



**US Army Corps
of Engineers.**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	MVK-2015-899
EVALUATOR:	Ms. Kristi Hall
PHONE NO.:	(601) 631-7528
E-MAIL:	Kristina.W.Hall@usace.army.mil
DATE:	April 24, 2017
EXPIRATION DATE:	May 24, 2017

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District, is considering a proposal to establish the Yockanookany Mitigation Bank (YMB). A prospectus has been received describing the proposed bank submitted by Yockanookany Mitigation Resource, LLC, the bank Sponsor. The proposed site is located in Sections 20-29-32, T13N-R7E, Attala County and Section 5, T12N-R7E, Leake Mississippi (HUC 03180001).

Description: The YMB is being proposed by the bank sponsor as a means to meet the requirements for compensatory mitigation for future and yet unknown wetland and stream losses which may be permitted by the Corps under the authority of Section 404 of the Clean Water Act.

The proposed bank site is approximately seven miles south of Kosciusko, Mississippi. The site is located east of the Natchez Trace Parkway and west of State Route 35, and is centered at approximately Latitude 32.9526° N, Longitude -89.6011° W. The site is located within the floodplain of the Yockanookany River.

Baseline Conditions / Current Land Use / Proposed Actions:

The property consists of approximately 1,303 acres, with 618 acres of cutover wetlands, 662 acres of mature bottomland hardwood forested wetlands, 38,772 feet of intermittent stream and 44,915 feet of perennial streams.

The proposed YMB site is located within the floodplain of the Yockanookany River. Dominant tree species found in cutover wetlands include sweetgum (*Liquidambar straciflua*), black willow (*Salix nigra*), and water oak (*Quercus nigra*). Dominant tree species found in mature bottomland hardwood forests

include sweetgum (*Liquidambar styraciflua*) post oak (*Quercus stellata*), water oak (*Quercus nigra*), red maple (*Acer rubrum*), bald cypress (*Taxodium distichum*), green ash (*Fraxinus pennsylvanica*), blackgum (*Nyssa sylvatica*), American elm (*Ulmus americana*), black willow (*Salix nigra*), sugar maple (*Acer saccharum*), sweetbay (*Magnolia virginiana*), American hornbeam (*Carpinus caroliniana*), swamp chestnut oak (*Quercus nichauxii*), mockernut hickory (*Carya tomentosa*).

The Natural Resources Conservation Service (NRCS) has mapped the primary soils in the proposed mitigation bank as Rosebloom-Arkabutla (hydric rating-70), Kinston loam (hydric rating- 95), Providence silt loam (hydric rating – 0 to 2) and Calhoun silt loam (hydric rating- 95) are also found on hillslopes within the bank property. Hydrology is primarily overbank flooding from the Yockanookany River driven with some overbank flooding around Black Bayou.

The proposed YMB site is located in the Upper Pearl River watershed within the United State Geological Survey (USGS) Hydrologic Unit Code (HUC) 03180001. The hydrogeomorphic wetland class of YMB is a combination of riverine wetlands and depressional wetlands, with primary sources of hydrology from a riverine backwater flooding, overland flow from adjacent lands, and direct precipitation.

The proposed YMB restoration plan includes wetland enhancement of 357 acres, wetland preservation of 468 acres, 263 acres of riparian buffer restoration, and 424 acres of riparian buffer preservation. Proposed stream work includes 21,1667 linear feet of stream preservation, 54,287 linear feet of riparian buffer enhancement and 6,839 linear feet of restoration. The proposed restoration vegetation work plan involves removing existing vegetation and replanting with an appropriate combination of hard and soft mast producing bare-root stock. Specific stream reaches within the project area were ditched by previous landowners. These ditches will be reconnected to historic channels.

Service Area: This Mitigation Bank would be established to provide mitigation to compensate for impacts to waters of the United States, including wetlands, within the Corps of Engineers Vicksburg District Regulatory Boundary in the state of Mississippi. The proposed service area for this mitigation bank is demarcated by the United States Geologic Survey as hydrologic unit codes 03180001 and 03180002.

