

E-3: Jurisdictional Determination Supplement Report



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June 22, 2017

Mr. Chandler Peter
Project Manager, Technical Specialist
Fort Worth District
U.S. Army Corps of Engineers
819 Taylor Street, Room 3A37
P.O. Box 17300
Fort Worth, Texas 76102-0300

Re: Supplemental Report in Support of Request for AJD for proposed Lake Ralph Hall project
North Sulphur River, Fannin County, Texas
Project Number SWF-2003-00336

Dear Mr. Peter:

As requested in your email dated April 17, 2017 and further discussed during the May 3, 2017 meeting, the Upper Trinity Regional Water District (UTRWD) has completed the additional work to support its March 29, 2017 request for an approved jurisdictional determination (AJD) for the proposed Lake Ralph Hall project. Accordingly, enclosed please find a Supplemental Report in support of this AJD request. This Report summarizes the extent of additional work conducted along with supporting field documentation, a comprehensive listing of all delineated aquatic resources, mapbooks of the delineated aquatic resources, wetland determination data forms, and photographs. As noted, this Supplemental Report is intended to clarify and further supplement UTRWD's request for an AJD.

We appreciate your effort to expedite review and final determination of this AJD request and your ongoing efforts to complete the Draft Environmental Impact Statement for the proposed Lake Ralph Hall project. If you have any questions regarding this submittal, please contact Larry Patterson at (972)-219-1228 or lpatterson@utrwd.com.

Sincerely,

Thomas E. Taylor
Executive Director



Mr. Chandler Peter
LRH – Supplemental Report in Support of Request for AJD
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**Enclosures: Supplemental Report in Support of Request for Approved Jurisdictional
Determination of Waters of the United States for the proposed Lake Ralph Hall
project, dated June 21, 2017**

cc: Larry N. Patterson, P.E. w/enclosures
Edward M. Motley, BCCE, P.E. w/enclosures
Lake Ralph Hall Project File



SUPPLEMENTAL REPORT IN SUPPORT OF REQUEST FOR APPROVED JURISDICTIONAL DETERMINATION OF WATERS OF THE UNITED STATES

Proposed Lake Ralph Hall

Fannin County, Texas

USACE Project No.: SWF-2003-00336

APPLICANT:

Upper Trinity Regional Water District



RECEIVED

JUN 22 REC'D

SCANNED



June 21, 2017

By _____

Prepared by:



**Supplemental Report in Support of Request
for Approved Jurisdictional Determination of Waters of the United States
for the Proposed Lake Ralph Hall, Fannin County, Texas
US Army Corps of Engineers Project No.: SWF-2003-00336**

1. Purpose

A letter, dated March 29, 2017, requesting an approved jurisdictional determination (AJD) for the portion of the proposed Lake Ralph Hall project site located in Fannin County, Texas was submitted by the Upper Trinity Regional Water District (UTRWD) to the U.S. Army Corps of Engineers (USACE). The purpose of this Supplemental Report is to respond to the USACE's request for additional information in support of UTRWD's request and to update and document the current conditions of aquatic resources within the proposed Lake Ralph Hall project area as well as to document aquatic resources within areas identified for potential mitigation. The previous documentation of aquatic resources was published in a Preliminary Jurisdictional Determination (PJD) report dated October 26, 2006.

Since the 2006 PJD report, the assessment area has experienced physical and administrative changes. These modifications include land use alterations by current land-owners; continued erosion and degradation of area streams; U.S. Army Corps of Engineer's guidance documents (subsequent to 2006); and design refinements associated with the dam/embankment structure, spillway system, intake structure and pump station, recent LIDAR data, and the addition of the mitigation assessment area.

The approximately 13,094-acre assessment area documented in this Supplemental Report includes:

- The 7,568-acre reservoir with a conservation pool set at elevation 551 feet above mean sea level;
- Embankment structure (dam);
- Spillway system;
- Intake structure and pump station;
- Project boundary representing +/- 560-feet elevation; and
- Area(s) identified as potential mitigation lands located downstream of dam to FM 904.

