

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 24-7162

Exam Date: 1/7/2013

1. Current Owner: DE ANN CLARK BROWN and
DAVID MICHAEL BROWN and
MICHELLE BROWN PLATT and
CHRIS AUSTIN BORWN and
STEVEN BRUCE BROWN
10158 CORNERSTONE DR
SOUTH JORDAN UT 84095
(208) 232-5342

2. Accompanied by: N/A

3. **SOURCE**

UNNAMED STREAM

TRIBUTARY

CROW 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 SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

UNNAMED STREAM	SW1/4NW1/4	Sec. 35,	Twp 10S,	Rge 45E, B.M.
CARIBOU County				
UNNAMED STREAM	SW1/4NW1/4	Sec. 35,	Twp 10S,	Rge 45E, B.M.
CARIBOU County				
UNNAMED STREAM	NW1/4SW1/4	Sec. 35,	Twp 10S,	Rge 45E, B.M.
CARIBOU County				

Method of Determination: Aerial photography, Dam Safety Reports

2. **PLACE OF USE:** FISH PROPAGATION STORAGE AND RECREATION STORAGE

Tw	Rge	Sec	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	Totals
10S	45E	35							X				X						

Method of Determination: Aerial photography

3. ☒ 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

D. FLOW MEASUREMENTS

License does not include a rate of flow.

E. VOLUME CALCULATIONS

Pond volumes taken from Dam Safety Inspection Reports.

Clark Upper Pond = 7.0 acre-feet
 Clark Middle Pond = 10.0 acre-feet
 Clark Lower Pond = 20.0 acre-feet

F. NARRATIVE/REMARKS/COMMENTS

Field exams conducted on a regular basis by the Dam Safety program. Inspection reports are sufficient to determine the extent of beneficial use developed under Permit 24-7162. Capacity of the three ponds exceeds the 30.0 acre-feet authorized in the permit. License should be limited to 30.0 acre-feet. Aerial photography shows that ponds are not able to fill to capacity every year. The Clark Lower Pond was claimed in the SRBA (24-4073) but was decreed as disallowed. Clark Middle Pond (statutory claim 24-4072) was not claimed in the SRBA. All three ponds existed at the time proof of beneficial use was submitted for 24-7162. Water is used for recreation and fish propagation. Amendment needed to cover the three ponds developed. Water District 01 advised that lockable device is not needed on these ponds for adequate regulation.

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

G. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
FISH PROPAGATION STORAGE	01/01 to 12/31		30.00 AF
RECREATION STORAGE	01/01 to 12/31		30.00 AF
<u>Totals:</u>			30.00 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

H. AUTHENTICATION

Field Examiner's Name Dave Carlson Date Jan 7, 2013

Reviewer _____ Date _____



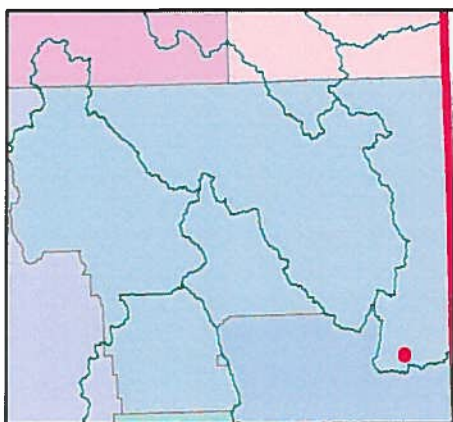
Idaho Department of Water Resources

Water Right

24-7162

(FISH PROPAGATION STORAGE)