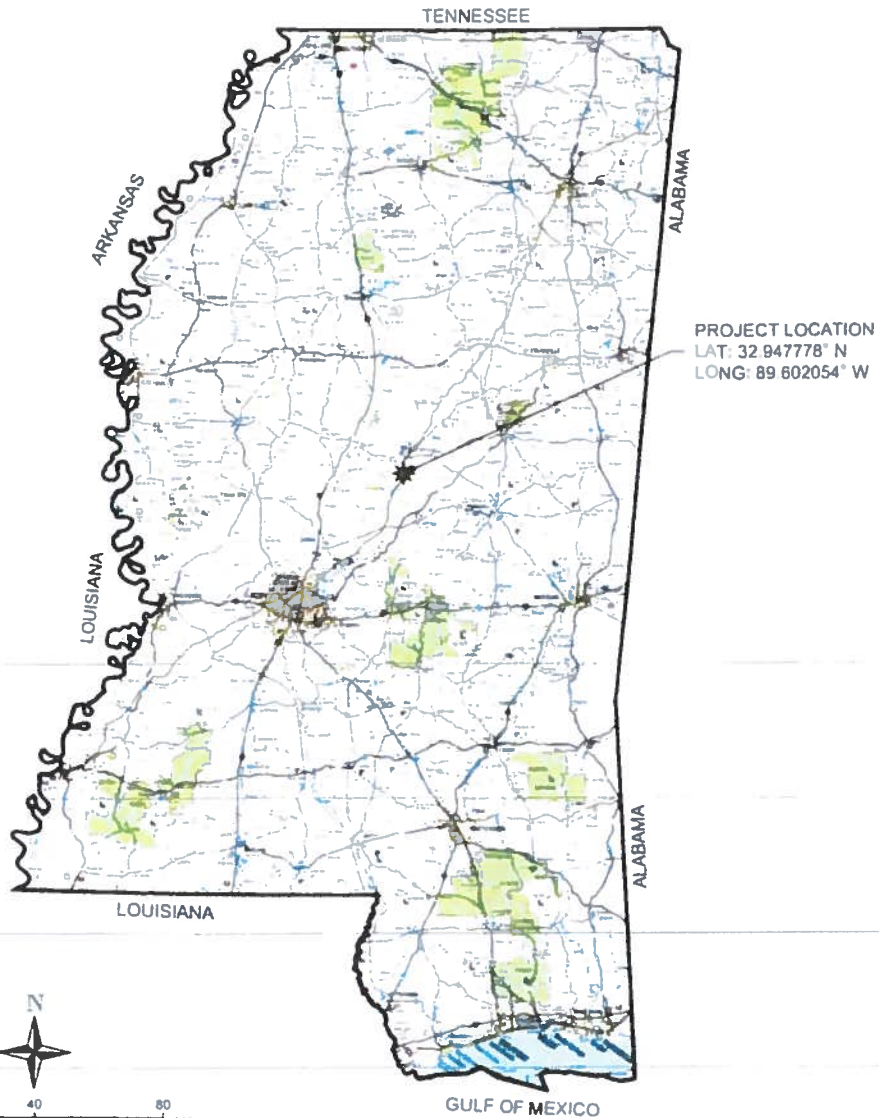
Comments on this proposed mitigation bank may be provided to the Corps at the address below. Comments should be received no later than the expiration date of this public notice. The prospectus, which outlines the conceptual plan for the bank, is available at the following website:
<http://www.mvk.usace.army.mil/Missions/Regulatory/Public-Notices/>

The prospectus is available for review at the Vicksburg District, Corps of Engineers at the address given below.
Please provide comments to:

U.S. Army Corps of Engineers
Vicksburg District
ATTN: CEMVK-OD-F
4155 Clay Street
Vicksburg, Mississippi 39183-3485

