

FILE NUMBER ----- 35-13002
REVIEWER ----- ESV 10/13/93

DAIRIES: WATER USE WORKSHEET

THEORETICAL FLOW ESTIMATION WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE ----- 80
NUMBER OF NONMILKING CATTLE ----- 15
IF LAGOON IS AEROBIC, ENTER ITS SURFACE AREA IN ACRES;
IF ANAEROBIC, ENTER ZERO ----- 0.2
EVAPOTRANSPIRATION FACTOR FOR AREA (AC-FT/AC-YR) ----- 4
ENTER 1 FOR MANUAL COW WASHING, 2 FOR AUTOMATIC, OR 3 IF
SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS -
NUMBER OF MILKINGS PER DAY ----- 2

CALCULATIONS

DIVERSION RATE FOR STOCKWATER (CFS):

MILKING CATTLE @35 GPD/HD ----- 0.05
MILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 0.06
NONMILKING CATTLE @12 GPD/HD ----- 0.00
NONMILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 0.02
TOTAL (BASED UPON ROUNDED NUMBERS) ----- 0.09

DIVERSION VOLUME (AFA):

STOCKWATER
MILKING CATTLE @35 GPD/HD ----- 3.1
MILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 3.9
NONMILKING CATTLE @12 GPD/HD ----- 0.2
NONMILKING CATTLE (NUMBER OF CATTLE ROUNDED UP) * --- 0.4
TOTAL (BASED UPON ROUNDED NUMBERS) ----- 4.3

COMMERCIAL
WASHING OF BULK TANK AND RELATED EQUIPMENT ----- 0.4
PARLOR FLOOR AND MILKHOUSE FLOOR ----- 0.1
CATTLE WASHING BASED UPON METHOD OF WASHING ----- 0.1
TOTAL ----- 0.6

TOTAL DIVERSION VOLUME ----- 4.9

CONSUMPTIVE USE VOLUME (AFA):

STOCKWATER
MILKING ----- 0.6
NONMILKING ----- 0.0
TOTAL ----- 0.6
COMMERCIAL ----- 0.6
TOTAL CONSUMPTIVE USE ----- 1.2

REQUIRED PUMP INFORMATION

PUMP HORSEPOWER (HP) ----- PUMP 1 PUMP 2 PUMP 3
LIFT (FT) ----- 1.50 0.00 0.00
DISCHARGE PRESSURE (PSI) ----- 50 0 0
FRICTION LOSSES (FT) ----- 45 0 0
3.0 0.0 0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) * ----- 0.06 0.00 0.00
DIVERSION VOLUME (AFA) ** ----- 43.5 0.0 0.0

* PUMP EFFICIENCY WAS ASSUMED TO BE 70%.
* DIVERSION VOLUME IS THE ABSOLUTE MAXIMUM VOLUME BASED ON THE
THEORETICAL FLOW RATE ASSUMING PUMP RUNS CONTINUOUSLY EVERY
DAY OF THE YEAR.

* NUMBER OF CATTLE ROUNDED UP TO AGREE WITH EXISTING TABLES.

LAST: CHRISTENSEN
ADDRESS: 1579 W. 200 N.
CITY: H.A.C. 0000
PHONE NUMBER: 208-000-0000

FIRST: ROYD E.
STATUS: ID ZIP: 83221

OWNER CODE: C

FIELD DATA METHOD

VERIFICATION REQUIRED DUE TO REMARKS?

DATE: 10/1/93
ADJUDICANT NAME: Y () N ()
PHONE NUMBER: ()
PHONE NUMBER: ()

NO REMARKS IN CLAIM

FIELD EXAMINATION INFORMATION

CONTACT PERSON:

DATE OF FIELD EXAM: 10/1/93

ACCOMPANIED BY: NONE

RELATIONSHIP TO CLAIMANT:

DIRECTIONS TO PROPERTY / NOTES:

Drive By Exam. Visited Parcel Use. Owners were not home. Located location of well, house and tank operation.

