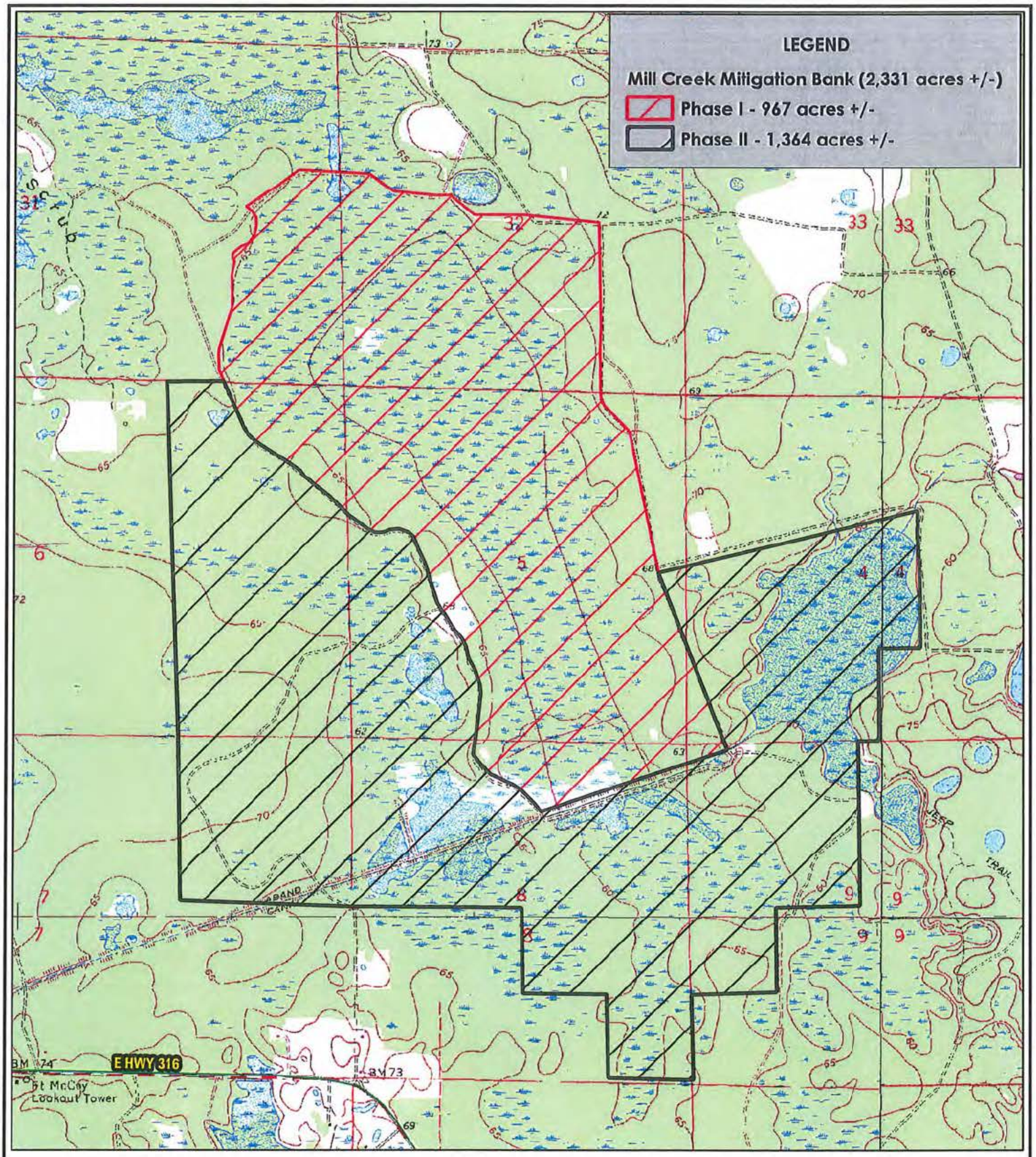

0 2,000'

Section:	31, 32	4-9
Township:	12 South	13 South
Range:	23 East	23 East

Lat: 29° 23' 09.57" N (29.385992 dd)
Long: 82° 01' 00.97" W (-82.016936 dd)

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Mill Creek Mitigation Bank
USGS Topographic Quadrangle Map