Thomas A. McCabe
Thomas A McCabe
Chief, Evaluation Section
Regulatory Branch

YOCKANOOKANY MITIGATION BANK

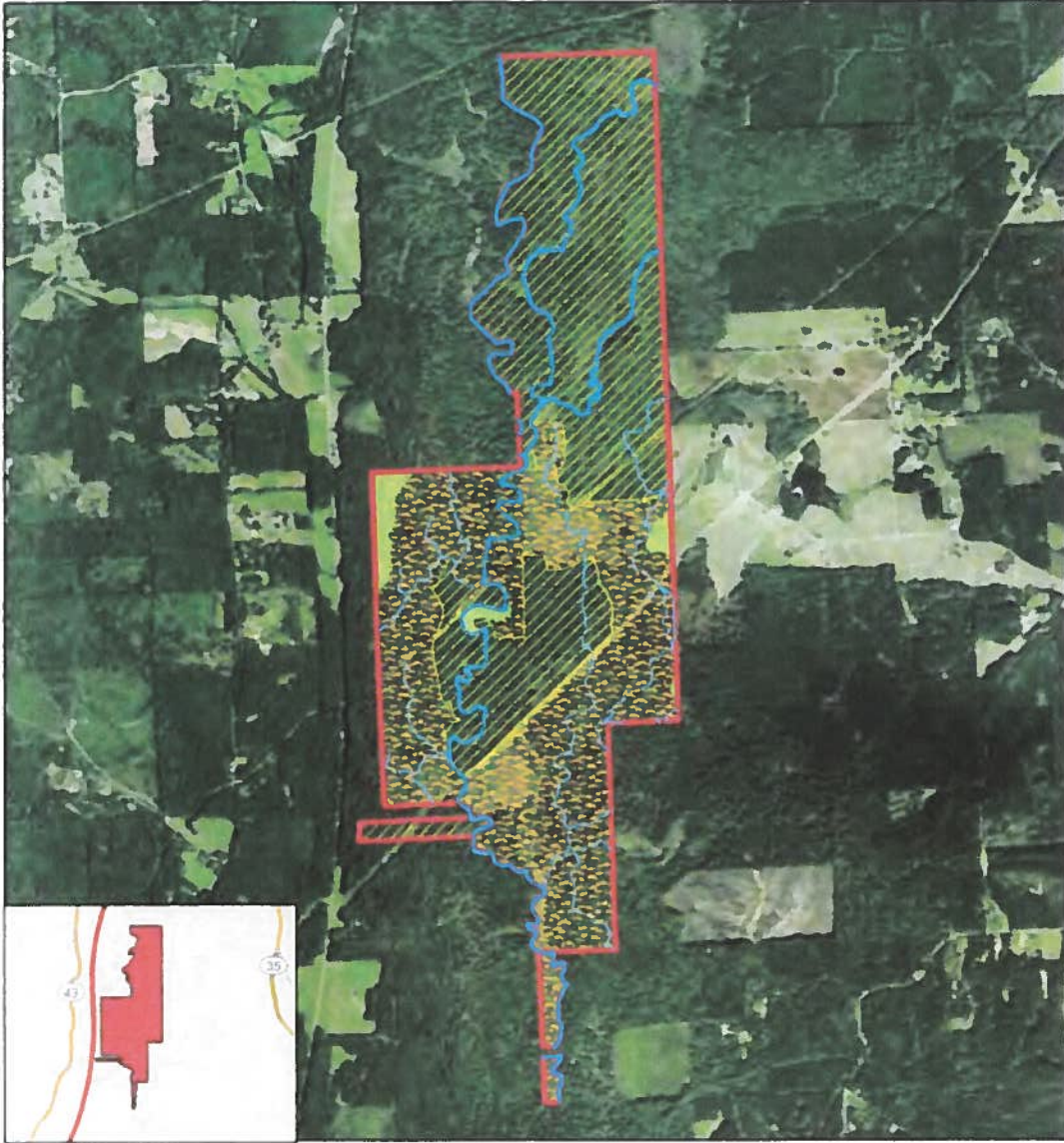


PROJECT LOCATION
LAT: 32.947778° N
LONG: 89.802054° W



BASEMAP STATE MAP PREPARED BY MDT PLANNING DIVISION, 2012

PROJECT NO.: MVK-2015-899	PROJECT LOCATION MAP ATTALA & LEAKE COUNTIES, MISSISSIPPI	FIGURE 1
SCALE: 1" = 40 MILES		DATE: 8/8/2016



- Legend**
-  Project Boundary
 -  Intermittent
 -  Perennial
 -  Cutover Forested Wetlands
 -  Forested Wetlands
 -  Uplands

North American Coal Royalty Company
Attala County Mitigation Tract
Attala & Leake Counties, Mississippi