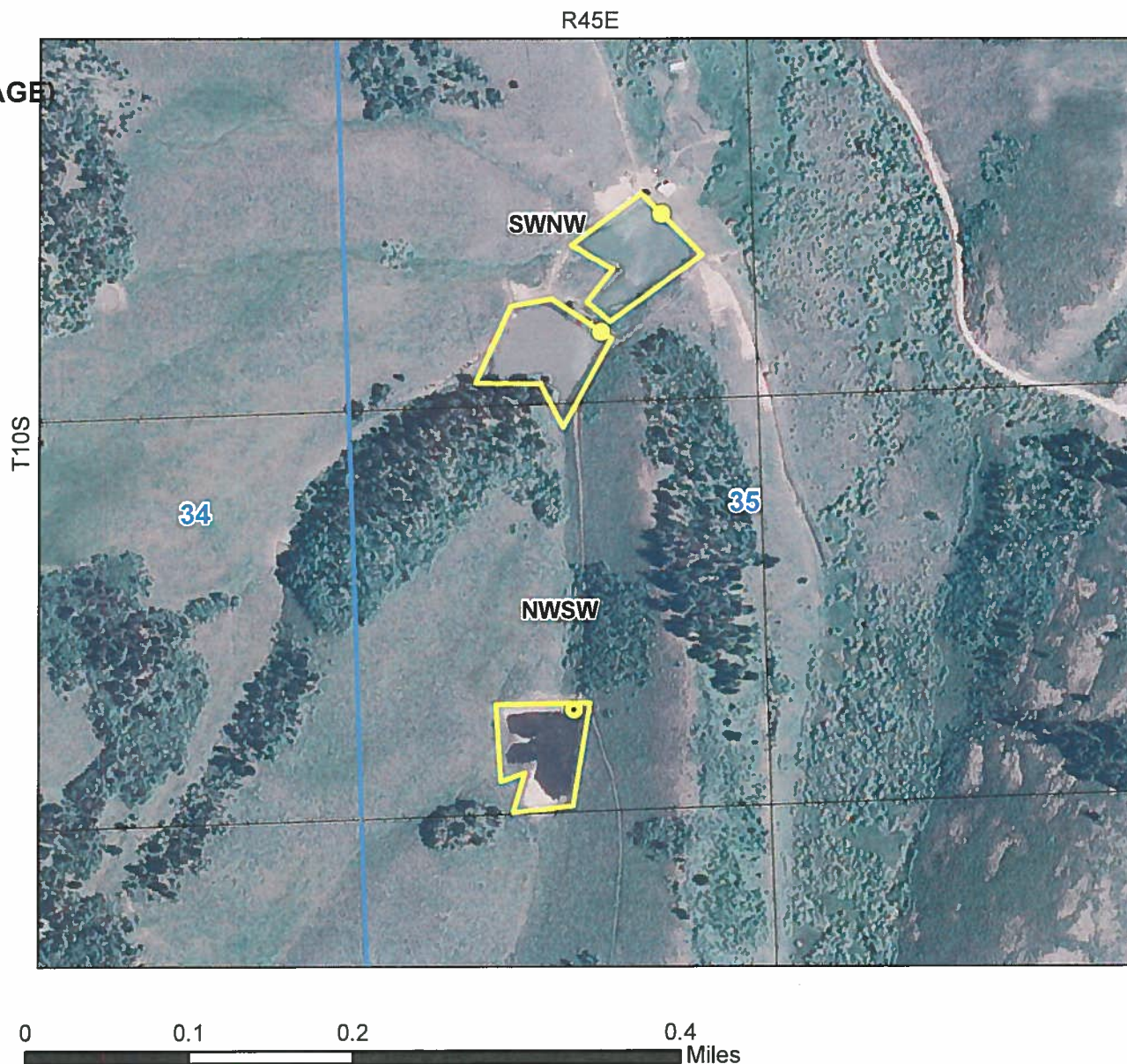
-  Point of Diversion
-  Place of Use
-  State Outline
-  Townships
-  PLS Sections
-  Quarter Quarters

