

SCANNED
MAY 31 2007

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 92-10022

Exam Date: 5/3/2007

1. Current Owner: Marion Smithwick Woodstock
2. Accompanied by: Marion Smithwick Woodstock
Phone No: (208) 245-1761
Address: PO Box 257, Santa, ID 83866
Relationship to Permit Holder: N/A

3. SOURCE TRIBUTARY
SOUTH FORK SANTA CREEK SANTA CREEK

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: None

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:
SOUTH FORK SANTA CREEK L7 SE1/4SE1/4 Sec. 35, Twp 44N, Rge 03W, B.M.
BENEWAH County (N 47 Deg 06.573 Min W 116 Deg 40.235 Min)
2. Method of Determination: Map recon followed by use of GPS receiver at Point of Diversion (See narrative).

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	
44N 03W 35																X	
																L 7	

3. ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
☐ Aerial Photo Attached (required for irrigation of 10+ acres).
☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement</u> <u>Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

F. 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:

Domestic Use: (1 Household):

$$\gamma 1.2 AF = 1.2$$

Instantaneous Demand.

Declared uses of water by the owner are sink, toilet, and shop. These fixtures or uses total 18 gallons per minute. Totals are from Exhibit 17, Rural and Domestic Water Uses, Field Examiners Handbook.

Pump capacity equals 7.2 gpm (.4 x 18 gpm) 'Storage facilities related to Domestic Type Uses' Field Examiners Handbook.

Calculation of total daily consumption using the installed system

$$7.2 \text{ gpm} \times 1440 \text{ hrs per day} = 10,368 \text{ gallons per day.}$$

10,368 gallons per day is less than the permitted .04 cfs

G. NARRATIVE/REMARKS/COMMENTS

Field Exam conducted May 3 2007. GPS coordinates Waypoint 116 North 47 degrees 06.573 minutes West 116 degrees 40.235 minutes taken at Point of Diversion from South Fork Santa Creek. Clearwater Power headquartered at Lewiston Idaho provides electrical service to property. Altitude at site per USGS map information is approximately 2660 feet.

An electric powered .75 horsepower submersible pump is installed in a concrete tank covered by a wellhouse. The tank receives water from an inlet pipe 6 to 8 feet in length whose opening was visible below the water surface of South Fork Santa Creek. An intact water line leads from the well to the owners home.

The owner and escort stated that water from the system is used only in the sink and toilet and shop and that they are unable to reach the site for several months each year due to snow accumulation. The owners were cleaning up scub trees and other vegetation at the site on the day of the field exam. There was no visible use of water from the system for irrigation or stock water.

Have conditions of permit approval been met? ☒ Yes ☐ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.040 CFS	
<u>Totals:</u>		0.040 CFS	

