



January 13, 2020

Patrick Kelly  
Water Rights Supervisor  
IDWR – Western Regional Office  
2735 Airport Way  
Boise, ID 83705

RECEIVED  
FEB 26 2020  
DEPARTMENT OF  
WATER RESOURCES

RECEIVED  
JAN 16 2020  
WATER RESOURCES  
WESTERN REGION

**Re: CITY OF MOUNTAIN HOME WATER RIGHTS – TRANSFER NO. 78173: REQUEST FOR REMOVAL OF CONDITION OF APPROVAL**


Dear Mr. Kelly:

The purpose of this document is to officially request the Idaho Department of Water Resources (Department) to remove the condition of approval in Transfer No. 78273, for applicable water rights, which states:

“Starting January 15, 2016, and continuing every January 15 until notified by the department, the right holder shall submit a report annually to the department demonstrating that the water diverted under rights 61-2167, 61-2188, 61-2210, 61-7151, 61-7172F, and 61-7439 is necessary to satisfy demands for municipal type irrigation use during the authorized period of use. The annual report shall include the maximum weekly volume diverted for all purposes during both the irrigation season and the non-irrigation season. The annual report shall also include the total volume diverted for all purposes during both the irrigation season and non-irrigation season. After specific notification by the department, the right holder shall provide to the department any data used to compile the report.”

The City has complied with this condition of approval for several years now demonstrating that transfer rights 61-2167, 61-2188, 61-2210, 61-7151, 61-7172F, and 61-7439 are necessary to satisfy increased demands during the irrigation season for municipal type irrigation. The City does not have plans, or anticipate plans, that would substantively change the overall use of water during the irrigation season. Additionally, as the City continues to grow, the irrigation demand is only anticipated to increase. Also, there is a financial burden associated with preparing a report every year to comply with this condition of approval that the City bears. For these reasons, the City officially requests that this condition of approval be removed. We look forward to the Department’s response to this request.

Sincerely,

  
Rich Urquidí  
Director of Public Works  
City of Mountain Home, Idaho



131 SW 5th Ave, Suite A  
Meridian, ID 83642  
(208) 288-1992

January 9, 2020

Patrick Kelly  
Water Rights Supervisor  
IDWR – Western Regional Office  
2735 Airport Way  
Boise, ID 83705

**Re: CITY OF MOUNTAIN HOME WATER RIGHTS – 2019 ANNUAL REPORT**

Dear Mr. Kelly:

The purpose of this document is to summarize the total amount of water diverted by the City of Mountain Home's groundwater wells during 2019 pursuant to the Condition of Approval of Transfer No. 78273 dated September 22, 2014 that states:

"Starting January 15, 2016, and continuing every January 15 until notified by the department, the right holder shall submit a report annually to the department demonstrating that the water diverted under rights 61-2167, 61-2188, 61-2210, 61-7151, 61-7172F, and 61-7439 is necessary to satisfy demands for municipal type irrigation use during the authorized period of use. The annual report shall include the maximum weekly volume diverted for all purposes during both the irrigation season and the non-irrigation season. The annual report shall also include the total volume diverted for all purposes during both the irrigation season and non-irrigation season. After specific notification by the department, the right holder shall provide to the department any data used to compile the report."

The City has requested that Keller Associates, Inc. submit this annual report on its behalf.

The City of Mountain Home currently operates nine (9) potable water wells and one (1) irrigation well. The potable wells are used to supply water to the potable water distribution system, which residents use for potable water and irrigation. The City uses the irrigation well as a supplemental source of water for its reuse farmland which is primarily irrigated with treated wastewater effluent from the wastewater treatment plant.

Keller Associates performed an analysis of available production data from all wells. The parameters evaluated are summarized in Table 1, and include:

- ▶ Irrigation season maximum weekly volume (April 1 – October 31)
- ▶ Non-irrigation season maximum weekly volume (January 1 – March 31 & November 1 – December 31)
- ▶ Total volume diverted during irrigation season (April 1 – October 31)
- ▶ Total volume diverted during non-irrigation season (January 1 – March 31 & November 1 – 31)

Information used to complete this analysis was provided by the City of Mountain Home and is believed to be accurate; it is attached to this document.

Table 1. Well Production Data Summary

Units	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Season Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
Acre-Feet	247.5	38.5	4,162.7	541.9
Gallons (rounded)	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a running 7 day total.				

