

After Split

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	RASPBERRY RANCHES LLC 1112 W MAIN # 604 BOISE, ID 83702 (208) 386-9494

65-13986

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right 65-13986

3/1/2022

- issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.
- | | | |
|----|-----|--|
| 4. | 104 | If right 65-1979 is abandoned, forfeited, sold, transferred, leased or used on any other place of use, this right to divert ground water shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required. |
| 5. | 01M | After specific notification by the Department, the right holder shall install a totalizing flow meter to measure the amount of water diverted and shall annually report the amount of water diverted to the Department as directed. |
| 6. | R58 | This right when combined with all other rights shall provide no more than 3.0 afa per acre at the field headgate for irrigation of the place of use. |
| 7. | WB7 | This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor exceed a combined annual maximum diversion volume of 251 af at the field headgate for the place of use. |
| 8. | X35 | Rights 65-13986 and 65-1979 when combined shall not exceed a total diversion rate of 1.64 cfs and the irrigation of 83.0 acres. |

Comments:

- | | | | |
|---|-----------|------------|------------------------|
| 1 | shemenway | 12/13/2011 | Field Report Narrative |
|---|-----------|------------|------------------------|
- An 8 inch casing, 30 Hp Grundfos serial 475S-300-4AB, 8 inch discharge, 50psi, 170 ft deep, 10 ft static, 46 ft 7 inch drawn-down with a 2 1/2 hr pump test yielding 450 gpm; well is located west of Cascade, 1/2 mile south of West Mountain Rd and Cabarton Rd intersection, on the northeast corner of Cabarton Rd and Belidere Rd.. Running south to north along the fence line from the well is a buried main with hook-up for 4 inch wheel line; 30 ft sections, with 1/8 inch nozzles per section. On the field to the west, the buried main runs east to west along the north fence line with hookups for 2 inch polypipe and 8 Irripods. Each Irripod has a Nelson No. 4 rotator 1/8 inch nozzle. When the wheel line and pods are running, at the same time, they run at 40psi. At the time of the field inspection the lines had all been blown out to prevent the lines from freezing, and all the wheel line had been grouped for winter storage. For this reason, no physical measurement was taken. A Theoretical on the well, the pumpers report, and pump curve were evaluated by IDWR engineer Michele Edl were reviewed and approved for determining the CFS.
- | | | | |
|---|-----------|------------|-----------|
| 2 | shemenway | 12/13/2011 | Ownership |
|---|-----------|------------|-----------|
- Tax Lot Information that was updated on 10/3/2011 confirmed Carol Lynn Mac Gregor as the owner of the property where the POD/POU are located.
- | | | | |
|---|-----------|------------|--------------|
| 3 | shemenway | 12/13/2011 | POD Overlaps |
|---|-----------|------------|--------------|
- None
- | | | | |
|---|-----------|------------|--------------|
| 4 | shemenway | 12/13/2011 | POU Overlaps |
|---|-----------|------------|--------------|
- 65-1979 MacGregor, Irrigation source Brush Creek, 65-13485 City of Cascade municipal (not used for this property); 65-1973/65-1972/65-1988 Domestic (groundwater, different well). Carol MacGregor stated that the reason they had to drill the well for irrigation was due to lower production from Brush Creek over the past few years.
- | | | | |
|---|-----------|------------|-----|
| 5 | shemenway | 12/13/2011 | CFS |
|---|-----------|------------|-----|
- At the time of the field exam, the lines had already been blown out, and the wheel line collected to one central point for winter storage. For this reason the following calculations were used to back up the recommendation: Drillers Report: 450 gpm X 0.00223 = 1.0 cfs Performance Pump Curve, reviewed and approved by Michele Edl/IDWR Engineer (per an email from Terry Scanlan/SPF Engineering on

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12/13/2011, stating that the pump is rated to produce 550 - 600 gpm for flood irrigation and 400 - 450 gpm for sprinkler irrigation. The curve reviewed by Michele shows: $475 \text{ gpm} \times 0.00223 = 1.059 = 1.06 \text{ cfs}$ Theoretical: $(8.8 \times 30 \text{ Hp} \times 0.70 \text{ eff}) / [46.5 + (40 \text{ psi} \times 2.31)] = 184.8 / 138.9 = 1.33 \text{ cfs}$ RECOMMEND: 1.06 cfs as approved by Michele Edl/IDWR Engineer