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

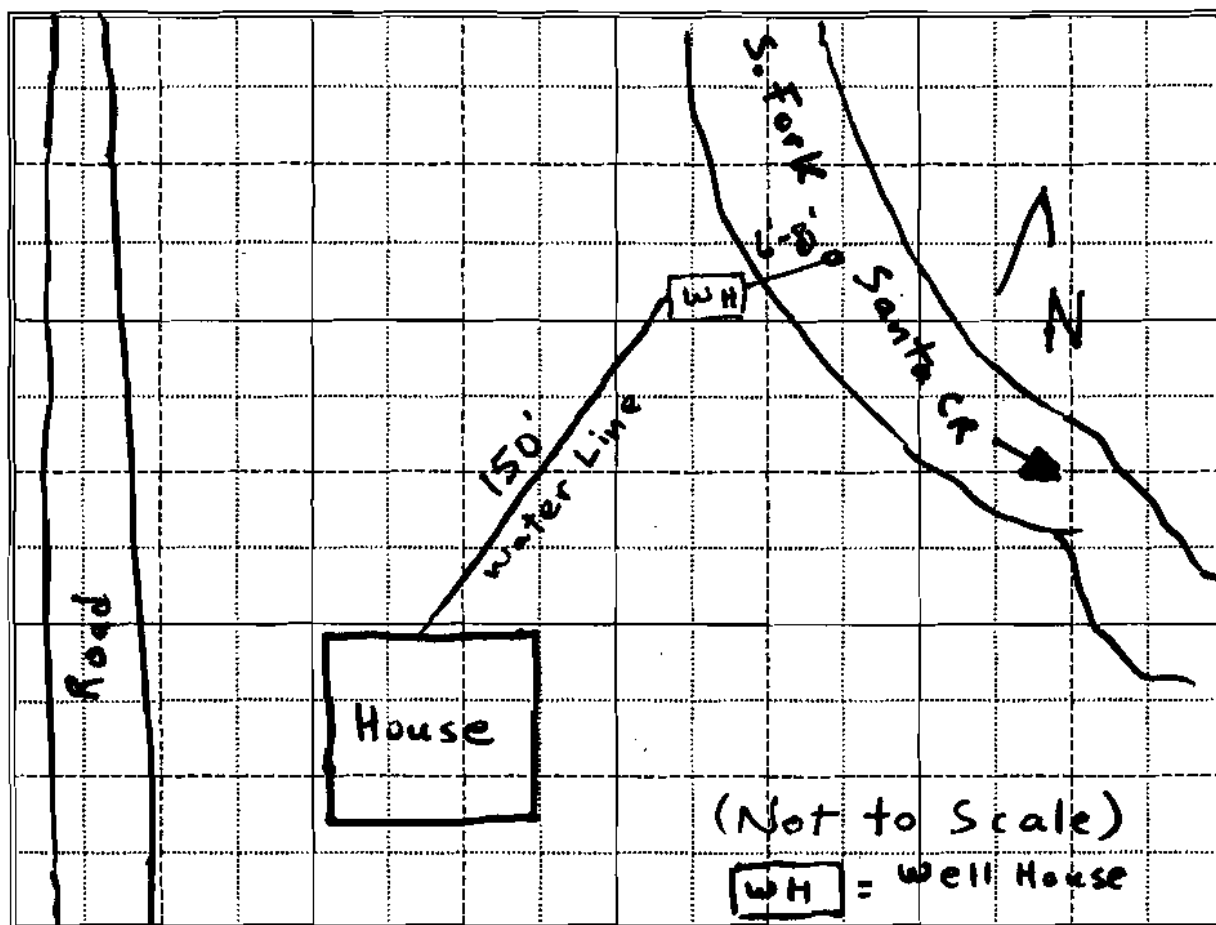
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Shawn M. Mafey Date 05/09/07
 Reviewer [Signature] Date 5/31/7

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



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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

*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:

30

-7900

-7800

-7400

-7450

-7500

-7550

GYC-34

GYC-33

GYC-32

Govt. Lot 7 - 39.72

GYC-31

GYC 30

GYC 29

MARY

PRICE

PAUL

YEGGE

EDWARD
BOYKEN

ANNETTE

MASSING

MASON

SHIRLEY

FREESE

-8450

-8400

-9300

-9200

-9103

-9000

GYC-39

GYC-40

GYC-41 & 42

GYC-43

GYC-44

MARY

PRICE

PAUL

WIEGGE

JOAN

BURDETT

PETTINGILL

RECEIVED
SEP 14 2005
IDWR/North

-9102

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-9102

MARGUARITE

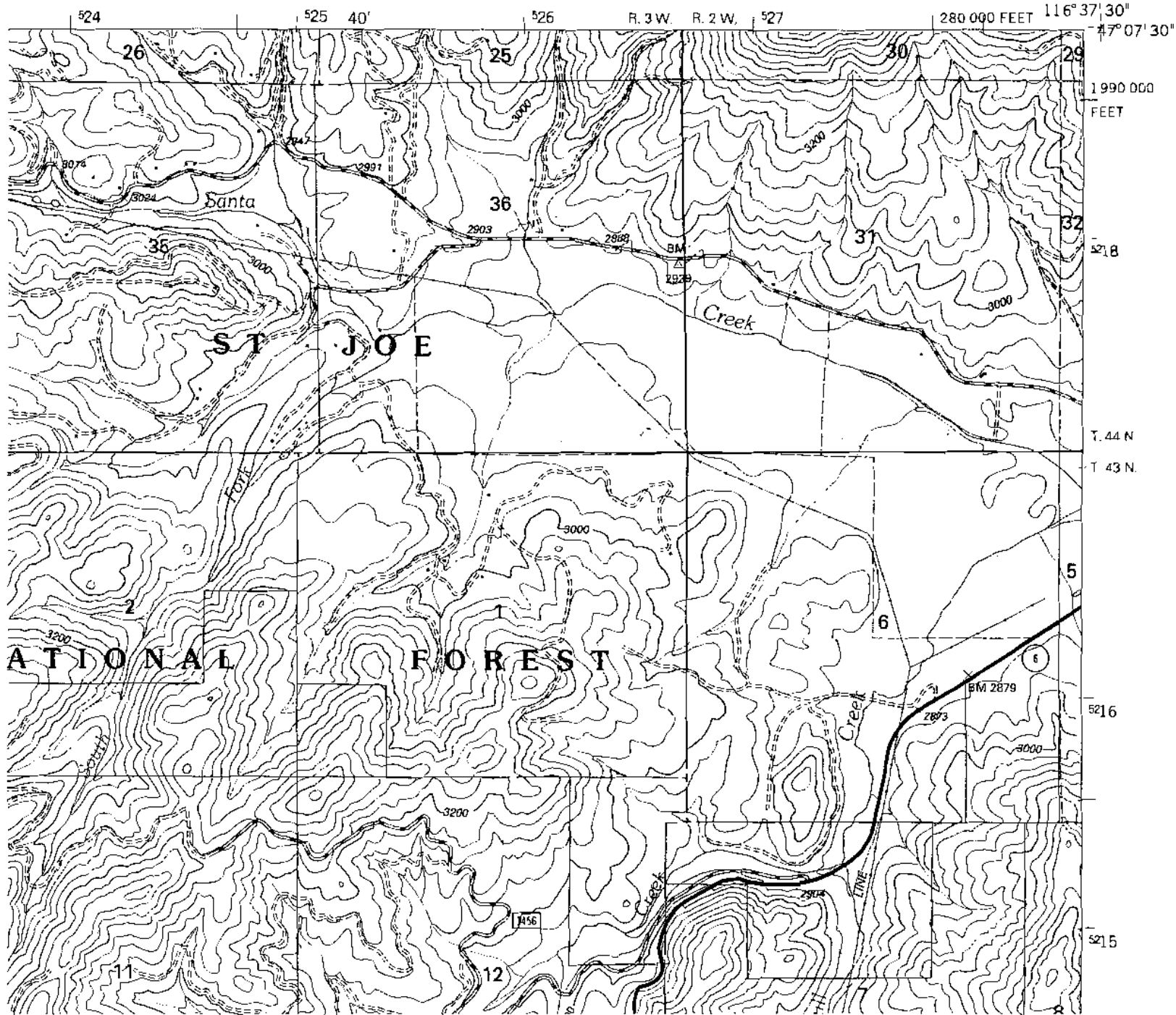
SHERMAN
MARION
SMITHWICK
WOODSTOCK

-9600

35 36

STATES
F AGRICULTURE
SERVICE

WEST DENNIS QUADRANGLE
IDAHO
7.5-MINUTE SERIES (TOPOGRAPHIC)





DOMESTIC PLACE OF USE



INLET PIPE FOR PUMP



PIPE FROM STREAM AND
PIPE TO HOUSEWITH P...



