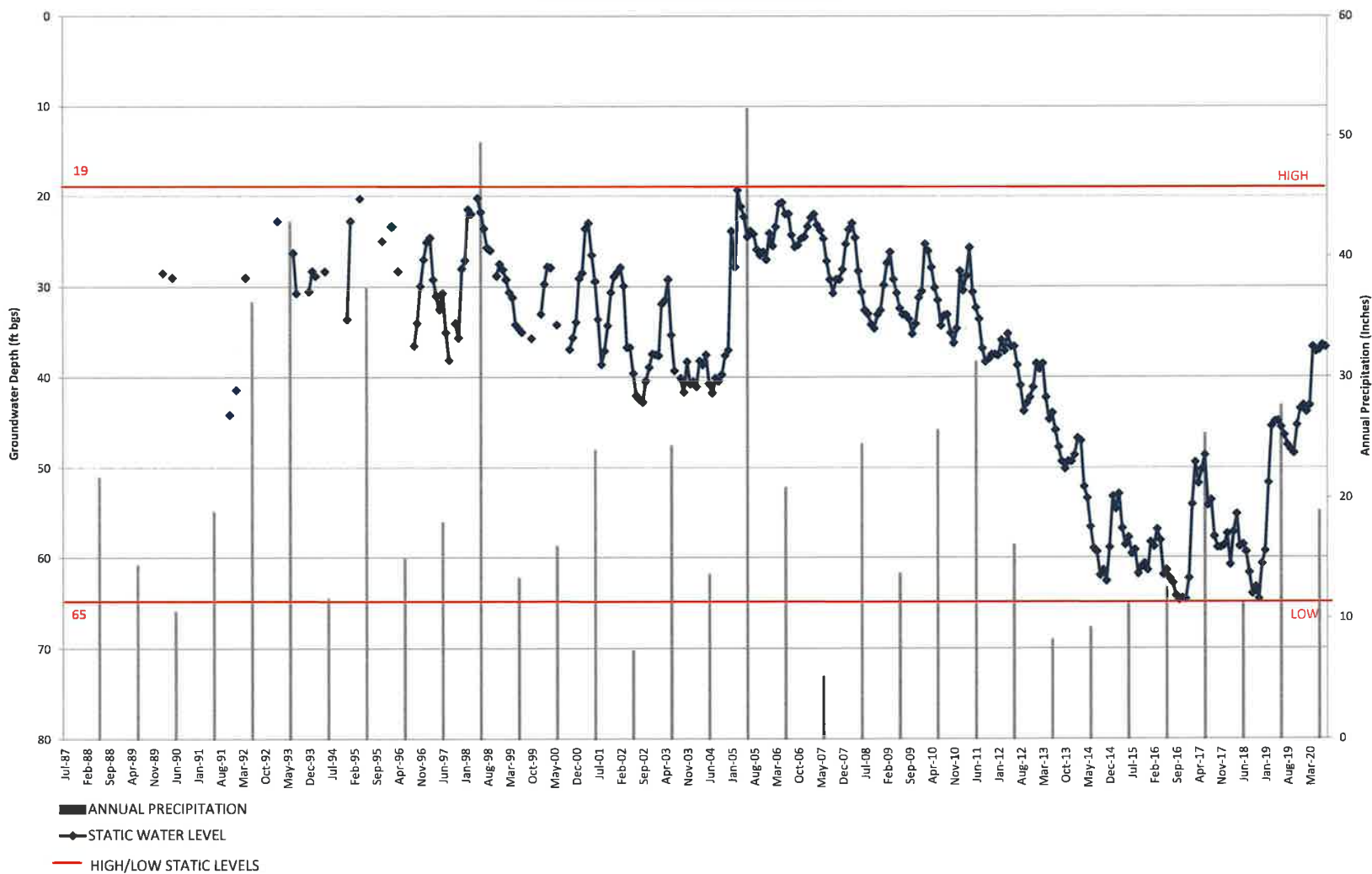
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STATIC WATER LEVEL VS PRECIPITATION