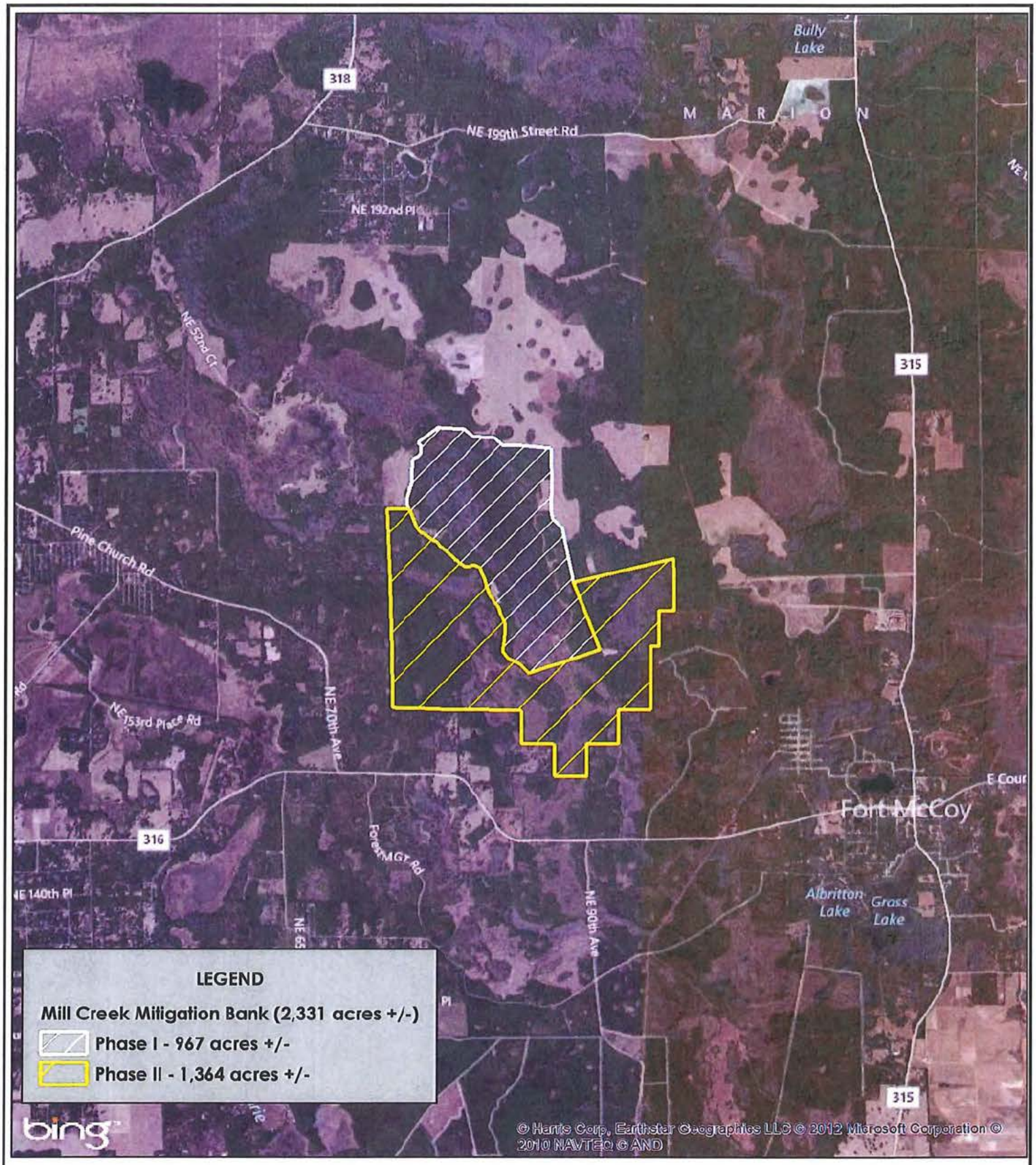
By: JKN

Project No.:	12019
Exhibit No.:	1
Date:	7-13-12
Rev. Date:	

N W E S

Source: 7.5' USGS Anthony, Citra, Eureka Dam, and Fort McCoy, FL Topographic Quadrangles

X:\GIS Projects\2012\12019\MB_Exhibits\12019_location_7-13-12.mxd



0 — 1 Mile

Section:	31, 32	4-9
Township:	12 South	13 South
Range:	23 East	23 East

Lat: 29° 23' 09.57" N (29.385992 dd)
Long: 82° 01' 00.97" W (-82.016936 dd)

