

[illegible]

Method of Determination:

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 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 Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

<u>Measurement 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:

Dam safety exam

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:

Dam safety report show 800 AF/A storage.

G. NARRATIVE/REMARKS/COMMENTS

dam safety report shows a 800 acre foot storage reservoir present
on stream storage, used for year round recreation.
current owner miller family real estate llc c/o larry miller mgmt co
9350 s 150 e
suite 1000
SLC, Ut 84070 801-563-4100

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>
RECREATION STORAGE	01/01 to 12/31		600.00 AF
<u>Totals:</u>			600.00 AF

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 DAVE CARLSON Date 9/6/2005

Reviewer _____ Date _____

*change to Recreation storage - on stream
year round storage.*

DAM SUMMARY INVENTORY SHEET

CURRENT CREEK

Printed: Apr 01, 2002

Updated: Apr 01, 2002

13 - 7127

STATUS	A	
BASIN	13	
DAM NUMBER	7127	
FEDERAL ID NUMBER	ID00345	
DAM NAME	CURRENT CREEK	
COUNTY	BANNOCK	
STREAM	CURRENT CREEK	
REGION	E	
PURPOSE	IR	
RISK CATEGORY	2	
SIZE CATEGORY	1	
Q_Q_SECTION	SESW	
SECTION	33	
TOWNSHIP	12S	
RANGE	39E	
LATITUDE DEC	42.3312	
LONGITUDE DEC	111.9071	
DAM TYPE	EARTH	
STORAGE CAPACITY	800	AcFT
HEIGHT	43	Ft
DRAINAGE AREA	2.8	SqMi
RESERVOIR AREA	35	Ac
YEAR COMPLETED	1978	
CREST ELEVATION	5640	Msl
CREST LENGTH	320	Ft
SPILLWAY TYPE	RKCHAN	
SPILLWAY DEPTH	6	Ft
SPILLWAY CAPACITY	480	Cfs
SPILLWAY CONDITION		
SPILLWAY GATE COND		
OUTLET TYPE	STEEL	
OUTLET SIZE	18	In
OUTLET CAPACITY	36	Cfs

OUTLET CONDITION		
OUTLET GATE CONDITION		
OUTLET VIDEO		
OUTLET INSP INTERVAL		
IDF	0.5 PMF	
IDF MAGNITUDE	1543	Cfs
RELEASE CAPACITY	516	Cfs
OVERALL COND	GD	
MAINTENANCE	ROUTINE	
INSPECTION DATE	10/25/2001	Mo/Yr
CERT ISSUE DATE	3/22/2002	Mo/dd/yr
CERT EXP DATE	1103	Mo/dd/yr
SURVEY DATE	8/24/2001	Mo/dd/yr
CALL UP DATE		Mo/dd/yr
INSP INTERVAL	2	Yr
PHASE 1 INSP DATE		
OPERATION PLAN	A	
STATIC STABILITY		
SEISMIC STABILITY	N	
RESTRICTED	Y	
BOND	NA	
JOINT INSPECTION		
QUAD NUMBER	CC93	
QUAD NAME	SWAN LAKE	
DAM OWNER	LAWRENCE AND KAREN MILLER	
ADDRESS-1	C/O CLAIR D BOSEN	
ADDRESS-2	P O BOX 468	
CITY	PRESTON	
STATE	ID	
ZIP CODE	83263	
ZIP SUFFIX		
PHONE	8521858	
AREA CODE	208	

