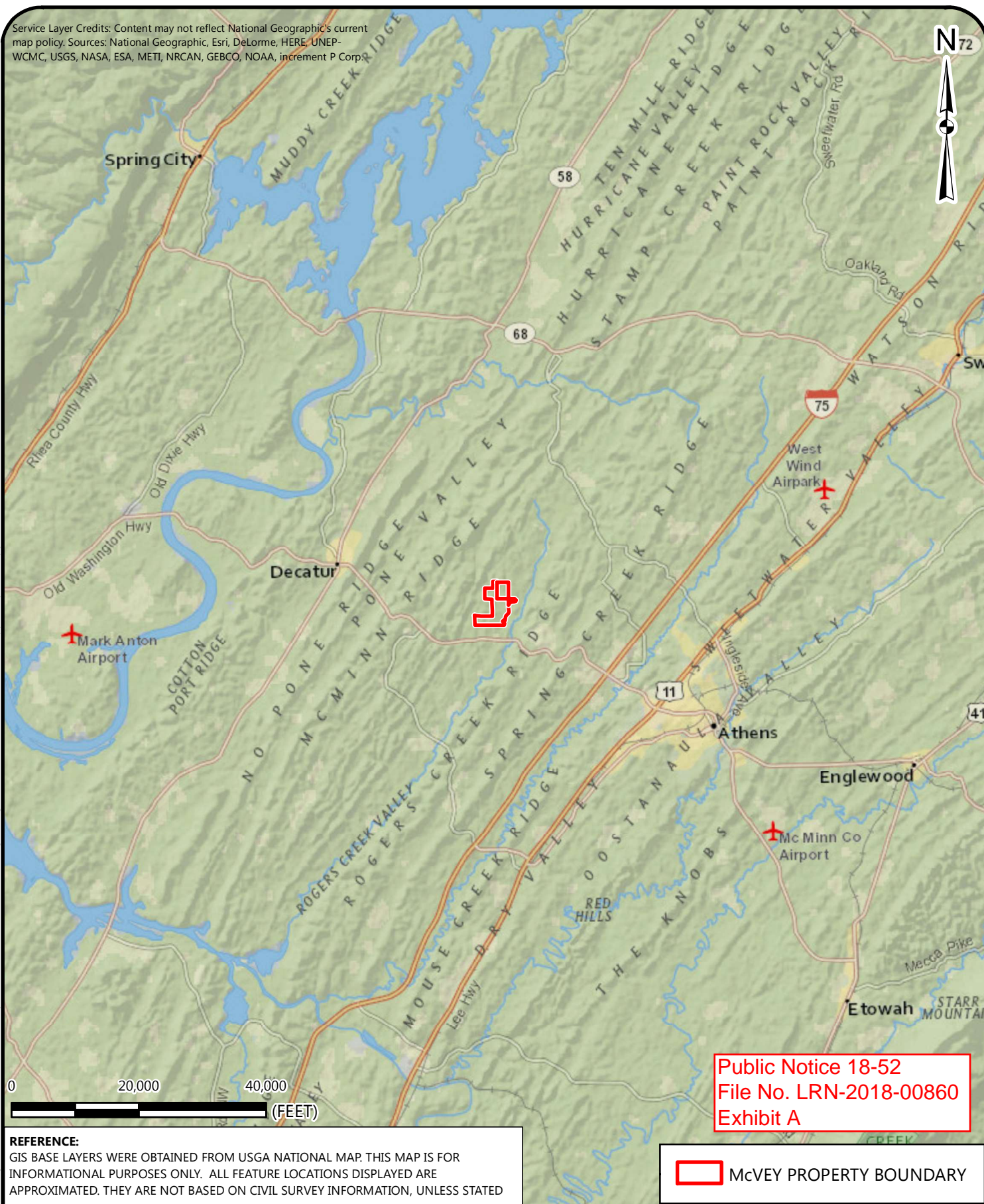


Service Layer Credits: Content may not reflect National Geographic's current map policy. Sources: National Geographic, Esri, DeLorme, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.

Drawing Path: R:\GIS\PROJECTS\2018 Projects\7243-18-004 RES Chattanooga Mitigation Service\FIG1 SITE VICINITY Copy.mxd plotted by rowe 10-30-2018



**REFERENCE:**  
GIS BASE LAYERS WERE OBTAINED FROM USGA NATIONAL MAP. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED

Public Notice 18-52  
File No. LRN-2018-00860  
Exhibit A

  McVEY PROPERTY BOUNDARY



## SITE VICINITY MAP

LODI STREAM MITIGATION SERVICE  
McMINN COUNTY, TENNESSEE

SCALE:  
1" = 20,000'  
DATE:  
10-26-18  
PROJECT NUMBER:  
7243-18-004

FIGURE NO.