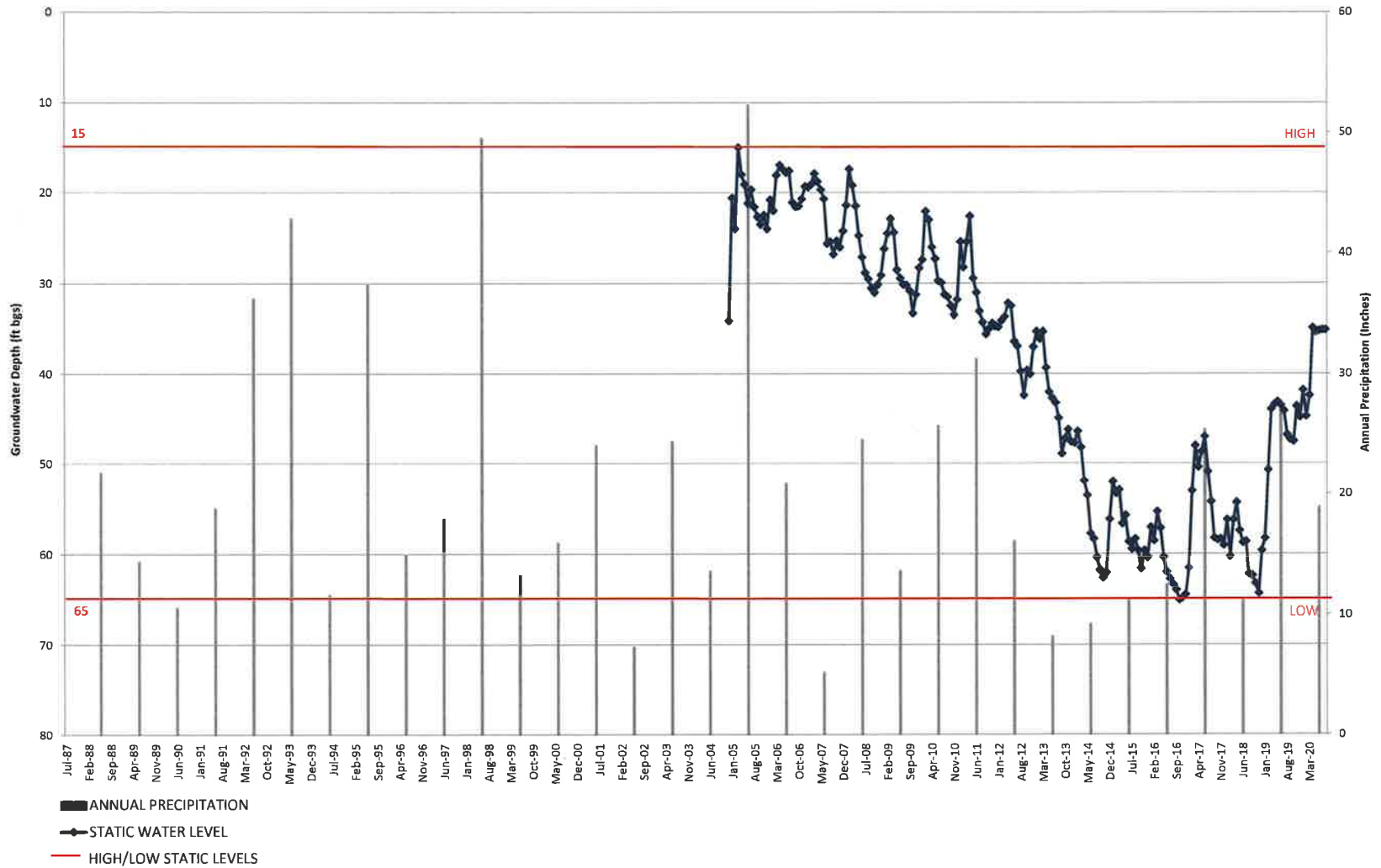
SCV WATER WELL 201
STATIC WATER LEVEL VS PRECIPITATION



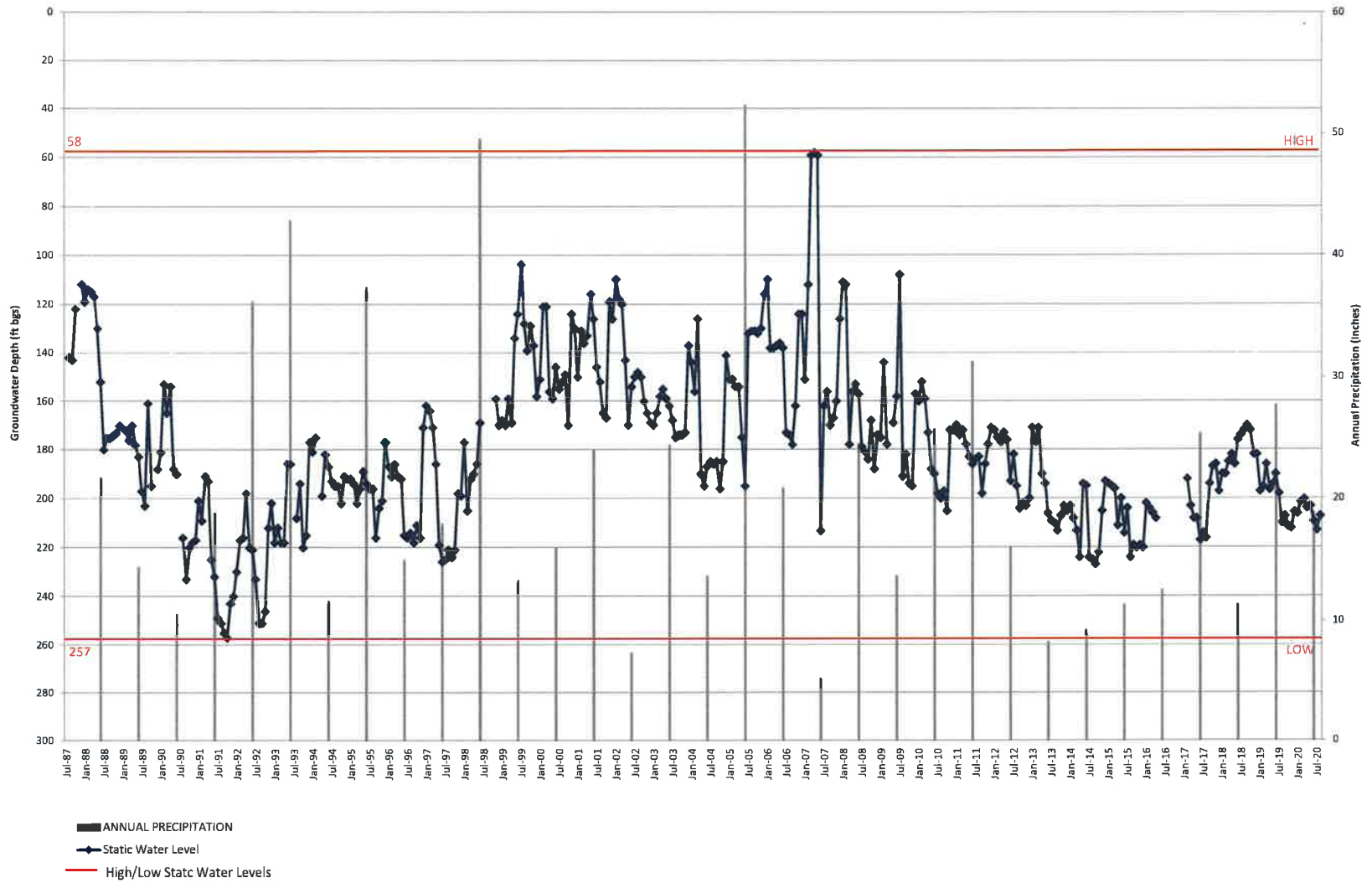
SCV WATER WELL N
STATIC WATER LEVEL VS PRECIPITATION



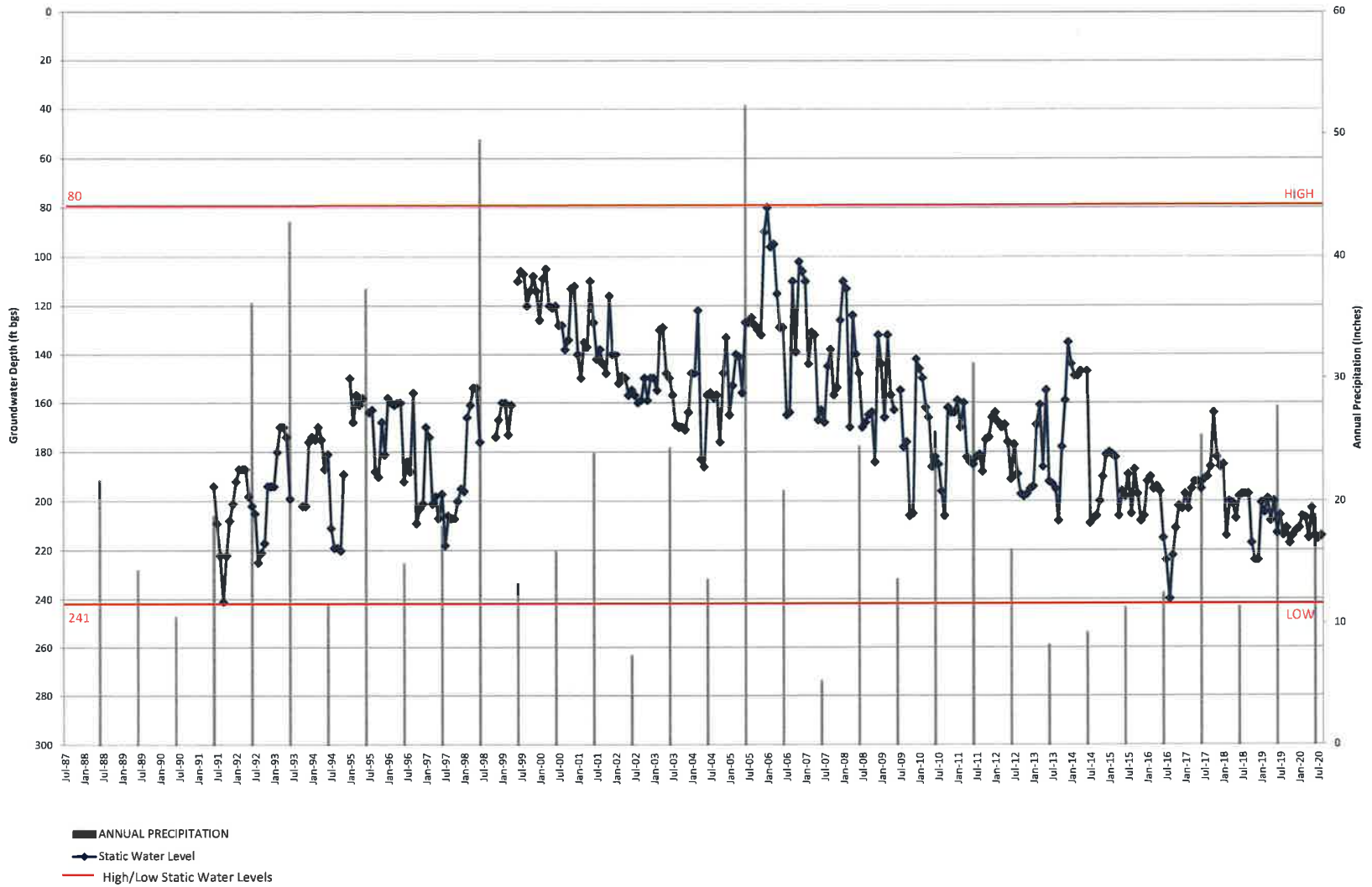
SCV WATER WELL N7
STATIC WATER LEVEL VS PRECIPITATION



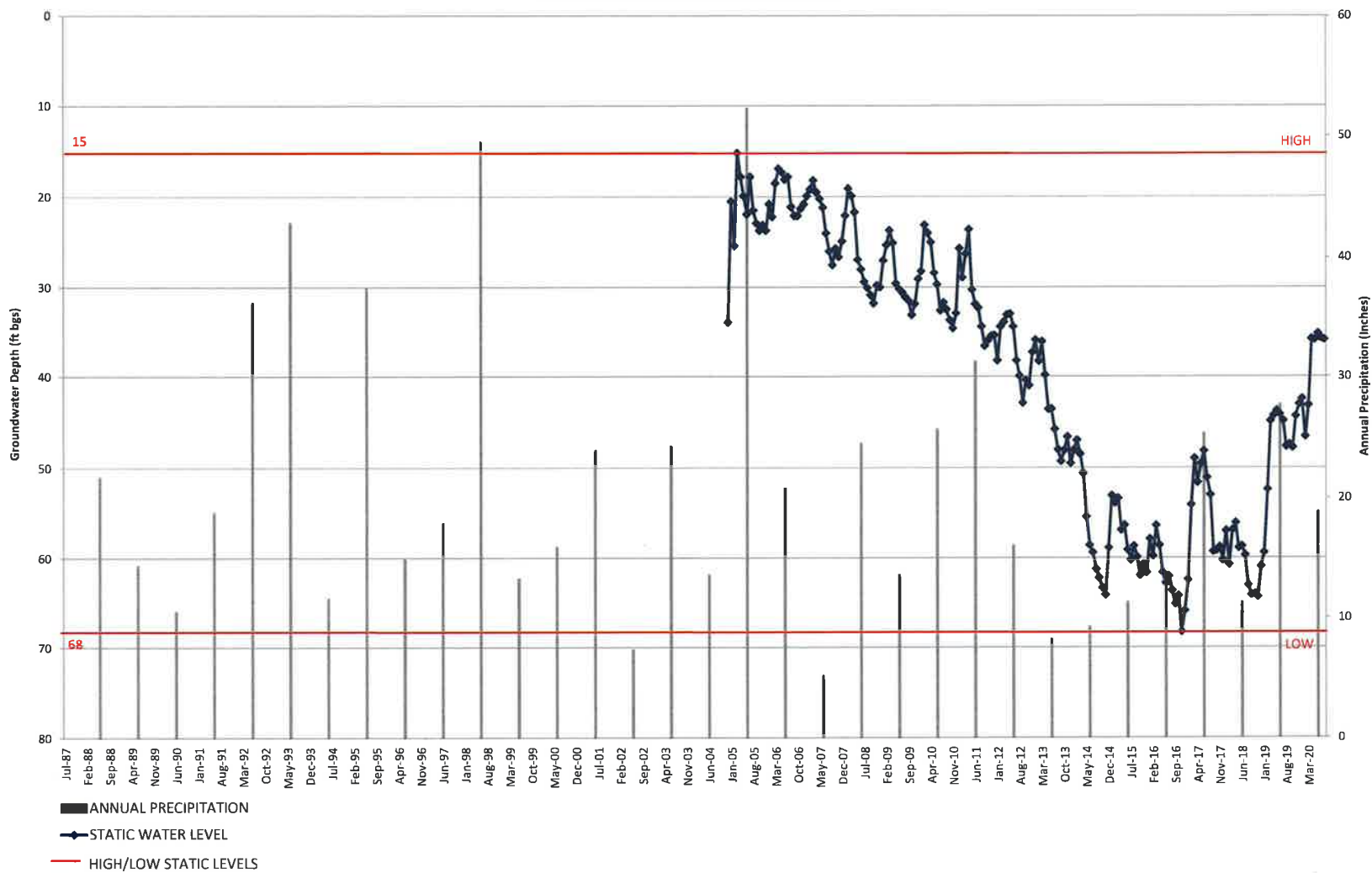
SCV WATER WELL N12