Sincerely,

**KELLER ASSOCIATES, INC.**



Jordan Crane, P.E.  
Project Engineer

cc: City of Mountain Home  
File

**Client:** City of Mountain Home  
**Project:** Water Rights - 2019 Annual Report  
**Project No.:** 214010-010  
**Well Production Data**

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

Day	Irr Season		Non-Irr Season Max Week		Irr Season Max Week	
	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
1/1/2019	1	1,022,159	0	1,022,159	8,089,280	
1/2/2019	2	1,239,829	0	1,239,829	8,323,379	
1/3/2019	3	1,063,439	0	1,063,439	8,285,975	
1/4/2019	4	1,110,506	0	1,110,506	8,710,763	
1/5/2019	5	1,061,514	0	1,061,514	8,698,703	
1/6/2019	6	1,419,449	0	1,419,449	8,835,481	
1/7/2019	7	1,172,384	0	1,172,384	8,523,210	
1/8/2019	8	1,256,258	0	1,256,258	8,653,862	
1/9/2019	9	1,202,425	0	1,202,425	8,761,675	
1/10/2019	10	1,488,227	0	1,488,227	8,765,632	
1/11/2019	11	1,098,446	0	1,098,446	8,387,086	
1/12/2019	12	1,198,292	0	1,198,292	8,529,572	
1/13/2019	13	1,107,178	0	1,107,178	8,337,366	
1/14/2019	14	1,303,036	0	1,303,036	8,465,354	
1/15/2019	15	1,364,071	0	1,364,071	8,393,238	
1/16/2019	16	1,206,382	0	1,206,382	8,140,997	
1/17/2019	17	1,109,681	0	1,109,681	8,061,715	
1/18/2019	18	1,240,932	0	1,240,932	8,157,953	
1/19/2019	19	1,006,086	0	1,006,086	8,021,176	
1/20/2019	20	1,235,166	0	1,235,166	8,133,852	
1/21/2019	21	1,230,920	0	1,230,920	8,204,592	
1/22/2019	22	1,111,830	0	1,111,830	8,127,696	
1/23/2019	23	1,127,100	0	1,127,100	8,326,964	
1/24/2019	24	1,205,919	0	1,205,919	8,413,397	
1/25/2019	25	1,104,155	0	1,104,155	8,516,726	
1/26/2019	26	1,118,762	0	1,118,762	8,576,881	
1/27/2019	27	1,305,906	0	1,305,906	8,536,451	
1/28/2019	28	1,154,024	0	1,154,024	8,459,750	
1/29/2019	29	1,311,098	0	1,311,098	8,466,137	
1/30/2019	30	1,213,533	0	1,213,533	8,260,618	
1/31/2019	31	1,309,248	0	1,309,248	8,163,359	
2/1/2019	32	1,164,310	0	1,164,310	8,051,270	
2/2/2019	33	1,078,332	0	1,078,332	8,098,967	
2/3/2019	34	1,229,205	0	1,229,205	7,999,013	
2/4/2019	35	1,160,411	0	1,160,411	8,024,067	
2/5/2019	36	1,105,579	0	1,105,579	8,234,165	
2/6/2019	37	1,116,274	0	1,116,274	8,291,152	
2/7/2019	38	1,197,159	0	1,197,159	8,272,861	
2/8/2019	39	1,212,007	0	1,212,007	8,206,178	
2/9/2019	40	978,378	0	978,378	8,241,067	
2/10/2019	41	1,254,259	0	1,254,259	8,400,408	
2/11/2019	42	1,370,509	0	1,370,509	8,295,222	
2/12/2019	43	1,162,566	0	1,162,566	8,044,447	
2/13/2019	44	1,097,983	0	1,097,983	8,099,190	
2/14/2019	45	1,130,476	0	1,130,476	8,245,922	

**Client:** City of Mountain Home  
**Project:** Water Rights - 2019 Annual Report  
**Project No.:** 214010-010  
**Well Production Data**