House Conversation memo: Called and talked w/ Mrs. CHRISTENSEN. She gave me the following information:

15 Acre Milkline Cove
Average waste pond ~ 30' x 30' = 0.21 acres
Manual washings

2 Milklines/day
Pump HP is 1.5

12' 100' water level
He = 50' 10-12-93
Stamp

PAGE: 2
PRIORITY DATE: 10-15-1998

CLAIM NUMBER: 630-1002

A. A1 CLAIM: 4 630-1002 PRIORITY DATE: 10-15-1998 STATUS: J

B. WE REQUEST: NO WATER RIGHT RECORD TO MATCH WITH A1 CLAIM

C. FIELD EXAM REQUIRED:

DUE TO PRIORITY DATE DISCREPANCY? (Y/N)

DATABASE Y FIELD EXAMINED N

ARE THERE OBVIOUS REASONS TO QUESTION THE PRIORITY DATE CLAIM? (Y/N) (X)

IF YES EXPLAIN:

NOTES:

Reviewed as Claimed. No conflicting evidence found.

RECOMMENDED PRIORITY DATE:

REVIEWED BY

DATE:

10-18-98

A. AD CLAIM POINT OF DIVERSION AND SOURCE:

RIGHT	YMP.	KOT.	SEC.	1/4	1/4	1/4	LOT	CROY
A35-13002	0.25	33E	28		NO	NO		8 CHDHAM

OTHER AD CLAIMS WITH SAME AD FOR
A PEREX R PEREX
NONE K35-12694 35-021694

SOURCE: GROUNDWATER

TRID:

B. WR POINT OF DIVERSION AND SOURCE:

THERE IS NO WATER RIGHT RECORD WITH THE SAME CLAIM NUMBER

SOURCE: NO SOURCE FOR RECORD

TRID: NO TRIBUTARY FOR RECORD

C. FIELD EXAM (RHD) (RHD)?

DUE TO POU DISCREPANCY?	(Y/N)	DATA/651	FIELD
DUE TO SOURCE DISCREPANCY?	(Y/N)	Y	EXAMINER
		Y	2

NOTES:

Source Verified as Groundwater. Point of Diversion is w/ the NW NE NW.
AD-SITE EXAM w/ ASCS PHOTO

RECOMMENDED POINT(S) OF DIVERSION AND SOURCE:

W.P.	KOH.	SEC.	1/4	1/4	1/4	LOT	COUNTY	DIVERSION NAME
25	33E	28	NO	NE	NO		BlDG.	

SOURCE: Geo

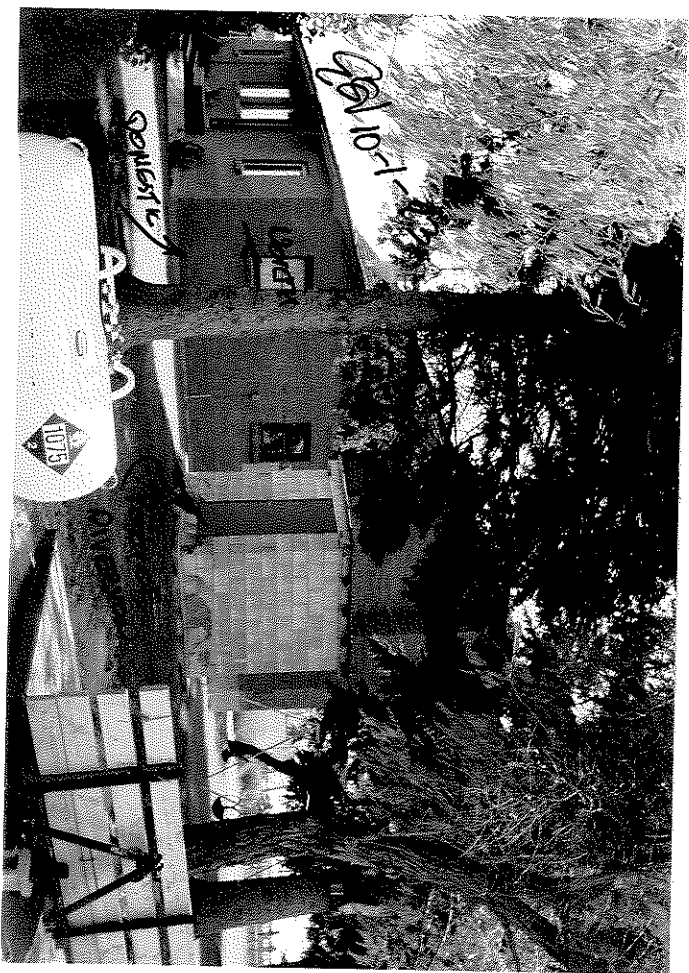
TIME:

REVIEWED BY: BS

DATE: 10-1-93

SYSTEM DESCRIPTION:

well and pump. bored holes to house and daily operation.



A. ROOT WATER POINT NUMBERS: A35-13002

B. POINT LISTING

TRIP	RNG	SEC	L/A	L/A	LOT	NAME	AI #/ACRES	OR #/ACRES	LANDSCAP DATE	LIJ EXAM.	REC'D ACRES
025	33E	28	NW	NW		CHRISTENSEN, BOYD E.	A35-13002 /	-	38.0		
			NW	NW		CHRISTENSEN, BOYD E.	K30-12694 /	-			
			NW	NW		CHRISTENSEN, BOYD E.	A35-021896 /40.0	35-021896 /40.0			
			NW	NW		CHRISTENSEN, BOYD E.	A30-071438 /40.0	-			
025	33E	28	NW	NW		CHRISTENSEN, BOYD E.	A35-13002 /	-	38.0		
			NW	NW		CHRISTENSEN, BOYD E.	K30-12694 /	-			
			NW	NW		CHRISTENSEN, BOYD E.	A35-021896 /40.0	35-021896 /40.0			
			NW	NW		CHRISTENSEN, BOYD E.	A35-07533 /40.0	-			
025	33E	28	NW	NW		CHRISTENSEN, BOYD E.	A35-13002 /	-	38.0		
			NW	NW		CHRISTENSEN, BOYD E.	K30-12694 /	-			
			NW	NW		CHRISTENSEN, BOYD E.	A35-021896 /40.0	35-021896 /40.0			
			NW	NW		CHRISTENSEN, BOYD E.	A30-07533 /40.0	-			
TOTAL ACRES							A35-13002				
							114.00				

ARE IRRIGATED ACRES FOUND IN VARIOUS OTHER THAN CROPLAND ABOVE, Y () N ()
IF YES SEE ATTACHED SHEET:

C. FIELD EXAM REQUIRED?

DUE TO POH DISCREPANCY? (Y/N)

DATE: Y

FIELD EXAMINER

POH COUNTY: B CONDON

PRESUMPTION FLAG:

NOTES:

1 VERIFIED THE LOCATIONS OF PLACE OF USE - 1 HOUSE w/1. MENTIONED, 1 HOUSE w/1. MENTIONED,
STOCK WAREHOUSE w/1. MENTIONED AND MENTIONED, COMMERCIALS w/1. MENTIONED.
LOCATIONS VERIFIED w/ A35 PHOTO.

RECOMMENDATIONS:

TOTAL ACRES:

No IR. DSC (DAILY)

REVIEWED BY:

ES

DATE:

10-1-93

A. ALL CLAIMED USES:

PURPOSES	MONTH/DAY	DIVISION QUANTITY
A33-13002 DOMESTIC	FROM 01-01 TO 12-31	0.040 DRS
A33-13002 STOCKWATER	FROM 01-01 TO 12-31	0.200 CFS
A33-13002 COMMERCIAL	FROM 01-01 TO 12-31	0.200 DRS

TOTAL DIVISION KWH/VOLUME CLAIMED 0.200 CFS

B. NR RECORDING USES:

PURPOSES	MONTH/DAY	DIVISION QUANTITY
----------	-----------	-------------------

PRESUMPTION FLAG:

C. FIELD EXAM RESULTS:

FIELD	EXAM	REASON/RECD?		FIELD	EXAM	INSTR
DUE TO WATER-USE DISCREPANCY?	(Y/N)		Y	DATA/ASH		
DUE TO DIVERSION RATE DISCREPANCY?	(Y/N)		Y			
DUE TO PERIOD ERROR/TO DISCREPANCY?	(Y/N)		Y			

D. PERIOD OF USE:

RECOMMEND AS CLAIMED?	Y () N ()
RECOMMEND TO NR STANDARDS OR OTHER?	Y () N ()

NOTES:

- VERIFIED USES AS DOMESTIC; 2 HOMES; STOCKWATER; 80 DAILY, 15 RACEWATER; COMMERCIAL; 0.040.

