



State Idaho

DEPARTMENT OF WATER RESOURCES

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BRAD LITTLE
Governor

GARY SPACKMAN
Director

July 9, 2020

THE VALLEY CLUB INC
PO BOX 252
SUN VALLEY, ID 83353

RE: 2019 Annual Report for Water Rights 37-494, 37-495, 37-577BU, 37-577BV, 37-833K

Water Right Holder:

This letter is in response to the 2019 aquifer recharge annual water use report submitted to Idaho Department of Water Resources ("the Department") dated January 20, 2020. The Department has reviewed the information in the annual report detailing daily infiltration volumes utilizing water authorized by water rights 37-494, 37-495, 37-577BU, 37-577BV, and 37-833K. It is reported that 2.2 acre-feet ("AF") of water was infiltrated prior to June 1, 2019, 8.7 AF infiltrated during June 2019, and 2.8 AF infiltrated during July 2019. The total water infiltrated during the 2019 season is reported as 13.7 AF.

Condition seven (water rights 37-494, 37-495, 34-577BU, and 37-577BV) and condition ten (water right 37-833K) states:

"Rights 37-494, 37-495, 37-577BU, 37-577BV, and 37-833K are limited to a combined diversion rate of 0.59 cfs and a combined diversion volume of 12.8 acre-feet for ground water recharge between March 15 and October 31 each year. No more than 5.1 acre-feet of ground water recharge shall occur prior to June 1 each year."

The 2019 reported volume total exceeds the limited combined diversion volume for ground water recharge of 12.8 AF for water rights 37-494, 37-495, 34-577BU, 37-577BV and 37-833K by 0.9 AF.

The reported total infiltration volumes attributed to ground water recharge at The Valley Club Inc.'s recharge site from 2014 to 2018 (data obtained from reviewing previous year's annual report submittals) are as follows:

2018- 13.0 AF

2017- 13.0 AF

2016- 13.1 AF with 6.52 AF reported prior to June 1st

2015- 15.5 AF

2014- 13.1 AF

It appears that the combined diversion volume limitation for ground water recharge of 12.8 AF for the above mentioned water rights has been exceeded each year dating back to 2014. In 2016, more than 5.1 AF of ground water recharge occurred prior to June 1st.

The Department recommends reviewing the conditions of approval for water rights 37-494, 37-495, 34-577BU, 37-577BV, 37-833K and hopes that future annual report submittals will demonstrate compliance with the above mentioned condition.

Please contact me at ashley.ritter@idwr.idaho.gov or (208) 287-4907 if you have any questions regarding this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ashley Ritter', with a stylized flourish at the end.

Ashley Ritter
Associate Engineer

Enclosure
2019 aquifer recharge annual water use report

CC: Zach Latham- Brockway Engineering
Kevin Lakey- Water District 37

MEMORANDUM

To: Water Right File: 37-494, 37-495, 37-577BU, 37-577BV and 37-833K
From: Ashley Ritter
Date: June 29, 2020
Re: Reporting Requirements Review

On January 23, 2020, the Idaho Department of Water Resources (“IDWR”) received the 2019 Aquifer Recharge Report for the above mentioned water rights. The report was submitted by Zach Latham, Hydrologist, with Brockway Engineering (“Brockway”) on behalf of the right holder, The Valley Club Inc. An annual report submittal reporting the daily volume of water recharged during the year is a requirement under transfer 78255 (water rights 37-494, 37-495, 34-577BU, 37-577BV condition 11, and 37-833K condition 14).

Brockway submitted data outlining daily volumes infiltrated for 2019 at the Valley Club Inc.’s recharge site, satisfying the reporting condition for the above mentioned water rights.

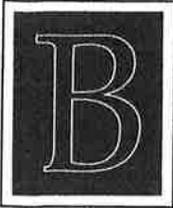
Condition seven (water rights 37-494, 37-495, 34-577BU, and 37-577BV) and condition ten (water right 37-833K) within transfer 78255 states:

“Rights 37-494, 37-495, 37-577BU, 37-577BV, and 37-833K are limited to a combined diversion rate of 0.59 cfs and a combined diversion volume of 12.8 acre-feet for ground water recharge between March 15 and October 31 each year. No more than 5.1 acre-feet of ground water recharge shall occur prior to June 1 each year.”

