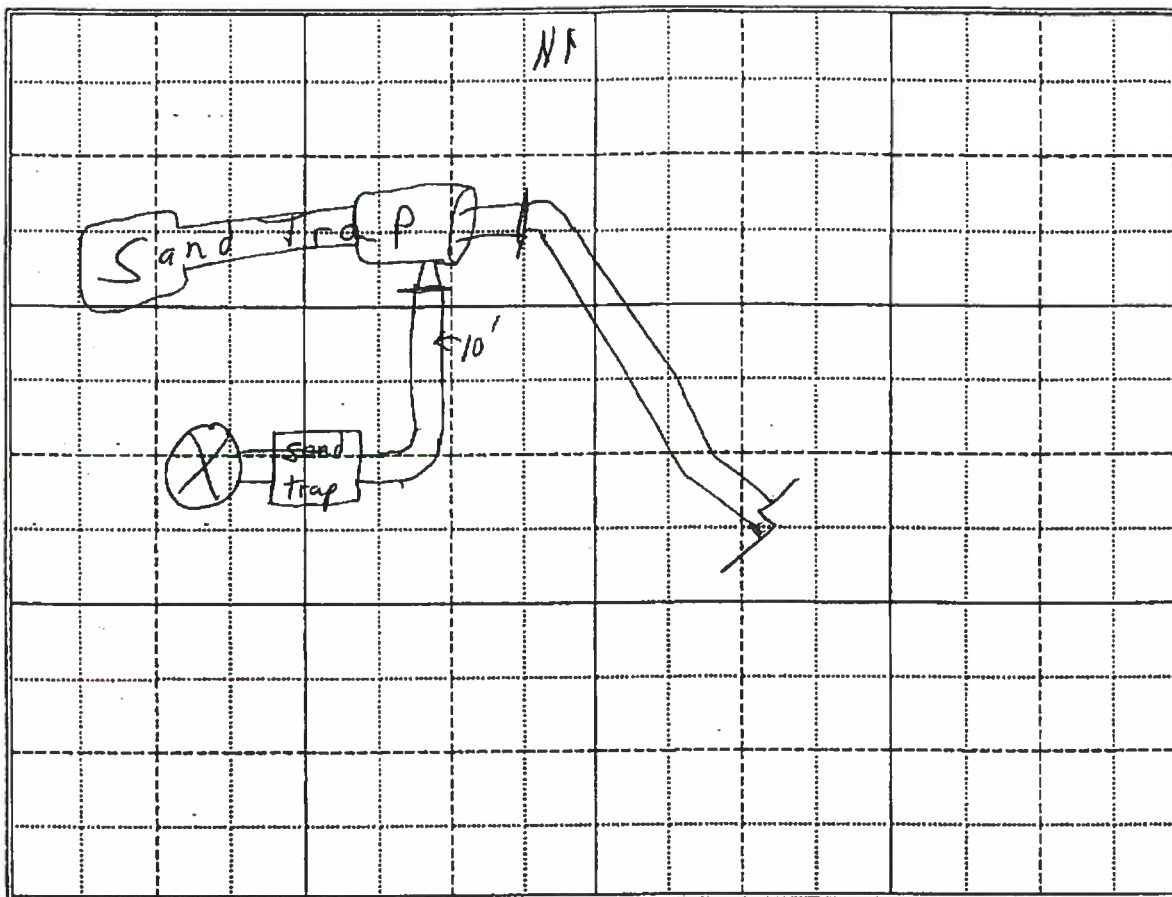




3. Delivery System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = \_\_\_\_\_

\_\_\_\_ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

\_\_\_\_ Aerial Photo Attached (required for irrigation of 10+ acres)

\_\_\_\_ Photo of Diversion and System Attached

4.

| Well or Diversion Identification No.* | Motor Make | Hp  | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---------------------------------------|------------|-----|------------------|-----------|-----------------------------------|
|                                       | US Motors  | 100 | 20211 90         | Johnston  | 5952?                             |
|                                       |            |     |                  |           |                                   |
|                                       |            |     |                  |           |                                   |

\*Code to correspond with No. on map and aerial photo

#### D. FLOW MEASUREMENTS

1.

| Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|------|------|-----------|------------|------|-------------|
| Polysonic             |      | Fuji |           |            |      |             |
|                       |      |      |           |            |      |             |

2. Measurements:

Dia 10.02 Thk .107 Steel  
Observed GPM 1113

E. NARRATIVE/REMARKS COMMENTS

4 1/2 mile wheel lines were operating during the flow test.

Mr. Schiess expressed concern that it had been a while since he had worked on the pump. He didn't think it was operating as efficiently as it has in the past.

The highest flow I noticed on the polysonic was 1113 gpm.  
The permit was for 1434 gpm.

Mr. Schiess indicated that 4 1/2 mile wheel lines is the most the pump will run.

System pressure was 68 psi before large sand trap and 62 psi after.

22-7030 measured same well/pump/motor  
AT 4.0 CFS IN 1974.