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

		Irr Season	Non-Irr Season Max Week	Irr Season Max Week		
Day	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
2/15/2019	46	1,246,896	0	1,246,896	8,403,447	
2/16/2019	47	1,137,719	0	1,137,719	8,372,917	
2/17/2019	48	1,149,073	0	1,149,073	8,199,571	
2/18/2019	49	1,119,734	0	1,119,734	8,451,125	
2/19/2019	50	1,217,309	0	1,217,309	8,505,252	
2/20/2019	51	1,244,715	0	1,244,715	8,412,487	
2/21/2019	52	1,288,001	0	1,288,001	8,390,824	
2/22/2019	53	1,216,366	0	1,216,366	8,253,789	
2/23/2019	54	964,373	0	964,373	8,233,158	
2/24/2019	55	1,400,627	0	1,400,627	8,550,188	
2/25/2019	56	1,173,861	0	1,173,861	8,240,756	
2/26/2019	57	1,124,544	0	1,124,544	8,285,943	
2/27/2019	58	1,223,052	0	1,223,052	8,375,795	
2/28/2019	59	1,150,966	0	1,150,966	8,418,759	
3/1/2019	60	1,195,735	0	1,195,735	8,554,788	
3/2/2019	61	1,281,403	0	1,281,403	8,592,596	
3/3/2019	62	1,091,195	0	1,091,195	8,340,887	
3/4/2019	63	1,219,048	0	1,219,048	8,486,351	
3/5/2019	64	1,214,396	0	1,214,396	8,411,941	
3/6/2019	65	1,266,016	0	1,266,016	8,375,453	
3/7/2019	66	1,286,995	0	1,286,995	8,103,420	
3/8/2019	67	1,233,543	0	1,233,543	7,960,357	
3/9/2019	68	1,029,694	0	1,029,694	7,834,476	
3/10/2019	69	1,236,659	0	1,236,659	7,846,056	
3/11/2019	70	1,144,638	0	1,144,638	7,613,898	
3/12/2019	71	1,177,908	0	1,177,908	7,482,668	
3/13/2019	72	993,983	0	993,983	7,411,016	
3/14/2019	73	1,143,932	0	1,143,932	7,428,048	
3/15/2019	74	1,107,662	0	1,107,662	7,453,062	
3/16/2019	75	1,041,274	0	1,041,274	7,383,959	
3/17/2019	76	1,004,501	0	1,004,501	7,373,346	
3/18/2019	77	1,013,408	0	1,013,408	7,287,226	
3/19/2019	78	1,106,256	0	1,106,256	7,336,157	
3/20/2019	79	1,011,015	0	1,011,015	7,248,688	
3/21/2019	80	1,168,946	0	1,168,946	7,249,342	
3/22/2019	81	1,038,559	0	1,038,559	7,050,900	
3/23/2019	82	1,030,661	0	1,030,661	7,057,839	
3/24/2019	83	918,381	0	918,381	6,876,287	
3/25/2019	84	1,062,339	0	1,062,339	6,971,517	
3/26/2019	85	1,018,787	0	1,018,787	8,184,815	
3/27/2019	86	1,011,669	0	1,011,669	9,105,935	
3/28/2019	87	970,504	0	970,504	9,913,665	
3/29/2019	88	1,045,498	0	1,045,498	10,850,606	
3/30/2019	89	849,109	0	849,109	11,931,505	
3/31/2019	90	1,013,611	0	1,013,611	12,540,803	



**Client:** City of Mountain Home  
**Project:** Water Rights - 2019 Annual Report  
**Project No.:** 214010-010  
**Well Production Data**