Reviewing the 2019 daily infiltration data submitted by Brockway, it is reported that 2.2 AF of water was infiltrated prior to June 1, 2019, 8.7 AF infiltrated during June 2019, and 2.8 AF infiltrated during July 2019. The total water infiltrated during the 2019 season is reported as 13.7 AF. This reported total exceeds the limited combined diversion volume for ground water recharge of 12.8 AF for water rights 37-494, 37-495, 34-577BU, 37-577BV and 37-833K by 0.9 AF.

It appears that each year (dating back to 2014) the annual diversion volume of 12.8 acre-feet for ground water recharge for the above mentioned water rights was exceeded (see table below). The only year where more than 5.1 AF of ground water recharge occurred prior to June 1st was in 2016.

Volume Infiltrated for Ground Water Recharge in Acre-Feet		
Year	Pre June 1st Totals	Total Annual Volume
2014	0	13.1
2015	3.6	15.5
2016	6.52	13.1
2017	3.6	13
2018	5.1	13
2019	2.2	13.7



BROCKWAY
ENGINEERING
P.L.L.C

Hydraulics

Hydrology

Water Resources

RECEIVED
JAN 20 2020
DEPARTMENT OF
WATER RESOURCES

January 20th, 2020

Mr. Shelley Keen
Idaho Department of Water Resources
322 East Front Street
P. O. Box 83720
Boise, Idaho 83720-0098

RE: 2019 Aquifer Recharge- The Valley Club Inc.

Dear Shelley,

Please see the attached table outlining The Valley Club Inc.'s daily volume infiltrated for 2019 at the Valley Club Inc.'s recharge site north of Hailey, Idaho. The table is being submitted to comply with the reporting condition required under water rights 37-494, 37-495, 37-577BU, 37-577BV and 37-833K contained within Transfer 78255 in the name of The Valley Club Inc. which states, "The right holder shall report the daily volume of water recharged during the year to the Department and to Water District 37 by December 31 of each year." We apologize for the belated submittal.

Please review this submittal at your convenience. If you have any questions or comments, please do not hesitate to contact me at (208) 736-8543.

Regards,

Zach Latham, M.S., Hydrologist

Cc: Mike Creamer
Barry Bevers- The Valley Club Inc.
Kevin Lakey- Water District 37

CHARLES E.
BROCKWAY,
PH.D., P.E.

CHARLES G.
BROCKWAY,
PH.D., P.E.

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

FAX: 736•8506

VALLEY CLUB INC.- DAILY RECHARGE VOLUMES

2019 Daily Recharge Volumes Associated with IDWR WR Transfer:

78255: Condition #11; Water Rights 37-494, 37-495, 37-577BU, 37-577BV

78255: Condition #14; Water Right 37-833K.

*Values in **bold** indicate observed values.

1/20/2020

Date:	Time:	*Meter Readout (m3):	*Meter Readout (Acre-Feet):	Calculated Daily Volume Infiltrated (Acre-Feet):
1-May		Off.	67.9	0.00
2-May		Off.	67.9	0.00
3-May		Off.	67.9	0.00
4-May		Off.	67.9	0.00
5-May		Off.	67.9	0.00
6-May		Off.	67.9	0.00
7-May		Off.	67.9	0.00
8-May		Off.	67.9	0.00
9-May		Off.	67.9	0.00
10-May		Off.	67.9	0.00
11-May		Off.	67.9	0.00
12-May		Off.	67.9	0.00
13-May		Off.	67.9	0.00
14-May		Off.	67.9	0.00
15-May	10:00 AM	83,746.3	67.9	0.00
16-May		83,746.3	67.9	0.00
17-May		83,746.3	67.9	0.00
18-May		83,746.3	67.9	0.00
19-May		83,746.3	67.9	0.00
20-May		83,746.3	67.9	0.00
21-May		83,746.3	67.9	0.00
22-May	4:46 PM	83,746.3	67.9	0.00
23-May	11:39 AM	83,946.0	68.1	0.16
24-May		84,199.3	68.3	0.21
25-May		84,452.6	68.5	0.21
26-May		84,705.8	68.7	0.21
27-May		84,959.1	68.9	0.21
28-May	2:33 PM	85,212.4	69.1	0.21
29-May		85,616.0	69.4	0.33
30-May		86,019.7	69.7	0.33
31-May	4:52 PM	86,423.3	70.1	0.33
*PRE-JUNE TOTALS:		2,677.0	2.2 AFA	

