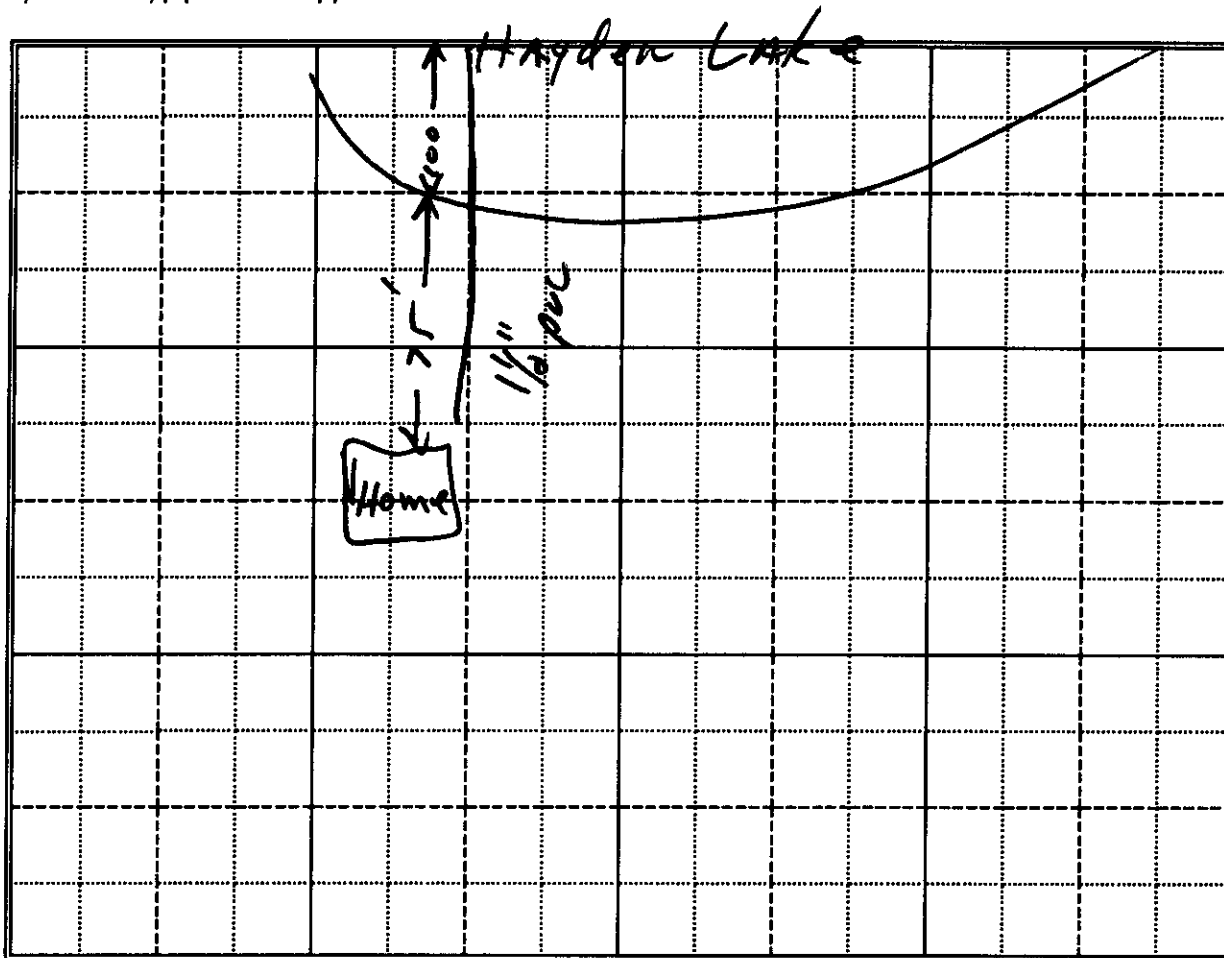


[illegible]

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 |
|---------------------------------------|------------|----|------------------|-----------|-----------------------------------|
|                                       | Grundfos   | 1  | 91126155         | Sub       | 1.5"                              |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |

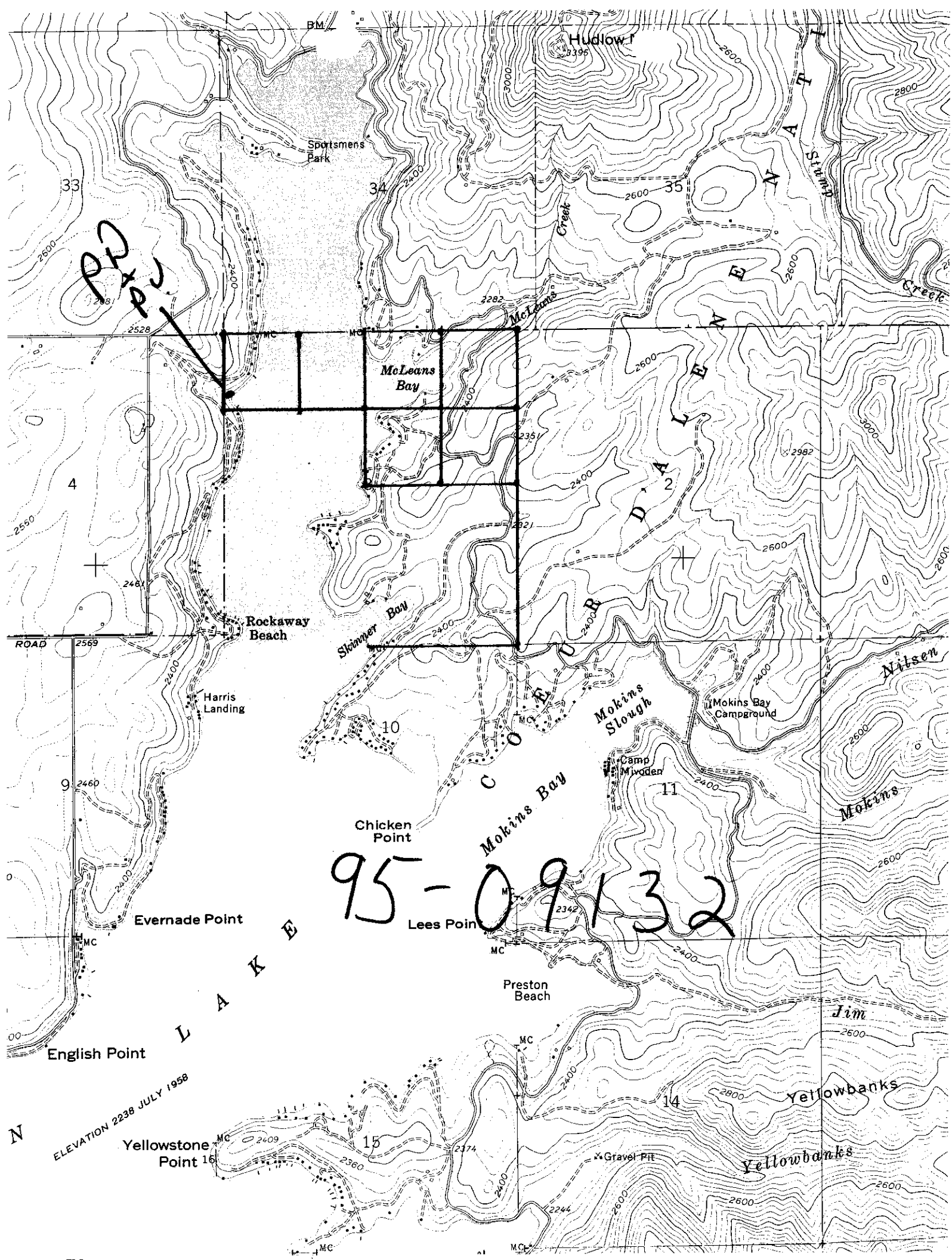
\*Code to correspond with No. on map and aerial photo

#### D. FLOW MEASUREMENTS

1.

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

2. Measurements: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



95-09132

McLeans Bay

Mokins Bay

Mokins Slough

Rockaway Beach

Chicken Point

Lees Point

Preston Beach

English Point

Evernade Point

Yellowstone Point

Yellowbanks

Jim

Mokins

Mokins Bay Campground

Camp Mivoden

Skinner Bay

McLeans Creek

N A T I

E L E N

D A L E N

C O E D

Sportsmens Park

Hudlow I

2800

2600

2600

2282

2351

2321

34

35

33

4

9

10

11

14

15

ELEVATION 2238 JULY 1958

N

MC

MC

MC

MC

MC

MC

2600

2800

Gravel Pit

2374

2400

2360

2409

95-09132



PW



PV



Pump House  
Control Room

E. NARRATIVE/REMARKS/COMMENTS

Mr. Dirkmaat was unavailable for exam but he did want to get the exam done. So he allowed me access to property and pump house and controls, I did exam unaccompanied.

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

## F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

5 gal bucket with pressure tank blab off  
5 gal in 17 sec = 17.6 gpm  
$$\frac{17.6 \times .133681}{60} = .039 = .04 \text{ cfs}$$

## G. VOLUME CALCULATIONS

### 1. Volume Calculations for Irrigation:

$V_{I.R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$  \_\_\_\_\_

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

$V = \text{Smaller of } V_{I.R} \text{ and } V_{D.R} =$  \_\_\_\_\_

### 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    |                              |                          |
| Domestic       | 01-01         | 12-31 | .04                          | 1.2                      |
| _____          | _____         | _____ | _____                        | _____                    |
| _____          | _____         | _____ | _____                        | _____                    |
| _____          | _____         | _____ | _____                        | _____                    |
| _____          | _____         | _____ | _____                        | _____                    |
| Totals:        |               |       | .04                          | 1.2                      |

### 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 Wayne Balch Date 9-28-04

Reviewer \_\_\_\_\_ Date \_\_\_\_\_

SEAL