2. Methods

The 2006 PJD report utilized the following datasets:

- Aerial photographs flown 2003-2005
- US Geological Survey (USGS) topographic maps
 - Farmersville, Greenville NW, Celeste, Pike, Wolfe City, Gober, Ladonia, Honey Grove and Dodd city quadrangles
- Soil Survey Fannin County
- National Wetlands Inventory maps

- National Hydrography Dataset
- Field investigations conducted in 2005

For this Supplemental Report, the following datasets were utilized to identify and address modifications to the 2006 PJD report:

- Aerial photographs from 2014, 2015, and 2016
 - 2014 and 2016 Aerial photographs from the USDA Farm Service Agency's National Agricultural Inventory Program (1-meter resolution)
 - 2015 Texas Orthoimagery Project (0.5-meter resolution)
- Google Earth™ imagery from 1995, 2008, 2010, 2011, 2012, 2014, and 2015
 - Aquatic resource data converted to KMZ file structure for review in Google Earth

The higher resolution aerial photographs from 2014-2016 compared to those used in the 2006 PJD report facilitated in refinements of the previously identified (delineated) aquatic resources as well as identification in modifications to aquatic resources within the project area (erosional features, impoundments, etc.). These refinements to the delineated aquatic resources were performed as a “desktop” evaluation.

To ground-truth observations from the desktop evaluation, field investigations were performed May 30 through June 2, 2017 to assess a representative sample area of portions of the 13,094-acre assessment area. These “on the ground” assessments aided in verification of identified aquatic resources from the desktop evaluation as well as to map the limits of potential waters of the U.S.¹ identified both from the desktop evaluation and in the field. As an example, 14 of the 47 mapped on-channel ponds within the assessment area representing approximately 29.7 percent were investigated in the field. Lacustrine “fringe” wetland areas associated with the 14 on-channel ponds assessed in the field were observed and recorded in the field. The lacustrine wetlands, predominantly herbaceous emergent wetlands, represented approximately 3.4 acres of the 23.8 acres of the 14 on-channel ponds assessed or approximately 14.3 percent of the assessed on-channel pond acreage. This percentage of fringe wetlands was used to estimate the lacustrine wetland area associated with the total delineated area of on-channel impoundments within the assessment area that would be considered as hydraulically and hydrologically connected to waters of the U.S.

To refine mapping, waypoints recorded during the 2017 field investigation were cross-referenced with topographic maps (both LIDAR generated and USGS topographic maps) and aerial photographs to accurately determine the limits of waters of the U.S. within specific areas assessed for this Supplemental Report. In order to quantify the entire footprint for the proposed reservoir, Geographic Information System (GIS) technologies, specifically ESRI's ARCGIS 10.2, were used to identify various spectral signatures associated with the 2014, 2015, and 2016 aerial photographs. The signatures from the verified aquatic resources were then cross-reference to comparable resources within inaccessible tracts to determine the limits of the

¹ Aquatic resources were recorded using a Garmin GPSMAP 78s with sub-3 meter accuracy; field tested to 5 feet accuracy.

aquatic resources for the entirety of the 13,094-acre assessment area; thereby, delineating the limits of aquatic resources for the entire Supplemental Report assessment area.

3. Results

As documented in the 2006 PJD report, historical channelization of the North Sulphur River and major tributaries has resulted in excessive erosion within the entirety of the North Sulphur River watershed. The consequence of this channelization is greatly enlarged channels with capacities to contain and convey greater than the 100-year flood flows. Accordingly, the stream channels within the 13,094 assessment area, to include the North Sulphur River, do not exhibit a floodplain – the stream channels do not overbank even in the most severe rain events. Therefore, wetland areas identified within the 13,094-acre assessment area, except for fringe lacustrine wetlands associated with on-channel impoundments, are not hydraulically or hydrologically connected to any stream channels. Approximately 3.8 acres of isolated forested wetlands were identified within the Supplemental Report assessment area. However, these wetlands do not contribute to the chemical, physical, and biological integrity of waters of the U.S. Consequently, the wetlands identified within the 13,094-acre assessment area, aside from those associated with on-channel lacustrine fringe wetlands, should be considered “isolated” and not subject to Section 404 of the Clean Water Act. The following tables summarize the delineated aquatic resources observed within the 13,094-acre assessment area.