1





# LODI STREAM MITIGATION BANK EXISTING AQUATIC RESOURCES MAP

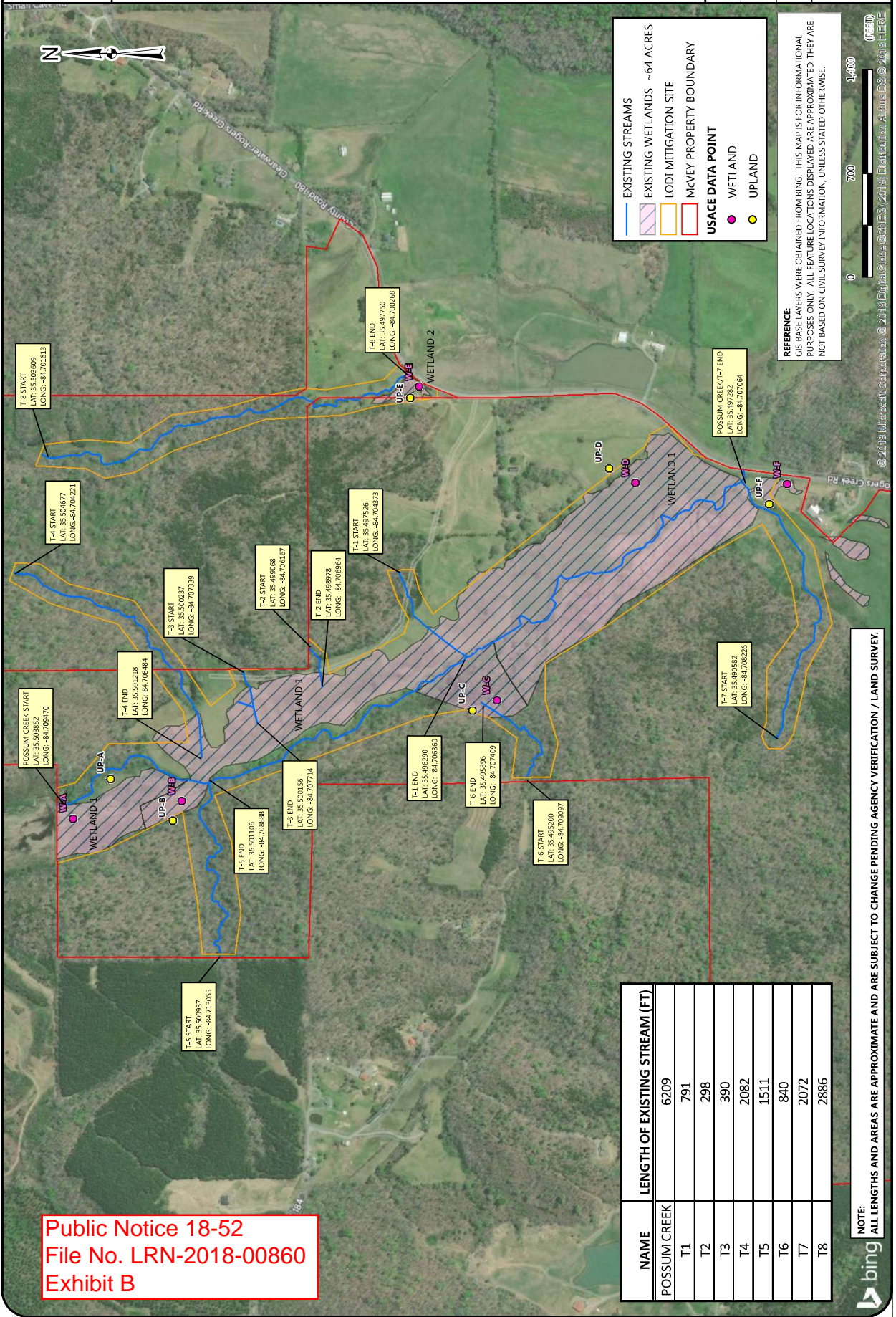
LODI STREAM MITIGATION SERVICE  
MCMINN COUNTY, TENNESSEE

SCALE:  
1" = 600'

DATE:  
10-31-18

PROJECT NUMBER:  
7243-18-004

FIGURE NO.  
3



Public Notice 18-52  
File No. LRN-2018-00860  
Exhibit B

NAME	LENGTH OF EXISTING STREAM (FT)
POSSUM CREEK	6209
T1	791
T2	298
T3	390
T4	2082
T5	1511
T6	840
T7	2072
T8	2886

NOTE:  
ALL LENGTHS AND AREAS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE PENDING AGENCY VERIFICATION / LAND SURVEY.