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

Day	Irr Season		Non-Irr Season Max Week		Irr Season Max Week	
	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
4/1/2019	91	2,275,637	0	2,275,637	13,467,031	
4/2/2019	92	1,939,907	0	1,939,907	12,786,128	
4/3/2019	93	1,819,399	0	1,819,399	12,533,488	
4/4/2019	94	1,907,445	0	1,907,445	12,580,833	
4/5/2019	95	2,126,397	0	2,126,397	12,696,037	
4/6/2019	96	1,458,407	0	1,458,407	12,444,675	
4/7/2019	97	1,939,839	0	1,939,839	12,749,015	
4/8/2019	98	1,594,734	0	1,594,734	12,682,656	
4/9/2019	99	1,687,267	0	1,687,267	13,185,770	
4/10/2019	100	1,866,744	0	1,866,744	13,490,731	
4/11/2019	101	2,022,649	0	2,022,649	13,856,349	
4/12/2019	102	1,875,035	0	1,875,035	13,912,295	
4/13/2019	103	1,762,747	0	1,762,747	14,773,756	
4/14/2019	104	1,873,480	0	1,873,480	15,180,472	
4/15/2019	105	2,097,848	0	2,097,848	15,520,006	
4/16/2019	106	1,992,228	0	1,992,228	15,709,020	
4/17/2019	107	2,232,362	0	2,232,362	18,173,859	
4/18/2019	108	2,078,595	0	2,078,595	20,640,245	
4/19/2019	109	2,736,496	0	2,736,496	23,262,402	
4/20/2019	110	2,169,463	0	2,169,463	25,656,659	
4/21/2019	111	2,213,014	0	2,213,014	27,998,551	
4/22/2019	112	2,286,862	0	2,286,862	28,975,906	
4/23/2019	113	2,917,067	1,540,000	4,457,067	29,999,678	
4/24/2019	114	2,558,748	2,140,000	4,698,748	29,183,028	
4/25/2019	115	3,360,752	1,340,000	4,700,752	28,745,501	
4/26/2019	116	3,100,753	2,030,000	5,130,753	28,478,354	
4/27/2019	117	3,031,355	1,480,000	4,511,355	28,763,915	
4/28/2019	118	3,140,369	50,000	3,190,369	28,861,183	
4/29/2019	119	3,310,634	0	3,310,634	32,603,347	
4/30/2019	120	3,640,417	0	3,640,417	36,057,609	
5/1/2019	121	4,261,221	0	4,261,221	39,439,780	
5/2/2019	122	4,273,605	160,000	4,433,605	40,386,157	
5/3/2019	123	5,416,314	0	5,416,314	41,944,203	
5/4/2019	124	3,958,623	650,000	4,608,623	43,106,051	
5/5/2019	125	6,002,533	930,000	6,932,533	46,595,055	
5/6/2019	126	5,834,896	930,000	6,764,896	48,566,022	
5/7/2019	127	6,652,588	370,000	7,022,588	50,108,501	
5/8/2019	128	5,207,598	0	5,207,598	52,344,370	
5/9/2019	129	5,991,651	0	5,991,651	55,171,514	
5/10/2019	130	5,458,162	1,120,000	6,578,162	55,640,128	
5/11/2019	131	6,087,627	2,010,000	8,097,627	54,458,866	
5/12/2019	132	6,863,500	2,040,000	8,903,500	51,247,391	
5/13/2019	133	6,687,375	1,620,000	8,307,375	46,847,778	
5/14/2019	134	7,958,457	1,300,000	9,258,457	42,028,619	
5/15/2019	135	6,754,742	1,280,000	8,034,742	36,663,064	

**Client:** City of Mountain Home  
**Project:** Water Rights - 2019 Annual Report  
**Project No.:** 214010-010  
**Well Production Data**

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

Day	Irr Season		Non-Irr Season Max Week		Irr Season Max Week	
	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
5/16/2019	136	5,050,265	1,410,000	6,460,265	31,996,363	
5/17/2019	137	4,116,900	1,280,000	5,396,900	29,359,263	
5/18/2019	138	4,436,152	450,000	4,886,152	27,201,421	
5/19/2019	139	4,503,887	0	4,503,887	25,845,643	
5/20/2019	140	3,488,216	0	3,488,216	25,128,500	
5/21/2019	141	3,892,902	0	3,892,902	25,797,136	
5/22/2019	142	3,368,041	0	3,368,041	26,108,716	
5/23/2019	143	3,823,165	0	3,823,165	27,464,469	
5/24/2019	144	3,239,058	0	3,239,058	28,740,806	
5/25/2019	145	3,530,374	0	3,530,374	29,487,490	
5/26/2019	146	3,786,744	0	3,786,744	29,931,399	
5/27/2019	147	4,156,852	0	4,156,852	31,453,357	
5/28/2019	148	4,204,482	0	4,204,482	32,843,871	
5/29/2019	149	4,723,794	0	4,723,794	35,503,248	
5/30/2019	150	5,099,502	0	5,099,502	37,051,627	
5/31/2019	151	3,985,742	0	3,985,742	37,538,210	
6/1/2019	152	3,974,283	0	3,974,283	38,678,092	
6/2/2019	153	5,308,702	0	5,308,702	40,029,263	
6/3/2019	154	5,547,366	0	5,547,366	41,000,897	
6/4/2019	155	6,863,859	0	6,863,859	42,203,174	
6/5/2019	156	6,272,173	0	6,272,173	42,951,956	
6/6/2019	157	5,586,085	0	5,586,085	43,750,090	
6/7/2019	158	5,125,624	0	5,125,624	45,319,405	
6/8/2019	159	5,325,454	0	5,325,454	46,044,490	
6/9/2019	160	6,280,336	0	6,280,336	50,690,915	
6/10/2019	161	6,749,643	0	6,749,643	53,244,234	
6/11/2019	162	7,612,641	0	7,612,641	55,589,309	
6/12/2019	163	7,070,307	0	7,070,307	55,331,666	
6/13/2019	164	7,155,400	0	7,155,400	57,979,115	
6/14/2019	165	5,850,709	0	5,850,709	58,086,167	
6/15/2019	166	8,921,879	1,050,000	9,971,879	59,961,182	
6/16/2019	167	7,773,655	1,060,000	8,833,655	57,535,185	
6/17/2019	168	7,984,718	1,110,000	9,094,718	57,346,865	
6/18/2019	169	6,214,998	1,140,000	7,354,998	56,242,490	
6/19/2019	170	9,337,756	380,000	9,717,756	57,291,801	
6/20/2019	171	7,262,452	0	7,262,452	55,988,917	
6/21/2019	172	7,725,724	0	7,725,724	57,041,073	
6/22/2019	173	7,545,882	0	7,545,882	57,937,544	
6/23/2019	174	8,645,335	0	8,645,335	58,445,435	
6/24/2019	175	7,990,343	0	7,990,343	59,031,853	
6/25/2019	176	8,404,309	0	8,404,309	60,979,039	
6/26/2019	177	8,414,872	0	8,414,872	63,181,056	
6/27/2019	178	8,314,608	0	8,314,608	66,666,265	
6/28/2019	179	8,622,195	0	8,622,195	67,723,363	
6/29/2019	180	8,053,773	0	8,053,773	69,596,725	