Table 1: Summary of Delineated Stream Channels Within Assessment Area

Within Conservation Pool, Embankment, Spillway of Lake Ralph Hall		
Category	Description	Linear Feet
Stream Channel	Ephemeral 0.5 - 2.0' wide North Side	26,835
Stream Channel	Ephemeral 2.5 - 5.0' wide - North Side	88,309
Stream Channel	Ephemeral 6 - 15' wide - North Side	55,023
Stream Channel	Ephemeral 16 - 25' wide - North Side	3,949
Stream Channel	Ephemeral >25' wide - North Side	78,764
Stream Channel	Ephemeral 0.5 - 2.0' wide South Side	19,769
Stream Channel	Ephemeral 2.5 - 5.0' wide - South Side	66,967
Stream Channel	Ephemeral 6 - 15' wide - South Side	92,155
Stream Channel	Ephemeral 16 - 25' wide - South Side	5,321
Stream Channel	Ephemeral >25' wide - South Side	8,396
Stream Channel	Intermittent - North Sulphur River @ SH34	55,570
Sub-Total Channels		501,058

Outside Conservation Pool, Embankment, Spillway but within Assessment Area		
Category	Description	Linear Feet
Stream Channel	Ephemeral 0.5 - 2.0' wide North Side	11,513
Stream Channel	Ephemeral 0.5 - 2.0' wide North Side - Baker Creek Tribs	2,639
Stream Channel	Ephemeral 2.5 - 5.0' wide - North Side	22,872
Stream Channel	Ephemeral 2.5 - 5.0' wide - North side - Baker Creek Tribs	5,171
Stream Channel	Ephemeral 6 - 15' wide - North Side	13,037
Stream Channel	Ephemeral 16 - 25' wide - North Side	2,463
Stream Channel	Ephemeral >25' wide - North Side	11,897
Stream Channel	Ephemeral 0.5 - 2.0' wide South Side	22,690
Stream Channel	Ephemeral 2.5 - 5.0' wide - South Side	49,968
Stream Channel	Ephemeral 6 - 15' wide - South Side	37,535
Stream Channel	Ephemeral 16 - 25' wide - South Side	0
Stream Channel	Ephemeral >25' wide - South Side	0
Stream Channel	Intermittent - North Sulphur River - downstream of dam (FM 904)	6,387
Stream Channel	Intermittent - North Sulphur River - upstream of pool (FM 38)	3,689
Sub-Total Channels		189,860

Total Channels		690,918
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TABLE 2: ON-CHANNEL PONDS (OCPs) SUMMARY

	ACRES	NUMBER	LOCATION
SUBTOTAL	56.19	33	CONSERVATION POOL (CP), DAM, SPILLWAY
SUBTOTAL	13.69	14	OUTSIDE CP, DAM, SPILLWAY
TOTAL	69.89	47	WITHIN ASSESSMENT AREA

Range in size from 0.04 acre to 23.8 acres

SIZE BREAKDOWN	
Small Ponds (≤ 1 acre):	32
Ponds (>1 acre but ≤ 5 acres):	13
Lakes (>5 acres but ≤500 acres):	2

Total # Within Assessment Area	Total # Assessed	Percentage of Total Assessed	Total Acreage of OCPs within Assessment Area	Total Acreage Assessed	Percentage of Total Acreage Assessed
47	14	29.7	69.9	23.8	34.0
Total # Within Conservation Pool/Dam/Spill way Area	# Assessed	Percentage of # Within Conservation Pool/Dam/Spill way Area Assessed	Total Acreage of OCPs within Conservation Pool/Dam/Spill way Area	Acreage of OCPs Assessed within Conservation Pool/Dam/Spill way Area	Percentage of Acreage within Conservation Pool/Dam/Spill way Area Assessed
33	13	39.4	56.2	21.4	38.1

Calculated Area of Lacustrine Fringe Wetlands

3.4 acres identified for 23.8 acres of 14 on-channel ponds field assessed = 14.3 percent
 14.3 percent of 69.9 acres of 47 on-channel ponds within assessment area = 10 acres

TABLE 3: UPLAND PONDS (UPs) SUMMARY

	ACRES	NUMBER	LOCATION
SUBTOTAL	52.37	115	CONSERVATION POOL/DAM/SPILLWAY
SUBTOTAL	30.63	97	OUTSIDE CP/DAM/SPILLWAY
TOTAL	83.00	212	WITHIN ASSESSMENT AREA

Range in size from 0.02 acre to 3.26 acres

SIZE BREAKDOWN	
Small Ponds (< 1 acre):	194
Ponds (>1 acre but < 5 acres):	18
Lakes (>5 acres but <500 acres):	0

TABLE 3: UPLAND PONDS SUMMARY (CONT.)