Date:	Time:	*Meter Readout (m3):	*Meter Readout (Acre-Feet):	Calculated Daily Volume Infiltrated (Acre-Feet):
1-Jun		86,794.4	70.4	0.30
2-Jun		87,165.5	70.7	0.30
3-Jun		87,536.6	71.0	0.30
4-Jun		87,907.7	71.3	0.30
5-Jun		88,278.8	71.6	0.30
6-Jun		88,649.9	71.9	0.30
7-Jun	3:53 PM	89,021.0	72.2	0.30
8-Jun		89,375.9	72.5	0.29
9-Jun		89,730.8	72.7	0.29
10-Jun		90,085.7	73.0	0.29
11-Jun		90,440.6	73.3	0.29
12-Jun		90,795.5	73.6	0.29
13-Jun		91,150.4	73.9	0.29
14-Jun		91,505.4	74.2	0.29
15-Jun		91,860.3	74.5	0.29
16-Jun		92,215.2	74.8	0.29
17-Jun		92,570.1	75.0	0.29
18-Jun		92,925.0	75.3	0.29
19-Jun		93,279.9	75.6	0.29
20-Jun	2:19 PM	93,634.8	75.9	0.29
21-Jun		93,989.8	76.2	0.29
22-Jun		94,344.8	76.5	0.29
23-Jun		94,699.8	76.8	0.29
24-Jun		95,054.9	77.1	0.29
25-Jun		95,409.9	77.4	0.29
26-Jun		95,764.9	77.6	0.29
27-Jun		96,119.9	77.9	0.29
28-Jun	1:56 PM	96,474.9	78.2	0.29
29-Jun		96,818.4	78.5	0.28
30-Jun		97,161.8	78.8	0.28
*JUNE TOTALS:		10,738.5	8.7 AFA	

Date:	Time:	*Meter Readout (m3):	*Meter Readout (Acre-Feet):	Calculated Daily Volume Infiltrated (Acre-Feet):
1-Jul		97,505.3	79.0	0.28
2-Jul	4:17 PM	97,848.7	79.3	0.28
3-Jul		98,026.5	79.5	0.14
4-Jul		98,204.2	79.6	0.14
5-Jul		98,382.0	79.8	0.14
6-Jul		98,559.7	79.9	0.14
7-Jul		98,737.5	80.0	0.14
8-Jul		98,915.2	80.2	0.14
9-Jul	11:54 AM	99,093.0	80.3	0.14
10-Jul		99,433.8	80.6	0.28
11-Jul	3:33 PM	99,774.5	80.9	0.28
12-Jul		99,924.1	81.0	0.12
13-Jul		100,073.7	81.1	0.12
14-Jul		100,223.3	81.3	0.12
15-Jul		100,372.9	81.4	0.12
16-Jul		100,522.5	81.5	0.12
17-Jul	4:59 PM	100,672.1	81.6	0.12
18-Jul		Basin Turned Off.	0.0	0.00
19-Jul		Off.	0.0	0.00
20-Jul		Off.	0.0	0.00
21-Jul		Off.	0.0	0.00
22-Jul		Off.	0.0	0.00
23-Jul		Off.	0.0	0.00
24-Jul		Off.	0.0	0.00
25-Jul		Off.	0.0	0.00
26-Jul		Off.	0.0	0.00
27-Jul		Off.	0.0	0.00
28-Jul		Off.	0.0	0.00
29-Jul		Off.	0.0	0.00
30-Jul		Off.	0.0	0.00
31-Jul		Off.	0.0	0.00
*JULY TOTALS:		3,510.3	2.8 AFA	
*SEASON TOTALS:		16,925.8	13.7 AFA	