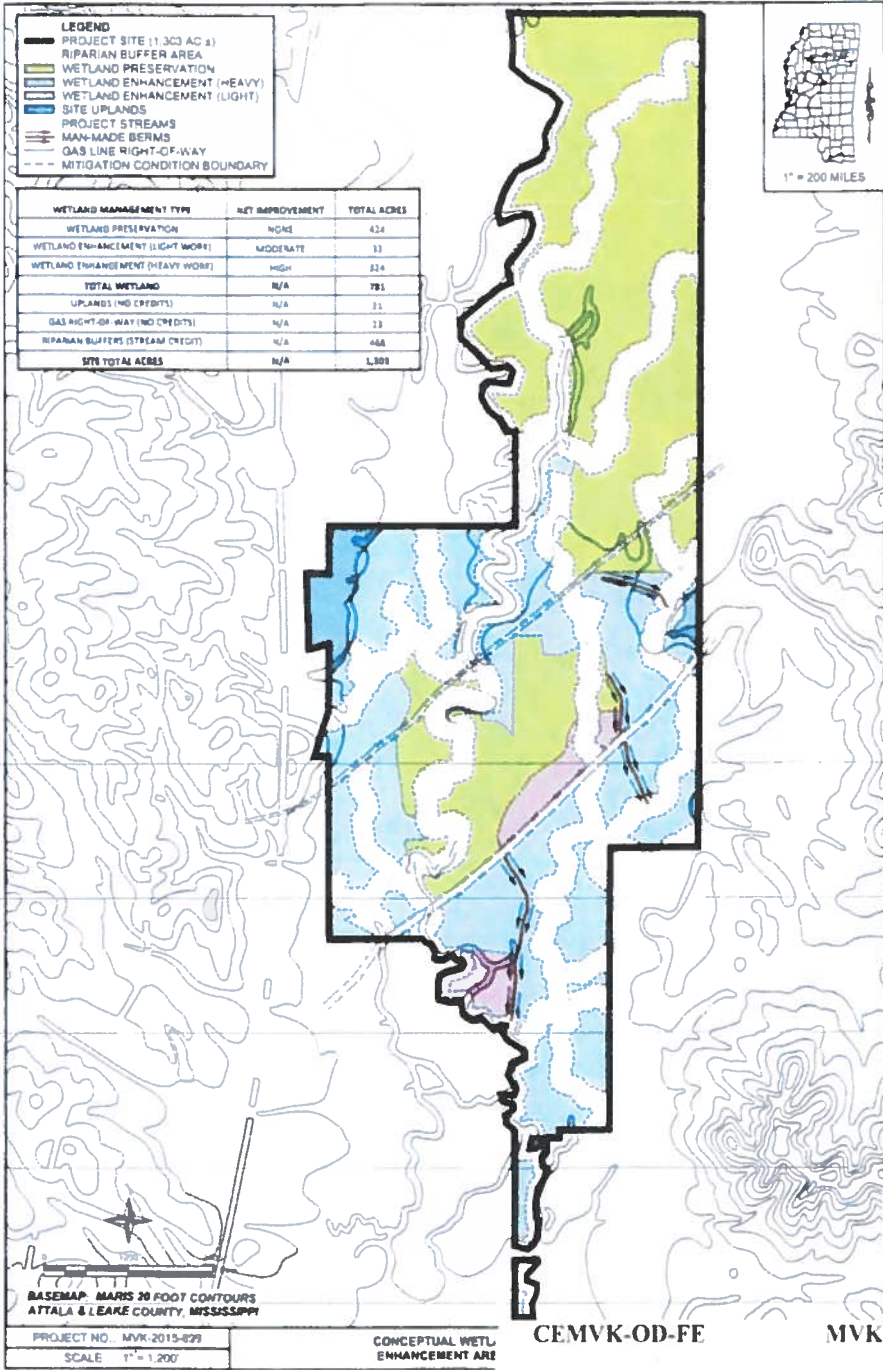
Preliminary
Jurisdictional Determination