Have conditions of permit approval been met? ☒ yes ☐ no

# F. FLOW CALCULATIONS

Measured Method:

$$\frac{1113}{448.83} = 2.48 \text{ cfs}$$

Additional Computation Sheets Attached

Measured in 1974 at  
4.0 cfs

# G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{LR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 158 \times 3.5 = 553 \text{ AF/A}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 2.48(200)1.9835 = 983$$

$$V = \text{Smaller of } V_{LR} \text{ and } V_{D.R.} = 553 \text{ AF/A}$$

2. Volume Calculations for Other Uses:

# H. RECOMMENDATIONS

1. Recommended Amounts

| Beneficial Use | Period of Use |           | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|----------------|---------------|-----------|------------------------------|--------------------------|
|                | From          | To        |                              |                          |
| IRR            | 4/15          | 10/31/15? | 2.48 cfs                     | 553 AF/A                 |
|                |               |           |                              |                          |
|                |               |           |                              |                          |
|                |               |           |                              |                          |
|                |               |           |                              |                          |
|                |               |           |                              |                          |
| Totals:        |               |           | 2.48 cfs                     | 553 AF/A                 |

2. Recommended Amendments

☐ Change P.D. as reflected above    ☐ Add P.D. as reflected above    ☒ None  
☐ Change P.U. as reflected above    ☐ Add P.U. as reflected above    ☐ Other

# I. AUTHENTICATION

Field Examiner's Name Steve Mueller Date 8-18-00

Reviewer DAVE CARLSON Date 3/7/2002

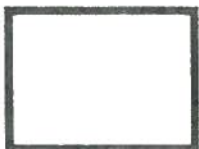
SEAL

**22-07671**

**04N, 45E SEC. 8**



⊙ **POINT OF DIVERSION**



**PLACE OF USE**

22-7671

pod

583  
T274

SEE G-1

HELI-HELI

HELI-HELI

HELI

HELI

HELI

HELI

POU

2 269 3 324 4 448

5 300

## IDAHO DEPARTMENT OF WATER RESOURCES

## Water Right Report 22-7030

WATER RIGHT NUMBER: 22-7030

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| <u>Owner Type</u> | <u>Name and Address</u>                                                                    |
| Current Owner     | SCHIESS BROTHERS<br>C/O LYLE SCHIESS<br>4964 W 6750 S<br>VICTOR, ID 83455<br>(208)787-2468 |

Priority Date: 02/11/1970

Basis: Decreed

Status: Active

|               |                  |
|---------------|------------------|
| <u>Source</u> | <u>Tributary</u> |
| GROUND WATER  |                  |

|                       |                         |           |                       |                      |
|-----------------------|-------------------------|-----------|-----------------------|----------------------|
| <u>Beneficial Use</u> | <u>From</u>             | <u>To</u> | <u>Diversion Rate</u> | <u>Annual Volume</u> |
| DOMESTIC              | 01/01                   | to 12/31  | 0.040 CFS             |                      |
| IRRIGATION            | 05/15                   | to 10/15  | 4.000 CFS             | 939.00 AF            |
|                       | <u>Total Diversion:</u> |           | 4.000 CFS             | 939.00 AF            |

Location of Point(s) of Diversion

|              |                 |                                |
|--------------|-----------------|--------------------------------|
| GROUND WATER | NE1/4NE1/4SE1/4 | Sec. 7, Twp 04N, Rge 45E, B.M. |
| TETON County |                 |                                |

Place of Use

DOMESTIC

| Twp | Rge | Sec | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |    |    | Totals |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|
|     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE |        |
| 04N | 45E | 7   |    |    |    |    |    |    |    |    |    |    |    |    | X  |    |    |    |        |

## IRRIGATION

| Twp | Rge | Sec | NE   |    |    |      | NW   |    |    |    | SW |      |      |      | SE |    |      |    | Totals |
|-----|-----|-----|------|----|----|------|------|----|----|----|----|------|------|------|----|----|------|----|--------|
|     |     |     | NE   | NW | SW | SE   | NE   | NW | SW | SE | NE | NW   | SW   | SE   | NE | NW | SW   | SE |        |
| 04N | 45E | 7   | 38.0 |    |    | 39.0 |      |    |    |    |    |      |      | 39.0 |    |    | 39.0 |    | 155.0  |
| 04N | 45E | 8   |      |    |    |      |      |    |    |    |    | 39.0 | 40.0 |      |    |    |      |    | 79.0   |
| 04N | 45E | 17  |      |    |    | 40.0 | 39.0 |    |    |    |    |      |      |      |    |    |      |    | 79.0   |

Total Acres: 313

IDAHO DEPARTMENT OF WATER RESOURCES  
Water Right Report 22-7030

Conditions of Approval:

1. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

Remarks:Comments:Dates and Other Information:

Licensed Date:  
 Decreed Date: 11/24/2008  
 Enlargement Use Priority Date:  
 Enlargement Statute Priority Date:  
 State or Federal: S  
 Owner Name Connector:  
 Water District Number:  
 Generic Max Rate Per Acre:  
 Generic Max Volume Per Acre:  
 Decree Defendant:  
 Decree Plaintiff:  
 Civil Case Number: 39576  
 Judicial District: FIFTH  
 Swan Falls Trust or Nontrust:  
 Swan Falls Dismissed:  
 DLE Act Number:  
 Carey Act Number:  
 Mitigation Plan: False

Combined Use Limits:Element Reviewed/Verified Dates:

| <u>Element</u> | <u>Last Reviewed Date</u> | <u>Reviewer</u> | <u>Last Verified Date</u> | <u>Verifier</u> | <u>Status</u> |
|----------------|---------------------------|-----------------|---------------------------|-----------------|---------------|
| Summary        |                           |                 | 07/17/2006                | tgalbraith      | Closed        |

Verification Log:

| <u>Element</u> | <u>Date Time Stamp</u> | <u>Reviewer</u> | <u>Log text</u> |
|----------------|------------------------|-----------------|-----------------|
| POD            | 7/17/2006 8:22:06 AM   | tgalbraith      | Updated shape   |