PIPE RUNNING TO HOUSE



POINT OF DIVERSION

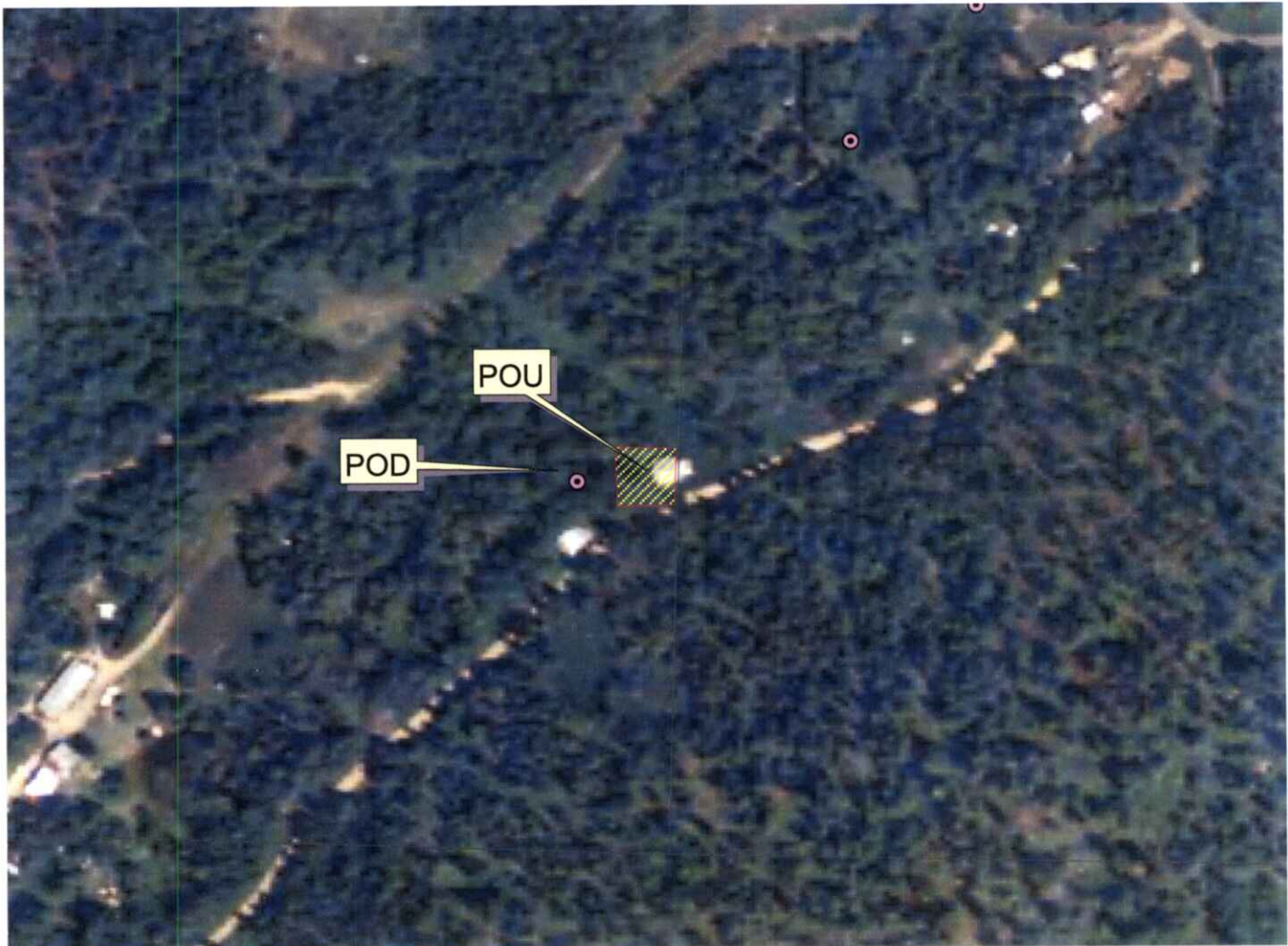


PUMP

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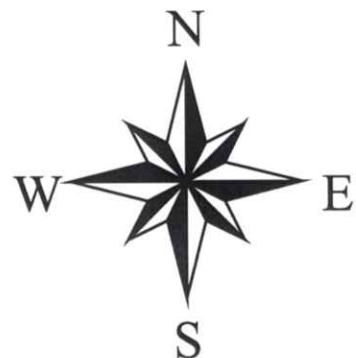
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0.04 0 0.04 0.08 Miles

-  GCDB44N03W GCDB
-  Right POD
-  Right POU
-  Administrative BasinsAdminbas.shp