Bert Turcotte

0 1,500 3,000 6,000
Feet



Enclosure 1



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MVK-2015-899

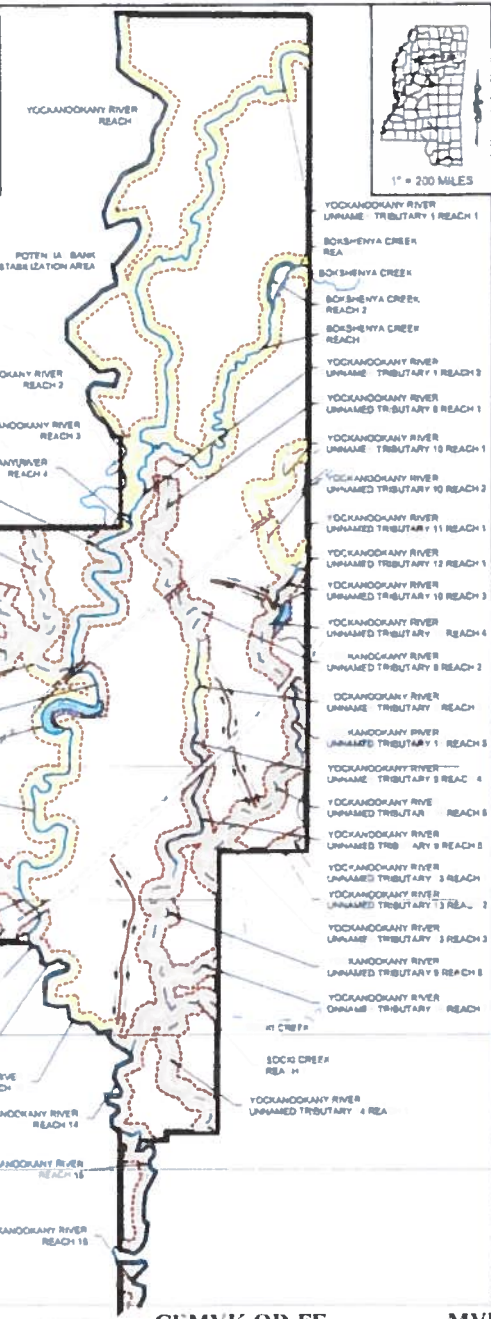
YOCKANOOKANY MITIGATION BANK

STREAM REACH ID	LENGTH (FEET)
YR R1	8,851
YR R2	223
YR R3	302
YR R4	292
YR R5	3,610
YR R6	626
YR R7	1,584
YR R8	3,957
YR R9	887
YR R10	449
YR R11	261
YR R12	1,085
YR R13	1,459
YR R14	7,824
YR R15	2,319
YR R16	1,386
YR UT1 R1	9,831
YR UT1 R2	717
YR UT1 R3	2,142
YR UT2 R2	896
YR UT3 R1	2,517
YR UT4 R1	680
YR UT5 R1	908
YR UT5 R2	2,241
YR UT7 R1	1,560
YR UT8 R1	752
YR UT9 R1	2,831
YR UT9 R2	1,244
YR UT9 R3	1,133
YR UT9 R4	709
YR UT9 R5	1,826
YR UT9 R6	3,851
YR UT10 R1	1,879
YR UT10 R2	993
YR UT10 R3	858
YR UT10 R4	1,427
YR UT10 R5	1,219
YR UT10 R6	3,080
YR UT10 R7	923
YR UT11 R1	198
YR UT12 R1	167
YR UT13 R1	373
YR UT13 R2	220
YR UT13 R3	831
YR UT14 R1	1,626
BC R1	219
BC R2	941
BC R3	4,484
SC R1	796
TOTAL	64,793

LEGEND

- PROJECT SITE 1,303 AC ±
- RIPARIAN BUFFER AREA
- SITE WETLANDS
- SITE UPLANDS
- RIPARIAN BUFFER PRESERVATION
- RIPARIAN BUFFER ENHANCEMENT
- PERENNIAL STREAM
- INTERMITTENT STREAM
- PROPOSED RESTORATION REACH
- MAN-MADE BERMS
- GAS LINE RIGHT-OF-WAY