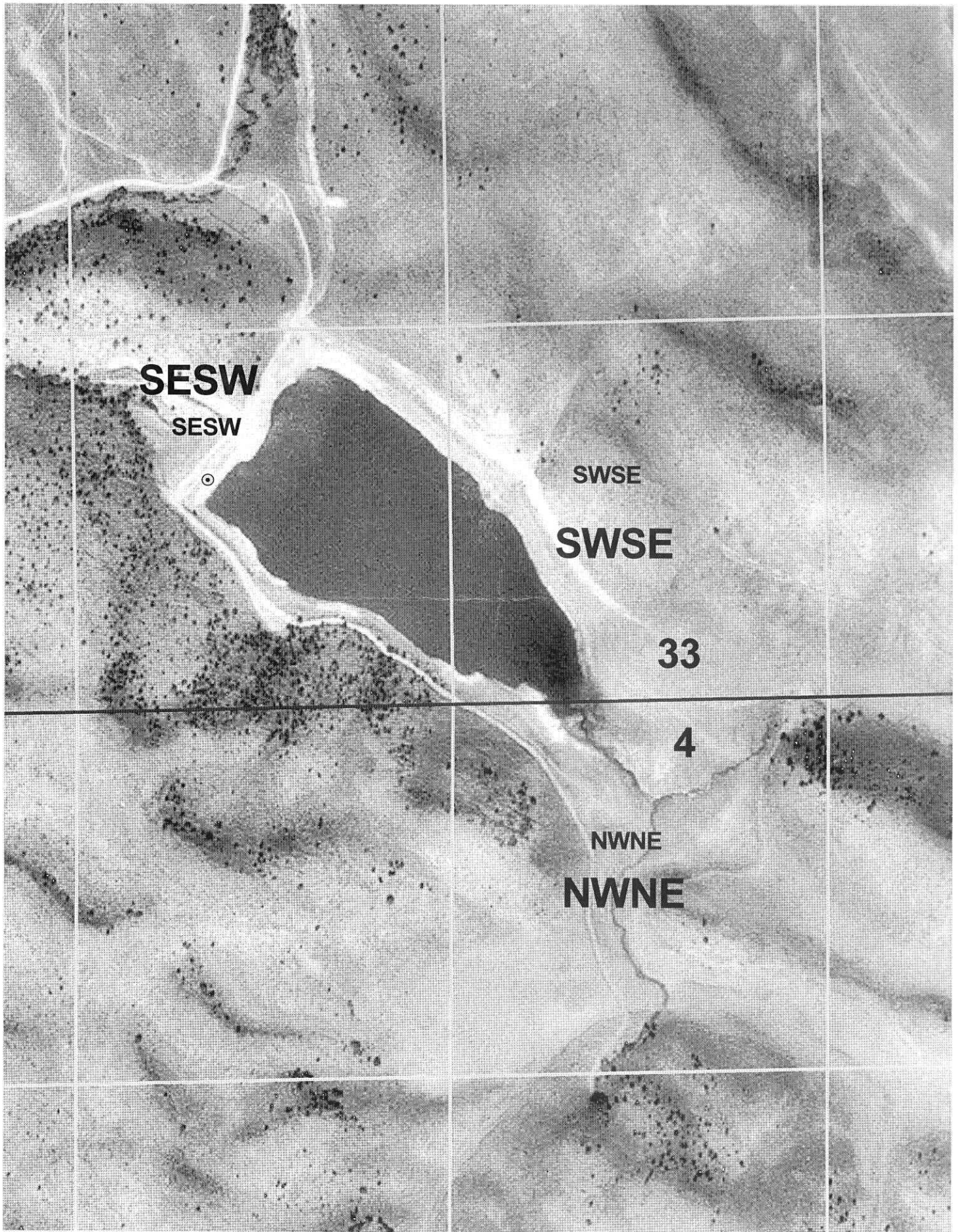
GEN_REMARK WATER IS ALSO DIVERTED INTO RESERVOIR FROM STOCKTON CREEK THROUGH A 4'D X 3.7'W CONCRETE LINED DITCH. 8 INCH WATERLINE WAS INSTALLED ACROSS TOP OF DAM AND THROUGH SPILLWAY DURING SUMMER 2001.

TEC_REMARK SPILLWAY & RELEASE CAP ARE WITH 3.3' FB. SPILLWAY WILL PASS Q100 = 130 CFS WITH 4.3' FB. WITH FLOOD ROUTING, SPILLWAY WILL PASS .5 PMF WITH 0.4' FB.