STATIC WATER LEVEL VS PRECIPITATION



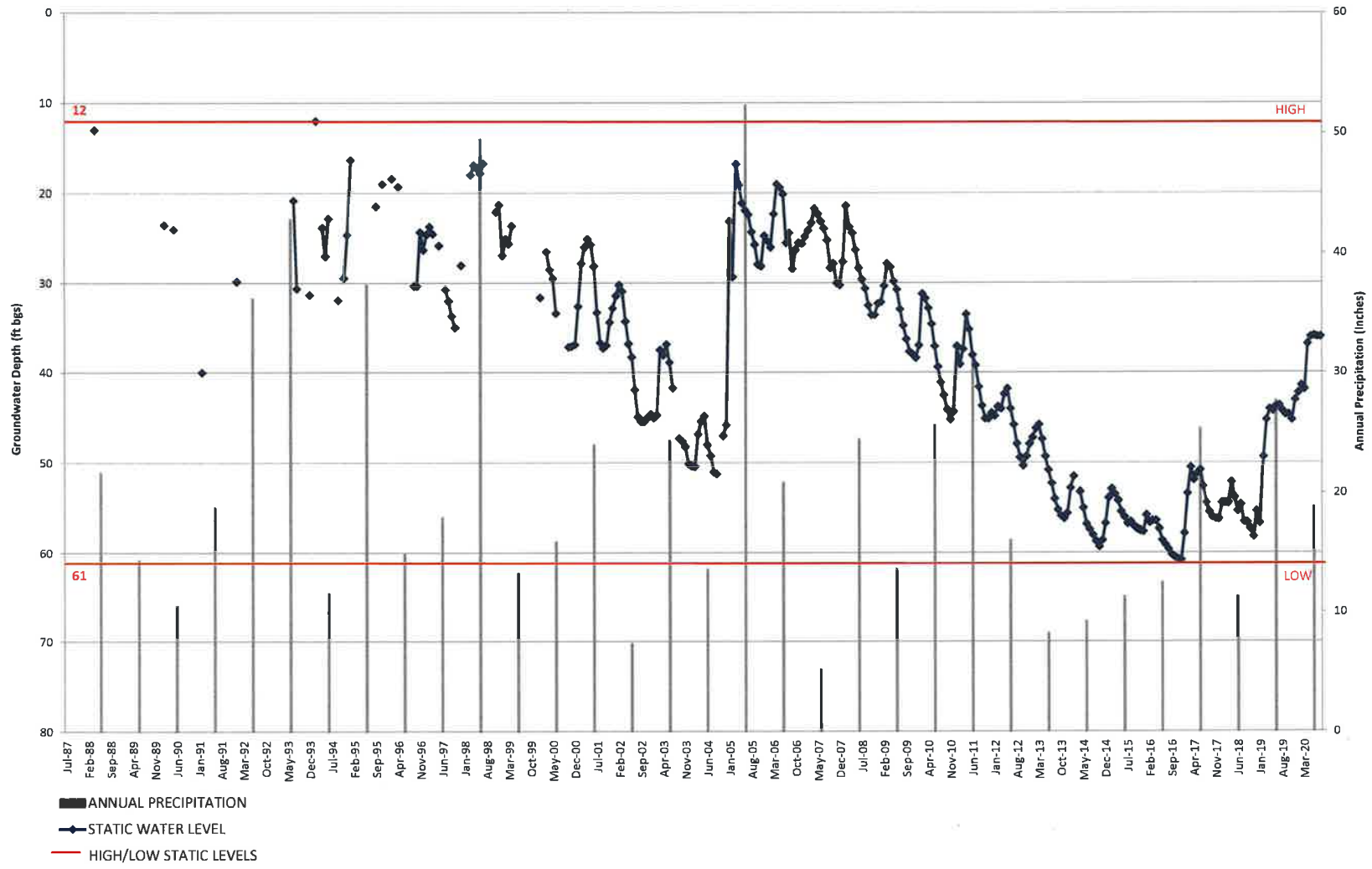
SCV WATER WELL N13
 STATIC WATER LEVEL VS PRECIPITATION



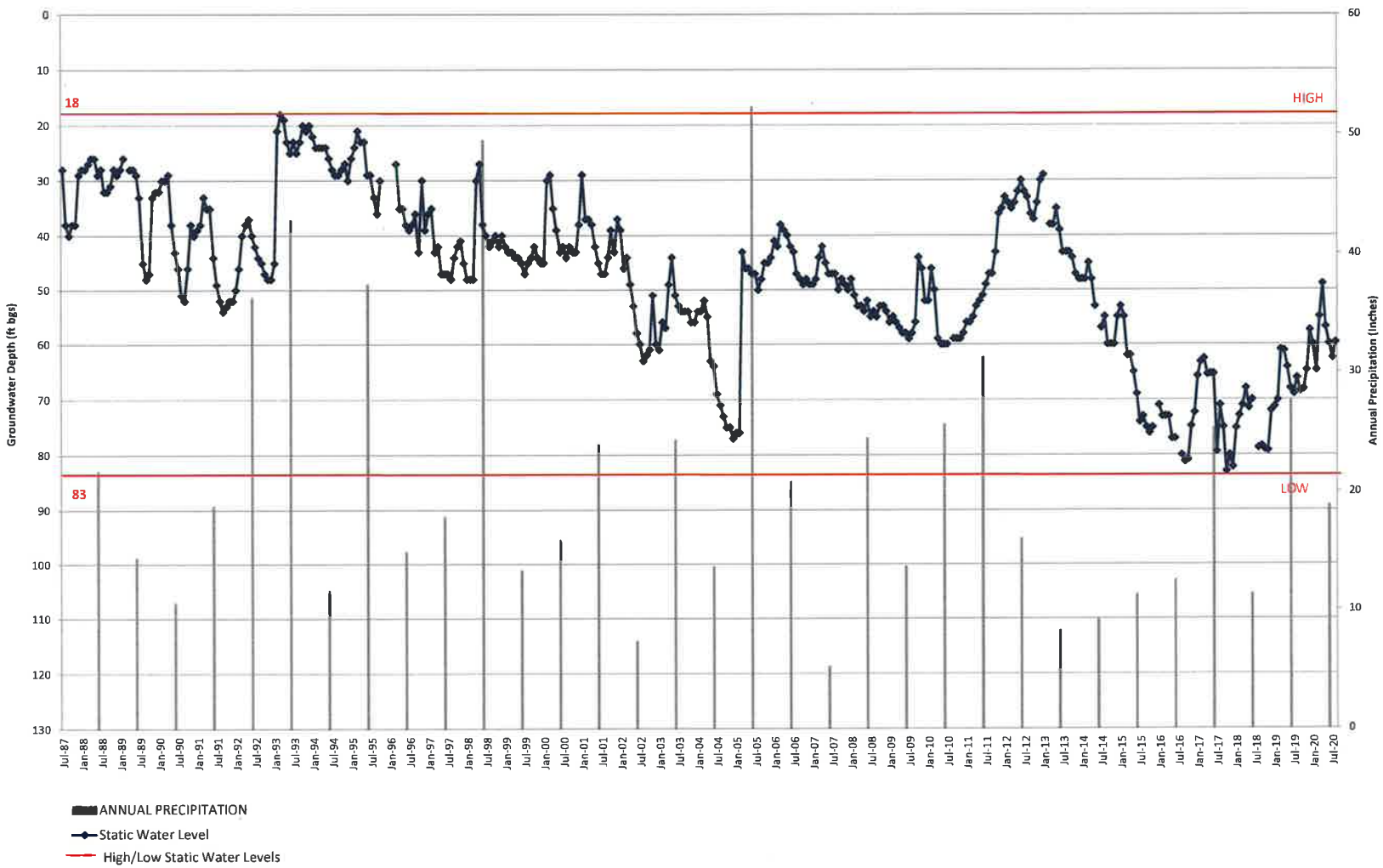
SCV WATER WELL N8
STATIC WATER LEVEL VS PRECIPITATION



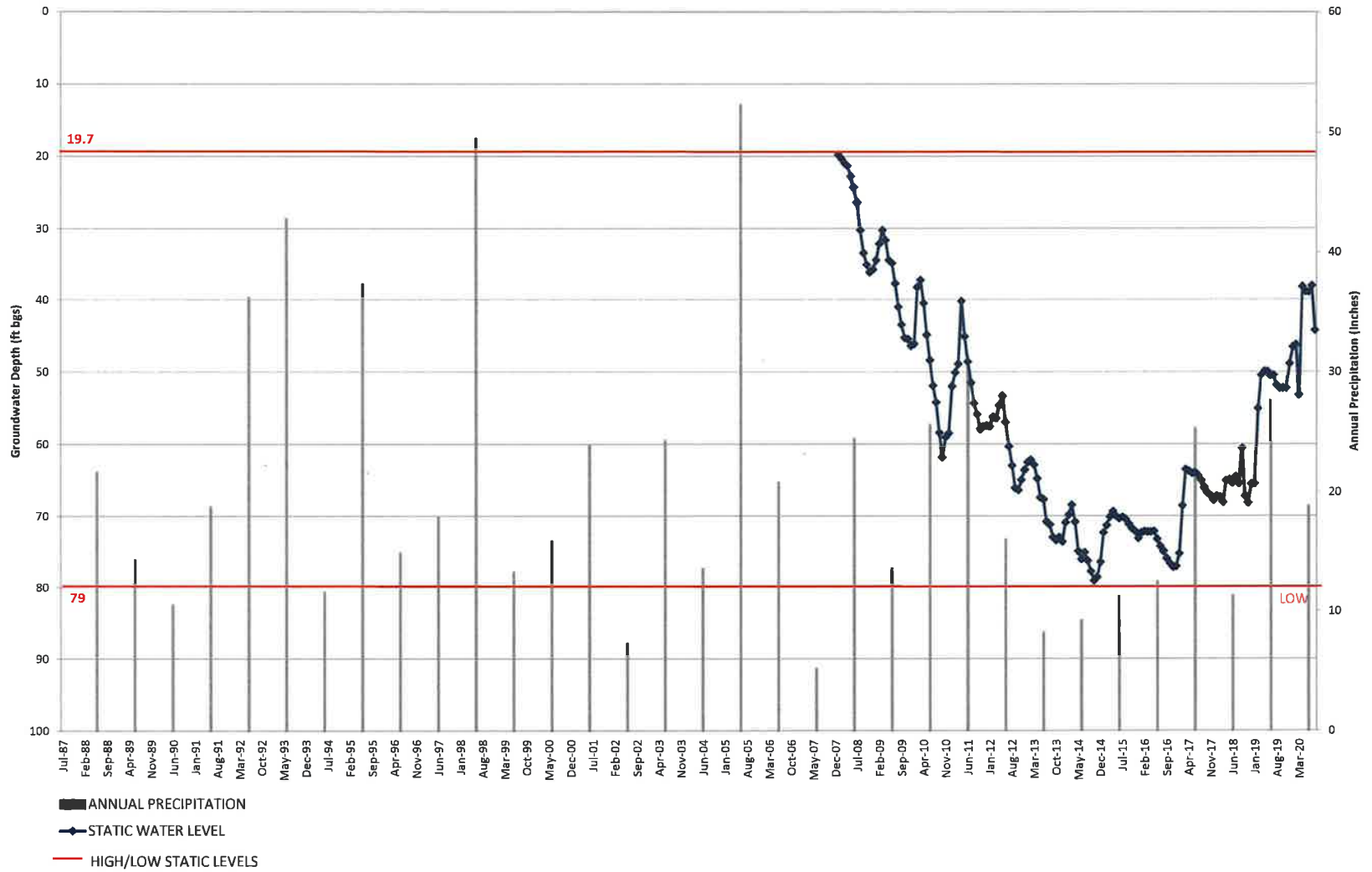
SCV WATER WELL Q2
STATIC WATER LEVEL VS PRECIPITATION