**Client:** City of Mountain Home  
**Project:** Water Rights - 2019 Annual Report  
**Project No.:** 214010-010  
**Well Production Data**

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

Day	Irr Season		Non-Irr Season Max Week		Irr Season Max Week	
	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
6/30/2019	181	9,231,753	0	9,231,753	70,997,682	
7/1/2019	182	8,767,529	1,170,000	9,937,529	71,454,896	
7/2/2019	183	9,266,326	1,340,000	10,606,326	71,845,780	
7/3/2019	184	10,510,081	1,390,000	11,900,081	72,192,932	
7/4/2019	185	8,091,706	1,280,000	9,371,706	70,712,508	
7/5/2019	186	9,055,557	1,440,000	10,495,557	71,415,373	
7/6/2019	187	8,164,730	1,290,000	9,454,730	71,871,865	
7/7/2019	188	8,358,967	1,330,000	9,688,967	70,901,923	
7/8/2019	189	8,998,413	1,330,000	10,328,413	69,892,602	
7/9/2019	190	9,593,478	1,360,000	10,953,478	69,138,498	
7/10/2019	191	10,419,657	0	10,419,657	68,514,500	
7/11/2019	192	10,074,571	0	10,074,571	68,317,648	
7/12/2019	193	10,952,049	0	10,952,049	68,452,619	
7/13/2019	194	8,484,788	0	8,484,788	67,640,582	
7/14/2019	195	8,679,646	0	8,679,646	69,569,250	
7/15/2019	196	9,574,309	0	9,574,309	71,162,169	
7/16/2019	197	10,329,480	0	10,329,480	70,686,846	
7/17/2019	198	10,222,805	0	10,222,805	70,256,816	
7/18/2019	199	10,209,542	0	10,209,542	70,122,056	
7/19/2019	200	10,140,012	0	10,140,012	69,599,409	
7/20/2019	201	10,413,456	0	10,413,456	69,540,032	
7/21/2019	202	10,272,565	0	10,272,565	68,794,153	
7/22/2019	203	9,098,986	0	9,098,986	67,689,061	
7/23/2019	204	9,899,450	0	9,899,450	68,745,748	
7/24/2019	205	10,088,045	0	10,088,045	68,915,726	
7/25/2019	206	9,686,895	0	9,686,895	69,645,832	
7/26/2019	207	10,080,635	0	10,080,635	71,455,254	
7/27/2019	208	9,667,577	0	9,667,577	74,185,822	
7/28/2019	209	9,167,473	0	9,167,473	75,721,606	
7/29/2019	210	10,155,673	0	10,155,673	77,127,760	
7/30/2019	211	10,069,428	0	10,069,428	78,590,223	
7/31/2019	212	10,818,151	0	10,818,151	79,868,763	
8/1/2019	213	9,626,317	1,870,000	11,496,317	80,653,562	
8/2/2019	214	11,441,203	1,370,000	12,811,203	79,849,688	
8/3/2019	215	10,143,361	1,060,000	11,203,361	78,283,111	
8/4/2019	216	9,433,627	1,140,000	10,573,627	77,020,312	
8/5/2019	217	10,568,136	1,050,000	11,618,136	76,683,347	
8/6/2019	218	10,057,968	1,290,000	11,347,968	73,462,834	
8/7/2019	219	10,322,950	1,280,000	11,602,950	73,172,940	
8/8/2019	220	9,422,443	1,270,000	10,692,443	72,299,380	
8/9/2019	221	9,774,626	1,470,000	11,244,626	71,272,641	
8/10/2019	222	8,710,562	1,230,000	9,940,562	70,635,757	
8/11/2019	223	9,046,662	1,190,000	10,236,662	69,405,452	
8/12/2019	224	8,397,623	0	8,397,623	68,492,568	
8/13/2019	225	9,758,074	1,300,000	11,058,074	70,610,480	