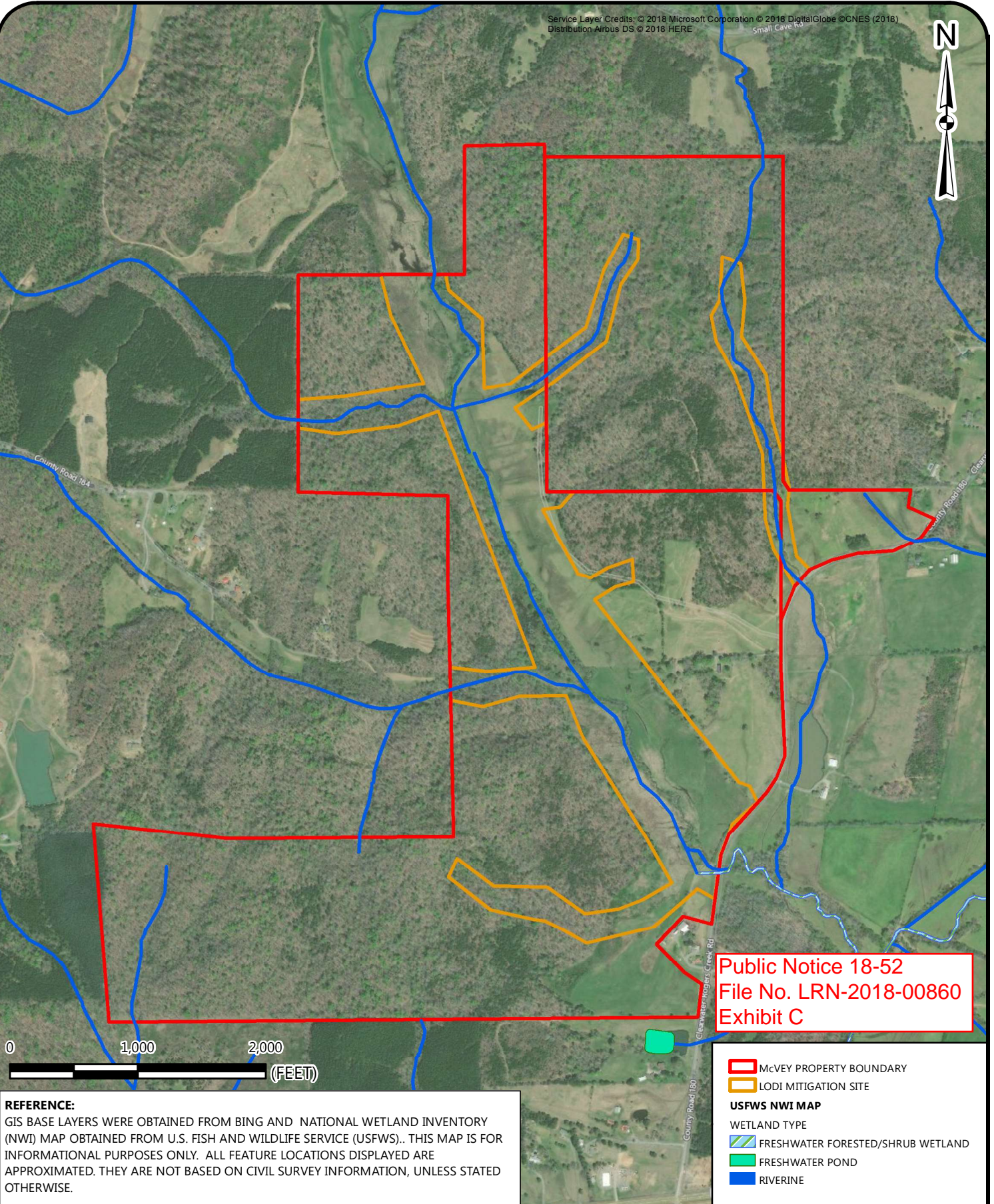
REFERENCE:  
GIS BASE LAYERS WERE OBTAINED FROM BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