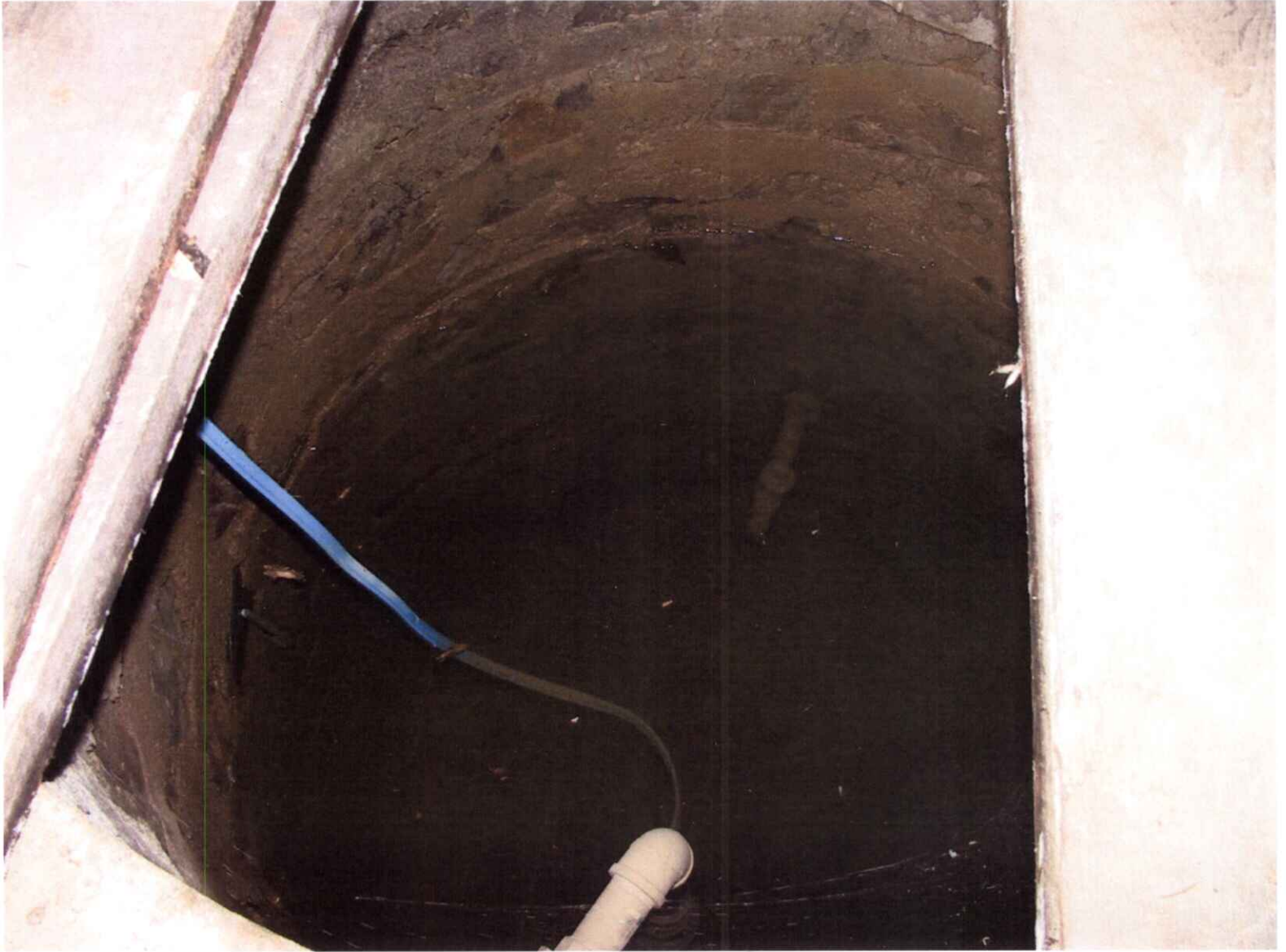
Domestic Place of Use

92 - 10022



Inlet Pipe for Pump

92-10022



Pipe From Stream and Pipe to House

92 - 10022



Pipe Running To House

92-10022



Point of Diversion

92 - 10022



Pump

92 - 100 22