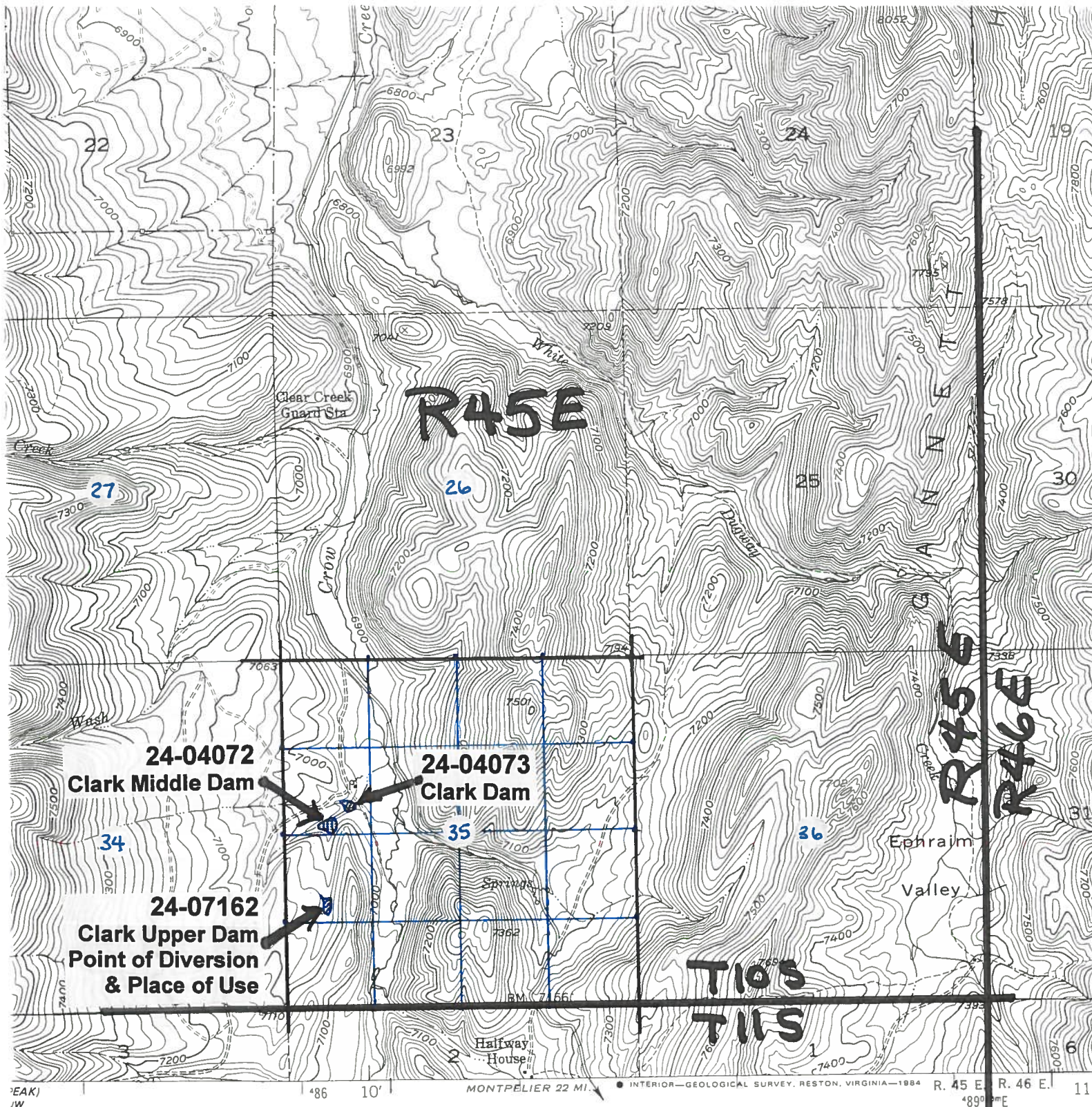


Caribou County
IDWR Basin 24

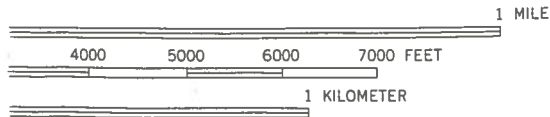
Prepared by Carlson, Dave

2009 Aerial Photography





24 000



VAL 20 FEET
TICAL DATUM OF 1929

L MAP ACCURACY STANDARDS
OLORADO 80225, OR RESTON, VIRGINIA 22092
ID SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial
photographs taken 1980 and other data. This