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**REFERENCE:**  
GIS BASE LAYERS WERE OBTAINED FROM BING AND NATIONAL WETLAND INVENTORY (NWI) MAP OBTAINED FROM U.S. FISH AND WILDLIFE SERVICE (USFWS).. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

**Public Notice 18-52**  
**File No. LRN-2018-00860**  
**Exhibit C**

- McVEY PROPERTY BOUNDARY
- Lodi MITIGATION SITE
- USFWS NWI MAP**
- WETLAND TYPE**
- FRESHWATER FORESTED/SHRUB WETLAND
- FRESHWATER POND
- RIVERINE



## NATIONAL WETLAND INVENTORY MAP

LODI STREAM MITIGATION SERVICE  
McMINN COUNTY, TENNESSEE

SCALE:  
1" = 1,000'  
DATE:  
10-26-18  
PROJECT NUMBER:  
7243-18-004

FIGURE NO.  
  
**5**



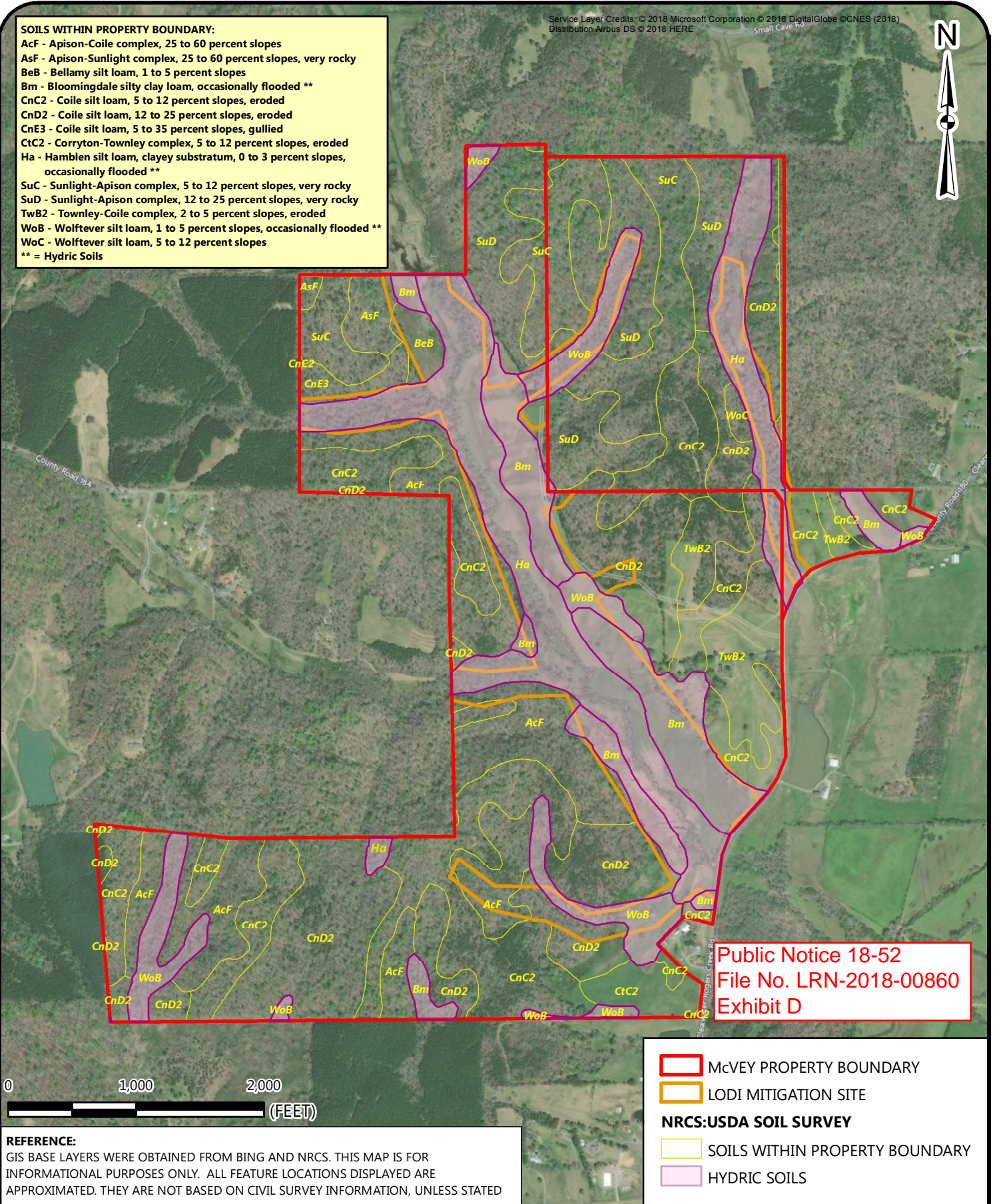
# SOILS WITHIN PROPERTY BOUNDARY:

AcF - Apison-Coile complex, 25 to 60 percent slopes  
 AsF - Apison-Sunlight complex, 25 to 60 percent slopes, very rocky  
 BeB - Bellamy silt loam, 1 to 5 percent slopes  
 Bm - Bloomingdale silty clay loam, occasionally flooded \*\*  
 CnC2 - Coile silt loam, 5 to 12 percent slopes, eroded  
 CnD2 - Coile silt loam, 12 to 25 percent slopes, eroded  
 CnE3 - Coile silt loam, 5 to 35 percent slopes, gullied  
 CtC2 - Corryton-Townley complex, 5 to 12 percent slopes, eroded  
 Ha - Hamblen silt loam, clayey substratum, 0 to 3 percent slopes, occasionally flooded \*\*  
 SuC - Sunlight-Apison complex, 5 to 12 percent slopes, very rocky  
 SuD - Sunlight-Apison complex, 12 to 25 percent slopes, very rocky  
 TwB2 - Townley-Coile complex, 2 to 5 percent slopes, eroded  
 WoB - Wolftever silt loam, 1 to 5 percent slopes, occasionally flooded \*\*  
 WoC - Wolftever silt loam, 5 to 12 percent slopes  
 \*\* = Hydric Soils

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Drawing Path: R:\GIS PROJECTS\2018 Projects\7243-18-004 RES Chattanooga Mitigation Service\FIG4 NRCS SOILS MAP.mxd plotted by rowe 10-30-2018



Public Notice 18-52  
 File No. LRN-2018-00860  
 Exhibit D

- McVEY PROPERTY BOUNDARY
- LODI MITIGATION SITE
- NRCS:USDA SOIL SURVEY**
- SOILS WITHIN PROPERTY BOUNDARY
- HYDRIC SOILS

**REFERENCE:**  
 GIS BASE LAYERS WERE OBTAINED FROM BING AND NRCS. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED



## NRCS SOILS MAP

LODI STREAM MITIGATION SERVICE  
 McMINN COUNTY, TENNESSEE

SCALE:  
 1" = 1,000'  
 DATE:  
 10-26-18  
 PROJECT NUMBER:  
 7243-18-004

FIGURE NO.  
**4**



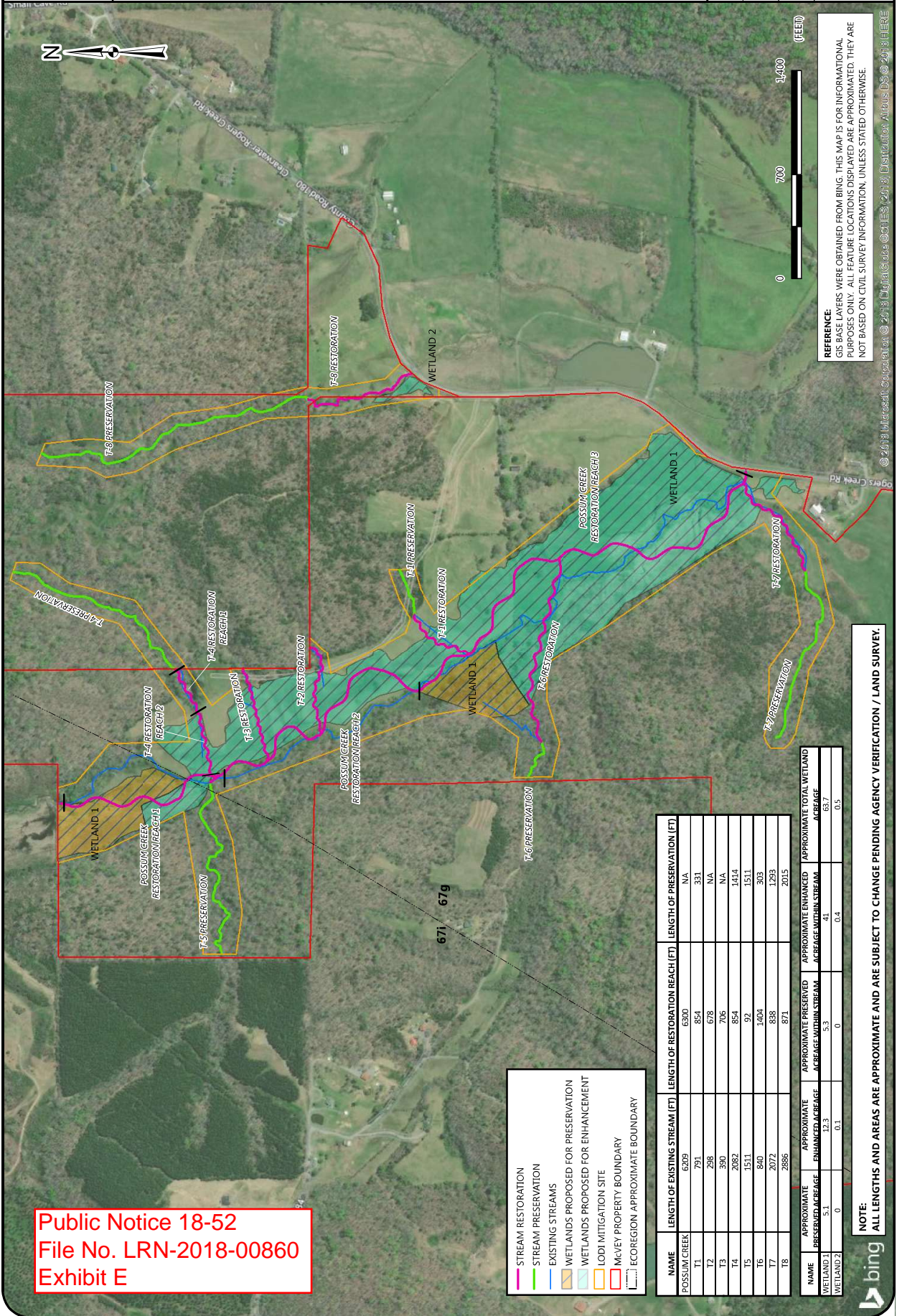


# LODI STREAM MITIGATION BANK PROPOSED MITIGATION AERIAL MAP

LODI STREAM MITIGATION SERVICE  
MCMINN COUNTY, TENNESSEE

SCALE:  
1" = 600'  
DATE:  
10-31-18  
PROJECT NUMBER:  
7243-18-004  
FIGURE NO.

7



REFERENCE:  
GIS BASE LAYERS WERE OBTAINED FROM BING. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

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Public Notice 18-52  
File No. LRN-2018-00860  
Exhibit E

NAME	LENGTH OF EXISTING STREAM (FT)	LENGTH OF RESTORATION REACH (FT)	LENGTH OF PRESERVATION (FT)
POSSUM CREEK	6209	6300	NA
T1	791	854	331
T2	298	678	NA
T3	290	706	NA
T4	282	854	1414
T5	1511	92	1511
T6	840	1404	303
T7	2072	838	1293
T8	2886	871	2015

NAME	APPROXIMATE PRESERVED ACREAGE	APPROXIMATE ENHANCED ACREAGE	APPROXIMATE PRESERVED ACREAGE WITHIN STREAM	APPROXIMATE ENHANCED ACREAGE WITHIN STREAM	APPROXIMATE TOTAL WETLAND AVERAGE
WETLAND 1	0.1	0.3	0.3	0.1	0.5
WETLAND 2	0.1	0.3	0.3	0.1	0.5

NOTE:  
ALL LENGTHS AND AREAS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE PENDING AGENCY VERIFICATION / LAND SURVEY.