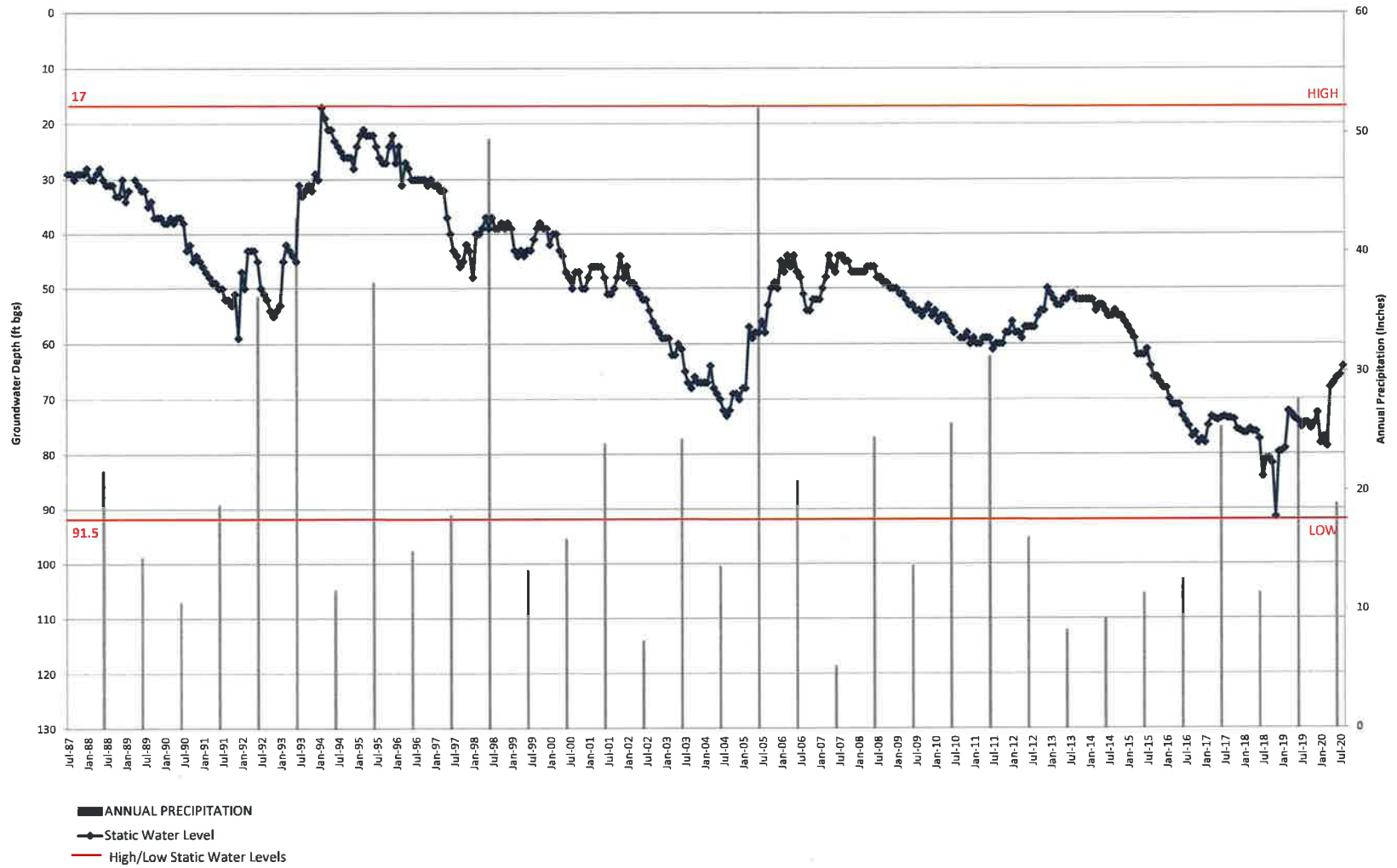
SCV WATER WELL GUIDA #14
STATIC WATER LEVEL VS PRECIPITATION



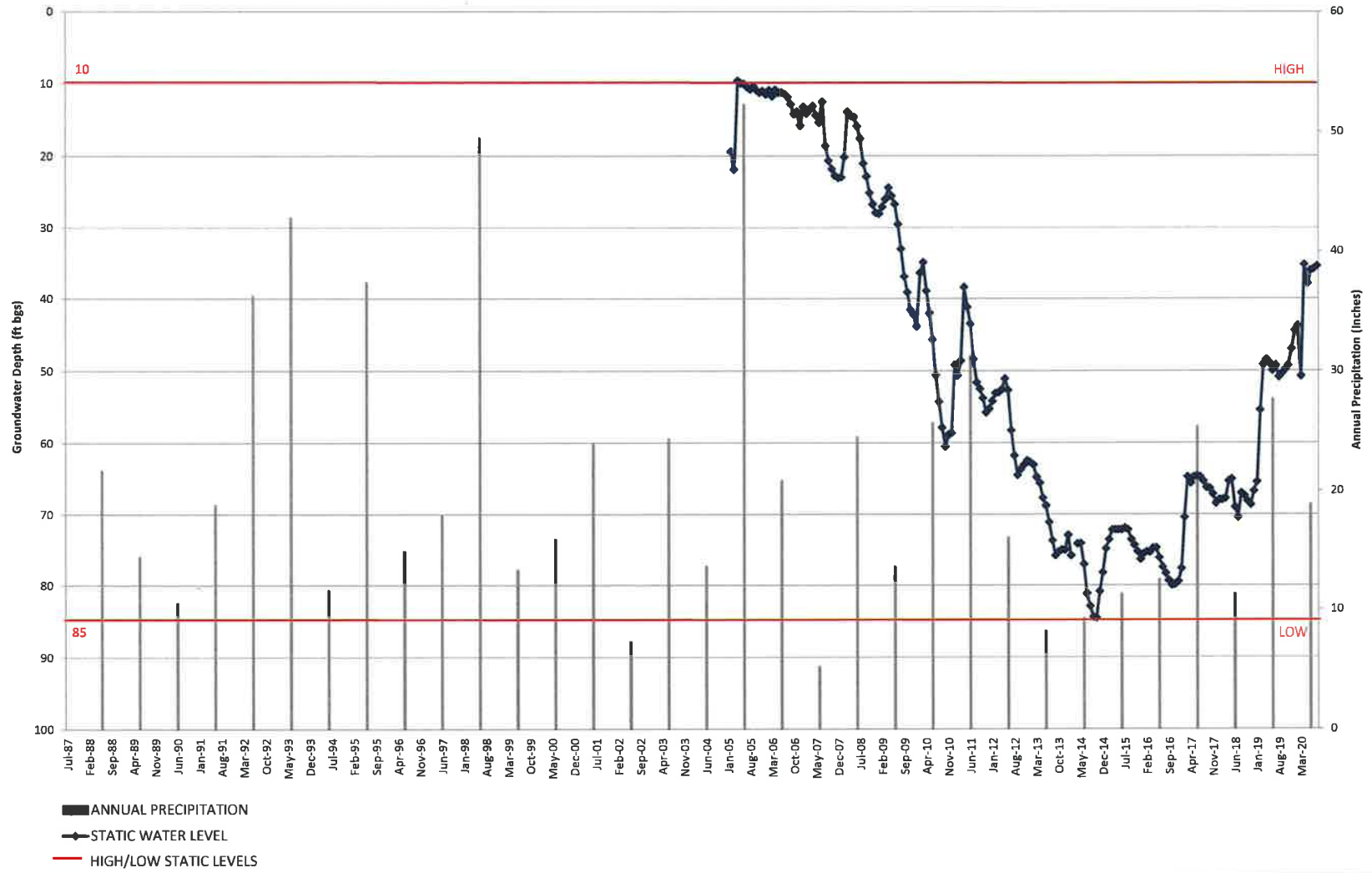
SCV WATER WELL T7
STATIC WATER LEVEL VS PRECIPITATION



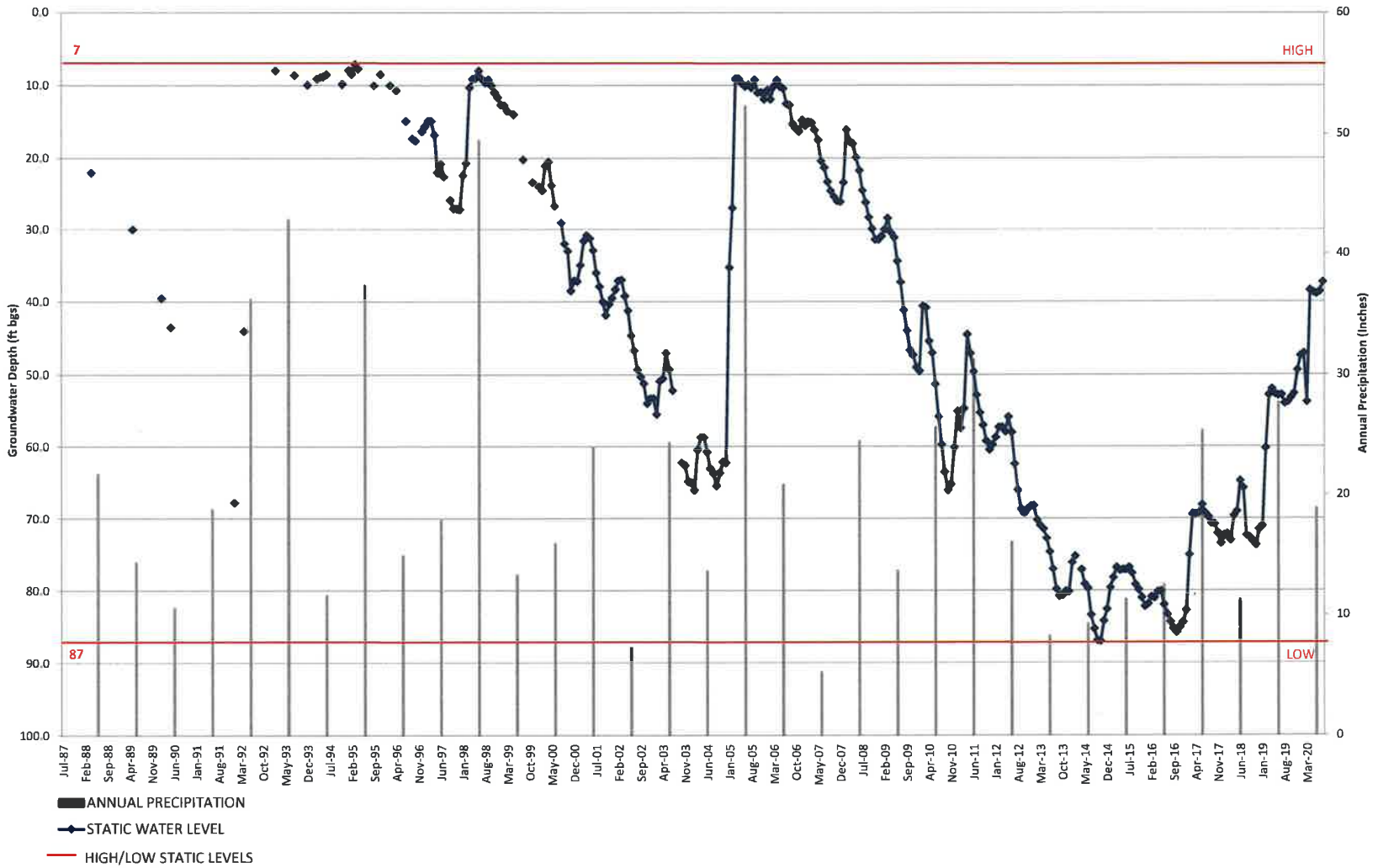
SCV WATER WELL CLARK #15
STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL U6
STATIC WATER LEVEL VS PRECIPITATION