Total # Within Assessment Area	Total # Assessed	Percentage of Total Assessed	Total Acreage of UPs within Assessment Area	Total Acreage Assessed	Percentage of Total Acreage Assessed
212	20	9.4	83.0	23.2	28

Total # Within Conservation Pool/Dam/Spill way Area	# Assessed	Percentage of # Within Conservation Pool/Dam/Spill way Area Assessed	Total Acreage of UPs within Conservation Pool/Dam/Spill way Area	Acreage of UPs Assessed within Conservation Pool/Dam/Spill way Area	Percentage of Acreage within Conservation Pool/Dam/Spill way Area Assessed
115	10	8.7	52.4	13.2	25.2

A comprehensive summary of all delineated aquatic resources within the 13,094-acre assessment area is provided in Appendix A. Within Appendix A, summary tables detail the following aquatic resources:

- Streams
- Open waters
 - On-channel impoundments
 - Upland, isolated ponds²
- Isolated forested wetlands

Mapbooks of the delineated aquatic resources are included in Appendix B. The mapbooks detail the following aquatic resources delineated within the 13,094-acre assessment area:

- Overall Aquatic Resources Delineated
- Delineated Streams
- Delineated Open Waters
 - On-channel impoundments
 - Upland, isolated ponds
- Delineated Isolated Forested Wetlands

Wetland determination data forms for delineated but isolated aquatic resources are included in Appendix C with a mapbook showing the location of the wetland determination sampling points. Photographs of the resources recorded along the numerous sampling locations are included with the data forms. Finally, additional photographs from the 2017 on-site investigation of the open water aquatic resources within the 13,094-acre assessment area are provided in Appendix D.

² Ponds or open waters typically used for livestock.

APPENDIX A
AQUATIC RESOURCE SUMMARY TABLES

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
NSR	135.0	NORTH SULPHUR RIVER	>25'	Intermittent	CONSERVATION POOL, DAM, SPILLWAY	12,727
NSR	65.0	NORTH SULPHUR RIVER	>25'	Intermittent	OUTSIDE CP, DAM, SPILLWAY	3,689
NSR	150.0	NORTH SULPHUR RIVER	>25'	Intermittent	OUTSIDE CP, DAM, SPILLWAY	6,387
NSR	150.0	NORTH SULPHUR RIVER	>25'	Intermittent	CONSERVATION POOL, DAM, SPILLWAY	692
NSR	65.0	NORTH SULPHUR RIVER	>25'	Intermittent	CONSERVATION POOL, DAM, SPILLWAY	5,089
NSR	85.0	NORTH SULPHUR RIVER	>25'	Intermittent	CONSERVATION POOL, DAM, SPILLWAY	7,330
NSR	85.0	NORTH SULPHUR RIVER	>25'	Intermittent	CONSERVATION POOL, DAM, SPILLWAY	14,183
NSR	100.0	NORTH SULPHUR RIVER	>25'	Intermittent	CONSERVATION POOL, DAM, SPILLWAY	12,880
NSR	150.0	NORTH SULPHUR RIVER	>25'	Intermittent	CONSERVATION POOL, DAM, SPILLWAY	2,668
N1	85.0	STREAM N1 - MERRILL CREEK	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	24,057
N1	50.0	STREAM N1 - MERRILL CREEK	>25'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	521
N1-TRIB1	4.0	TRIBUTARY 1 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,171
N1-TRIB1	4.0	TRIBUTARY 1 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	514
N1-TRIB1	4.0	TRIBUTARY 1 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	878
N1-TRIB10	2.0	TRIBUTARY 10 TO MERRILL CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	782
N1-TRIB10	1.0	TRIBUTARY 10 TO MERRILL CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	171
N1-TRIB11	5.0	TRIBUTARY 11 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,020
N1-TRIB11-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	850
N1-TRIB12	3.5	TRIBUTARY 12 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,503
N1-TRIB12	2.0	TRIBUTARY 12 TO MERRILL CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	103
N1-TRIB13	2.0	TRIBUTARY 13 TO MERRILL CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,826
N1-TRIB13	2.0	TRIBUTARY 13 TO MERRILL CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	85
N1-TRIB13	5.0	TRIBUTARY 13 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	758
N1-TRIB14	5.0	TRIBUTARY 14 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,797
N1-TRIB14	3.0	TRIBUTARY 14 TO MERRILL CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	362
N1-TRIB14-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	202
N1-TRIB14-A1	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	246
N1-TRIB15	15.0	TRIBUTARY 15 TO MERRILL CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,412
N1-TRIB15	11.0	TRIBUTARY 15 TO MERRILL CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	919
N1-TRIB15-A1	8.0	SECONDARY TRIBUTARY	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	909
N1-TRIB15-A2	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	437
N1-TRIB15-A3	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	215
N1-TRIB15-A4	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	172