ROAD CLASSIFICATION
1963

Light-duty Unimproved dirt =====

24-07162

SNOWDRIFT MOUNTAIN, IDAHO

SW/4 CROW CREEK 15' QUADRANGLE
N4230—W11107.5/7.5

1949
PHOTOREVISED 1984

MEMORANDUM

Date: January 07, 2013
To: Water Right File 24-7162
From: dcarlson
Re: Lockable Device

Permit included a condition requiring a lockable device be installed on all points of diversion. I contacted the watermaster for Water District 01 about the permit condition. At this time Water District 01 does not see any value in installing lockable devices. Onstream ponds cannot really be regulated by a lockable device. Locking the outlet structure closed would capture more water. Locking the outlet structure open would drain the reservoir, releasing water that was captured when the water right was in priority.

DAM SUMMARY SHEET

December 19, 1995

CLARK MIDDLE

24 - 4072

INVENTORY	A		CONDITION	GD	
BASIN	24		MAINTENANCE		
DAM NUMBER	4072		INSPECTION DATE	0895	MO/YR
FED ID NUMBER			CERTIFICATE EXP DATE	0000	MO/YR
DAM NAME	CLARK MIDDLE		LAST RISK EVALUATION	0895	MO/YR
COUNTY	CARIBOU		SURVEY DATE		MO/DD/YR
STREAM	TR-CROW CREEK		CALL UP DATE	4/ 1/00	MO/DD/YR
REGION	E		CERT ISSUE DATE		MO/DD/YR
PURPOSE	H		INSPECTION INTERVAL	5YR	
RISK CATEGORY	3		PHASE I INSP DATE		
SIZE CATEGORY	3		OPERATION PLAN	N	
Q-Q SECTION	SWNW		SEISMIC ANALYSIS	N	
SECTION	35		RESTRICTED		
TOWNSHIP	10S		JOINT INSPECTION		
RANGE	45E		QUAD NUMBER	BB99	
LATITUDE DEC	42.5108	ACFT	QUAD NAME	SNOWDRIFT MOUNTAIN	
LONGITUDE DEC	111.1686	FT			
DAM TYPE	EARTH	SQMI			
STORAGE CAPACITY	10.00	AC			
HEIGHT	17.50	MSL			
DRAINAGE AREA	0.70	FT			
RESERVOIR AREA	1.00	CFS			
YEAR COMPLETED	1960	IN	DAM OWNER	ROSS CLARK	
CREST ELEVATION	6,960.00	CFS	ADDRESS - 1		
CREST LENGTH	220.00	CFS	ADDRESS - 2	1516 S SANTA FE AVE	
SPILLWAY TYPE	ERCHAN		CITY	VISTA	
SPILLWAY DEPTH	1.40		STATE	CA	
SPILLWAY CAPACITY	0.00		ZIP CODE	92084	
OUTLET TYPE	SIPHON		ZIP SUFFIX		
OUTLET SIZE	3		PHONE	7262000	
OUTLET CAPACITY	1.00		AREA CODE	619	
IDF	Q50				
IDF MAGNITUDE	10.00				
RELEASE CAPACITY	1.00				

GENERAL REMARKS : DRAIN AREA = 420 ACRES. RESV AREA = 1.4 ACRES. RESV CAPACITY = 9.8 ACFT. SEE FILE 24-4073 IN ACTIVE FILE FOR ALTERNATE CONTACTS.

TECHNICAL REMARKS : SPILLWAY & RELEASE CAPACITIES ARE WITH 2.0' FB.

RESTRICTIONS :

ALTERNATE CONTACTS :

02/13/95

ALTERNATE CONTACTS :



Downstream slope.



Upstream slope.