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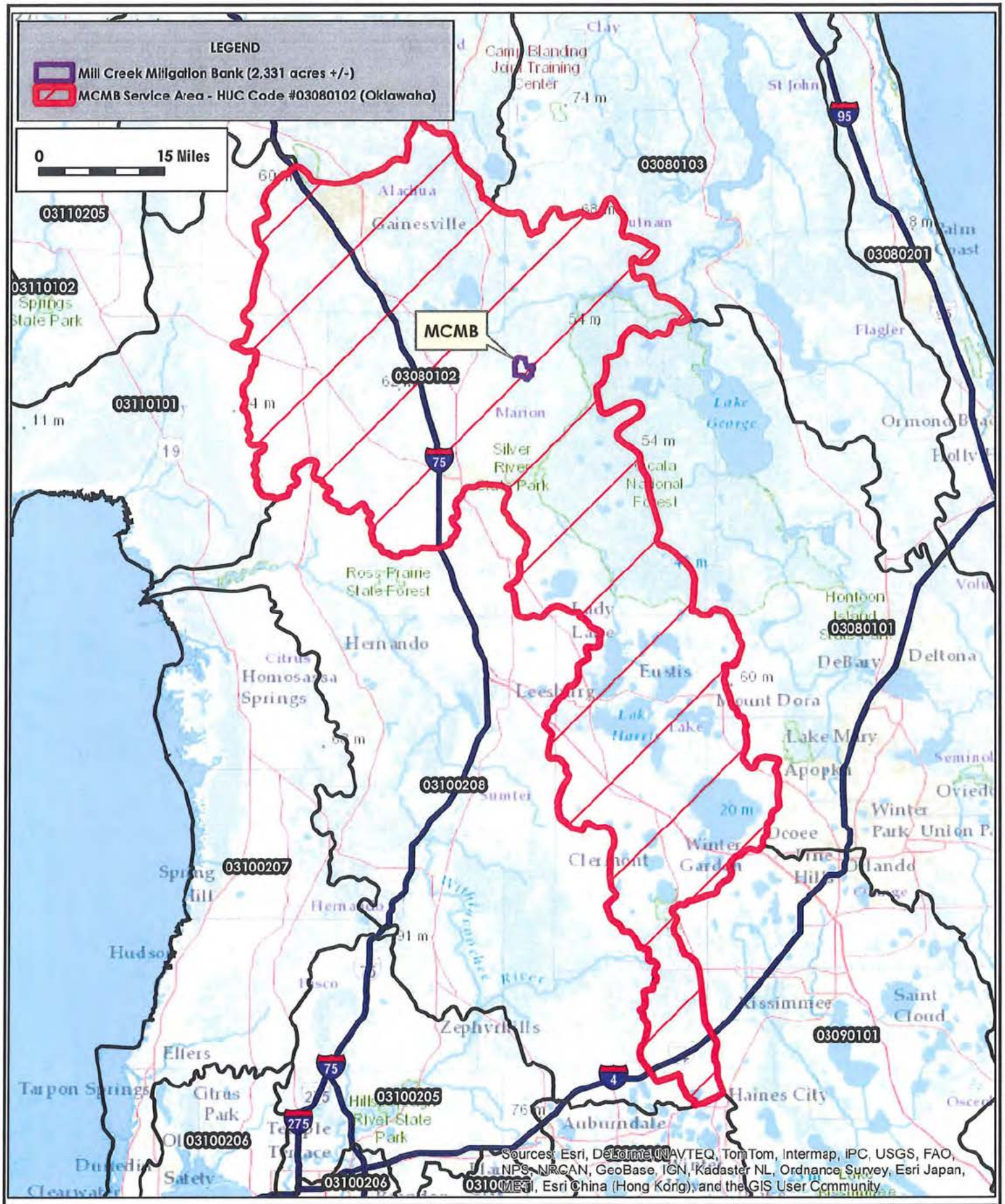
Mill Creek Mitigation Bank Vicinity Map

Project No.:	12019
Exhibit No.:	2
Date:	7-13-12
By: JKN	Rev. Date:

N W E S

Source: Bing Maps (ArcGIS Online)

X:\GIS Projects\2012\12019\MB_Exhibits\12019_vicinity_7-13-12.mxd



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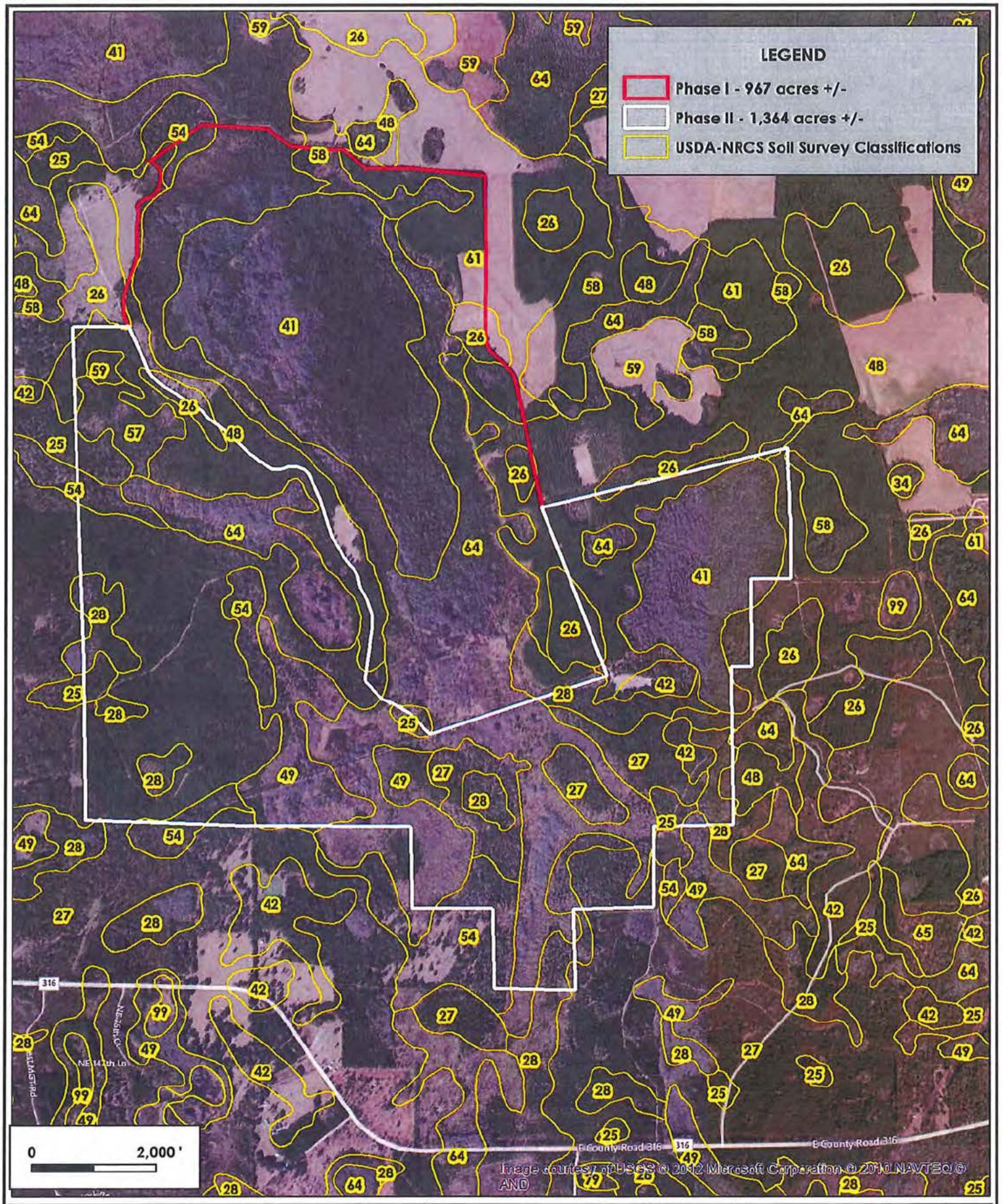
Mill Creek Mitigation Bank
USACE Service Area
& HUC Code Map