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
N1-TRIB15-A5	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	294
N1-TRIB15-A6	6.0	SECONDARY TRIBUTARY	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	507
N1-TRIB15-A6	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	137
N1-TRIB16	15.0	TRIBUTARY 15 TO MERRILL CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,380
N1-TRIB16-A1	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	173
N1-TRIB16-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	556
N1-TRIB16-A2	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	541
N1-TRIB16-A2	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	209
N1-TRIB16-A3	6.0	SECONDARY TRIBUTARY	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	572
N1-TRIB16-A3	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	756
N1-TRIB17	4.0	TRIBUTARY 17 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	906
N1-TRIB17	3.0	TRIBUTARY 17 TO MERRILL CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,325
N1-TRIB17-A1	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	273
N1-TRIB18	4.0	TRIBUTARY 18 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	242
N1-TRIB19	6.0	TRIBUTARY 19 TO MERRILL CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	518
N1-TRIB19	5.0	TRIBUTARY 19 TO MERRILL CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,379
N1-TRIB19-A1	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	281
N1-TRIB1-A1	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,519
N1-TRIB1-A1	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	629
N1-TRIB1-A2	2.5	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	346
N1-TRIB1-A4	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	126
N1-TRIB2	1.5	TRIBUTARY 2 TO MERRILL CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	793
N1-TRIB20	4.0	TRIBUTARY 20 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	56
N1-TRIB20	2.0	TRIBUTARY 20 TO MERRILL CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	144
N1-TRIB21	10.0	TRIBUTARY 21 TO MERRILL CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	207
N1-TRIB21	8.0	TRIBUTARY 21 TO MERRILL CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	698
N1-TRIB3	5.0	TRIBUTARY 3 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,965
N1-TRIB3	5.0	TRIBUTARY 3 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	521
N1-TRIB3	1.0	TRIBUTARY 3 TO MERRILL CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	390
N1-TRIB4	1.5	TRIBUTARY 4 TO MERRILL CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,361
N1-TRIB4	1.5	TRIBUTARY 4 TO MERRILL CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	639
N1-TRIB5	1.0	TRIBUTARY 5 TO MERRILL CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	667
N1-TRIB6	4.0	TRIBUTARY 6 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,393

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
N1-TRIB6	6.0	TRIBUTARY 6 TO MERRILL CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,365
N1-TRIB6	2.0	TRIBUTARY 6 TO MERRILL CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	367
N1-TRIB6	2.0	TRIBUTARY 9 TO MERRILL CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	86
N1-TRIB6-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	443
N1-TRIB6-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	487
N1-TRIB6-A2	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,999
N1-TRIB6-A3	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	866
N1-TRIB7	4.0	TRIBUTARY 7 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,532
N1-TRIB7-A1	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,059
N1-TRIB8	1.0	TRIBUTARY 8 TO MERRILL CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	356
N1-TRIB9	11.0	TRIBUTARY 9 TO MERRILL CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,053
N1-TRIB9	3.0	TRIBUTARY 9 TO MERRILL CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	4,486
N1-TRIB9	3.0	TRIBUTARY 9 TO MERRILL CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,253
N1-TRIB9-A1	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,250
N1-TRIB9-A1	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	415
N1-TRIB9-A2	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	973
N1-TRIB9-A3	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	502
N1-TRIB9-A4	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	462
N1-TRIB9-A5	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	304
N1-TRIB9-A6	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	289
N1-TRIB9-A6	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	264
N2	4.0	STREAM N2 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	199
N2	4.0	STREAM N2 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	442
N3	6.0	STREAM N3 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	924
N4	2.5	STREAM N4 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,676
N4	2.5	STREAM N4 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,030
N4	2.5	STREAM N4 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,207
N5	2.5	STREAM N5 - FMR NSR	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,840
N6	3.0	STREAM N6 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	939
N6	8.0	STREAM N6 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	5,427
N6	3.0	STREAM N6 - UNNAMED	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,851
N6	15.0	STREAM N6 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,255
N6	15.0	STREAM N6 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,021

