STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
**BENEFICIAL USE FIELD REPORT**

## A. GENERAL INFORMATION

**Permit No:** 95-17696
**Exam Date:** 03/16/2020

1. Current Owner:
   CDA LAKE LLC 5114 S MUIRFIELD LN SPOKANE WA 99223-6362

2. Accompanied by: In office exam / drive by. Verbal permission given by neighbor for exam.

3. **SOURCE:**
GROUND WATER

**Method of Determination:** GIS, Tax Lot data, and physical exam.

## B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

| Water Right No. | Source | Purpose of Use | Basis |
|---|---|---|---|
| 95-16307 | GROUND WATER | DOMESTIC | RECOMMENDATION |
| | | | |

Comments: 95-16307 is recommended for domestic for two homes limited to 2500 GPD. The applicant applied for this water right to get an adequate amount of water for in home and irrigation use.

2. Other water rights with the same point-of-diversion: YES Overlap

| Water Right No. | Source | Purpose of Use | Basis |
|---|---|---|---|
| 95-16307 | GROUND WATER | DOMESTIC | RECOMMENDATION |
| 95-16306 | GROUND WATER | DOMESTIC | RECOMMENDATION |
| 95-17699 | GROUND WATER | DOMESTIC | PERMIT |

Comments: 95-16306 and 95-16307 are being recommended with a maximum diversion rate of 0.04 cfs and a daily limit of 2500 GPD for both. The applicant and neighbor applied for two separate applications for permit (95-17699 and 95-17696) so they would be able to have adequate water for in home use and irrigation up to ½ acre per lot.

## C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER L1 ( NE¼ NE¼), Sec. 25, Twp 48N, Rge 05W, B.M. KOOTENAI County

Method of Determination: Maps and GPS. POD is located at -116° 55.110, 47° 28.792, well tag D0010107.

**PLACE OF USE:** DOMESTIC

| Twp | Rng | Sec | NE | | | | NW | | | | SW | | | | SE | | | | Totals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | |
| 48N | 05W | 25 | X L1 | | | | | | | | | | | | | | | | |

Method of Determination: GIS and Tax Lot data.

3.

| Well or Diversion ID No.* | Motor Make | Hp | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---|---|---|---|---|---|
| D0010107 | Unkown | | | | |

**D. FLOW MEASUREMENTS**

1.

| Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|---|---|---|---|---|---|---|
| NONE | | | | | | |

2. Measurements: No measurement is required for an in-house exam.

**E. FLOW CALCULATIONS**

Flow measurement not required as per IDAPA RULE 37.03.02.035.01.r.iii.

**F. DIVERSION RATES**

The diversion rate for this domestic right is limited to 0.04 cfs or 18.0 gpm.

**G. VOLUME CALCULATIONS**

The annual volume for this domestic right is limited to = 1.2 AF.

**H. NARRATIVE/REMARKS/COMMENTS**

This permit qualifies for an in-house field examination. A drive by was performed and GPS was used for the POD, and verified a home was on the property. Photographs were taken to show the home, irrigation up to ½ acre, and the POD.

The permit was authorized for 0.04 cfs or 18 gpm. We were unable to verify a pump size, but the well log shows it is capable of producing an adequate amount of water for 0.04 cfs. The measurement of a diversion rate is covered by in-house rules and thus the license will be issued for 0.04 cfs. There was a home built so 0.6 AF will be given for home use, and 0.6 AF will be given for up to ½ acre of irrigation as hoses, frost free hydrants, and yard was present. The license will be issued for 0.04 cfs and an annual volume of 1.2 AF.

Recommendation 95-16307 is also established on this property. The POD is also used for 95-16306, 95-16307, and 95-17699. Recommendations 95-16306 and 95-16307 are limited to a total diversion rate of 0.04 cfs, and a limitation of 2500 GPD combined. Both property owners applied for new water rights so they would have a greater diversion rate and capability to irrigate around each house.

Condition X35 is placed on this license to limit the diversion rate of 95-16307 and this right to a combined rate of 0.04 cfs. The condition will not limit annual volume because 2500 GPD will equal a greater annual volume than 1.2 AF. Condition 928 was added to reduce any redundancy when 95-16307 is decreed. Conditions X59 and X60 have properly identified the subdivision lot. Condition F06 describes all water rights diverted from the POD. All other conditions will remain from permit.

