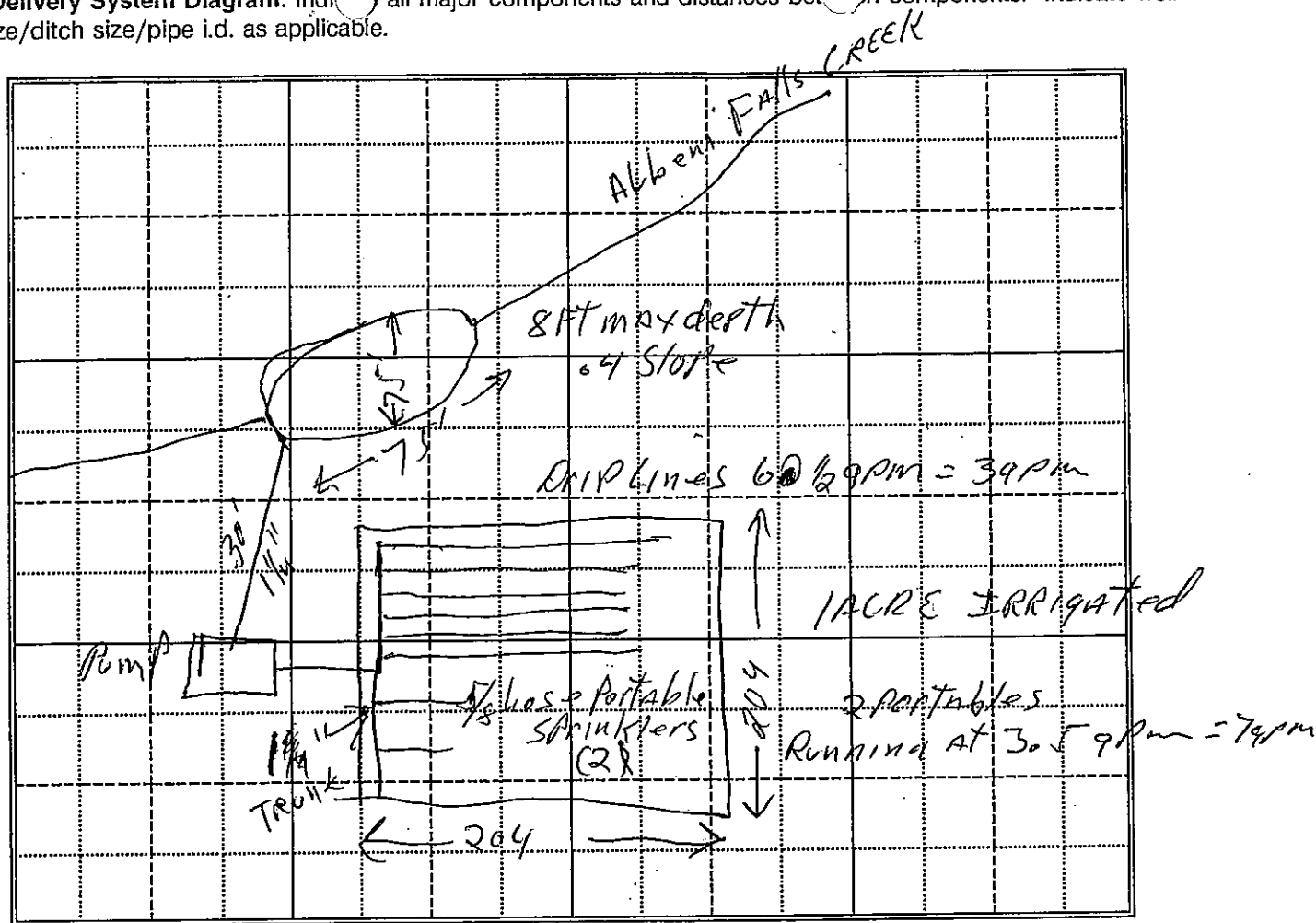


[illegible]

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
	GRUNDLOS	.75	5KC33mh2632AK	GRUNDLOS	1"

*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: _____

E. NARRATIVE/REMARKS/COMMENTS

Original plan was to Irr. 10 acres, but
not enough water available during Irr.
season. Only 1 acre is being Irr.

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

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

Manufactures specs on drip lines 60 $\frac{1}{2}$ gpm = 3 gpm
Portable sprinkler 5 gal bucket

(ea) 5 gal in 86 sec = 3048 = 305 gpm ea.

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1 \times 3 = 3$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = .02 \times 245 \times 1.9835 = 9.7$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3$$

2. Volume Calculations for Other Uses:

75' STORAGE
75'
8 FT MAX depth
.4 slope

$$\frac{75 \times 75 \times 8 \times .4}{43560} = .4 \text{ AF}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	03-15	11-15	.02	3
Irrigation Stor	03-15	11-15		.4 AF
Irrigator from Stor	03-15	11-15		3
Totals:			.02	3.4

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 Baldwin Date 9-29-08

Reviewer Eric J. Davis Date 5-27-09

SEAL



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IMG_1103.JPG



IMG_1105.JPG



IMG_1107.JPG



place of use1.JPG



place of use.JPG



point of diversion.JPG



pump.JPG