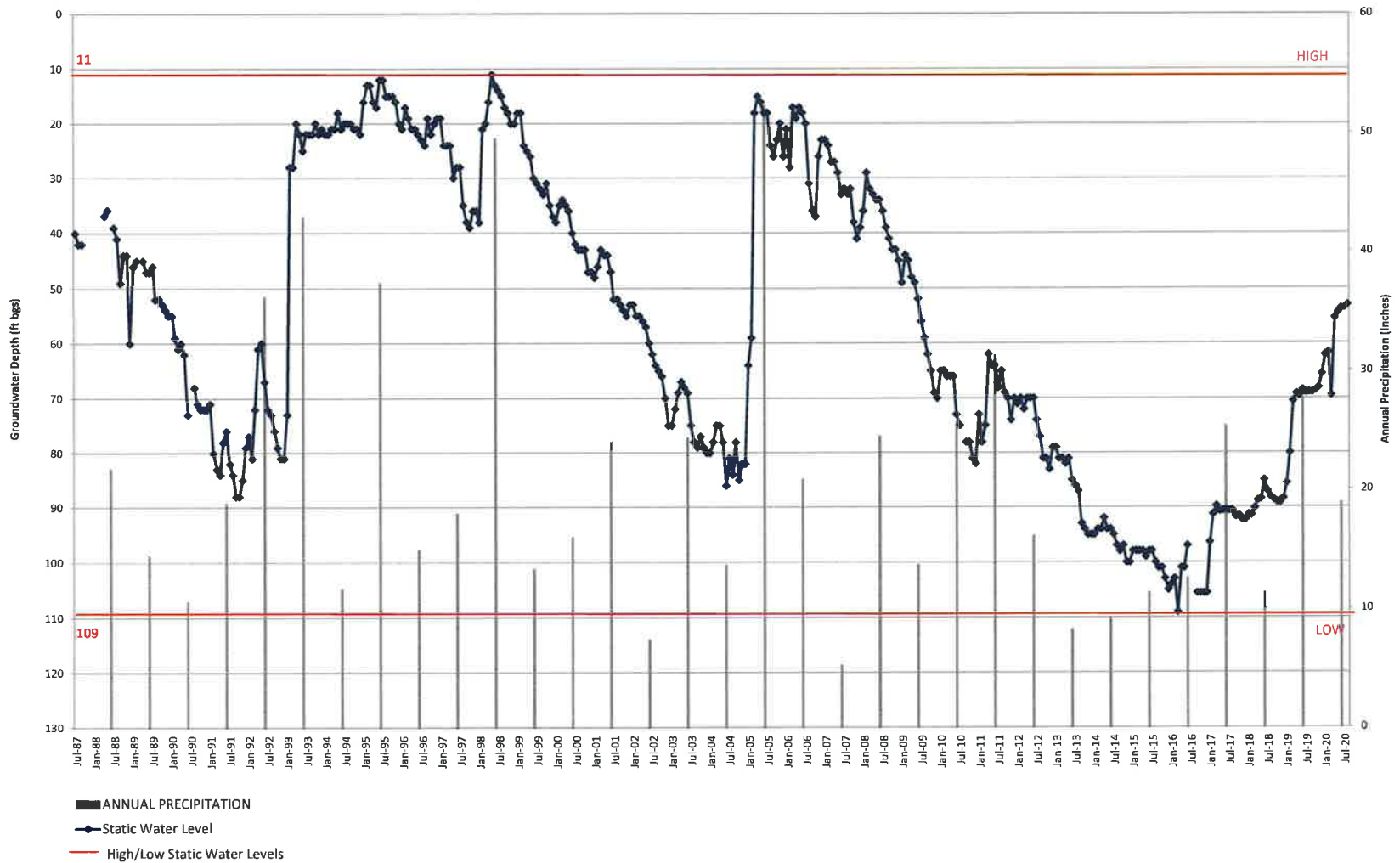
SCV WATER WELL U4
STATIC WATER LEVEL VS PRECIPITATION



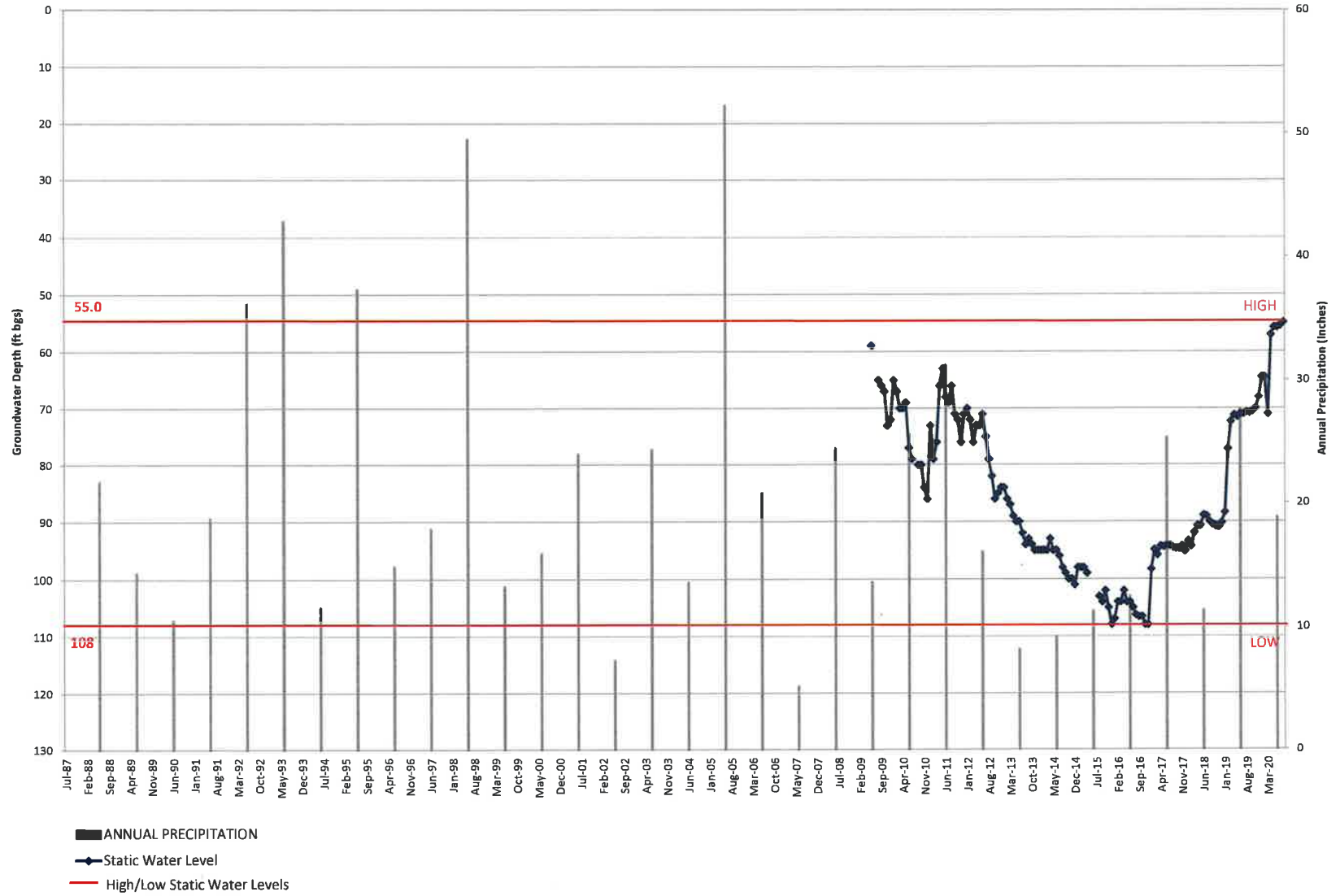
**SCV WATER WELL VALLEY CENTER
STATIC WATER LEVEL VS PRECIPITATION**



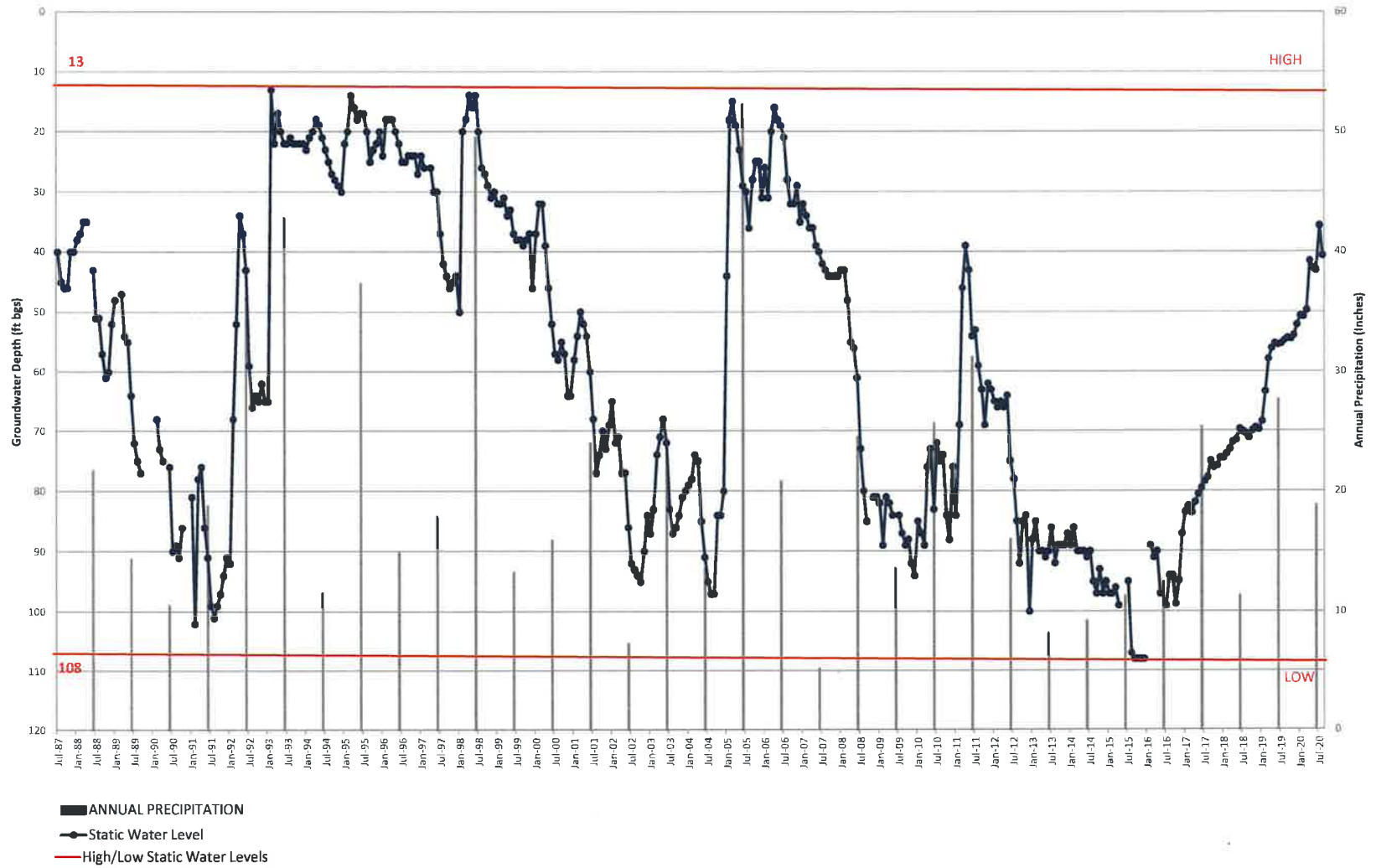
SCV WATER WELL HONBY #12
 STATIC WATER LEVEL VS PRECIPITATION



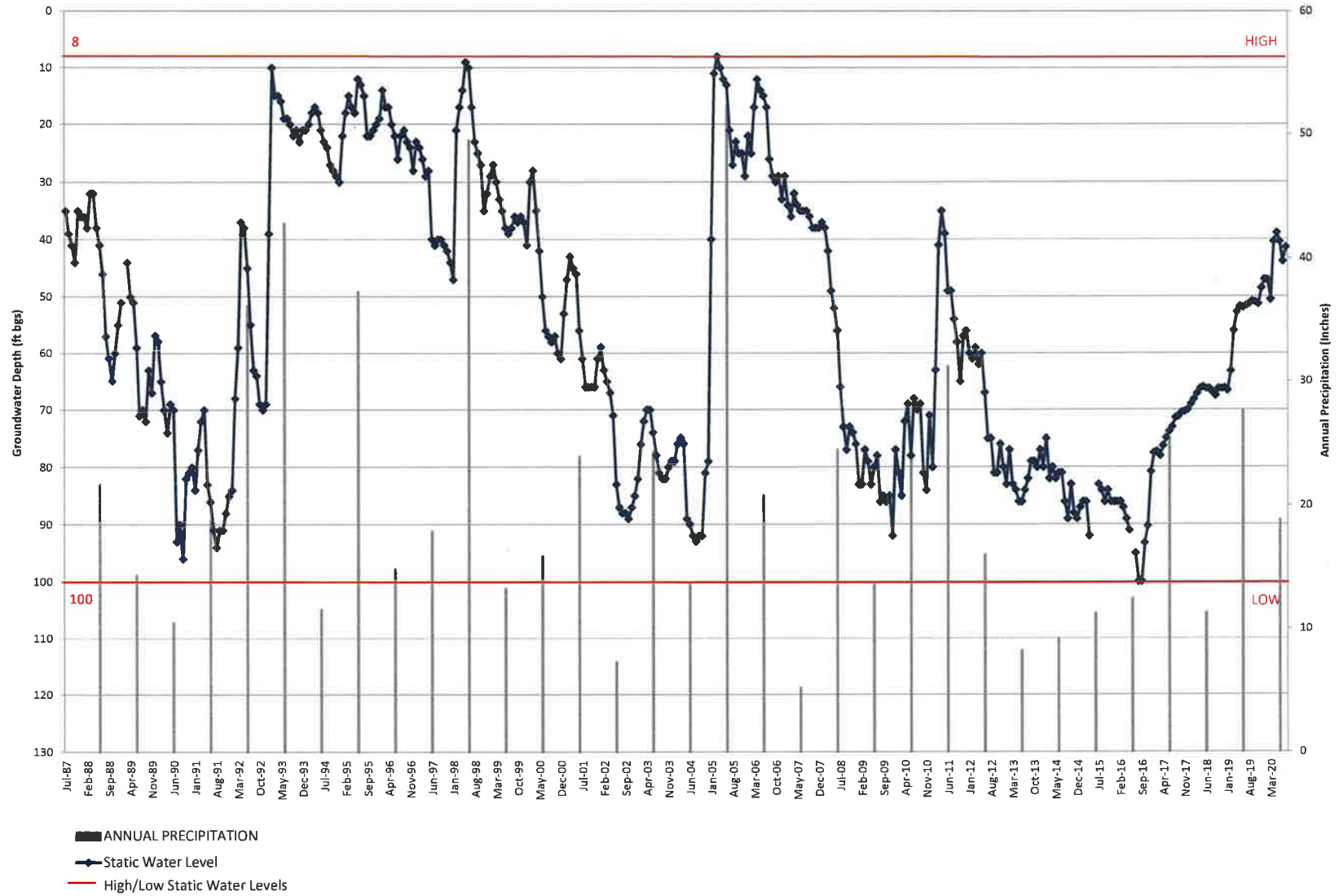
SCV WATER WELL SANTA CLARA
STATIC WATER LEVEL VS PRECIPITATION



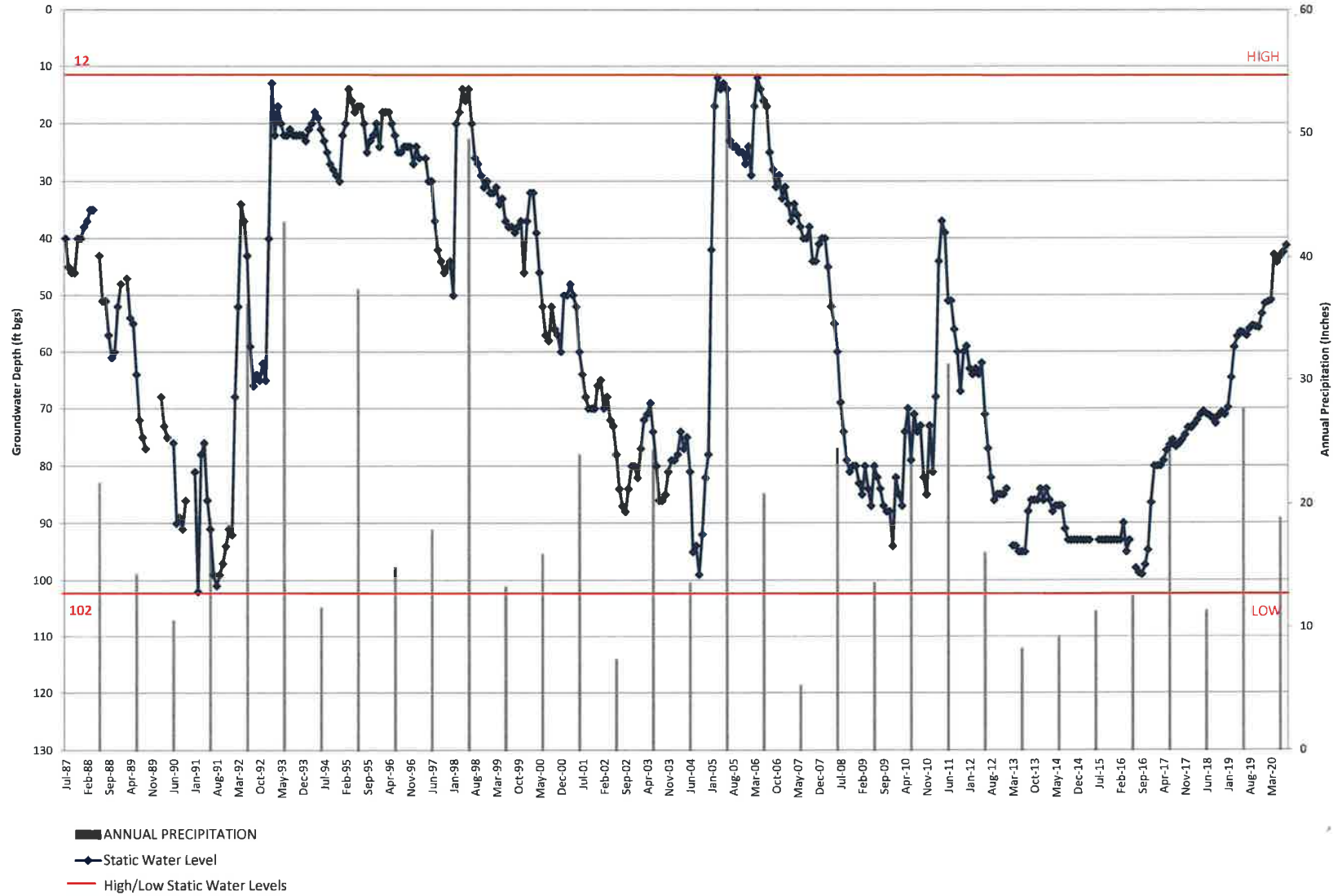
SCV WATER WELL NORTH OAKS CENTRAL #8
STATIC WATER LEVEL VS. PRECIPITATION



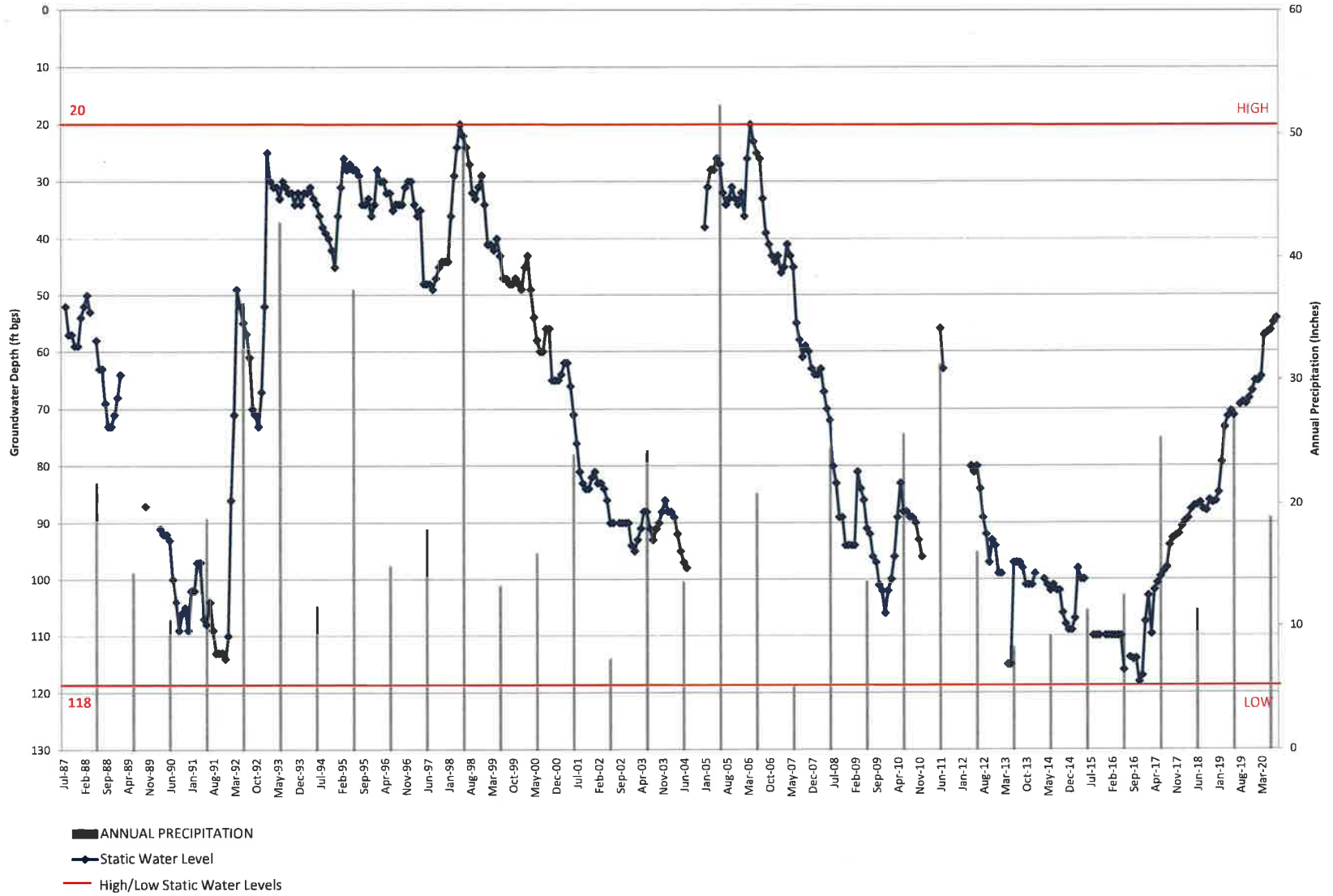
SCV WATER WELL NORTH OAKS WEST #9
STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL NORTH OAKS EAST #7
 STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL SIERRA #6
STATIC WATER LEVEL VS PRECIPITATION