# LODI STREAM MITIGATION BANK PROPOSED MITIGATION TOPO MAP

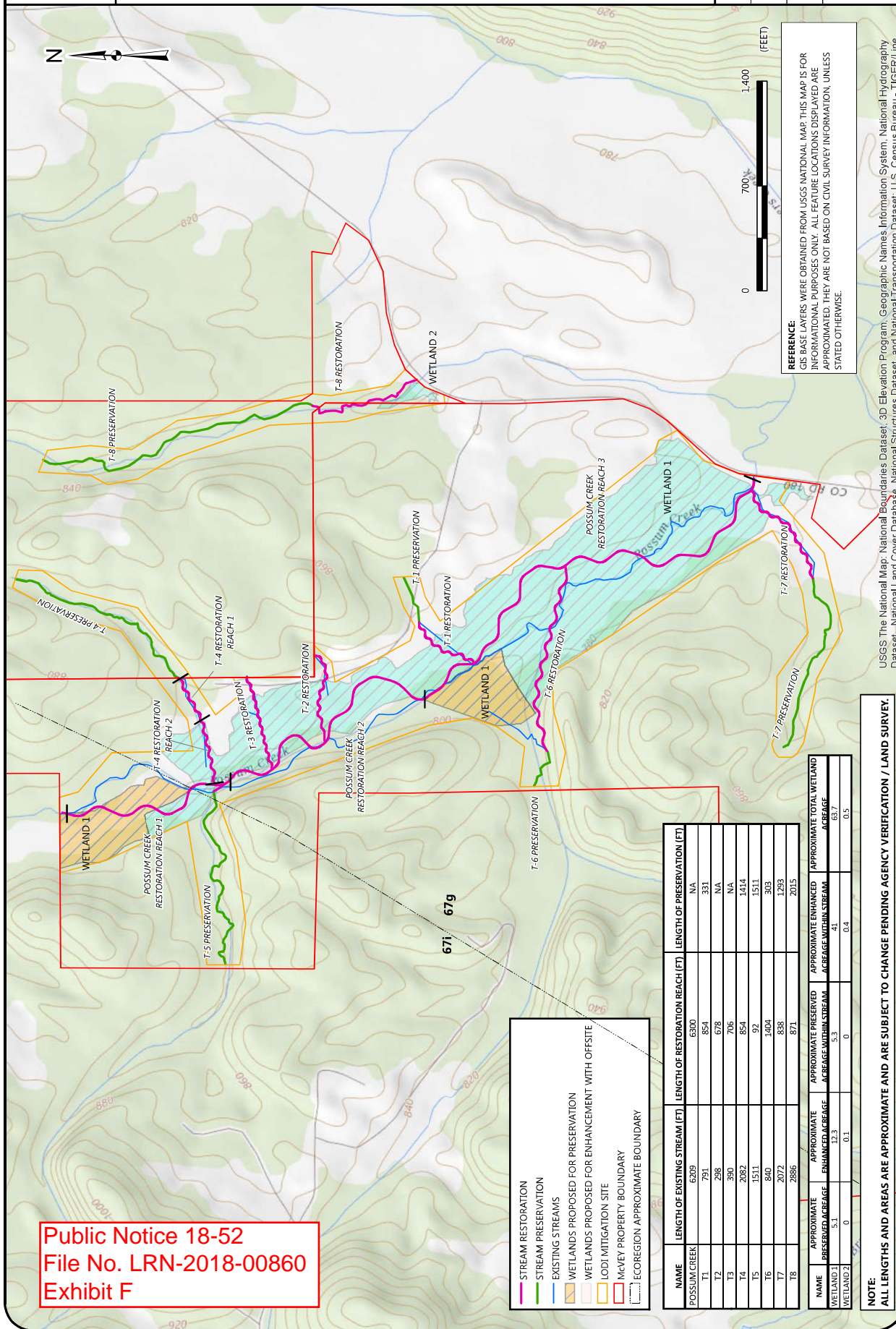
LODI STREAM MITIGATION SERVICE  
MCMINN COUNTY, TENNESSEE

SCALE:  
1" = 600'

DATE:  
10-31-18

PROJECT NUMBER:  
7243-18-004

FIGURE NO.  
6



Public Notice 18-52  
File No. LRN-2018-00860  
Exhibit F

NAME	LENGTH OF EXISTING STREAM (FT)	LENGTH OF RESTORATION REACH (FT)	LENGTH OF PRESERVATION (FT)
POSSUM CREEK	6300	6300	NA
T-1	791	854	331
T-2	298	678	NA
T-3	290	706	NA
T-4	282	854	1414
T-5	1511	92	1511
T-6	840	1404	303
T-7	2072	838	1293
T-8	2886	871	2015

