Map 1: Vicinity Map

NRCS Dry Creek Debris Basin Rehabilitation Draft Supplemental Watershed Plan No. 13 and Environmental Assessment

Legend
- Dry Creek Debris Basin
- US Interstate
- US Highway
- Major Stream
- County
- Utah County
- Roads
- Streams
- Lakes and Reservoirs

NOTES:
Aerial photo from 2009 NAIP 1-m orthophoto. Shaded reliefs derived from 10- and 90-m USGS DEMs. Points, lines and polygons supplied by various state and federal sources, including USFS, UDOT, and USGS.

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UTAH
Map 2: Watershed Map

NRCS Dry Creek Debris Basin Rehabilitation
Draft Supplemental Watershed Plan No. 13
and Environmental Assessment

NOTES:
Aerial photo from 2009 NAIP 1-m orthophoto. Points, lines and polygons supplied by various state and federal sources, including UDOT and USGS. Watershed boundary was approximated using USGS StreamStats Interactive Map.
Legend

- Project Area
- Principal Spillway
- Auxiliary Spillway
- Dry Creek
- Inlet
- Outlet
- Outlet Pipe
- Outlet Channels
- Roads
- Upstream Embankment
- Downstream Embankment
- Existing Access Road
- Murdock Canal Pipeline

NOTES:
Aerial photo from 2009 NAIP 1-m orthophoto. Points, lines and polygons supplied by various state and federal sources, including USDA, UDOT, and USGS.

Map 3: Project Map

NRCS Dry Creek Debris Basin Rehabilitation
Draft Supplemental Watershed Plan No. 13
and Environmental Assessment

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Map 4: Dam Rehabilitation - Dam Raise With Additional Storage
NRCS Dry Creek Debris Basin Rehabilitation
Draft Supplemental Watershed Plan No. 13 and Environmental Assessment

NOTES:
Aerial photo from 2009
NAIP 1-m orthophoto.
Points, lines and polygons supplied by various state and federal sources, including UDOT and USGS. Design features obtained from McMillen, LLC
Concept Design drawings dated July 2014.
Map 5: Dam Rehabilitation - Dam Raise With Additional Storage

NRCS Dry Creek Debris Basin Rehabilitation
Draft Supplemental Watershed Plan No. 13 and Environmental Assessment

NOTES:
Aerial photo from 2009
NAIP 1-m orthophoto.
Points, lines and polygons supplied by various state and federal sources, including UDOT and USGS.
Design features obtained from McMillen, LLC
Concept Design drawings dated July 2014.

Legend
- Project Area
- Principal Spillway
- Auxiliary Spillway
- Sediment Removal
- Proposed Seepage Treatment Blanket
- Fresh Water Supply Pipe
- Regrade Bank
- Roads
- Riprap
- Stability Berm
- Proposed Access
- Murdock Canal Trail
- Murdock Canal Pipeline
- Dry Creek
- Pool Elevation

0 100 200 400 Feet

Staging
1.5 Acres

Replace Principal Spillway Outlet With New Structure And Trash Rack

Construct Stability Berm

Army Connection To Dry Creek With Riprap

Construct New Toe Drain

Replace Auxiliary Spillway With Piano Key Weir And Raise 5 FT

Excavate Sediment In Basin To EL 4735 FT

New Water Pool EL 4761.2 FT

Increase Dam Crest Elevation By 4 FT

Replace Principal Spillway Outlet With New Structure And Trash Rack

Construct Stability Berm

Army Connection To Dry Creek With Riprap

Construct New Toe Drain

Replace Auxiliary Spillway With Piano Key Weir And Raise 5 FT

Excavate Sediment In Basin To EL 4735 FT

New Water Pool EL 4761.2 FT

Increase Dam Crest Elevation By 4 FT
NRCS Dry Creek Debris Basin Rehabilitation
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Map 7: Dam Rehabilitation - Dam Raise With Additional Storage Cross Section

NRCS Dry Creek Debris Basin Rehabilitation
Draft Supplemental Watershed Plan No. 13 and Environmental Assessment

NOTES:
Profile obtained from McMillen, LLC concept design plans dated July 2014.

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USDA