**Client:** City of Mountain Home  
**Project:** Water Rights - 2019 Annual Report  
**Project No.:** 214010-010  
**Well Production Data**

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

Day	Irr Season		Non-Irr Season Max Week		Irr Season Max Week	
	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
8/14/2019	226	10,099,390	630,000	10,729,390	68,222,802	
8/15/2019	227	9,665,704	0	9,665,704	66,464,989	
8/16/2019	228	8,457,742	2,150,000	10,607,742	65,484,476	
8/17/2019	229	8,470,257	240,000	8,710,257	64,688,658	
8/18/2019	230	9,323,778	0	9,323,778	64,777,018	
8/19/2019	231	10,515,535	0	10,515,535	64,226,206	
8/20/2019	232	8,670,396	0	8,670,396	64,057,134	
8/21/2019	233	8,971,577	0	8,971,577	65,422,967	
8/22/2019	234	8,685,191	0	8,685,191	67,309,110	
8/23/2019	235	9,811,924	0	9,811,924	69,528,294	
8/24/2019	236	8,798,617	0	8,798,617	69,811,472	
8/25/2019	237	8,082,966	690,000	8,772,966	70,764,887	
8/26/2019	238	9,106,463	1,240,000	10,346,463	71,721,499	
8/27/2019	239	8,756,229	1,280,000	10,036,229	71,552,195	
8/28/2019	240	9,597,720	1,260,000	10,857,720	70,267,665	
8/29/2019	241	9,574,375	1,330,000	10,904,375	68,490,127	
8/30/2019	242	8,875,102	1,220,000	10,095,102	65,627,301	
8/31/2019	243	8,442,032	1,310,000	9,752,032	62,471,942	
9/1/2019	244	8,459,578	1,270,000	9,729,578	60,639,510	
9/2/2019	245	8,917,159	1,260,000	10,177,159	56,488,937	
9/3/2019	246	8,751,699	0	8,751,699	51,649,983	
9/4/2019	247	9,080,182	0	9,080,182	49,615,899	
9/5/2019	248	8,041,549	0	8,041,549	46,491,515	
9/6/2019	249	6,939,743	0	6,939,743	45,235,323	
9/7/2019	250	7,919,600	0	7,919,600	45,329,760	
9/8/2019	251	5,579,005	0	5,579,005	42,667,209	
9/9/2019	252	5,338,205	0	5,338,205	43,903,198	
9/10/2019	253	6,717,615	0	6,717,615	44,108,674	
9/11/2019	254	5,955,798	0	5,955,798	42,946,382	
9/12/2019	255	6,785,357	0	6,785,357	42,868,887	
9/13/2019	256	7,034,180	0	7,034,180	40,642,730	
9/14/2019	257	5,257,049	0	5,257,049	38,717,558	
9/15/2019	258	6,814,994	0	6,814,994	38,225,173	
9/16/2019	259	5,543,681	0	5,543,681	37,919,887	
9/17/2019	260	5,555,323	0	5,555,323	37,361,245	
9/18/2019	261	5,878,303	0	5,878,303	37,358,456	
9/19/2019	262	4,559,200	0	4,559,200	36,406,859	
9/20/2019	263	5,109,008	0	5,109,008	37,222,038	
9/21/2019	264	4,764,664	0	4,764,664	36,664,217	
9/22/2019	265	6,509,708	0	6,509,708	36,633,556	
9/23/2019	266	4,985,039	0	4,985,039	34,004,649	
9/24/2019	267	5,552,534	0	5,552,534	33,310,612	
9/25/2019	268	4,926,706	0	4,926,706	31,882,078	
9/26/2019	269	5,374,379	0	5,374,379	30,513,372	
9/27/2019	270	4,551,187	0	4,551,187	28,913,996	