- Q: BASED UPON THEORETICAL PUMP CAPACITY, CAPACITY = 0.05 CFS.

RECORDED FROM SPREADSHEET PROGRAM ATTACHED 0.06 CFS STOCKWATER

0.06 CFS DOMESTIC

0.06 CFS COMMERCIAL

Total: 0.06 CFS

A. DOES DIVERSION RATE CLAIMED ANOTHER MCM EXISTING RECORDS?

Y() N()

AJ TOTAL CLAIMED DIVERSION RATE: 0.200 CFS
WR ROOT ROOT TOTAL DIVERSION RATE: 0.200 CFS

*** IF NO or IF STATUTORY CLAIM or BENEFICIAL USE, then flow measurement required. ***
** If an amount smaller than the original diversion rate is **
** claimed and an exam is NOT required, explain in notes. **

FLOW MEASUREMENT REQUIRED?

DUE TO STAGE OR DIVERSION RATE DISCREPANCY? (Y/N) Y ☒ FIELD
DETAILED EXAMINER

B. MEASUREMENT METHOD THEORETICAL FLOW MEASUREMENT

FOR OFFICIAL CALCULATION.

C. ARE OTHER WATER RIGHTS USED? Y() N() IF YES COMPLETE (UN)SLAT REVIEW.

OTHER RIGHTS LISTED IN CLAIM:

LIST ALL RIGHTS WITH A SAME POU AND IRRIGATION USAGE:

CLAIM NO.	SOURCE	NAME	0.00 RATE	DIV. RATE/ANAL	0.00 VOL.	DIV. VOL./ANAL
A35-041896	GROUNDWATER	CHRISTENSEN, BOYD E.	4.680	0.014		
A35-07333	GROUNDWATER	CHRISTENSEN, BOYD E.	0.980	0.003		

LIST ALL RIGHTS WITH SAME POU BUT NOT USED FOR IRRIGATION.

CLAIM NO.	PURPOSES	NAME	MONTH/DAY	DATE	DATE	DATE	DATE	DATE	DATE
A35-13002	DOMESTIC	CHRISTENSEN, BOYD E.	01-01	TO 12-31	0.00	0.00	0.00	0.00	0.00
A35-13002	GROUNDWATER	CHRISTENSEN, BOYD E.	01-01	TO 12-31	0.00	0.00	0.00	0.00	0.00
A35-13002	DOMESTIC	CHRISTENSEN, BOYD E.	01-01	TO 12-31	0.00	0.00	0.00	0.00	0.00
A35-12694	DOMESTIC	CHRISTENSEN, BOYD E.	01-01	TO 12-31	0.00	0.00	0.00	0.00	0.00
A35-12694	GROUNDWATER	CHRISTENSEN, BOYD E.	01-01	TO 12-31	0.00	0.00	0.00	0.00	0.00

D.

RATE/VOLUME CALCULATIONS: (REGULATION)

13. IRRIGATION RATE

$\times 0.02 \text{ CFS/ACRE} =$ CFS
(Taken from 9/11 meeting)

14. CALCULATIONS

DONOR AMOUNT CLAIMED EXCEED 0.02 CFS/ACRE? Y() N()

*** IF YES ADDITIONAL WATER USE FROM FIELD AND ATTACHED? Y() N() ***

2. IRRIGATION CONSUMPTIVE USE

CLAIMED CONSUMPTIVE USE = A2/A

ACRES $\times$ CONSUMPTIVE VOL. A1/A FOR ARLA =

TOTAL CONSUMPTIVE USE A2/A

3. IRRIGATION DIVERSION VOLUME

CLAIMED 0 OVERSICION VOLUME = A2/A

ACRES $\times$ DIVERSION VOL. A1/A FOR ARLA =

TOTAL OVERSICION VOLUME A2/A

4. CALCULATIONS FOR USES OTHER THAN IRRIGATION:

SEE ATTACHED SHEET? Y() N()

NOTES: (Include instructions on CONSUMPTIVE USE for combined rights.)