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
N6	5.0	STREAM N6 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,152
N6-TRIB1	4.0	TRIBUTARY 1 TO STREAM N6	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,594
N6-TRIB1	2.0	TRIBUTARY 1 TO STREAM N6	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,180
N6-TRIB1	2.0	TRIBUTARY 1 TO STREAM N6	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	481
N6-TRIB1	2.0	TRIBUTARY 1 TO STREAM N6	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	945
N6-TRIB1	8.0	TRIBUTARY 1 TO STREAM N6	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,356
N6-TRIB1-A1	2.0	TRIB A1 TO TRIB 1 OF N6	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	137
N6-TRIB1-A3	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,015
N6-TRIB2	2.0	TRIBUTARY 2 TO STREAM N6	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,188
N6-TRIB2	2.0	TRIBUTARY 2 TO STREAM N6	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	441
N6-TRIB3	2.0	TRIBUTARY 3 TO STREAM N6	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	891
N6-TRIB4	1.0	TRIBUTARY 4 TO STREAM N6	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	581
N6-TRIB4	1.0	TRIBUTARY 4 TO STREAM N6	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	519
N6-TRIB5	2.0	TRIBUTARY 5 TO STREAM N6	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	550
N6-TRIB5	2.5	TRIBUTARY 5 TO STREAM N6	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	358
N6-TRIB5-A1	1.0	TRIB A1 TO TRIB 5 OF S-N6	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	205
N7	6.0	STREAM N7 - FMR BRALLEY POOL	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,859
N7-TRIB1	1.5	TRIBUTARY 1 TO STREAM N7	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	512
N8	80.0	STREAM N8 - BRALLEY POOL	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	18,514
N8	50.0	STREAM N8 - BRALLEY POOL	>25'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,250
N8-TRIB1	2.0	TRIBUTARY 1 TO BRALLEY POOL	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	485
N8-TRIB1	8.0	TRIBUTARY 1 TO BRALLEY POOL	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	448
N8-TRIB1	5.0	TRIBUTARY 1 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	446
N8-TRIB10	2.0	TRIBUTARY 10 TO BRALLEY POOL	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	454
N8-TRIB10	2.0	TRIBUTARY 10 TO BRALLEY POOL	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	650
N8-TRIB10-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	396
N8-TRIB11	2.0	TRIBUTARY 11 TO BRALLEY POOL	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	123
N8-TRIB2	6.0	TRIBUTARY 2 TO BRALLEY POOL	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,043
N8-TRIB2	3.0	TRIBUTARY 2 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	812
N8-TRIB3	5.0	TRIBUTARY 3 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,450
N8-TRIB3	5.0	TRIBUTARY 3 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	137
N8-TRIB3	5.0	TRIBUTARY 3 TO BRALLEY POOL	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	189
N8-TRIB4	5.0	TRIBUTARY 8 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	351