Client: City of Mountain Home  
 Project: Water Rights - 2019 Annual Report  
 Project No.: 214010-010  
 Well Production Data

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

Day	Irr Season		Non-Irr Season Max Week		Irr Season Max Week	
	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
9/28/2019	271	4,734,003	0	4,734,003	28,496,809	
9/29/2019	272	3,880,801	0	3,880,801	26,891,811	
9/30/2019	273	4,291,002	0	4,291,002	26,866,010	
10/1/2019	274	4,124,000	0	4,124,000	26,061,008	
10/2/2019	275	3,558,000	0	3,558,000	25,449,011	
10/3/2019	276	3,775,003	0	3,775,003	25,281,011	
10/4/2019	277	4,134,000	0	4,134,000	24,897,007	
10/5/2019	278	3,129,005	0	3,129,005	22,942,007	
10/6/2019	279	3,855,000	0	3,855,000	22,204,002	
10/7/2019	280	3,486,000	0	3,486,000	20,801,002	
10/8/2019	281	3,512,003	0	3,512,003	19,319,265	
10/9/2019	282	3,390,000	0	3,390,000	18,805,121	
10/10/2019	283	3,390,999	0	3,390,999	18,180,121	
10/11/2019	284	2,179,000	0	2,179,000	17,362,136	
10/12/2019	285	2,391,000	0	2,391,000	17,088,136	
10/13/2019	286	2,452,000	0	2,452,000	16,650,136	
10/14/2019	287	2,004,263	0	2,004,263	15,946,136	
10/15/2019	288	2,997,859	0	2,997,859	15,901,878	
10/16/2019	289	2,765,000	0	2,765,000	14,344,020	
10/17/2019	290	2,573,014	0	2,573,014	13,482,024	
10/18/2019	291	1,905,000	0	1,905,000	12,398,010	
10/19/2019	292	1,953,000	0	1,953,000	11,857,010	
10/20/2019	293	1,748,000	0	1,748,000	11,300,010	
10/21/2019	294	1,960,005	0	1,960,005	11,061,015	
10/22/2019	295	1,440,001	0	1,440,001	10,273,878	
10/23/2019	296	1,903,004	0	1,903,004	10,138,316	
10/24/2019	297	1,489,000	0	1,489,000	9,593,713	
10/25/2019	298	1,364,000	0	1,364,000	9,388,429	
10/26/2019	299	1,396,000	0	1,396,000	9,255,779	
10/27/2019	300	1,509,005	0	1,509,005	9,036,111	
10/28/2019	301	1,172,868	0	1,172,868	8,785,736	
10/29/2019	302	1,304,439	0	1,304,439	8,865,660	
10/30/2019	303	1,358,401	0	1,358,401	8,992,321	
10/31/2019	304	1,283,716	0	1,283,716	8,860,657	
11/1/2019	305	1,231,350	0	1,231,350	8,800,912	
11/2/2019	306	1,176,332	0	1,176,332	8,777,705	
11/3/2019	307	1,258,630	0	1,258,630	8,828,403	
11/4/2019	308	1,252,792	0	1,252,792	8,795,297	
11/5/2019	309	1,431,100	0	1,431,100	8,698,980	
11/6/2019	310	1,226,737	0	1,226,737	8,515,605	
11/7/2019	311	1,223,971	0	1,223,971	8,544,994	
11/8/2019	312	1,208,143	0	1,208,143	8,530,079	
11/9/2019	313	1,227,030	0	1,227,030	8,545,480	
11/10/2019	314	1,225,524	0	1,225,524	8,565,770	
11/11/2019	315	1,156,475	0	1,156,475	8,530,338	

Client: City of Mountain Home  
 Project: Water Rights - 2019 Annual Report  
 Project No.: 214010-010  
 Well Production Data