Diversion Volume:

Stockwater: Div

Consumptive Use: Stock: Div

Domestic: Div

Domestic: Div

Commercial: 4.9 AFA

Commercial: 1.20 GAF

RECOMMENDATIONS:

REC. PURPOSES	REC. PERIOD FROM TO	REC. DIV RATE PER EXAMINER	REC. DIV VOL. AS/TO EXAMINER	REC. CONF. USE EXAMINER
~~Domestic~~ <u>Domestic</u>	1/1 12/31	0.06	—	—
<u>Domestic</u>	1/1 12/31	0.06	4.9	1.20
<u>Commercial</u>	1/1 12/31	0.06	4.9	1.20
TOTAL FOR THIS RISKY				

REVIEWED BY: BB

DATE: 10-13-93

A. CHECK ONLY THE FOLLOWING THAT APPLY:

OWNERSHIP
FOREIGN/AMERICAN
ADDITIONAL DIV. APPOINT
AS CLAIMED
REVIEW
()
()
()

B. SPLIT WATER RIGHT REVIEW

ROOT WATER RIGHT NUMBER: 35-13002
TOTAL DIVERSION RATE OF WR SPLITS
SPLITS:

DATABASE

EXAMINER

DYS

OLD RIGHT
NUMBERS

CURRENT
CLAIM NUMBERS

DIVERSION
RATE

CURRENT "K"
CLAIM NUM.

"K" DIV.
RATE

WR RIGHT
NUMBERS

DIVERSION
RATE

-

655-13002

0.200

-

TOTAL DYS

0.200

DIVERSION RATE REVIEW

DO THE SUM DYS RATE OF THE SPLITS EQUAL THE ROOT RIGHT DYS RATE? (Y/N)
IF NO, IS THE WRITER REVIEW SHEET ATTACHED? (Y/N)

DATABASE

FIELD
EXAMINER

NOTES:

Beneficial Use Right

AUTHORITY CATION:

SIGNATURE:

NAME OF FIELD EXAMINER:

DATE:

TITLE:

10-13-93

SWA

STATE OF OHIO
DEPARTMENT OF WATER RESOURCES
ADJUDICATION CLAIM VERIFICATION REPORT

09:27:26
06/28/93
11
CLAIM NUMBER: 035-13002

WR ELEMENT	FIELD EXAM Y/N	CORRESPONDENCE SENT/RECEIVED BY WHOM/DATE	FIELD EXAM BY WHOM/DATE	CLAIM Y/N	USE OF C&D BY CODE	COMPLETED REVIEW WHOM/DATE	COMPLETED DATA ENTRY WHOM/DATE	USE OF C&D DATE WHOM/DATE
PRIORITY DATE	Y			N	6	8/10-13-93	8/10-13-93	8/11-2-93
POINT OF INFO	Y			Y	5,2			
SOURCE	Y			N	5			
PLACE OF INFO	Y			Y	5,2			
DTG: AMOUNT CES/VOLUME	Y			Y	5			
CONSUMPTION: USR	-							
PURPOSES	Y			N	5			
PERIOD OF INFO	Y			N	6			
BASIS OF CLAIM	Y			N	6			
REMARKS								

*USE OF C&D BY CODES

TOTAL MAT/DITCH-10 = 1
ADDS MAP = 2
WATERMETER READING = 3
NAEP PHOTOS = 4
FIELD EXAM = 5
OTHER (SEE REMARKS) = 6

THES: COMES ARE USED TO INDICATE HOW THE FIELD EXAMINER OBTAINED THE INFORMATION
USING FOR THIS FIELD INFORMATION. INDICATED ARE ALL CODES WHICH APPLY.