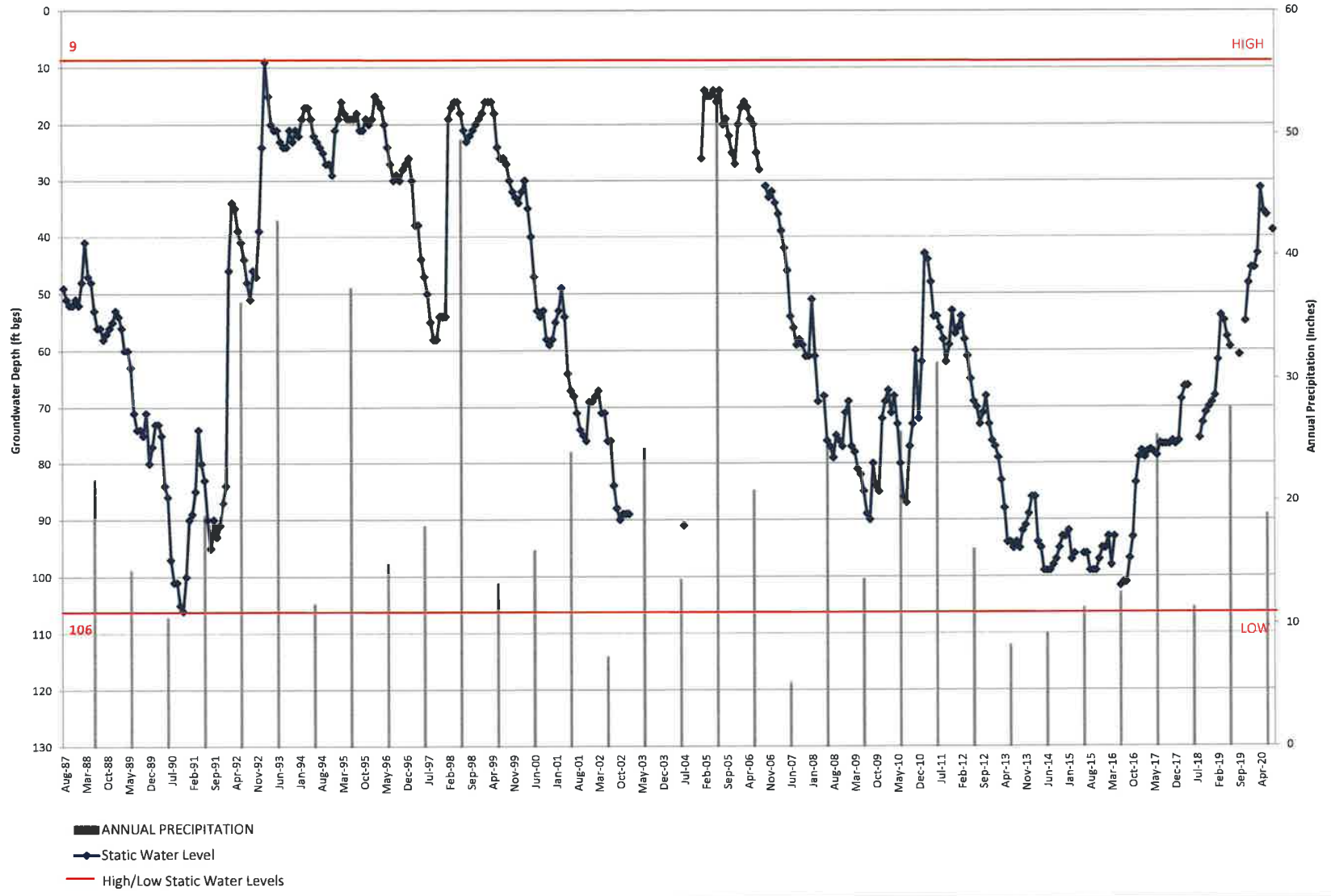
SCV WATER WELL MITCHELL #5A
 STATIC WATER LEVEL VS PRECIPITATION



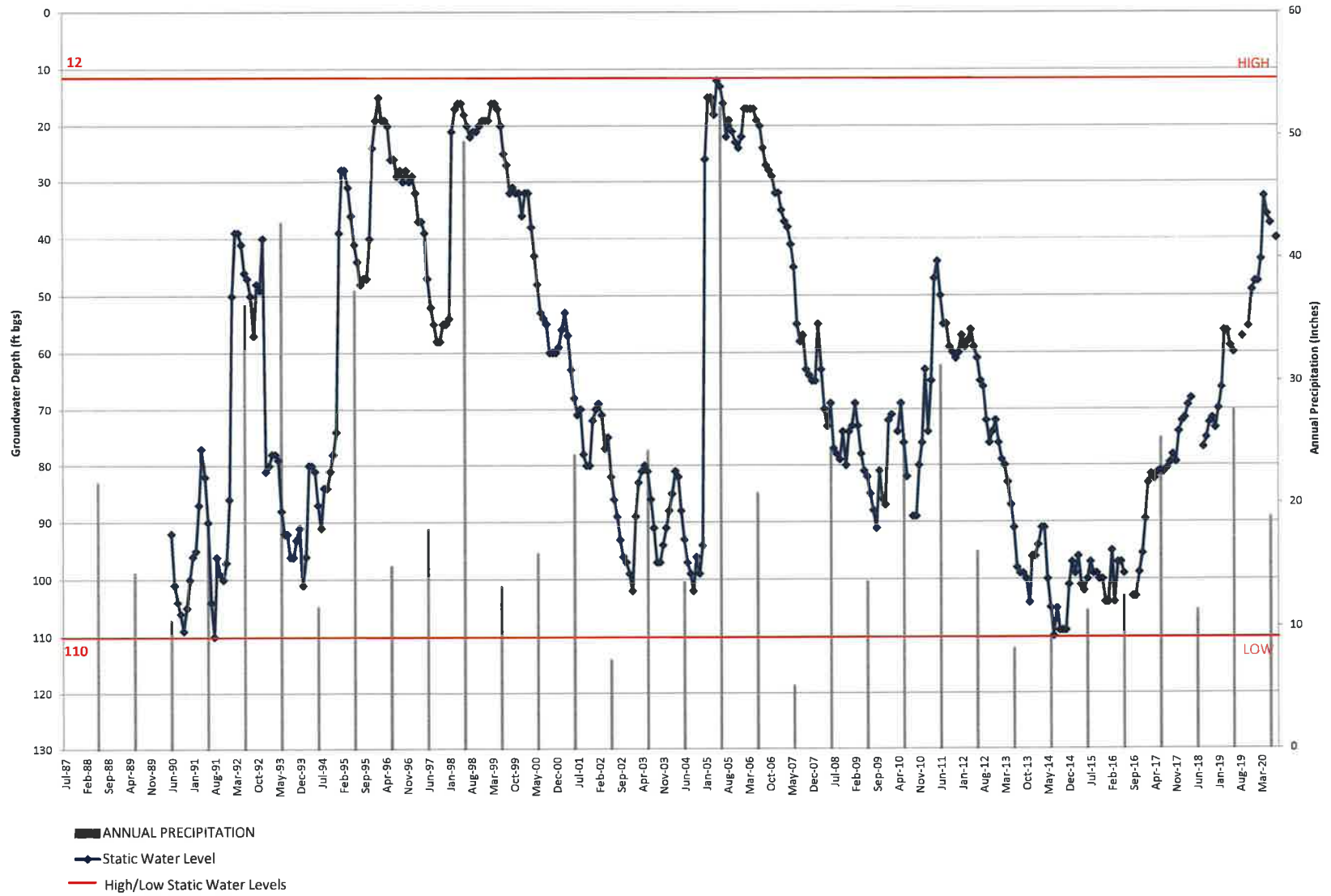
SCV WATER WELL MITCHELL #5B
 STATIC WATER LEVEL VS PRECIPITATION



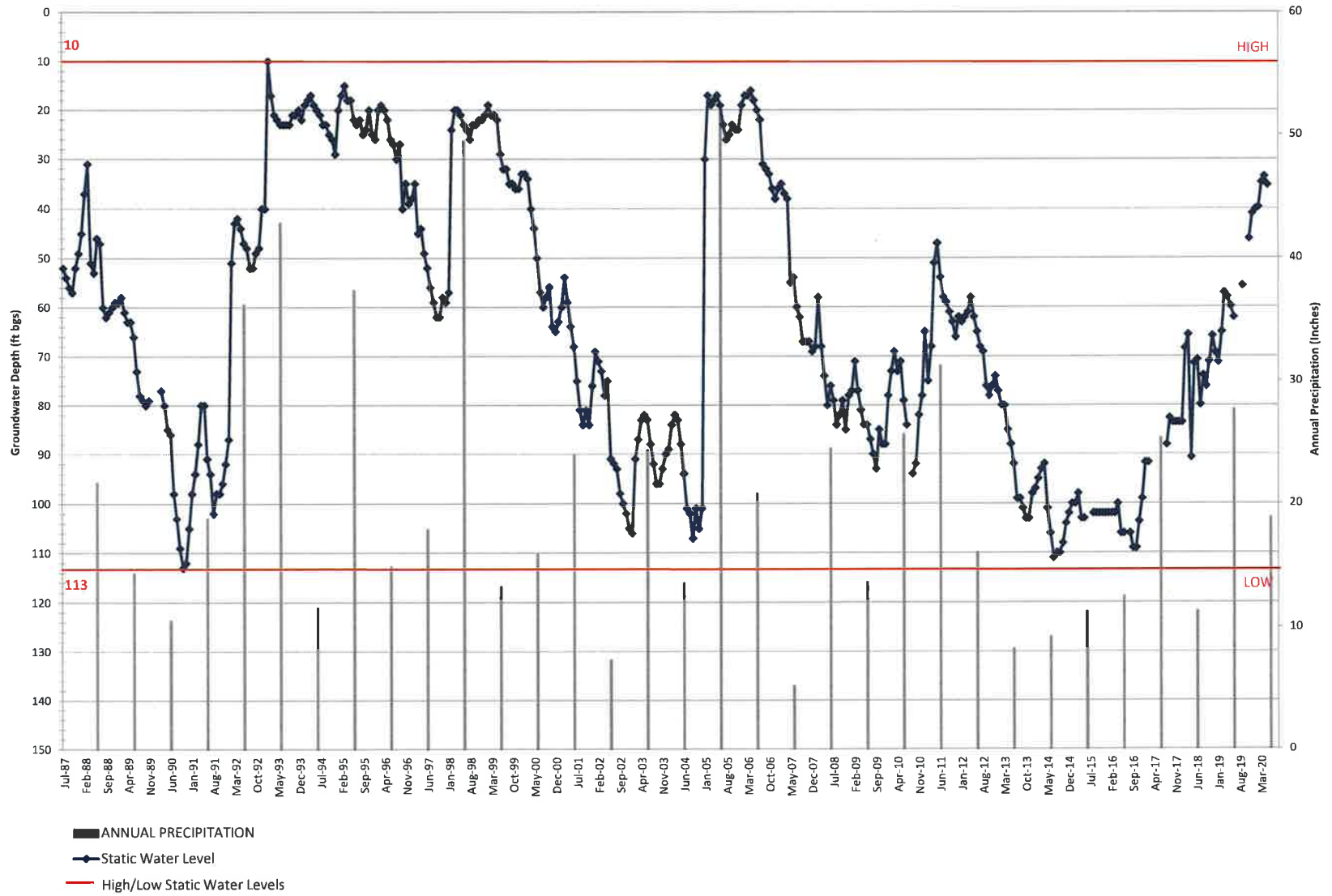
SCV WATER WELL SAND CANYON #3
STATIC WATER LEVEL VS PRECIPITATION



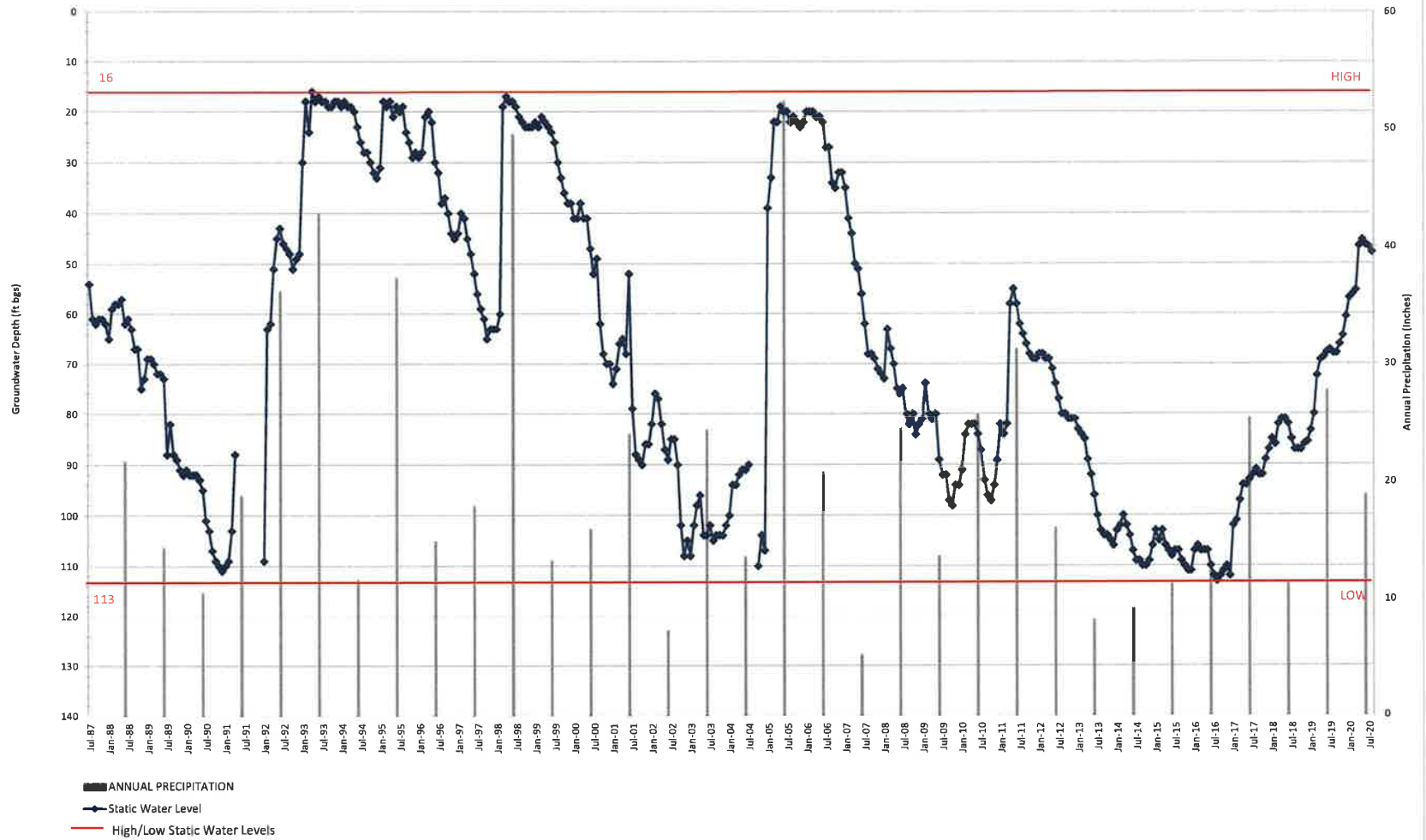
SCV WATER WELL LOST CANYON #2A