YR = YOCKANOOKANY RIVER
BC = BOKSHENYA CREEK
SC = SOCKI CREEK
UT = UNNAMED TRIBUTARY
R = REACH



BASEMAP: MARIS 20 FOOT CONTOURS
 ATTALA & LEAKE COUNTY, MISSISSIPPI

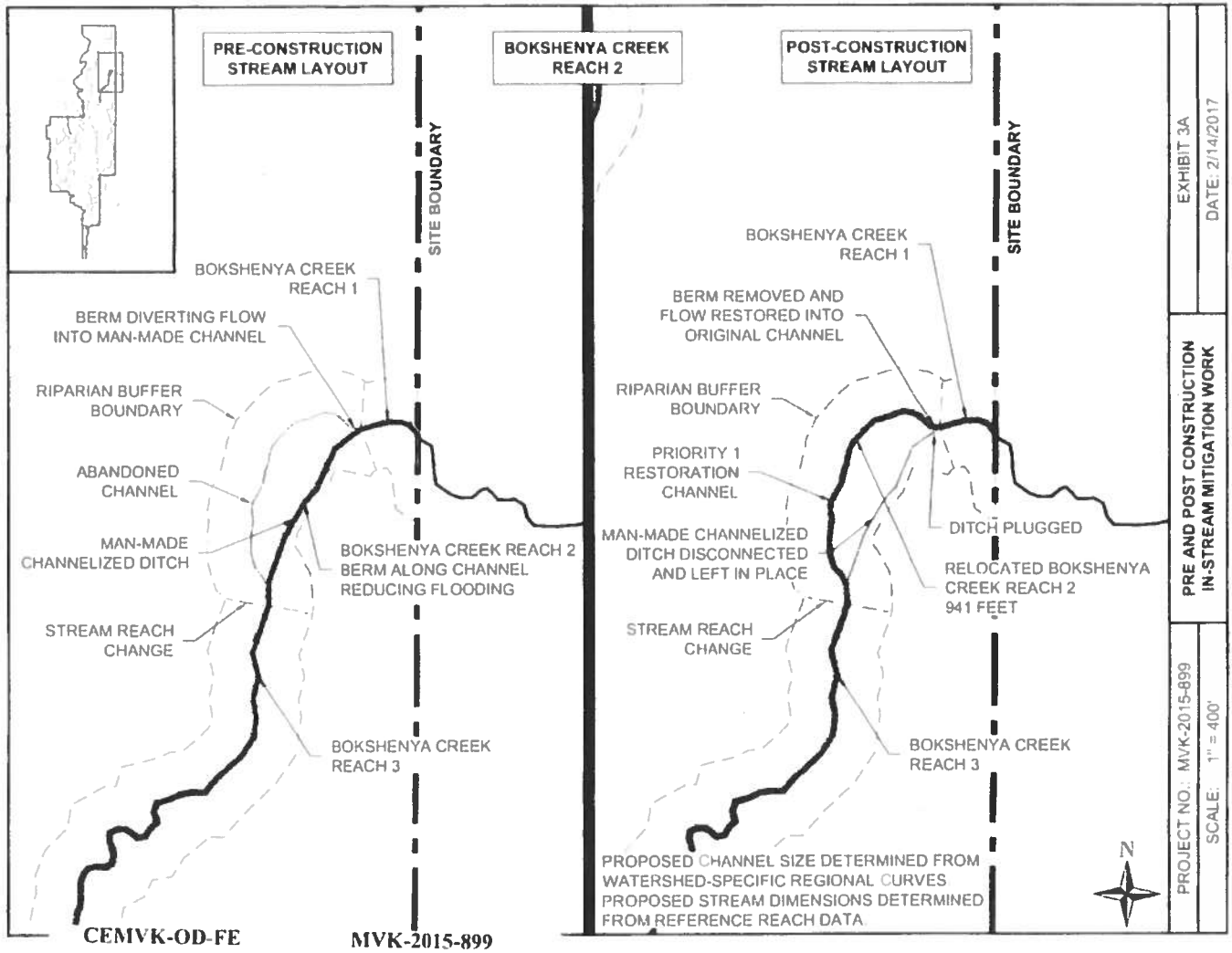
PROJECT NO.: MVK-2015-899
 SCALE: 1" = 1,200'