Have conditions of permit approval been met? _X_ Yes ____ No

## I. RECOMMENDATIONS

### 1. Recommended Amounts

| Beneficial Use | Period of Use | Rate of Diversion | Annual Volume |
|---|---|---|---|
| DOMESTIC | 01/01 to 12/31 | 0.04 CFS | 1.2 AF |
| | **Totals:** | 0.04 CFS | 1.2 AF |

### 2. Recommended Amendments

____ Change P.D. as reflected above ____ Add P.D. as reflected above X None

____ Change P.U. as reflected above ____ Add P.U. as reflected above X None

## J. AUTHENTICATION Luke Bates - Water Resource Agent

Field Examiner's Name [signature] Date 17 MAR 2020

Reviewer [signature] Date 3/20/2020

**State of Idaho**
**Department of Water Resources**

# Attachment to Field Exam

**95-17696**

DOMESTIC system diagram.

Point of Diversion

Place Of Use Boundary

Townships

PLS Sections

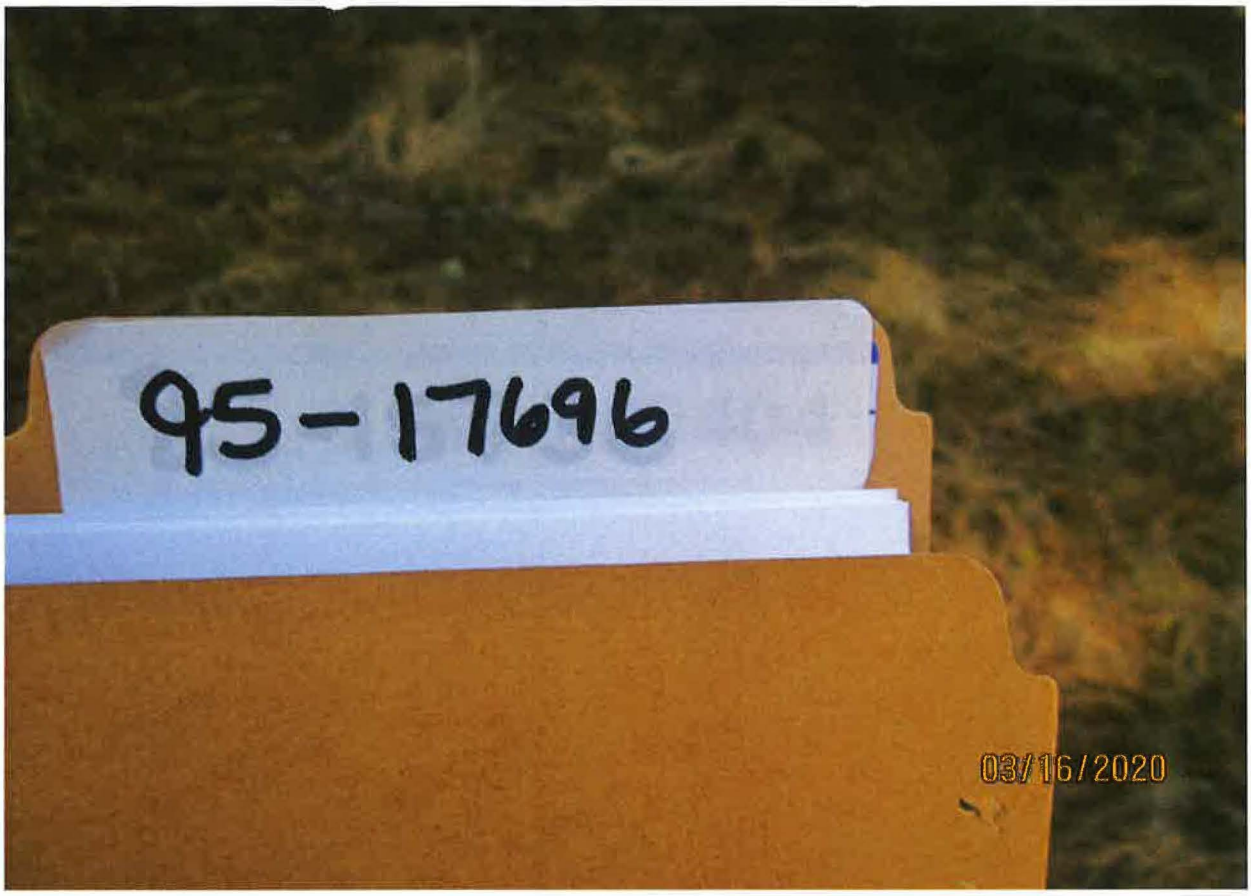
Quarter Quarters

0 0.035 0.07 0.14 Miles

N

TAX LOT VERIFICATION FOR WR# 95-17696

Capture & Print Date: 3/13/2020



Point of Diversion. Well Tag# D0010107.

Well Tag# D0010107.

Domestic Place of Use.

Domestic Place of Use up to ½ acre of irrigation.

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