

DAM SUMMARY SHEET

March 5, 1996

PORTNEUF
29 - 2065

INVENTORY _____ AF
BASIN _____ 29
DAM NUMBER _____ 2065
FED ID NUMBER _____ ID00180
DAM NAME _____ PORTNEUF
COUNTY _____ CARIBOU
STREAM _____ PORTNEUF RIVER
REGION _____ E
PURPOSE _____ L
RISK CATEGORY _____ 1
SIZE CATEGORY _____ 1
Q-Q SECTION _____ SWSW
SECTION _____ 19
TOWNSHIP _____ 06S
RANGE _____ 39E
LATITUDE DEC _____ 42.8778
LONGITUDE DEC _____ 111.9424
DAM TYPE _____ EARTH
STORAGE CAPACITY _____ 23,695.00 ACFT
HEIGHT _____ 47.00 FT
DRAINAGE AREA _____ 97.00 SQMI
RESERVOIR AREA _____ 1,593.00 AC
YEAR COMPLETED _____ 1912
CREST ELEVATION _____ 5,406.00 MSL
CREST LENGTH _____ 1,750.00 FT
SPILLWAY TYPE _____ CNCHAN
SPILLWAY DEPTH _____ 7.70 FT
SPILLWAY CAPACITY _____ 462.00 CFS
OUTLET TYPE _____ MPENCN
OUTLET SIZE _____ 48 IN
OUTLET CAPACITY _____ 350.00 CFS
IDF _____ PMF
IDF MAGNITUDE _____ 18,930.00 CFS
RELEASE CAPACITY _____ 812.00 CFS

CONDITION _____ FR
MAINTENANCE _____ ROUTINE
INSPECTION DATE _____ 1195 MO/YR
CERTIFICATE EXP DATE _____ 1197 MO/YR
LAST RISK EVALUATION _____ 0790 MO/YR
SURVEY DATE _____ 4/17/91 MO/DD/YR
CALL UP DATE _____ MO/DD/YR
CERT ISSUE DATE _____ 2/29/96 MO/DD/YR
INSPECTION INTERVAL _____ 2YR
PHASE 1 INSP DATE _____ 8/ 7/79
OPERATION PLAN _____ A
SEISMIC ANALYSIS _____ Y
RESTRICTED _____ Y
JOINT INSPECTION _____
QUAD NUMBER _____ AA43
QUAD NAME _____ CHESTERFIELD RES

DAM OWNER _____ PORTNEUF-MARSH VALLEY CANAL CO
ADDRESS - 1 _____ C/O ERVIN GILBERT, CHAIRMAN
ADDRESS - 2 _____ 17535 S OLD HWY 91
CITY _____ DOWNEY
STATE _____ ID
ZIP CODE _____ 83234
ZIP SUFFIX _____
PHONE _____ 8975798
AREA CODE _____ 208

GENERAL REMARKS : PART OF DAM LOCATED IN SESE, SEC 25, T6S-R38E. DAM RAISED 6.6' IN 1949. ALSO KNOWN AS CHESTERFIELD DAM. NEW SPILLWAY INSTALLED IN 1990. FLOW ALSO DIVERTED INTO RESERVOIR FROM TOPONCE CREEK, DRAIN AREA = 43 SQMI.

TECHNICAL REMARKS : SPILLWAY AND RELEASE CAP ARE WITH 5.4' FREEBOARD. SPILLWAY WILL PASS 2840 CFS WITH 0.0' FREEBOARD. ROUTED PMF WILL OVERTOP DAM BY 0.9'.

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

ALTERNATE CONTACTS :

From Dam Safety Records