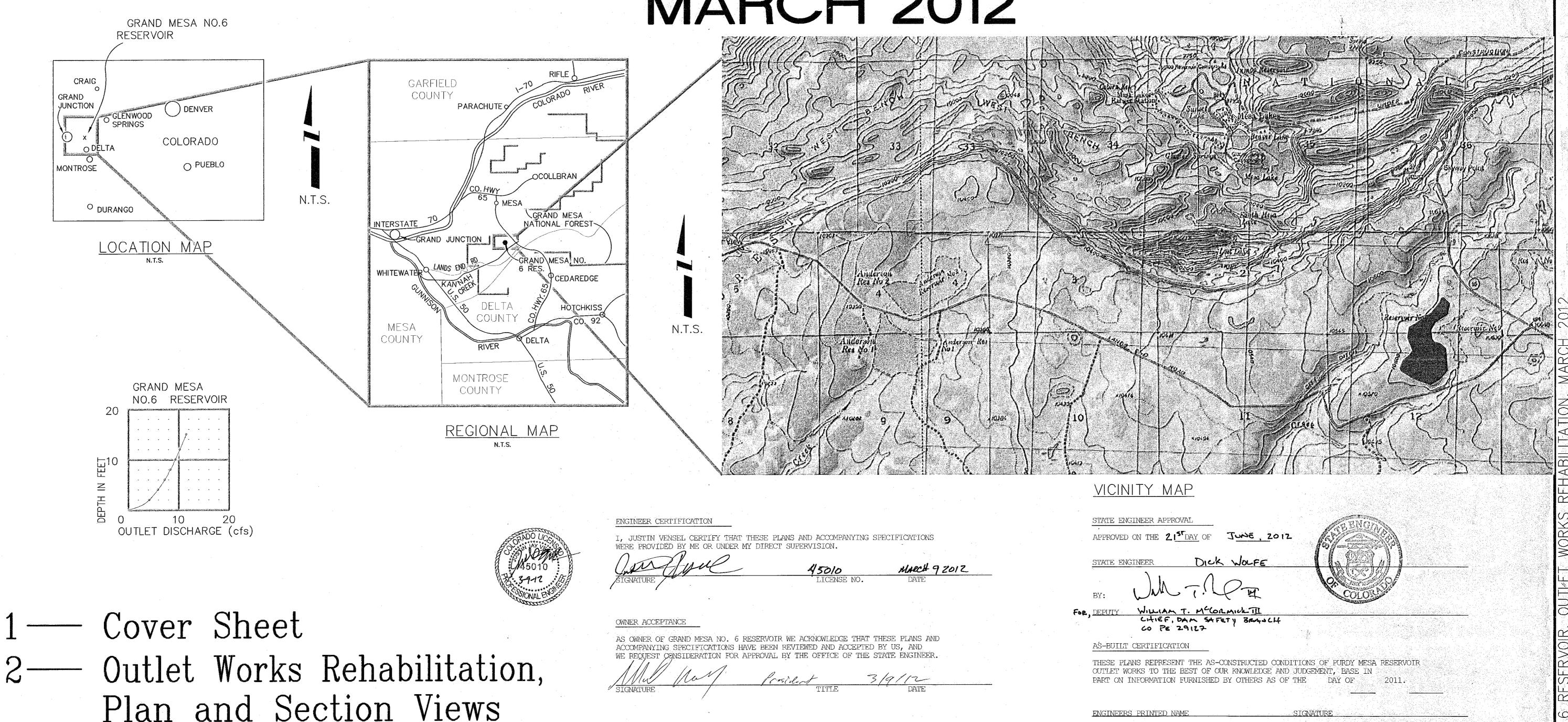
## GRAND MESA NO. 6 RESERVOIR OUTLET WORKS REHABILITATION MESA COUNTY, W. DIV. 4, DAMID: 420121 MARCH 2012



City of Grand Junction, Colorado C-1180A Department of Public Works & Utilities Engineering Division



PHOTO 1:
WORKERS PREPPING OUTER PORTION OF 2 PART LINER TO PULL
THROUGH HOST PIPE FROM THE RESERVOIR OR INLET STRUCTURE END
OF THE HOST PIPE.



PHOTO 3:
WORKER PREPPING INNER PORTION OF 2 PART LINER FROM OUTLET SIDE OF DAM TO BE PUSHED AND INVERTED BACK THROUGH THE OUTER PORTION WITH COMPRESSED AIR VIA A PIPE LINER AIR INVERSION TOOL. OUTER LINER PREVIOUSLY PULLED THROUGH THE HOST PIPE FROM THIS SIDE.



PHOTO 6:
STEAM IS ADDED TO COMPRESSED AIR FROM A CONNECTION ON THE
PIPE LINER AIR INVERSION TOOL (NOT SHOWN, BUT SHOWN IN PHOTO 5) TO
ACTIVATE THE CATALYST CURING THE RESIN THEREBY COMPLETING THE
CURED IN PIPE PROCESS FOR THE PROJECT



PHOTO 2:
OUTER PORTION OF 2 PART LINER BEING FED THROUGH HOST PIPE
FROM THE RESERVOIR OR INLET STRUCTURE END OF THE HOST PIPE
AND PULLED FROM THE OUTLET END OF THE PIPE (NOT SHOWN).



PHOTO 5:
END OF INNER PORTION OF 2 PART LINER APPROACHING PIPE LINER AIR
INVERSION TOOL AND PUSHED NEARLY ALL THE WAY BACK THROUGH THE
OUTER LINER AND HOST PIPE TOWARD THE RESERVOIR SIDE. PHOTO AT
THE OUTLET SIDE.



PHOTO 7:
FEBRUARY 16,
2013 - 2 PART
CALKING
BETWEEN THE
HOST PIPE AND
THE CURED IN
PLACE PIPE
REPLACED AT
THE THE
RESERVOIR OR
INLET
STRUCTURE END
OF THE HOST
PIPE.

DESCRIPTION

AS BUILT

DATE

DATE

DESIGNED BY JJV

DATE MARCH 2012

CHECKED BY JJV

DATE MARCH 2012

APPROVED BY

DATE JUNE 2011

SCALE:

APPROVED BY

DATE MARCH 2012

APPROVED BY

DATE MARCH 2012



Grand Junction

PUBLIC WORKS
AND UTILITIES
ENGINEERING DIVISION

GRAND MESA RESERVOIR NO 6
MESA COUNTY, W. DIV. 4, DAMID: 420121
OUTLET WORKS REHAB PHOTOS