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
N8-TRIB5	4.0	TRIBUTARY 5 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,659
N8-TRIB5	4.0	TRIBUTARY 5 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	812
N8-TRIB5	4.0	TRIBUTARY 5 TO BRALLEY POOL	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	753
N8-TRIB5-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	423
N8-TRIB6	5.0	TRIBUTARY 6 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,509
N8-TRIB6	3.0	TRIBUTARY 6 TO BRALLEY POOL	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	269
N8-TRIB7	2.0	TRIBUTARY 7 TO BRALLEY POOL	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	557
N8-TRIB8	5.0	TRIBUTARY 8 TO BRALLEY POOL	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	297
N8-TRIB8	5.0	TRIBUTARY 8 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	140
N8-TRIB9	4.0	TRIBUTARY 9 TO BRALLEY POOL	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	935
N10	5.0	STREAM N10 - LEGGETS BRANCH	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	5,632
N10	5.0	STREAM N10 - LEGGETS BRANCH	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,754
N10	12.0	STREAM N10 - LEGGETS BRANCH	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,797
N10-TRIB1	3.0	TRIBUTARY 1 TO LEGGETS BRANCH	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,100
N10-TRIB1	3.0	TRIBUTARY 1 TO LEGGETS BRANCH	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	535
N10-TRIB2	5.0	TRIBUTARY 2 TO LEGGETS BRANCH	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,545
N10-TRIB2	5.0	TRIBUTARY 2 TO LEGGETS BRANCH	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	431
N10-TRIB3	3.0	TRIBUTARY 3 TO LEGGETS BRANCH	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	934
N11	5.0	STREAM N11 - FMR DAVIS CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,470
N12	15.0	STREAM N12 - DAVIS CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	10,152
N12	15.0	STREAM N12 - DAVIS CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,079
N12	65.0	STREAM N12 - DAVIS CREEK	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	5,435
N12-TRIB1	3.0	TRIBUTARY 1 TO DAVIS CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	680
N12-TRIB2	3.0	TRIBUTARY 2 TO DAVIS CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,403
N12-TRIB2	2.0	TRIBUTARY 2 TO DAVIS CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	992
N12-TRIB3	3.0	TRIBUTARY 3 TO DAVIS CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	599
N12-TRIB3	1.5	TRIBUTARY 3 TO DAVIS CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	759
N12-TRIB4	2.0	TRIBUTARY 4 TO DAVIS CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	717
N12-TRIB5	3.0	TRIBUTARY 5 TO DAVIS CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	206
N12-TRIB5	5.0	TRIBUTARY 5 TO DAVIS CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	612
N12-TRIB6	1.0	TRIBUTARY 6 TO DAVIS CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	165
N12-TRIB7	3.0	TRIBUTARY 7 TO DAVIS CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	457
N12-TRIB7	3.0	TRIBUTARY 7 TO DAVIS CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	139

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
N12-TRIB8	15.0	TRIBUTARY 8 TO DAVIS CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,350
N12-TRIB8	15.0	TRIBUTARY 8 TO DAVIS CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,575
N12-TRIB8-A1	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	169
N12-TRIB8-A1	5.0	TRIBUTARY 8 TO DAVIS CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	506
N12-TRIB9	5.0	TRIBUTARY 9 TO DAVIS CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	193
N13	5.0	STREAM N13 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,840
N13-TRIB1	0.5	TRIBUTARY 1 TO STREAM 13	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	456
N14	5.0	STREAM N14 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,578
N15	40.0	STREAM N15 - PICKLE CREEK	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	12,176
N15	15.0	STREAM N15 - PICKLE CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,925
N15	25.0	STREAM N15 - PICKLE CREEK	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,324
N15-TRIB1	5.0	TRIBUTARY 1 TO PICKLE CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,861
N15-TRIB1	2.0	TRIBUTARY 1 TO PICKLE CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,007
N15-TRIB1	4.0	TRIBUTARY 1 TO PICKLE CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,154
N15-TRIB1	2.0	TRIBUTARY 1 TO PICKLE CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,689
N15-TRIB1-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,623
N15-TRIB1-A2	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,244
N15-TRIB2	3.0	TRIBUTARY 2 TO PICKLE CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	849
N15-TRIB2	3.0	TRIBUTARY 2 TO PICKLE CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	594
N15-TRIB3	2.0	TRIBUTARY 3 TO PICKLE CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	46
N15-TRIB3	2.0	TRIBUTARY 3 TO PICKLE CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,304
N15-TRIB4	6.0	TRIBUTARY 4 TO PICKLE CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	769
N15-TRIB4-A1	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	390
N16	9.0	STREAM N16 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,408
N17	5.0	STREAM N17 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	176
N17	5.0	STREAM N17 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	915
N17	5.0	STREAM N17 - UNNAMED	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,037
N17-TRIB1	1.0	TRIBUTARY 1 TO N17	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	226
N18-TRIB3	2.0	TRIBUTARY 3 TO BRUSHY CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	298
N18	95.0	STREAM N18 - BRUSHY CREEK	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	9,474
N18	35.0	STREAM N18 - BRUSHY CREEK	>25'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	3,574
N18	40.0	STREAM N18 - BRUSHY CREEK	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,612
N18-TRIB1	0.5	TRIBUTARY 1 TO BRUSHY CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	452

