

EXISTING WETLANDS
WET MEADOW
MITIGATION AREA 1
3.72 ACRES

WCR 4 1/2

TWO PRODUCING
OIL WELLS

MAINTAIN CURRENT
ROAD/ACCESS TO
2 OIL WELLS
(INCLUDES 20 FT BUFFER
FROM EDGE OF ACCESS)

INCLUDE 20-FT SETBACK
FROM COUNTY ROAD, THEN
4:1 SLOPE DOWN TO
WETLAND MITIGATION AREA

40' EXCLUSION FOR PIPELINE
(CITY OF WESTMINSTER)

WCR 23 1/2

POTENTIAL WETLAND
WILLOW SHRUB
MITIGATION AREA 2
8.97 ACRES
(GW 12-18 INCHES BELOW FINAL GRADE)
(EXCLUDES EXISTING WETLANDS)

FILL IN POND,
GRADE AREA FOR
WETLAND MITIGATION

AMEND EXISTING
SOILS AS REQUIRED
AND/OR IMPORT TOPSOIL

WETLAND
SALTGRASS MEADOW
MITIGATION AREA 3
13.52 ACRES
(GW 8-10 INCHES
BELOW FINAL GRADE
BUT NOT INUNDATED)

POTENTIAL NATIVE PALUSTRINE
EMERGENT WETLAND
MITIGATION AREA 4
10.44 ACRES
(HERBACEOUS IF SHALLOW GW
6-12 INCHES BELOW FINAL
GRADE, WOODY/WILLOW IF GW
12-18 INCHES BELOW FINAL
GRADE)

PERIMETER DRAIN
(TO BE INSTALLED)

STRUCK POND

SLOPE PROTECTION

SLURRY WALL
(EXISTING)

SLURRY WALL
(TO BE INSTALLED)

POND 3
MAX NWL EL. 4928.0

300' OFFSET BETWEEN
COTTONWOOD AREA AND
SOUTHERN END OF SPILLWAY AREA

EXISTING WETLANDS

30' SETBACK
FROM EXISTING
HUETT DITCH

COTTONWOOD
REPLACEMENT AREA
4.88 ACRES

SPILLWAY

APPROXIMATE LOCATION
OF PUMP STATION

RIVERBANK STABILIZATION

30' OFFSET FROM
EACH SIDE OF CONVEYOR TO
COTTONWOOD REPLACEMENT AREA

50' OFFSET FROM
PERMIT BOUNDARY

60' OFFSET TOTAL
(BOTH SIDES OF
CONVEYOR)

EXISTING CONVEYOR

COTTONWOOD
REPLACEMENT AREA
5.16 ACRES

50' OFFSET FROM
PERMIT BOUNDARY

SLOPE PROTECTION

SOUTH PLATTE RIVER

US HWY 88

LEGEND

- WELL LOCATION APPROXIMATE
- PERMIT BOUNDARY APPROXIMATE
- WILLOW SHRUBS
- SALTGRASS MEADOW
- COTTONWOOD REPLACEMENT
- EXISTING WETLANDS

TOTAL WETLAND MITIGATION AREA
AREA 1= 3.72 AC
AREA 2= 8.97 AC
AREA 3= 13.52 AC
AREA 4= 10.44 AC
TOTAL 36.65 AC

0 150' 300' 600'
SCALE: 1" = 300'



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HOLCIM - WCR, INC.
WATTENBERG LAKES
**WATTERBERG
RECLAMATION**

PROJ:	117-7110001
DESN:	
DRWN:	
CHKD:	

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WELL LOCATION APPROXIMATE

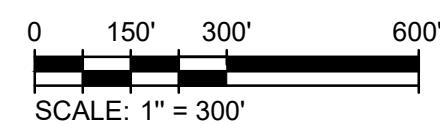
PERMIT BOUNDARY APPROXIMATE

WILLOW SHRUBS

SALTGRASS MEADOW

COTTONWOOD REPLACEMENT

EXISTING WETLANDS



<u>TOTAL WETLAND MITIGATION AREA</u>	
AREA 1=	3.72 AC
AREA 2=	8.97 AC
AREA 3=	13.52 AC
AREA 4=	10.44 AC
<u>TOTAL</u>	<u>36.65 AC</u>

Bar Measures 1 inch, otherwise drawing not to scale