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

		Irr Season	Non-Irr Season Max Week	Irr Season Max Week		
Day	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
11/12/2019	316	1,247,725	0	1,247,725	8,582,752	
11/13/2019	317	1,256,126	0	1,256,126	8,547,743	
11/14/2019	318	1,209,056	0	1,209,056	8,520,323	
11/15/2019	319	1,223,544	0	1,223,544	8,503,430	
11/16/2019	320	1,247,320	0	1,247,320	8,209,122	
11/17/2019	321	1,190,092	0	1,190,092	8,230,809	
11/18/2019	322	1,208,889	0	1,208,889	8,269,884	
11/19/2019	323	1,212,716	0	1,212,716	8,090,041	
11/20/2019	324	1,228,706	0	1,228,706	8,048,688	
11/21/2019	325	1,192,163	0	1,192,163	8,089,222	
11/22/2019	326	929,236	0	929,236	8,059,805	
11/23/2019	327	1,269,007	0	1,269,007	8,102,642	
11/24/2019	328	1,229,167	0	1,229,167	8,177,402	
11/25/2019	329	1,029,046	0	1,029,046	8,037,141	
11/26/2019	330	1,171,363	0	1,171,363	7,957,997	
11/27/2019	331	1,269,240	0	1,269,240	8,002,809	
11/28/2019	332	1,162,746	0	1,162,746	8,024,404	
11/29/2019	333	972,073	0	972,073	8,101,591	
11/30/2019	334	1,343,767	0	1,343,767	8,207,180	
12/1/2019	335	1,088,906	0	1,088,906	7,768,309	
12/2/2019	336	949,902	0	949,902	8,402,251	
12/3/2019	337	1,216,175	0	1,216,175	8,727,522	
12/4/2019	338	1,290,835	0	1,290,835	8,640,899	
12/5/2019	339	1,239,933	0	1,239,933	8,324,923	
12/6/2019	340	1,077,662	0	1,077,662	8,331,599	
12/7/2019	341	904,896	0	904,896	8,919,254	
12/8/2019	342	1,722,848	0	1,722,848	8,958,605	
12/9/2019	343	1,275,173	0	1,275,173	8,439,727	
12/10/2019	344	1,129,552	0	1,129,552	8,414,085	
12/11/2019	345	974,859	0	974,859	8,408,819	
12/12/2019	346	1,246,609	0	1,246,609	8,494,765	
12/13/2019	347	1,665,317	0	1,665,317	8,482,085	
12/14/2019	348	944,247	0	944,247	7,810,721	
12/15/2019	349	1,203,970	0	1,203,970	8,184,831	
12/16/2019	350	1,249,531	0	1,249,531	8,001,624	
12/17/2019	351	1,124,286	0	1,124,286	8,059,033	
12/18/2019	352	1,060,805	0	1,060,805	8,262,468	
12/19/2019	353	1,233,929	0	1,233,929	8,094,325	
12/20/2019	354	993,953	0	993,953	7,897,616	
12/21/2019	355	1,318,357	0	1,318,357	8,253,044	
12/22/2019	356	1,020,763	0	1,020,763	7,822,708	
12/23/2019	357	1,306,940	0	1,306,940	8,067,732	
12/24/2019	358	1,327,721	0	1,327,721	8,071,594	
12/25/2019	359	892,662	0	892,662	7,858,246	
12/26/2019	360	1,037,220	0	1,037,220		

**Client:** City of Mountain Home  
**Project:** Water Rights - 2019 Annual Report  
**Project No.:** 214010-010  
**Well Production Data**

Volume Diverted - All Wells (Gallons - rounded)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	80,654,000	12,541,000	1,356,429,000	176,575,000
1. Based on a 7 day rolling total.				

Volume Diverted - All Wells (Acre Feet)				
Year	Irrigation Season Max Week <sup>1</sup>	Non-irrigation Max Week <sup>1</sup>	Irrigation Season Total	Non-irrigation Season Total
2019	247.5	38.5	4,162.7	541.9
1. Based on a 7 day rolling total.				

Day	Irr Season		Non-Irr Season Max Week		Irr Season Max Week	
	Day of Year	Total Potable (gal)	Farm Well (gal)	Total Pumped (gal)	7 Day Running Total (gal)	
12/27/2019	361	1,349,381	0	1,349,381		
12/28/2019	362	888,021	0	888,021		
12/29/2019	363	1,265,787	0	1,265,787		
12/30/2019	364	1,310,802	0	1,310,802		
12/31/2019	365	1,114,373	0	1,114,373		
	<b>Total</b>	<b>1,462,804,263</b>	<b>70,200,000</b>	<b>1,533,004,263</b>		