By: JKN

Project No.:	12019
Exhibit No.:	3
Date:	7-13-12
Rev. Date:	

Source: ArcGIS Online (Topographic Map); FDEP (HUC Codes)

X:\GIS Projects\2012\12019\MB_Exhibits\12019_service_area_7-13-12.mxd



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Mill Creek Mitigation Bank
USDA-NRCS Soil Survey

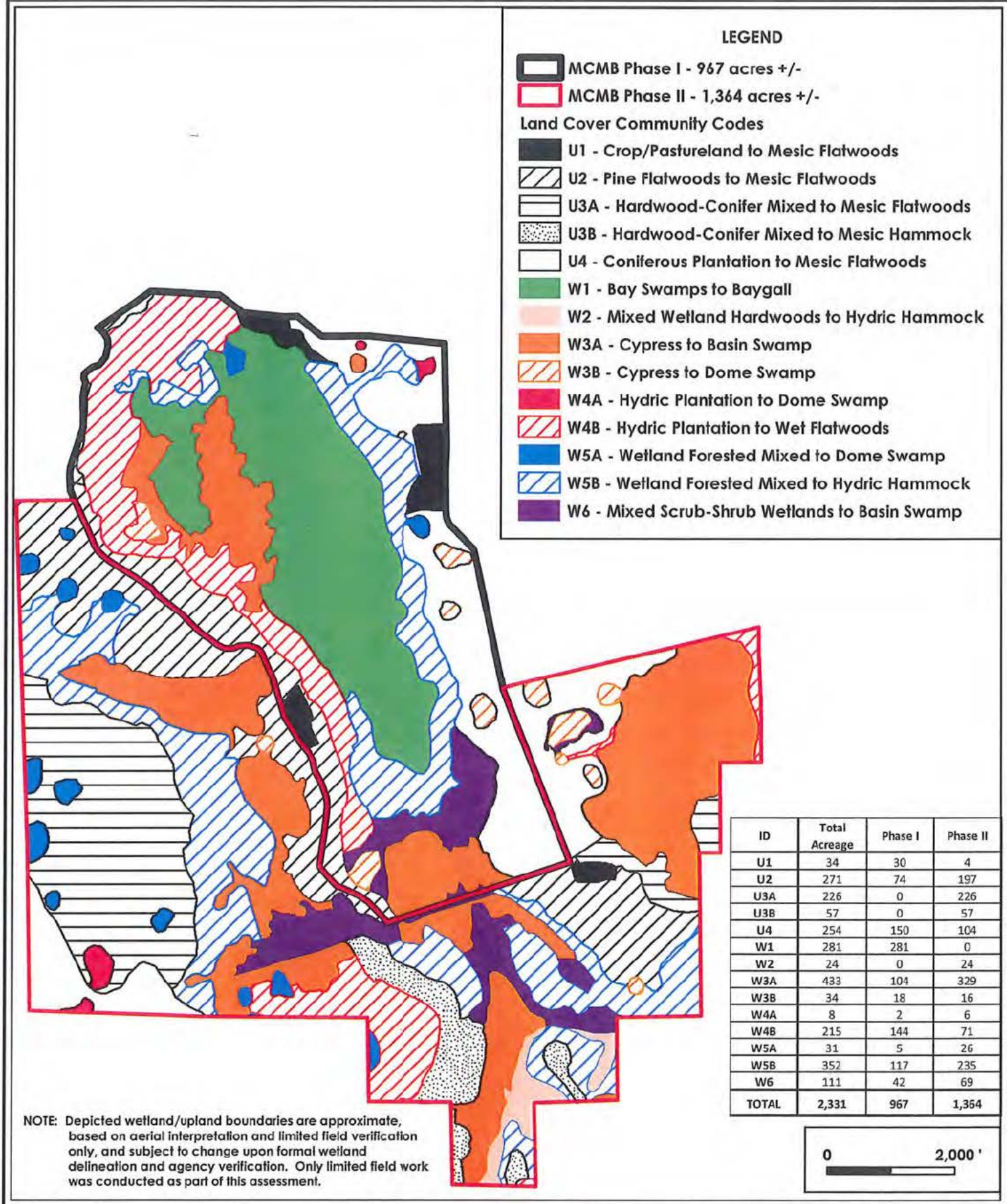
By: JKN

Project No.:	12019
Exhibit No.:	4
Date:	7-13-12
Rev. Date:	

N W E S

Source: Bing Maps (ArcGIS Online); USDA-NRCS

12019_soils_7-13-12.mxd



ID	Total Acreage	Phase I	Phase II
U1	34	30	4
U2	271	74	197
U3A	226	0	226
U3B	57	0	57