DAM SUMMARY SHEET

December 19, 1995

CLARK

24 - 4073

INVENTORY	A		CONDITION	GD	
BASIN	24		MAINTENANCE	ROUTINE	
DAM NUMBER	4073		INSPECTION DATE	0895	MO/YR
FED ID NUMBER			CERTIFICATE EXP DATE	1100	MO/YR
DAM NAME	CLARK		LAST RISK EVALUATION	0789	MO/YR
COUNTY	CARIBOU		SURVEY DATE	8/25/93	MO/DD/YR
STREAM	TR-CROW CREEK		CALL UP DATE		MO/DD/YR
REGION	E		CERT ISSUE DATE	12/14/95	MO/DD/YR
PURPOSE	H		INSPECTION INTERVAL	2YR	
RISK CATEGORY	3		PHASE I INSP DATE		
SIZE CATEGORY	3		OPERATION PLAN	N	
Q-Q SECTION	SWNW		SEISMIC ANALYSIS	N	
SECTION	35		RESTRICTED	Y	
TOWNSHIP	10S		JOINT INSPECTION		
RANGE	45E		QUAD NUMBER	BB99	
LATITUDE DEC	42.5109		QUAD NAME	SNOWDRIFT MTN	
LONGITUDE DEC	111.1684				
DAM TYPE	EARTH				
STORAGE CAPACITY	20.00	ACFT			
HEIGHT	19.00	FT			
DRAINAGE AREA	0.90	SQMI			
RESERVOIR AREA	2.00	AC			
YEAR COMPLETED	1983				
CREST ELEVATION	6,940.00	MSL			
CREST LENGTH	250.00	FT			
SPILLWAY TYPE	RKCHAN		DAM OWNER	ROSS CLARK	
SPILLWAY DEPTH	2.50	FT	ADDRESS - 1		
SPILLWAY CAPACITY	10.00	CFS	ADDRESS - 2	1516 S SANTA FE AVE	
OUTLET TYPE	SIPHON		CITY	VISTA	
OUTLET SIZE	4	IN	STATE	CA	
OUTLET CAPACITY	1.00	CFS	ZIP CODE	92084	
IDF	Q50		ZIP SUFFIX		
IDF MAGNITUDE	14.00	CFS	PHONE	7262000	
RELEASE CAPACITY	11.00	CFS	AREA CODE	619	

GENERAL REMARKS : EARTH FUSEPLUG HAS BEEN PLACED IN SPILLWAY CHANNEL WHICH REDUCES FB TO APPROX 1.7.

TECHNICAL REMARKS : SPILLWAY HAS CONCRETE CREST FOR FLASHBOARDS. SPILLWAY & RELEASE CAPACITY ARE WITH 2.0' FREEBOARD.

RESTRICTIONS : NO FLASHBOARDS SHALL BE INSTALLED IN THE SPILLWAY AT ANY TIME. A MINIMUM OF 2.5' OF FB SHALL BE MAINTAINED ON THE EMBANKMENT AT ALL TIMES.

ALTERNATE CONTACTS : MR CLARK'S MOBILE PHONE = 307-886-9372 (BEEP) 9149. GERALD CLARK (BROTHER) ADDRESS = 427 N ARTHUR, POCATELLO, ID 83201, PHONE = 232-5342.

DAM SUMMARY SHEET
Page No.113
02/13/95

BASIN -----> : 24
DAM NUMBER -----> : 4073
FED_ID_NO -----> :
DAM NAME -----> : CLARK
COUNTY -----> : CARIBOU
STREAM -----> : TR-CROW CREEK
REGION -----> : E
PURPOSE -----> : H
RISK CATEGORY ----> : 3
SIZE CATEGORY ----> : 3
Q-Q SECTION -----> : SWNW
SECTION -----> : 35
TOWNSHIP -----> : 10S
RANGE -----> : 45E
LATITUDE DEC -----> : 42.5109
LONGITUDE DEC -----> : 111.1684
DAM TYPE -----> : EARTH
STORAGE CAPACITY --> : 20 ACFT
HEIGHT -----> : 19.0 FT
DRAINAGE AREA -----> : 0.9 SQMI
RESERVOIR AREA ----> : 2 AC
YEAR COMPLETED ----> : 1983
CREST ELEVATION --> : 6940 MSL
CREST LENGTH -----> : 250 FT
SPILLWAY TYPE -----> : RKCHAN
SPILLWAY DEPTH ----> : 2.5 FT
SPILLWAY CAPACITY > : 10 CFS
OUTLET TYPE -----> : SIPHON
OUTLET SIZE -----> : 4 IN
OUTLET CAPACITY --> : 1 CFS
IDF -----> : Q50
IDF MAGNITUDE ----> : 14 CFS
RELEASE CAPACITY--> : 11 CFS

