



April 8, 2020

Steven Jones
Principal Regional Planner
Los Angeles County Department of Regional Planning
Hall of Records, 13th Floor
320 West Temple Street, Room 1382
Los Angeles, CA 90012

Re: Newhall Ranch Annual Groundwater Report for 2019

Dear Mr. Jones:

This correspondence and attachments are provided in compliance with the Newhall Ranch Specific Plan Final EIR Mitigation Measure 4.11-15 (below) to provide an annual report indicating the amount of groundwater used in Los Angeles County for irrigation.


4.11-15 Groundwater historically and presently used for crop irrigation on the Newhall Ranch Specific Plan site and elsewhere in Los Angeles County shall be made available by the Newhall Land and Farming Company, or its assignee, to partially meet the potable water demands of the Newhall Ranch Specific Plan. The amount of groundwater pumped for this purpose shall not exceed 7,038 AFY. This is the amount of groundwater pumped historically and presently by the Newhall Land and Farming Company in Los Angeles County to support its agricultural operations. Pumping this amount will not result in a net increase in groundwater use in the Santa Clarita Valley. To monitor groundwater use, the Newhall Land and Farming Company, or its assignee, shall provide the County an annual report indicating the amount of groundwater used in Los Angeles County and the specific land upon which that groundwater was historically used for irrigation. For agricultural land located off the Newhall Ranch Specific Plan site in Los Angeles County, at the time agricultural groundwater is transferred from agricultural uses on that land to Specific Plan uses, The Newhall Land and Farming Company, or its assignee, shall provide a verified statement to the County's Department of Regional Planning that Alluvial aquifer water rights on that land will now be used to meet Specific Plan demand. (emphasis added)

The information provided in the attached chart depicts the amount of irrigation water used on Newhall's Los Angeles County farm fields for crop season 2019, using the same methodology from the Final EIR (FEIR). Revised Table 2.5-32 from the FEIR is also attached showing the original information for the years 1996 – 2000 that served as the baseline for determining the estimated annual average usage of 7,038 acre feet. A map is also attached showing the specific land in Los Angeles County upon which the groundwater has historically been used.

Newhall's annual water use varies based upon the amount of irrigated acres, the type of irrigated crops and their water demand as determined by California Irrigation Management Information System.

If you have any questions regarding this letter or the attached exhibits, please contact me at (661) 255-4449.

Sincerely,

A handwritten signature in cursive script that reads "Alex Herrell".