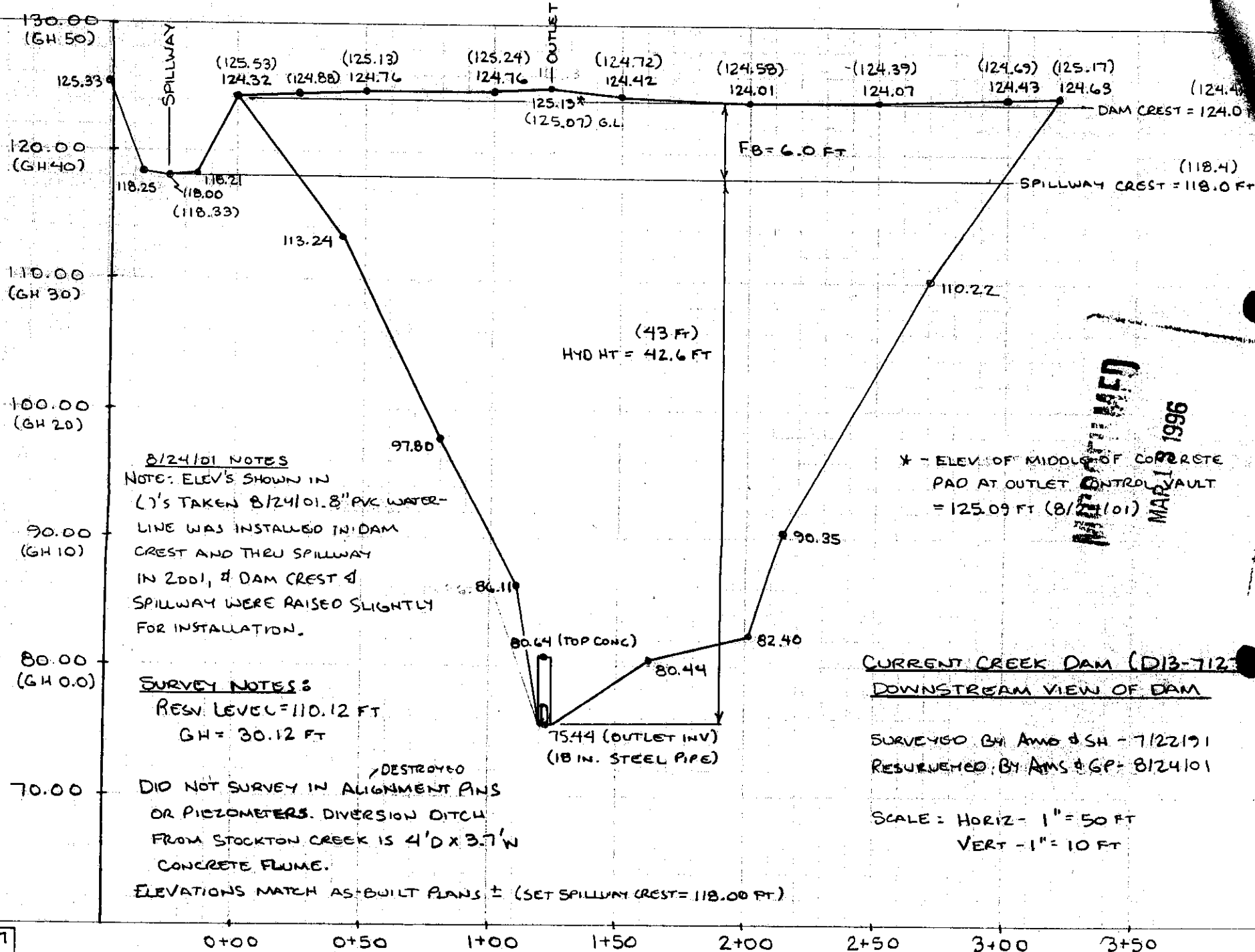
RESTRICT THE DAM AND RESERVOIR SHALL BE OPERATED IN ACCORDANCE WITH THE APPROVED OPERATION PLAN.

ALT_CONT MR. MILLER'S ADDRESS IS 5800 S STATE, MURRAY, UT 84107. MR. BOSEN IS DAM OPERATOR, BUSINESS PHONE = 852-1612. ALTERNATE CONTACT IS DAVID BOSEN, PHONE 852-1726.

BOND_SUM



B.M. = 128.25 Ft (G.H. 48.25 Ft). SET PK NAIL IN ROCK OUTCROP ON EDGE OF SPILLWAY ON RIGHT ABUTMENT OF DAM, ± 22' DOWNSTREAM OF DAM &.



E1



Crest from left side.



Outlet control man hole.



Outlet pipe.



Trees and brush by outlet.