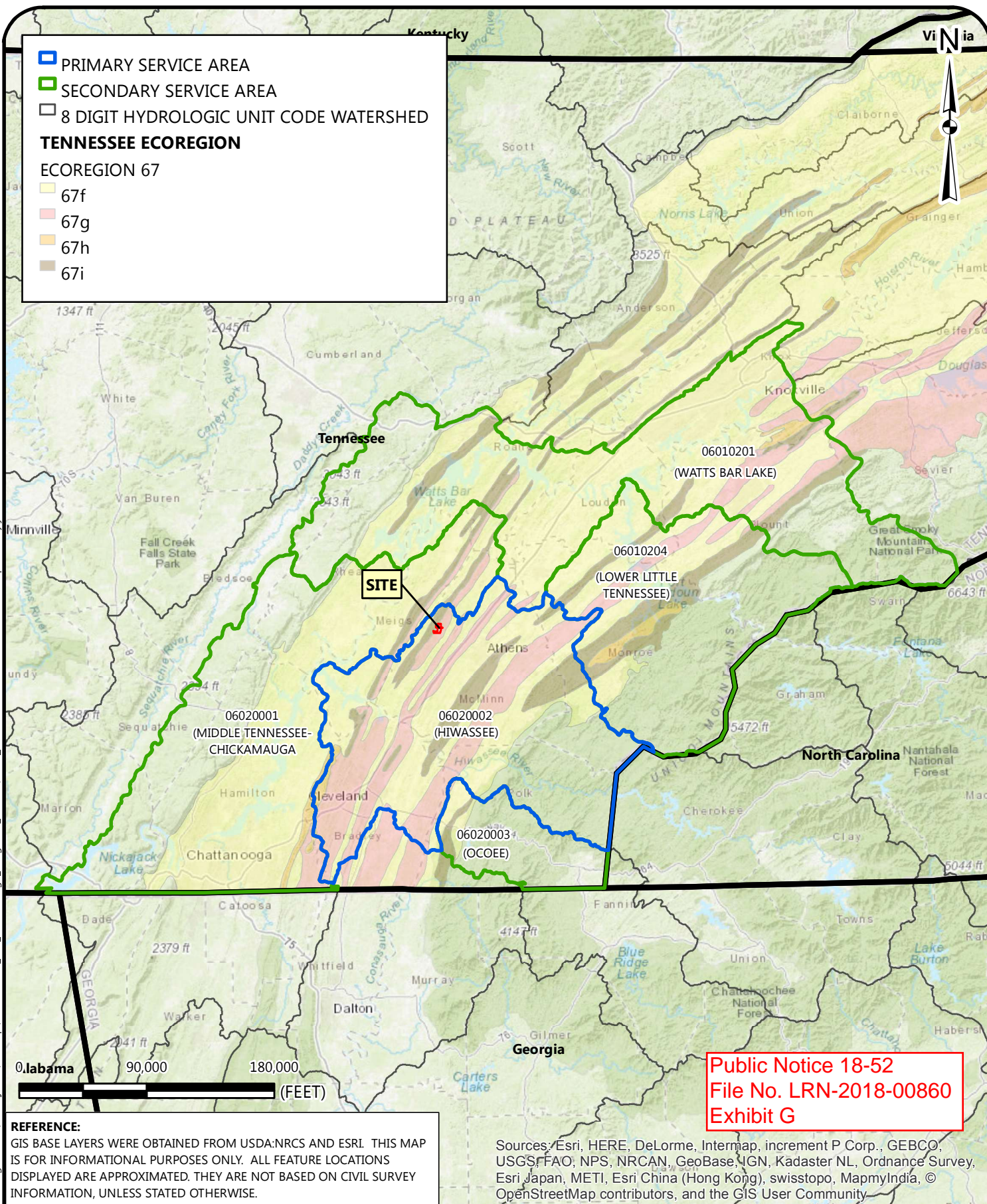
NAME	APPROXIMATE PRESERVED AREA (ACRE)	APPROXIMATE ENHANCED AREA (ACRE)	APPROXIMATE PRESERVED AREA WITHIN STREAM (ACRE)	APPROXIMATE ENHANCED AREA WITHIN STREAM (ACRE)	APPROXIMATE TOTAL WETLAND AREA (ACRE)
WETLAND 1	3.1	2.3	3.3	4.1	6.2
WETLAND 2	0	0.1	0	0.4	0.5

NOTE:  
ALL LENGTHS AND AREAS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE PENDING AGENCY VERIFICATION / LAND SURVEY.

USGS The National Map: National Boundaries Dataset, 3D Elevation Program: Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line



Drawing Path: C:\Users\jrowe\Desktop\7243-18-004\_RES Chattanooga\_Mitigation\_Service\FIG12\_ECOREGION SERVICE AREA MAP.mxd plotted by jrowe 10-26-2018



## SERVICE AREA AND ECOREGION MAP

LODI STREAM MITIGATION SERVICE  
MCMINN COUNTY, TENNESSEE

SCALE:  
1" = 90,000'  
DATE:  
10-26-18  
PROJECT NUMBER:  
7243-18-004

FIGURE NO.  
**12**