Alex Herrell
Director, Community Development

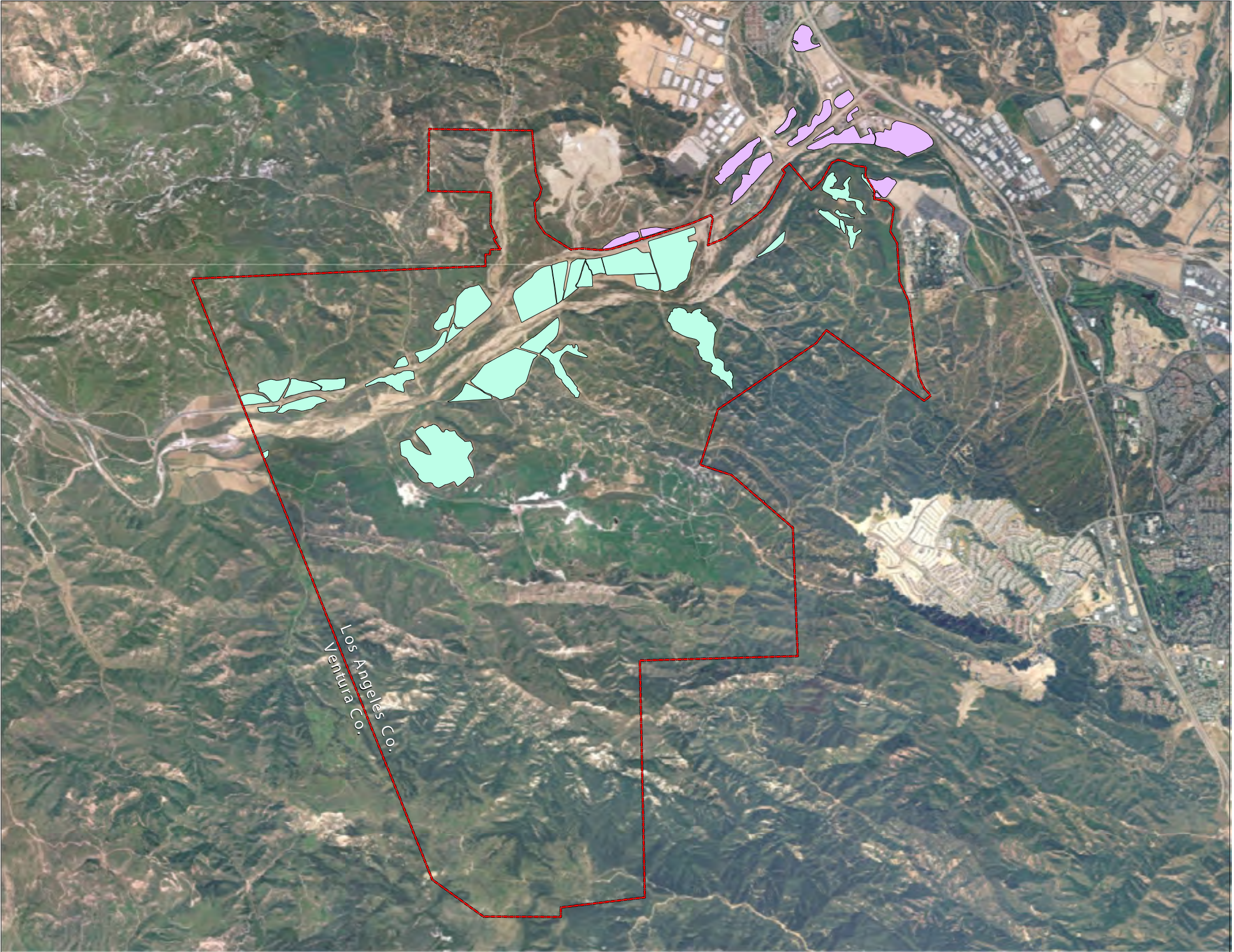
Newhall Ranch Specific Plan
2019 Annual Report
Los Angeles County Agriculture Water Use
Mitigation Measure 4.11 -15

Crop Type	Total Irrigated Acres	Adjusted CIMIS Water Use (af/ac)	Adjusted CIMIS Water Use (af/yr)	%of Water use by Crop	Total Pumped Water Based on SCE (af)	Allocation of Total Pumped Water By Crop (af/yr)	Acre Feet/ Year per Acre of Crop	LA Co. Irrigated Crops (acres)	LA Co. Crop Share Of Actual Pumped Water (af/yr)	LA Co. Crop Share Using Adjusted CIMIS (af/yr)
Citrus	273	4.4	1201	8.24%	10516	867	3.17			
Irrigated Pasture	1149	8.37	9614	65.96%		6937	6.04	642.6	3881	5379
Vegetables	366	7.18	2626	18.02%		1895	5.18	0	0	0
Sod	119	7.18	854	5.86%		616	5.18	119	616	854
Nursery	89	3.14	279	1.92%		202	2.27		0	
				100%		10516		762	4497	6233




Revised Table 2.5-32
Los Angeles County Agricultural Water Use
Using Adjusted CIMIS ET Data to Allocate Actual Water Pumped