CONCEPTUAL STREAM RESTORATION AND ENHANCEMENT REACH

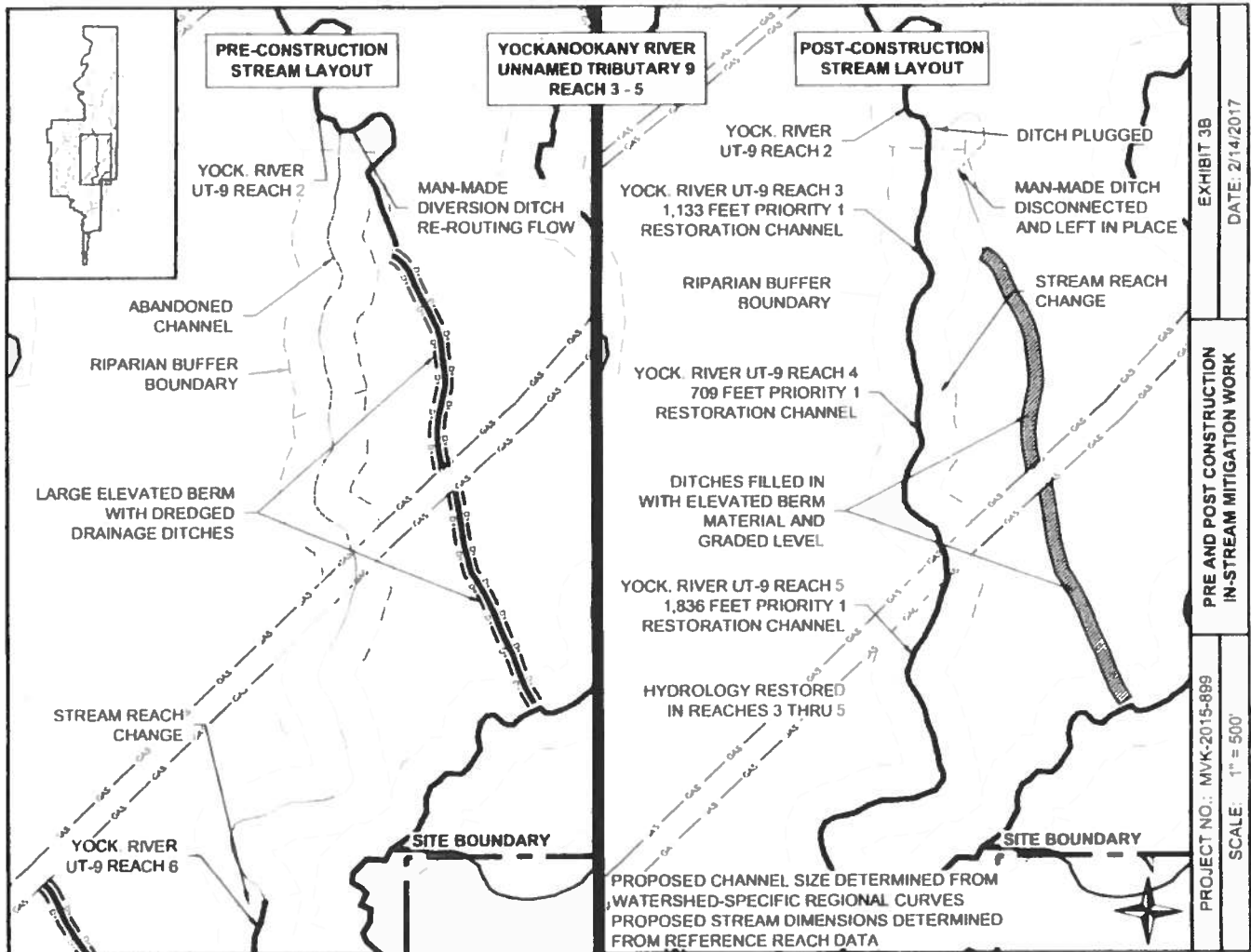
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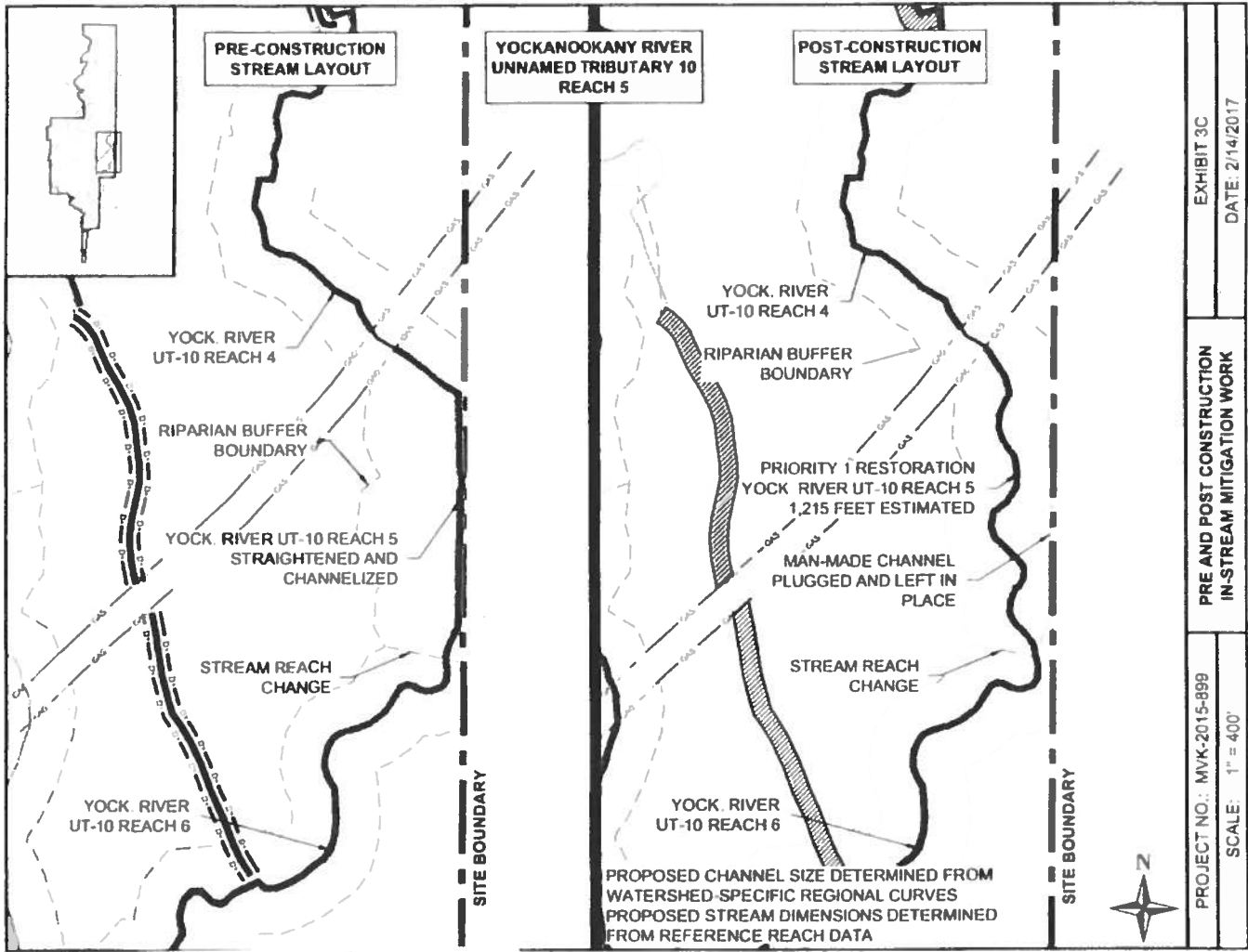
YOCKANOOKANY MITIGATION BANK