CONDITION -----> : GD
MAINTENANCE -----> : ROUTINE
INSPECTION DATE --> : 0893 MO/YR
CERTIFICATE EXP --> : 1194 MO/YR
LAST RISK EVAL ----> : 0789 MO/YR
SURVEY DATE -----> : 08/25/93
CALL UP DATE -----> : / /
CERT ISSUE DATE --> : 10/30/92
INSPECT INTERVAL --> : 2YR
PHASE 1 INSP DATE > : / /
OPERATION PLAN ----> : N
SEISMIC ANALYSIS--> : N
RESTRICTED -----> : Y
JOINT INSPECTION --> :
QUAD NUMBER -----> : B899
QUAD NAME -----> : SNOWDRIFT MTN

DAM OWNER -----> : ROSS CLARK
ADDRESS-1 -----> :
ADDRESS-2 -----> : 1516 S SANTA FE AVE
CITY -----> : VISTA
STATE -----> : CA
ZIP CODE -----> : 92084
ZIP SUFFIX -----> :
PHONE -----> : 7262000
AREA CODE -----> : 619

GENERAL REMARKS : EARTH FUSEPLUG HAS BEEN PLACED IN SPILLWAY CHANNEL WHICH REDUCES FB TO APPROX 1.7'.

TECHNICAL REMARKS : SPILLWAY HAS CONCRETE CREST FOR FLASHBOARDS. SPILLWAY & RELEASE CAPACITY ARE WITH 2.0' FREEBOARD.

RESTRICTIONS : FLASHBOARDS SHALL BE REMOVED FROM THE SPILLWAY ON OR BEFORE NOVEMBER 1ST AND NOT RE-INSTALLED UNTIL AFTER SPRING RUNOFF HAS PASSED THE FOLLOWING YEAR. A MINIMUM OF 2.5' OF FB SHALL BE MAINTAINED ON THE EMBANKMENT AT ALL TIMES.

ALTERNATE CONTACTS : MR CLARK'S MOBILE PHONE = 307-886-9372 (BEEP) 9149. GERALD CLARK (BROTHER) ADDRESS = 427 N ARTHUR, POCATELLO, ID 83201, PHONE = 232-5342.

DAM SUMMARY SHEET

December 19, 1995

CLARK UPPER

24 - 7162

INVENTORY	A		CONDITION	FR	
BASIN	24		MAINTENANCE		
DAM NUMBER	7162		INSPECTION DATE	0895	MO/YR
FED ID NUMBER			CERTIFICATE EXP DATE	0000	MO/YR
DAM NAME	CLARK UPPER		LAST RISK EVALUATION	0895	MO/YR
COUNTY	CARIBOU		SURVEY DATE		MO/DD/YR
STREAM	TR-CROW CREEK		CALL UP DATE	4/ 1/00	MO/DD/YR
REGION	E		CERT ISSUE DATE		MO/DD/YR
PURPOSE	H		INSPECTION INTERVAL	5YR	
RISK CATEGORY	3		PHASE 1 INSP DATE		
SIZE CATEGORY	3		OPERATION PLAN	N	
Q-Q SECTION	NWSW		SEISMIC ANALYSIS	N	
SECTION	35		RESTRICTED		
TOWNSHIP	10S		JOINT INSPECTION		
RANGE	45E		QUAD NUMBER	BB99	
LATITUDE DEC	42.5078		QUAD NAME	SNOWDRIFT MOUNTAIN	
LONGITUDE DEC	111.1690				
DAM TYPE	EARTH				
STORAGE CAPACITY	7.00	ACFT			
HEIGHT	15.00	FT			
DRAINAGE AREA	0.10	SQMI			
RESERVOIR AREA	1.00	AC			
YEAR COMPLETED	1990				
CREST ELEVATION	7,040.00	MSL			
CREST LENGTH	275.00	FT			
SPILLWAY TYPE	ERCHAN		DAM OWNER	ROSS CLARK	
SPILLWAY DEPTH	1.30	FT	ADDRESS - 1		
SPILLWAY CAPACITY	0.00	CFS	ADDRESS - 2	1516 S SANTA FE AVE	
OUTLET TYPE	SIPHON		CITY	VISTA	
OUTLET SIZE	3	IN	STATE	CA	
OUTLET CAPACITY	1.00	CFS	ZIP CODE	92084	
IDF	Q50		ZIP SUFFIX		
IDF MAGNITUDE	3.00	CFS	PHONE	7262000	
RELEASE CAPACITY	1.00	CFS	AREA CODE	619	