STATIC WATER LEVEL VS PRECIPITATION



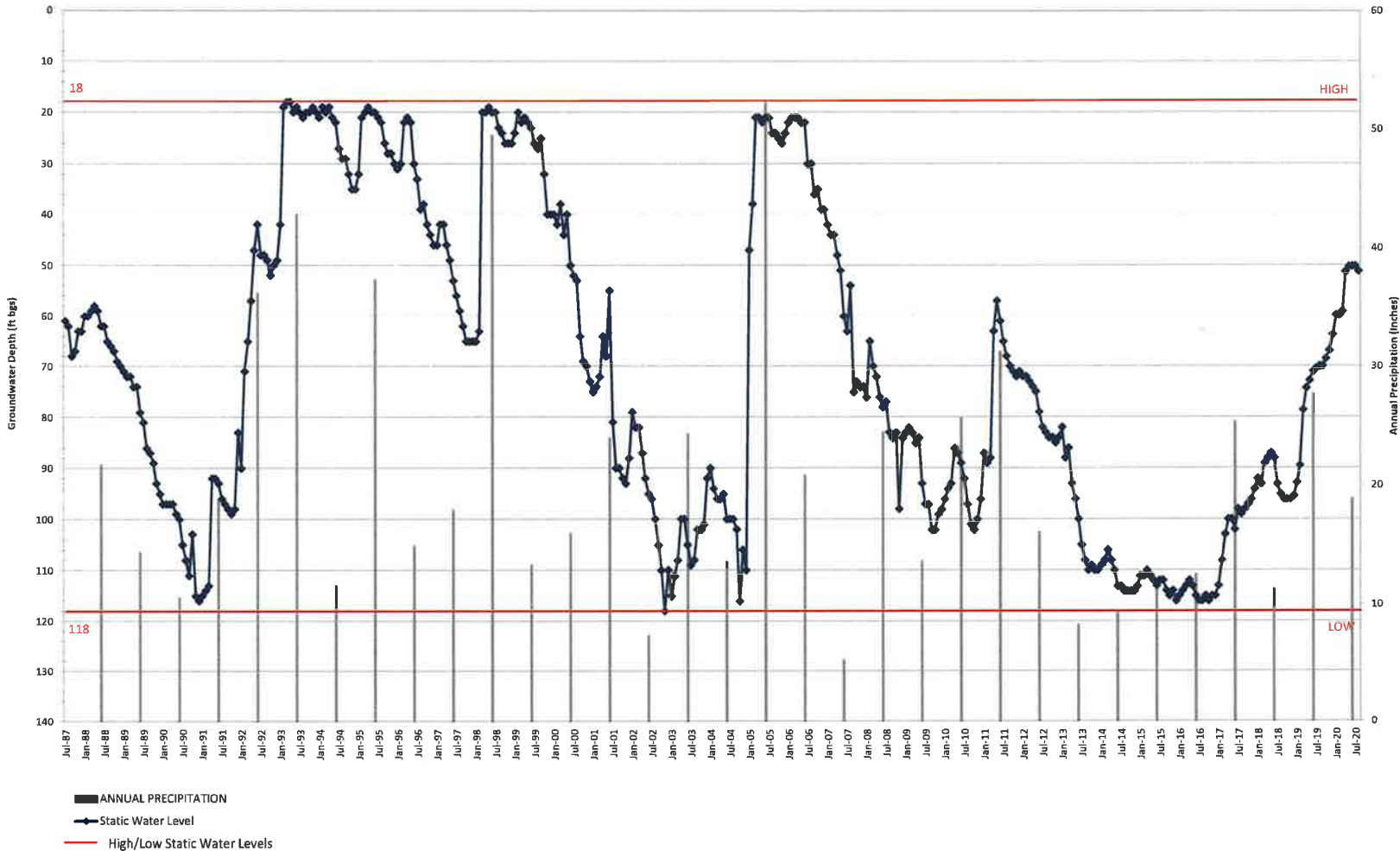
SCV WATER WELL LOST CANYON #2
STATIC WATER LEVEL VS PRECIPITATION



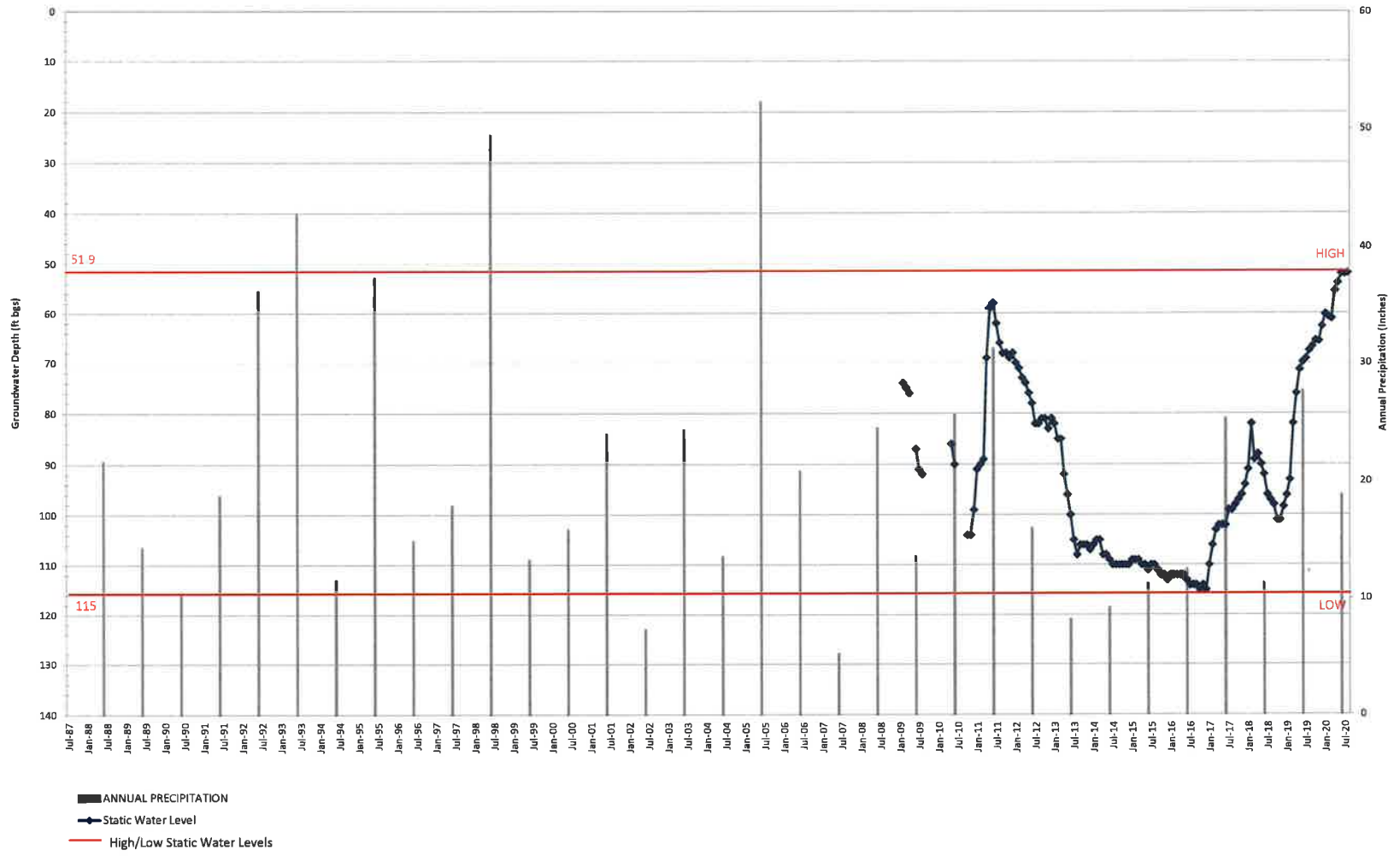
SCV WATER WELL P4
STATIC WATER LEVEL VS PRECIPITATION



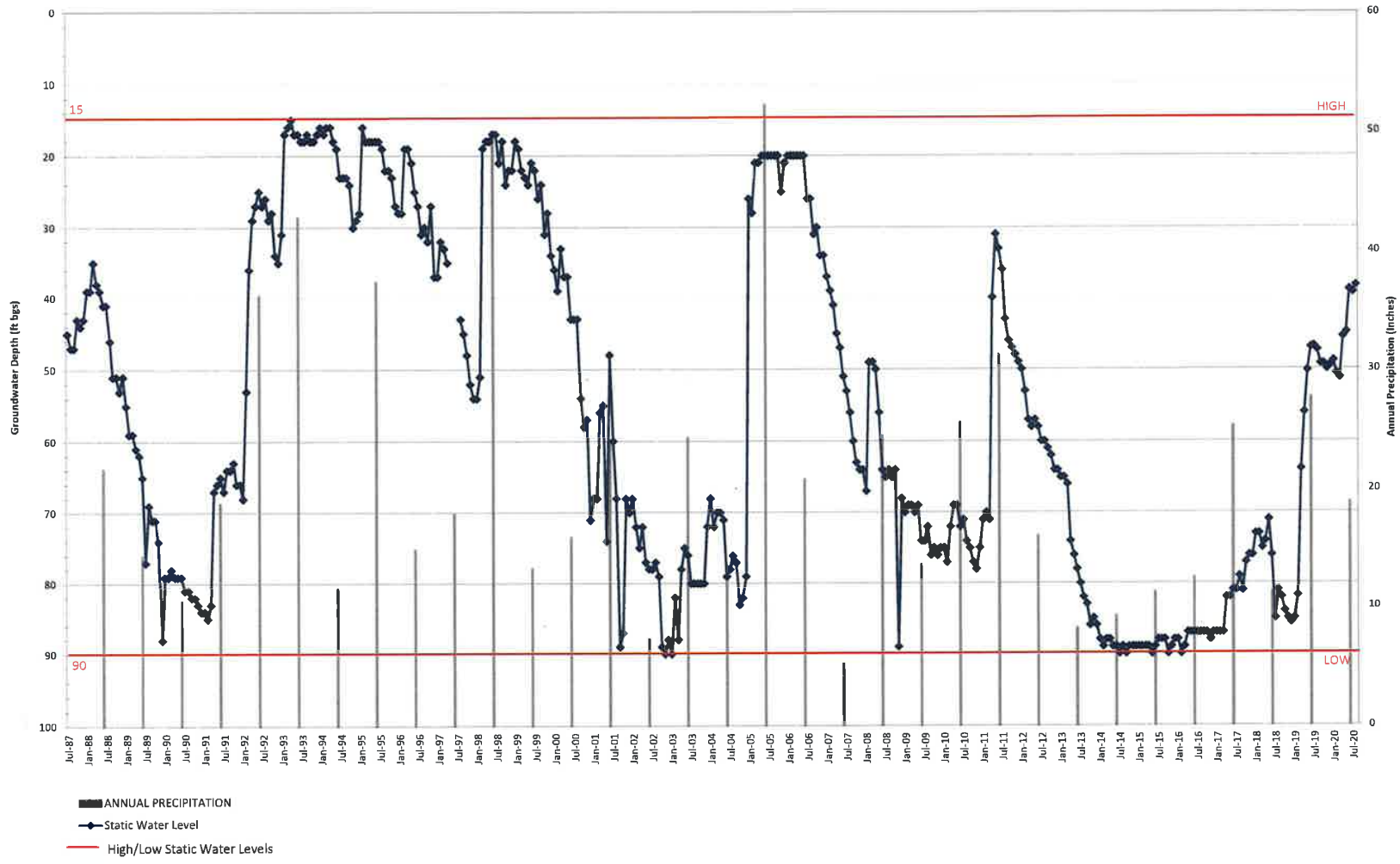
SCV WATER WELL P3
STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL P5
STATIC WATER LEVEL VS PRECIPITATION