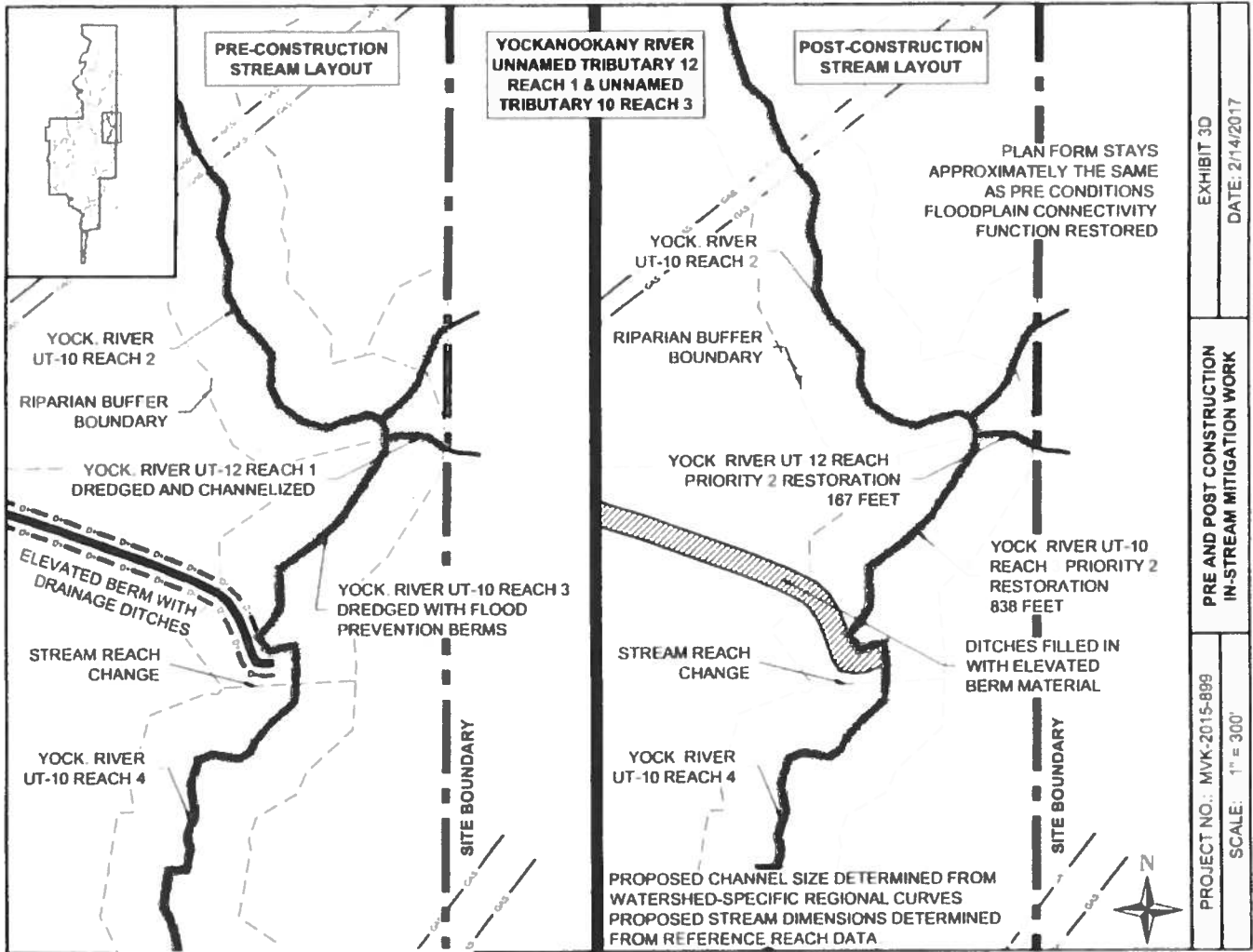
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