U4	254	150	104
W1	281	281	0
W2	24	0	24
W3A	433	104	329
W3B	34	18	16
W4A	8	2	6
W4B	215	144	71
W5A	31	5	26
W5B	352	117	235
W6	111	42	69
TOTAL	2,331	967	1,364

NOTE: Depicted wetland/upland boundaries are approximate, based on aerial interpretation and limited field verification only, and subject to change upon formal wetland delineation and agency verification. Only limited field work was conducted as part of this assessment.

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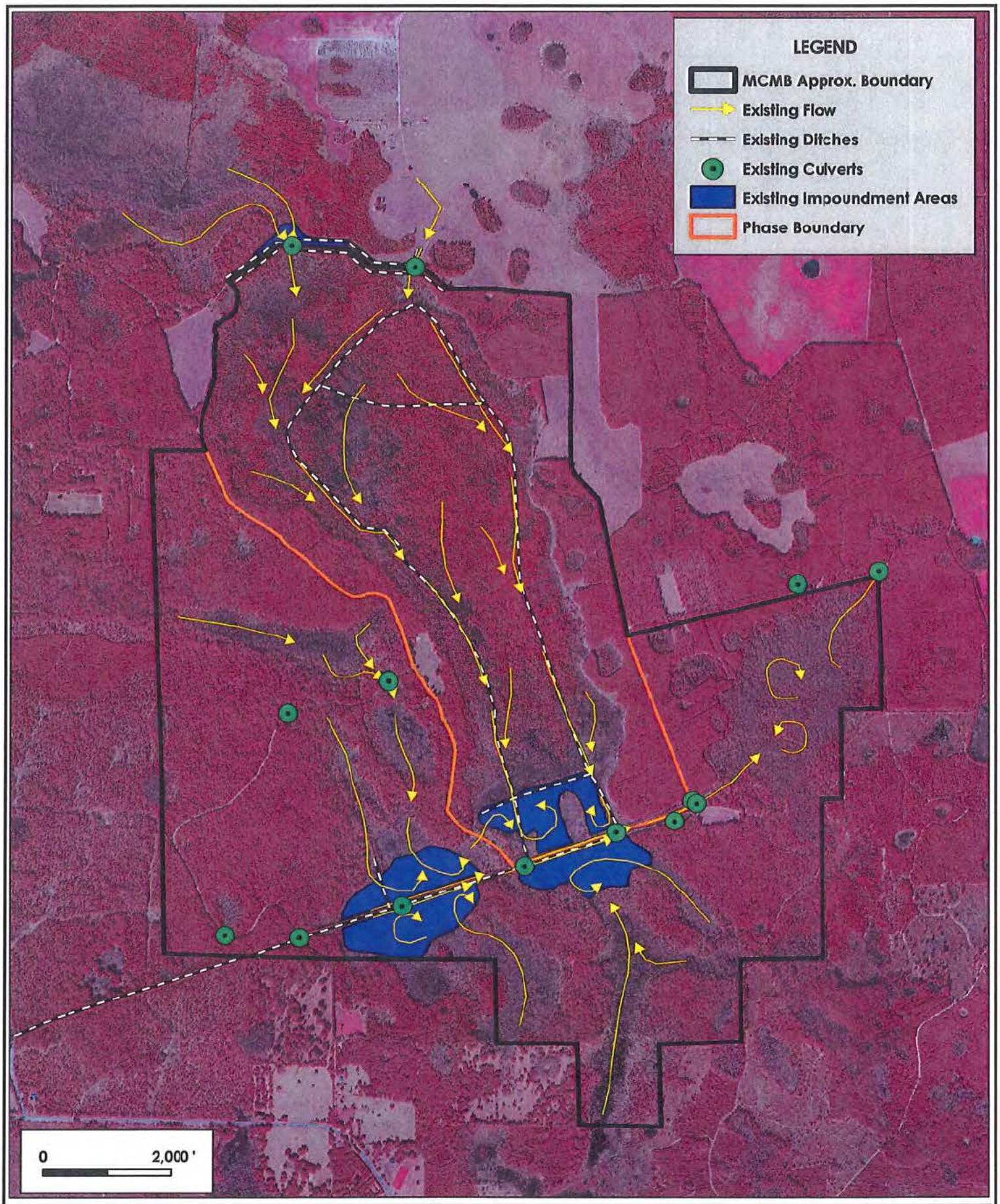
Mill Creek Mitigation Bank Existing/Proposed Land Cover Map