SCV WATER WELL P1
STATIC WATER LEVEL VS PRECIPITATION



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**Santa Clarita Valley Water Agency
Capital Improvement Projects (CIP) Construction Status Report
As of September 15, 2020**

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
PFAS Groundwater Treatment Project and Well Q2 Perchlorate Removal Facility - Vessels Purchase	Evoqua Water Technologies, LLC.	\$1,727,960	\$3,074	0.2%	\$1,731,934	October 1, 2020	95%	Vessels for the N-Wells have been delivered. The Well Q-2 vessels are set for September 2020 delivery.
PFAS Groundwater Treatment Project and Well Q2 Perchlorate Removal Facility - Site Construction	Pacific Hydrotech Corporation	\$4,515,000	\$32,818.63	0.7%	\$4,547,818.63	October 17, 2020	60%	Resin has been installed at the N-Wells and site construction is in progress. Well Q2 concrete pad has been constructed.
West Ranch Recycled Water Main Extension (Phase 2D)	Cedro Construction Inc.	\$3,112,332	\$0	\$0	\$3,112,332	September 26, 2020	50%	Pipeline construction is in progress. Pipe installation is 95% complete. Work around the pump station continues.
Magic Mountain Pipeline Phase 4	FivePoint / Toro Enterprises	\$3,084,725	\$294,130.72	9.5%	\$3,378,855.72	December 31, 2020	90%	Construction activities are on hold.
Magic Mountain Pipeline Phase 5	FivePoint / Toro Enterprises	\$3,269,978.85	\$0	0%	\$3,269,978.85	December 31, 2020	90%	Construction activities are on hold.
Magic Mountain Pipeline Phase 6A	FivePoint / Toro Enterprises	\$7,168,844.85	\$0	0%	\$7,168,844.85	April 1, 2021	16%	Construction activities are on hold.
Magic Mountain Pipeline Phase 6B	FivePoint / Leatherwood Construction	\$4,568,687.07	\$0	0%	\$4,568,687.07	June 30, 2021	0%	FivePoint is preparing the construction contract documents with Leatherwood Construction.

Project	Contractor	Original Contract Amount	Change Orders to Date	% Change Orders	Current Contract Amount	Scheduled Completion	Estimated % of Work Completed	Status
Vista Canyon Recycled Water Main Extension (Phase 2B)	Ferreira Construction Co., Inc.	\$2,752,982	\$21,971	0.8%	\$2,774,953	January 5, 2021	40%	3,500 feet of pipeline has been installed.
Replacement (Saugus 3 & 4) Wells	Best Drilling & Pump, Inc.	\$5,615,052	\$0	0%	\$5,615,052	To be determined	0%	Notice of Award has been issued.
Westridge Recycled Tank Upgrades Potable Make-up Above Ground Piping	W.A. Rasic Construction Company, Inc.	\$475,810	\$0	0%	\$475,8810	To be determined	0%	Notice of Award has been issued.

**Engineering and Operations Committee
Planning Calendar
FY 2020/21**

**ITEM NO.
5**

Item	PowerPoint Presentation (Y/N/Length)	Jul 1 Comm	Jul 7 Board	Aug 4 Board	Aug 6 Comm	Aug 18 Board	Sep 1 Board	Sep 3 Comm	Sep 15 Board	Oct 1 Comm	Oct 6 Board	Oct 20 Board	Nov 3 Board	Nov 5 Comm	Nov 17 Board	Dec 7 Comm	Dec 15 Board	Jan 5 Board	Jan 7 Comm	Feb 2 Board	Feb 4 Comm	Mar 2 Board	Mar 4 Comm	Apr 1 Comm	Apr 6 Board	May 4 Board	May 10 Comm	Jun 1 Board	Jun 3 Comm	Jul 6 Board
		1	Monthly Committee Planning Calendar		C		C			C		P					P				P		P		P				P	
2	CIP Construction Status Report		C		C			C		P					P				P		P		P				P		P	
3	Monthly Operations and Production Report		C		C			C		P					P				P		P		P				P		P	
4	Third Party Funded Agreements Quarterly Report				C										P							P					P			
5	Quarterly Safety Program Presentation				C										P						P						P			
6	Annual Safety Program Update (FY 19-20)							C																						
7	Recommend Approval of a Resolution Awarding a Construction Contract, a Purchase Order for Construction Management and Inspection Services, and a Purchase Order for Consultant Services for Replacement Wells Construction		C	C																										
8	Recommend Approval of a Resolution Awarding a Purchase Order for Design Services for the Replacement Wells On-Site Pipeline/Infrastructure		C	C																										
9	Recommend Approval of a Resolution Awarding a Construction Contract for the Recycled Water Tank Aboveground Piping Potable Make-Up Line Project		C	C																										
10	Recommend Approval of a Purchase Order for Final Design Services for Valley Center Well PFAS Groundwater Treatment		C	C																										
11	Recommend Approval of Purchase of Replacement Clarifier Media at Earl Schmidt Filtration Plant				C	C																								
12	Laboratory PFAS Analytical Equipment Purchase				C	C																								
13	Recommend Approval of a Purchase Order for Final Design Services for Recycled Water Tank at an Alternate Site for Recycled Water Vista Canyon (Phase 2B) Project				C	C																								
14	Recommend that the Board of Directors Reject all Bids Associated with the Santa Clarita Valley Water Agency Slurry Seal and Asphalt Installation Project for the Rio Vista Treatment Plant Location								C	C																				
15	Recommend Approval of the Installation of Approximately 400 feet of 30" Diameter Pipeline Along Ridge Route Road								C	C																				
16	Recommend Approval of the installation of Approximately 1,500 feet of 14" Diameter Pipeline Along Decoro Drive								C	C																				
17	Recommend Approval of the Installation of Approximately 1,500 feet of 12" Diameter Pipeline Along The Old Road								C	C																				
18	Recommend Approval of the Installation of Approximately 130 feet of 18" Diameter Pipeline Along Honby Avenue								C	C																				
19	Recommend Approval of a Purchase Order for Final Design Services for Santa Clara and Honby Wells PFAS Groundwater Treatment Improvements								C	C																				

C = Completed Item
P = Planned Item

**Engineering and Operations Committee
Planning Calendar
FY 2020/21**

	Item	PowerPoint Presentation (Y/N/Length)	Jul 1 Comm	Jul 7 Board	Aug 4 Board	Aug 6 Comm	Aug 18 Board	Sep 1 Board	Sep 3 Comm	Sep 15 Board	Oct 1 Comm	Oct 6 Board	Oct 20 Board	Nov 3 Board	Nov 5 Comm	Nov 17 Board	Dec 7 Comm	Dec 15 Board	Jan 5 Board	Jan 7 Comm	Feb 2 Board	Feb 4 Comm	Mar 2 Board	Mar 4 Comm	Apr 1 Comm	Apr 6 Board	May 4 Board	May 10 Comm	Jun 1 Board	Jun 3 Comm	Jul 6 Board	
			20	Recommend Approval of the General Manager to execute construction change orders up to seven percent (7%) of the original construction contract for the West Ranch Recycled Water Main Extension (Phase 2D)	Yes 10 min							C	C																			
21	Recommend Approval of a Resolution Awarding a Material Purchase Contract for Valley Center Well	Yes 10 min									P		P																			
22	Recommend Approval of Construction Contract Funding and a Purchase Order for Inspection Services for Replacement Wells Commerce Center Drive Pipeline	Yes 10 min										P																				
23	Recommend Approval of a Resolution for a Construction Contract, a Purchase Order for Engineering Services During Construction, and a Purchase Order for Construction Management and Inspection Services for the Rio Vista Water Treatment Plant Chlorine Scrubber Replacement Project	Yes 10 min														P	P															
24	Comprehensive Groundwater Resources and Well Equipment Evaluation	TBD														P		P														
25	Recommend Approval of a Purchase Order for Final Design Services for the new Deane Zone Tank, Disinfection Facility, Pump Station and Cost Sharing Agreement at Skyline Ranch	TBD														P		P														
26	Recommend Approval of Resolution Awarding Contract to TBD for Newhall Tank 2 Recoat and Repairs	TBD														P		P														
27	Recommend Approval of Resolution Authorizing SCV Water to Execute Water Service Agreement with State Water Resources Control Board and Los Angeles Residential Community	TBD															P		P													
28	Recommend Approval of a Work Authorization for Final Design of the Groundwater Treatment Improvements	TBD															P		P													
29	Recommend Approval of Resolution Awarding Construction Contract and Purchase Orders for Construction Management and Inspection Services and Engineering Services During Construction for ESFP Washwater Return and Sludge Systems Project	TBD																			P	P										
30	Recommend Approval of Resolution Awarding Contract to TBD for Hasley and Presley Tanks Exterior Recoat	TBD																			P	P										
31	Recommend Approval of Resolution Awarding Construction Contract for Pipeline to the Los Angeles Residential Community	TBD																				P	P									
32	Recommend Approval of a Purchase Order for Final Design of the Magic Mountain Reservoir	TBD																				P	P									
33	Recommend Approval of a Purchase Order for Final Design of the Magic Mountain Pump Station	TBD																				P	P									
34	Recommend Approval of a Purchase Order for Final Design Services for Well 205 Groundwater Treatment Improvements	Yes 10 min																				P	P									

C = Completed Item
P = Planned Item

**Engineering and Operations Committee
Planning Calendar
FY 2020/21**

	Item	PowerPoint Presentation (Y/N/Length)	Jul 1 Comm	Jul 7 Board	Aug 4 Board	Aug 6 Comm	Aug 18 Board	Sep 1 Board	Sep 3 Comm	Sep 15 Board	Oct 1 Comm	Oct 6 Board	Oct 20 Board	Nov 3 Board	Nov 5 Comm	Nov 17 Board	Dec 7 Comm	Dec 15 Board	Jan 5 Board	Jan 7 Comm	Feb 2 Board	Feb 4 Comm	Mar 2 Board	Mar 4 Comm	Apr 1 Comm	Apr 6 Board	May 4 Board	May 10 Comm	Jun 1 Board	Jun 3 Comm	Jul 6 Board	
			35	Recommend Approval of Resolution Adopting Mitigated Negative Declaration under California Environmental Quality Act for Construction of New Sand Canyon Plaza 1.5 MG Deane Tank	TBD																				P	P						
36	Recommend Approval of Purchase Order for Groundwater Modeling Services for Perchlorate Containment Evaluation	TBD																						P		P						
37	Recommend Approval of Resolution Awarding Construction Contract to TBD for Recycled Water Vista Canyon (Phase 2B) Tank	TBD																						P		P						
38	Recommend Approval of Construction of Pipeline in Sierra Highway from Dockweiler to Newhall Avenue	TBD																						P		P						
39	Recommend Approval of Construction of Pressure Reducing Station In Sierra Highway	TBD																						P		P						
40	Recommend Approval of Construction of New Sand Canyon Plaza (Deane Zone) Pump Station and Cost Sharing Agreement with Developer	TBD																						P		P						
41	Recommend Approval of Construction of a New Skyline Ranch (Deane Zone) Pump Station and Cost Sharing Agreement with Developer	TBD																												P	P	
42	Recommend Approval of Construction of New Skyline Ranch 2.1 MG Tanks (Deane Zone) and Cost Sharing Agreement with Developer	TBD																												P	P	
43	Recommend Approval of Construction of New Sand Canyon Plaza 1.5 MG Tank (Deane Zone) and Cost Sharing Agreement with Developer	TBD																												P	P	

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