GENERAL REMARKS : DRAIN AREA = 90 ACRES. RESV AREA = 1.2 ACRES. RESV CAPACITY = 7.2 ACFT. SEE FILE 24-4073 IN ACTIVE FILE FOR ALTERNATE CONTACTS.

TECHNICAL REMARKS : SPILLWAY & RELEASE CAPACITIES ARE WITH 2.0' FB.

RESTRICTIONS :

ALTERNATE CONTACTS :

Dam Summary Sheet

Page 1 of 2.

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DAM SUMMARY SHEET
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02/13/95

BASIN -----> : 24
DAM NUMBER -----> : 7162
FED_ID_NO -----> :
DAM NAME -----> : CLARK UPPER
COUNTY -----> : CARIBOU
STREAM -----> : TR-CROW CREEK
REGION -----> : E
PURPOSE -----> : H
RISK CATEGORY -----> : 3
SIZE CATEGORY -----> : 3
Q-Q SECTION -----> : NWSW
SECTION -----> : 35
TOWNSHIP -----> : 10S
RANGE -----> : 45E
LATITUDE DEC -----> : 42.5078
LONGITUDE DEC -----> : 111.1690
DAM TYPE -----> : EARTH
STORAGE CAPACITY --> : 7 ACFT
HEIGHT -----> : 15.0 FT
DRAINAGE AREA -----> : 0.1 SQMI
RESERVOIR AREA -----> : 1 AC
YEAR COMPLETED -----> : 1990
CREST ELEVATION --> : 7040 MSL
CREST LENGTH -----> : 275 FT
SPILLWAY TYPE -----> : ERCHAN
SPILLWAY DEPTH -----> : 1.3 FT
SPILLWAY CAPACITY --> : 0 CFS
OUTLET TYPE -----> : SIPHON
OUTLET SIZE -----> : 3 IN
OUTLET CAPACITY --> : 1 CFS
IDF -----> : Q50
IDF MAGNITUDE -----> : 3 CFS
RELEASE CAPACITY--> : 1 CFS

CONDITION -----> : FR
MAINTENANCE -----> :
INSPECTION DATE --> : 0893 MO/YR
CERTIFICATE EXP --> : 0000 MO/YR
LAST RISK EVAL --> : 0893 MO/YR
SURVEY DATE -----> : / /
CALL UP DATE -----> : 04/01/98
CERT ISSUE DATE --> : / /
INSPECT INTERVAL --> : 5YR
PHASE 1 INSP DATE --> : / /
OPERATION PLAN -----> : N
SEISMIC ANALYSIS--> : N
RESTRICTED -----> :
JOINT INSPECTION --> :
QUAD NUMBER -----> : BB99
QUAD NAME -----> : SNOWDRIFT MOUNTAIN

DAM OWNER -----> : ROSS CLARK
ADDRESS-1 -----> :
ADDRESS-2 -----> : 1516 S SANTA FE AVE
CITY -----> : VISTA
STATE -----> : CA
ZIP CODE -----> : 92084
ZIP SUFFIX -----> :
PHONE -----> : 7262000
AREA CODE -----> : 619

GENERAL REMARKS : DRAIN AREA = 90 ACRES. RESV AREA = 1.2 ACRES. RESV CAPACITY = 7.2 ACFT. SEE FILE
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RESTRICTIONS :

ALTERNATE CONTACTS :

Dam Summary Sheet
Page 2 of 2.

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