By: JKN

Project No.: 12019
Exhibit No.: 5
Date: 7-17-12
Rev. Date:

Source: SJRWMD (2009 aerials, 2009 FLUCFCS), NWI, USDA-NRCS

X:\GIS Projects\2012\12019\M8_Exhibits\12019_land_cover_7-17-12.mxd



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Mill Creek Mitigation Bank
Existing Flow Patterns and Hydrologic Structures

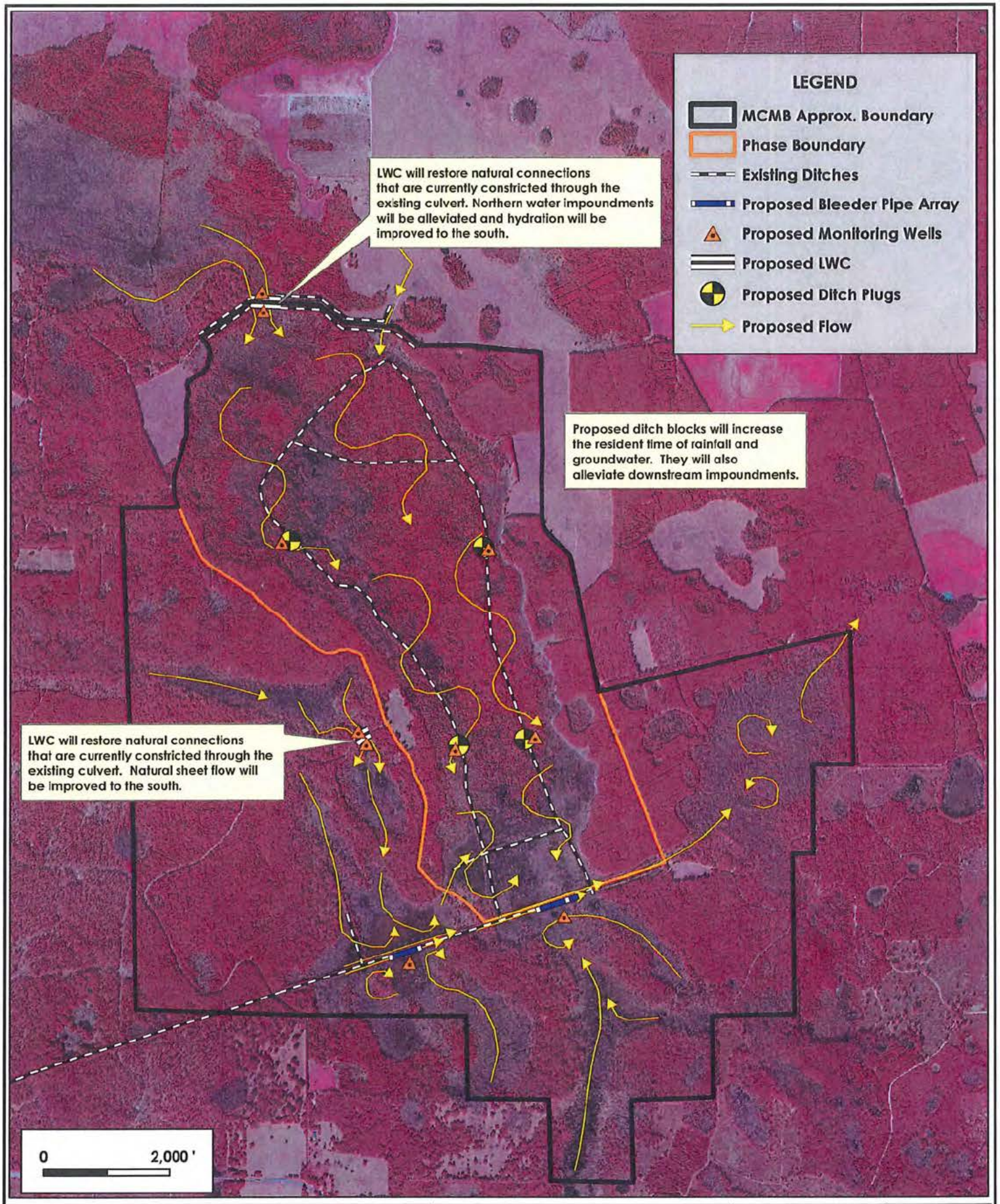
By: JKN

Project No.:	12019
Exhibit No.:	6
Date:	8-3-12
Rev. Date:	

N W E S

Aerial Source: SJRWMD (2009 aerials)