6	shemenway	12/13/2011	POD
Updated Shape			
7	shemenway	12/13/2011	POD
Updated PLS			
8	shemenway	1/3/2012	POU
Updated Shape			
9	shemenway	1/3/2012	POU
Updated PLS			
10	shemenway	1/4/2012	POU
Updated Shape			
11	shemenway	1/4/2012	POU
Updated PLS			
12	shemenway	1/5/2012	Volume
Vir = 83.5 acres X 3 = 250.5 af Vdr = 1.06 cfs X 199 X 1.9835 = 418.4 V = 250.5 af			
13	jhersley	10/1/2020	POU
Updated Shape			
14	jhersley	2/28/2022	POU
Updated Shape			
15	jhersley	2/28/2022	Split Right
Split into 65-13986 and 65-24113 due to change in ownership.			

Dates and Other Information:

Licensed Date: 2/8/2012
 Water District Number: 65
 Generic Max Rate Per Acre: 0.020
 Generic Max Volume Per Acre: 3.0
 Mitigation Plan: False

Combined Use Limits:

<u>Rate</u>	<u>Volume</u>	<u>Acres</u>	<u>Water Rights</u>
6.240		312.0	65-1979 , 65-13986

IDAHO DEPARTMENT OF WATER RESOURCES
Water Right 65-13986

3/1/2022

SubCase:

N/A

Water Supply Bank:

N/A

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Water Right 65-13986

10/1/2020

Before Split

Owner Type **Name and Address**
 Current Owner RASPBERRY RANCHES LLC
 1112 W MAIN # 604
 BOISE, ID 83702
 (208) 386-9494

Original Owner CAROL LYNN MAC GREGOR
 1112 W MAIN # 604
 BOISE, ID 83702
 (208) 386-9494

Priority Date: 11/27/2000

Basis: License

Status: Active

Source
 GROUND WATER

Tributary

<u>Beneficial Use</u>	<u>From</u>	<u>To</u>	<u>Diversion Rate</u>	<u>Volume</u>
IRRIGATION	04/15	10/31	1.060 CFS	
	<u>Total Diversion</u>		1.060 CFS	

Source and Point(s) of Diversion

GROUND WATER NESE Sec. 13, Twp 13N, Rge 03E, VALLEY County

Place Of Use

IRRIGATION within VALLEY County

			NE				NW				SW				SE				Totals
Twp	Rng	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
13N	03E	13				7.2									18.0	11.0			36.2
13N	04E	18							10.0	6.3	13.0	18.0							47.3
									L2			L3							

POU Total Acres: 83.5

Conditions of Approval:

1. 065 The right holder shall make full beneficial use of right 65-1979 for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when right 65-1979 is not available or is not reasonably sufficient to irrigate the place of use authorized under this right.
2. 073 Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.
3. 103 When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for

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- mitigation and the amount of mitigation are determined.
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 8. X35 Rights 65-13986 and 65-1979 when combined shall not exceed a total diversion rate of 6.24 cfs and the irrigation of 312.0 acres.

Comments:

1. shemenway 12/13/2011 Field Report Narrative
An 8 inch casing, 30 Hp Grundfos serial 475S-300-4AB, 8 inch discharge, 50psi, 170 ft deep, 10 ft static, 46 ft 7 inch drawn-down with a 2 1/2 hr pump test yielding 450 gpm; well is located west of Cascade, 1/2 mile south of West Mountain Rd and Cabarton Rd intersection, on the northeast corner of Cabarton Rd and Belidere Rd.. Running south to north along the fence line from the well is a buried main with hook-up for 4 inch wheel line; 30 ft sections, with 1/8 inch nozzles per section. On the field to the west, the buried main runs east to west along the north fence line with hookups for 2 inch polypipe and 8 Irripods. Each Irripod has a Nelson No. 4 rotator 1/8 inch nozzle. When the wheel line and pods are running, at the same time, they run at 40psi. At the time of the field inspection the lines had all been blown out to prevent the lines from freezing, and all the wheel line had been grouped for winter storage. For this reason, no physical measurement was taken. A Theoretical on the well, the pumpers report, and pump curve were evaluated by IDWR engineer Michele Edl were reviewed and approved for determining the CFS.