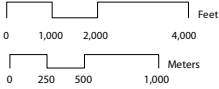
Year	Crop Type	Total Irrigated Acres	Adjusted CIMIS Water Use (af/ac)	Adjusted CIMIS Water Use (af/yr)	% of Water Use by Crop	Total Pumped Water Based on SCE (af)	Allocation of Total Pumped Water by Crop (af/yr)	Acre Feet/Year per Acre of Crop	LA Co. Irrigated Crops (acres)	LA Co. Crop Share of Actual Pumped Water (af/yr)	LA Co. Crop Share Using Adjusted CIMIS (af/yr)
2000	Citrus (furrow)	291	6.05	1,761	12.35%	13,798	1,704	5.86			
	Citrus (micro)	811	4.54	3,682	25.83%		3,565	4.40			
	Alfalfa (flood)	55	10.37	570	4.00%		552	10.04	55	552	570
	Sudan/pasture (flood)	150	10.37	1,556	10.91%		1,506	10.04	150	1,506	1,556
	Isd. Vegetables (sprinkler)	902	7.41	6,684	46.90%		6,471	7.17	722	5,180	5,350
					100.00%		13,798		927	7,238	7,476
1999	Citrus (furrow)	291	6.13	1,784	12.56%	16,131	2,025	6.96			
	Citrus (micro)	781	4.6	3,593	25.29%		4,079	5.22			
	Alfalfa (flood)	55	10.51	578	4.07%		656	11.93	55	656	578
	Sudan/pasture (flood)	150	10.51	1,577	11.10%		1,790	11.93	150	1,790	1,577
	Isd. Vegetables (sprinkler)	889	7.51	6,676	46.99%		7,580	8.53	709	6,046	5,325
					100.00%		16,131		914	8,492	7,479
1998	Citrus (furrow)	291	5.48	1,595	13.47%	11,477	1,546	5.31			
	Citrus (micro)	743	4.11	3,054	25.80%		2,961	3.99			
	Alfalfa (flood)	115	9.4	1,081	9.13%		1,048	9.11	115	1,048	1,081
	Sudan/pasture (flood)	100	9.4	940	7.94%		911	9.11	100	911	940
	Isd. Vegetables (sprinkler)	770	6.71	5,167	43.65%		5,010	6.51	590	3,839	3,959
					100.00%		11,477		805	5,798	5,980
1997	Citrus (furrow)	291	5.96	1,734	12.12%	14,862	1,801	6.19			
	Citrus (micro)	803	4.47	3,589	25.08%		3,727	4.64			
	Walnuts (micro)	33	4.47	148	1.03%		153	4.64			
	Alfalfa (flood)	160	10.22	1,635	11.42%		1,698	10.61	160	1,698	1,635
	Sudan/pasture (flood)	103	10.22	1,053	7.35%		1,093	10.61	103	1,093	1,053
	Isd. Vegetables (sprinkler)	843	7.3	6,154	43.00%		6,390	7.58	663	5,026	4,840
					100.00%		14,862		926	7,816	7,528
1996	Citrus (furrow)	291	5.96	1,734	12.84%	13,702	1,760	6.05			
	Citrus (micro)	801	4.47	3,580	26.51%		3,633	4.54			
	Walnuts (micro)	33	4.47	148	1.09%		150				
	Alfalfa (flood)	105	10.21	1,072	7.94%		1,088	10.36	105	1,088	1,072
	Sudan/pasture (flood)	170	10.21	1,736	12.85%		1,761	10.36	170	1,761	1,736
	Isd. Vegetables (sprinkler)	717	7.3	5,234	38.76%		5,311	7.41	537	3,978	3,920
					100.00%		13,702		812	6,826	6,728
Average						13,994	13,994		877	7,234	7,038

CIMIS = California Irrigation Management Information System. Does not include dryland farming or Christmas tree use.
af = acre-feet; ac = acres; yr = year.



L E G E N D

-  Newhall Ranch Specific Plan Boundary
-  Irrigated Agricultural Lands - NRSP
-  Irrigated Agricultural Lands - outside NRSP



FORMA
04-07-2003
agricultural_acres_040703.mxd

Newhall Land Historically Irrigated
Agricultural Areas within
Los Angeles County