X:\GIS Projects\12019\MB_Exhibits\hydro\12019_MCMB_Exist_Flow_8-3-12.mxd



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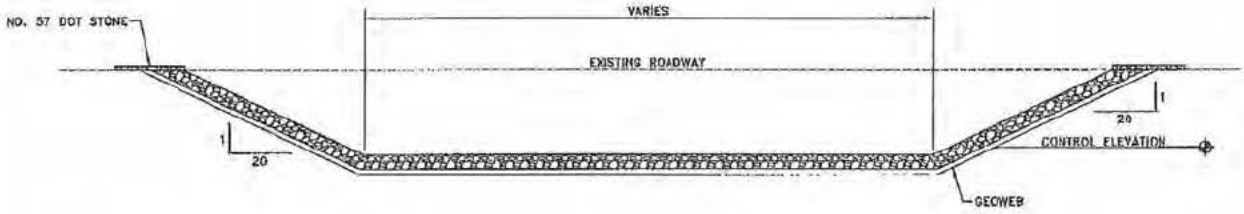
Mill Creek Mitigation Bank
Proposed Flow Patterns and Hydrologic Structures

Project No.:	12019
Exhibit No.:	7
Date:	8-3-12
By: JKN	Rev. Date:

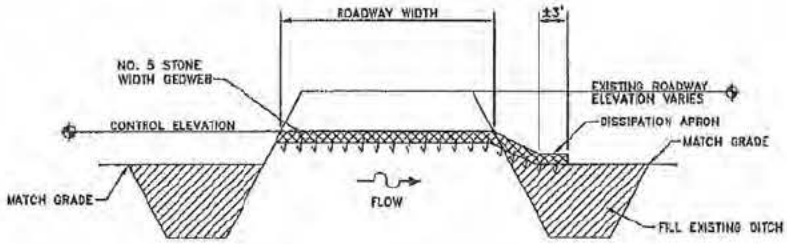
N W E S

Aerial Source: SJRWMD (2009 aerials)

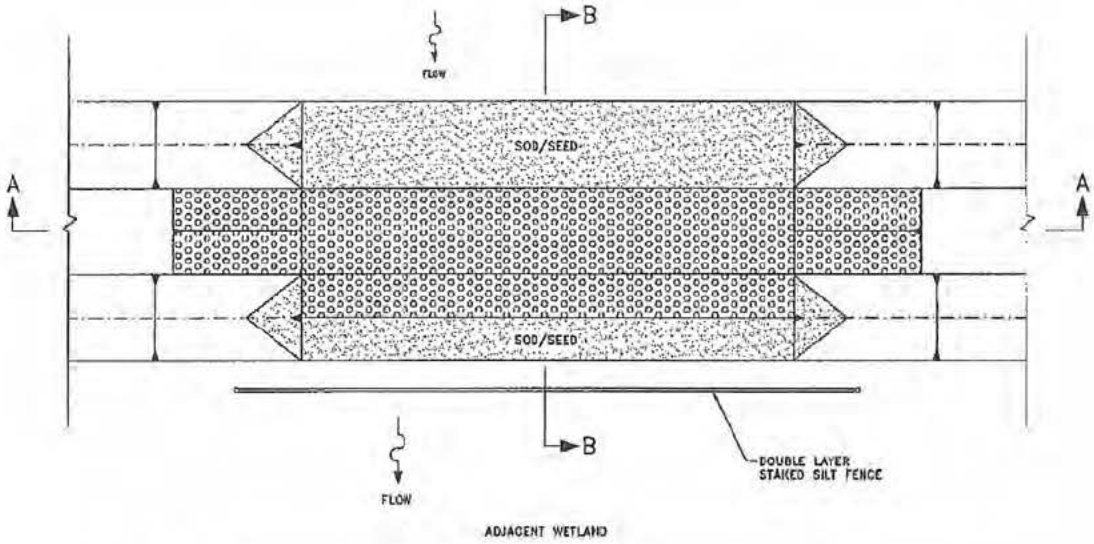
X:\GIS Projects\12019\MB_Exhibits\hydro\12019_MCMB_Proposed_Flow_8-3-12.mxd



SECTION A-A
SCALE: N.T.S.



SECTION B-B
SCALE: N.T.S.



PLAN VIEW
SCALE: N.T.S.

DETAIL
SCALE: N.T.S.