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RECOMMEND:

1.06 cfs as approved by Michele Edl/IDWR Engineer

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7.	shemenway Updated PLS	12/13/2011	POD
8.	shemenway Updated Shape	1/3/2012	POU
9.	shemenway Updated PLS	1/3/2012	POU
10.	shemenway Updated Shape	1/4/2012	POU
11.	shemenway Updated PLS	1/4/2012	POU
12.	shemenway Vir = 83.5 acres X 3 = 250.5 af Vdr = 1.06 cfs X 199 X 1.9835 = 418.4 V = 250.5 af	1/5/2012	Volume

Dates and Other Information

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Generic Max Rate Per Acre: 0.020

Generic Max Volume Per Acre: 3.0

Mitigation Plan: False

Combined Use Limits

Rate

6.240

65-1979 ,65-13986

Volume

Acres

312.0

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10/1/2020

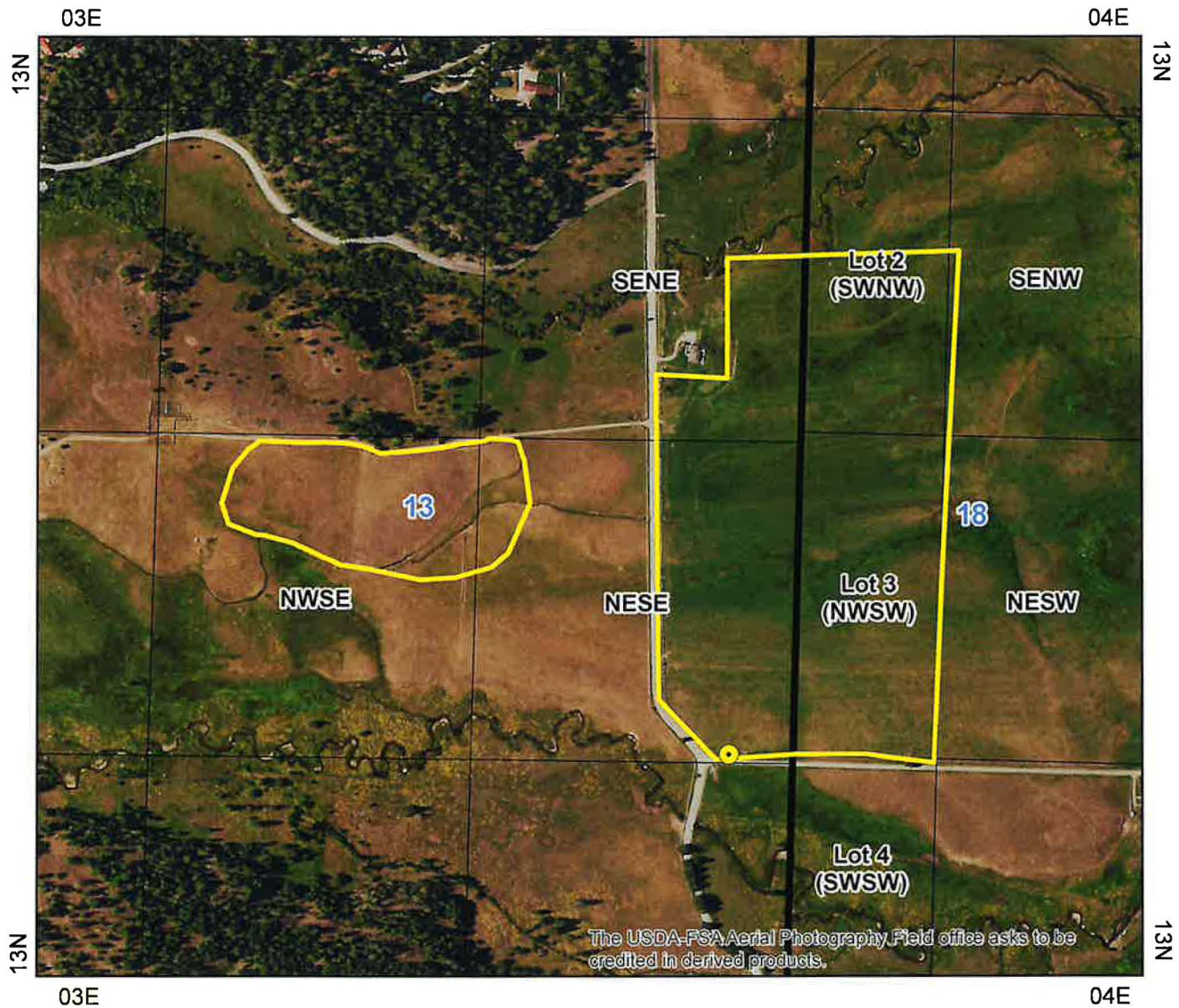
SubCase:

N/A

Water Supply Bank:

N/A

State of Idaho
Department of Water Resources
Water Right License
65-13986



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.075 0.15 0.3 Miles