205 L.F. LOW WATER CROSSING
W-BD2

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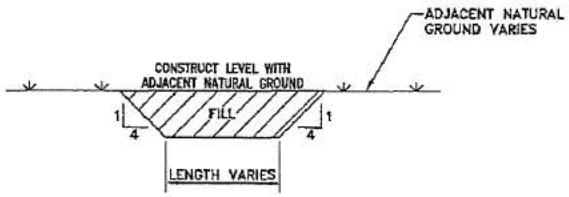
Mill Creek Mitigation Bank
LWC Structure Details
Provided by Prosser Hallock

By: JKN

Project No.:	12019
Exhibit No.:	8
Date:	8-6-12
Rev. Date:	

Source: Prosser Hallock

X:\GIS Projects\12019\MB_Exhibits\12019_LWC_Structure_8-6-12.mxd



SECTION
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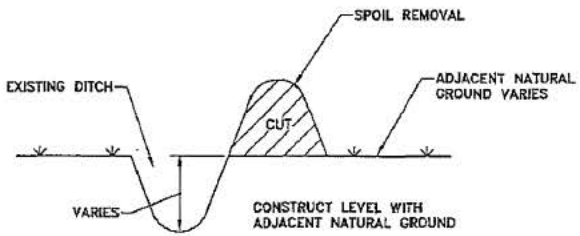

SECTION
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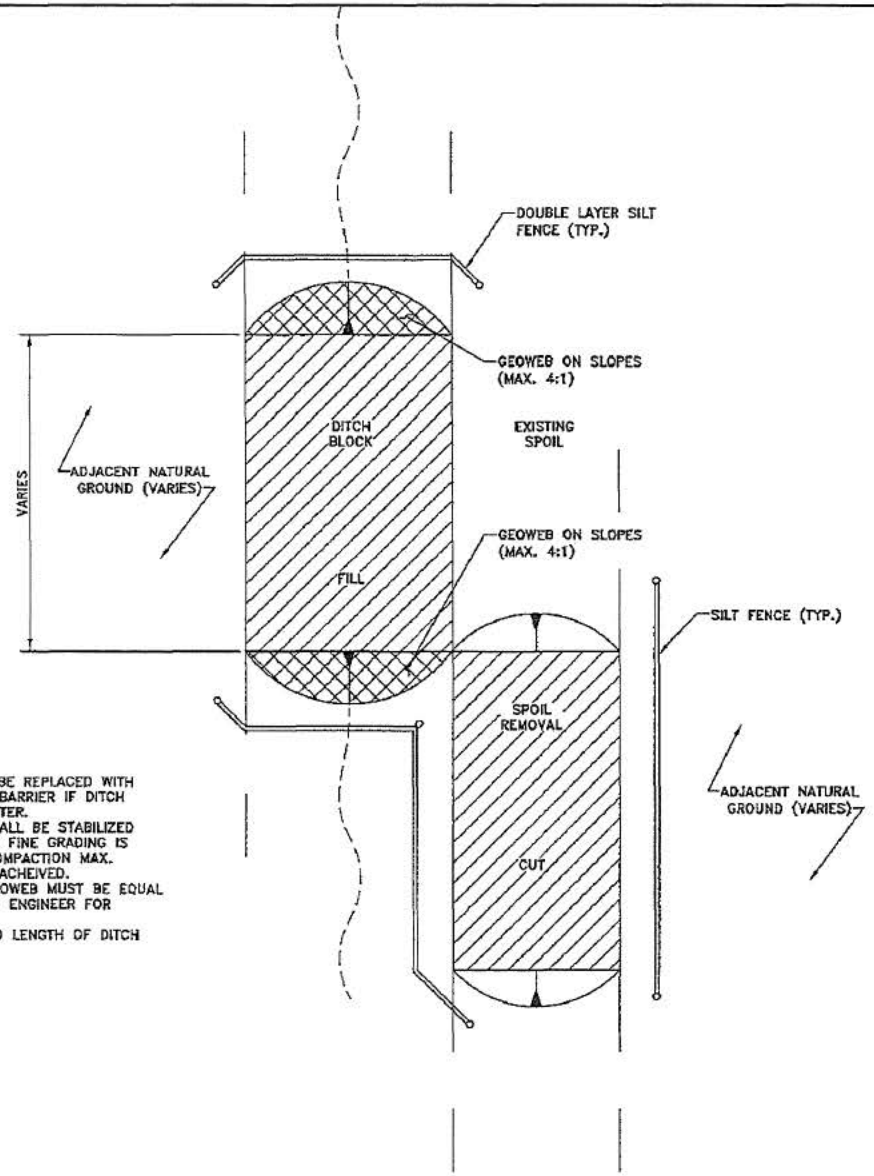

NOTES:
1. SILT FENCE MUST BE REPLACED WITH FLOATING TURBITY BARRIER IF DITCH IS FILLED WITH WATER.
2. EXPOSED SOILS SHALL BE STABILIZED IMMEDIATELY AFTER FINE GRADING IS COMPLETE. 95% COMPACTION MAX. DENSITY MUST BE ACHEIVED.
3. ALTERNATES TO GEOWEB MUST BE EQUAL AND SUBMITTED TO ENGINEER FOR APPROVAL.
4. HEIGHT, WIDTH AND LENGTH OF DITCH BACK VARIES.

DETAIL
SCALE: N.T.S.

EARTHEN DITCH BLOCK WITH SPOIL REMOVAL
(TYPICAL)

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Mill Creek Mitigation Bank
Ditch Block Structure Details
Provided by Prosser Hallock

By: JKN

Project No.:	12019
Exhibit No.:	9
Date:	8-6-12
Rev. Date:	

N W E S

Source: Prosser Hallock

X:\GIS Projects\12019\MB_Exhibits\12019_PHI_ditch-block-detail_8-6-12.mxd