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
N18-TRIB2	1.0	TRIBUTARY 2 TO BRUSHY CREEK	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,501
N18-TRIB2-A1	0.5	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	272
N18-TRIB4	3.0	TRIBUTARY 4 TO BRUSHY CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,222
N18-TRIB5	55.0	N18-TRIB5 - POT CREEK	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,614
N18-TRIB5	40.0	N18-TRIB5 - POT CREEK	>25'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,855
N18-TRIB5-A1	5.0	TRIBUTARY 1 TO POT CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,146
N18-TRIB5-A1	6.0	TRIBUTARY 1 TO POT CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,280
N18-TRIB6	2.0	TRIBUTARY 6 TO POT CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	272
N18-TRIB7	4.0	TRIBUTARY 7 TO POT CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	97
N19	3.5	STREAM N19 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	918
N20	15.0	STREAM N20 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,042
N20	5.0	STREAM N20 - FMR NSR	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,830
N20	8.0	STREAM N20 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,042
N20-TRIB1	3.0	TRIBUTARY 1 TO STREAM N20	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,288
N20-TRIB1	5.0	TRIBUTARY 1 TO STREAM N20	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,182
N20-TRIB1-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	166
N21	8.0	STREAM N21 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,300
N21	8.0	STREAM N21 - FMR NSR	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	801
N22	25.0	STREAM N22 - BEAR CREEK	16-25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,949
N22	25.0	STREAM N22 - BEAR CREEK	16-25'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,463
N22-TRIB1	3.0	TRIBUTARY 1 TO BEAR CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	182
N22-TRIB1	2.0	TRIBUTARY 1 TO BEAR CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	608
N22-TRIB2	7.0	TRIBUTARY 2 TO BEAR CREEK	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,676
N22-TRIB2	6.0	TRIBUTARY 2 TO BEAR CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,726
N22-TRIB3	5.0	TRIBUTARY 3 TO BEAR CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	226
N23	45.0	STREAM N23 - ALLEN CREEK	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,557
N23	45.0	STREAM N23 - ALLEN CREEK	>25'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,697
N24	10.0	STREAM N24 - UNNAMED	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	266
S1	15.0	STREAM S1 - FMR NSR	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,483
S1	15.0	STREAM S1 - FMR BAKER CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,448
S1-TRIB1	4.0	TRIBUTARY 1 TO STREAM S1	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,768
S2	15.0	STREAM S2 - FRM NSR	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,166
S2	15.0	STREAM S2 - FRM NSR	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	3,955

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
S2-TRIB1	6.0	TRIBUTARY 1 TO S2	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	5,676
S2-TRIB1	6.0	TRIBUTARY 1 TO S2	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,642
S2-TRIB1	15.0	TRIBUTARY 1 TO S2 (FMR NSR)	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,163
S2-TRIB1-A1	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,833
S2-TRIB1-A2	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,261
S2-TRIB1-A3	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,848
S2-TRIB1-A4	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	967
S2-TRIB1-A5	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	384
S2-TRIB1-A6	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	158
S2-TRIB2	5.0	TRIBUTARY 2 TO S2	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	8,398
S2-TRIB2-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	702
S2-TRIB2-A2	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	671
S2-TRIB2-A3	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,574
S2-TRIB2-A4	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	747
S2-TRIB3	10.0	TRIBUTARY 3 TO S2	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	10,645
S2-TRIB3	10.0	TRIBUTARY 3 TO S2	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	172
S2-TRIB3-A1	8.0	SECONDARY TRIB (FMR NSR)	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	247
S2-TRIB3-A10	2.5	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	10,645
S2-TRIB3-A2	6.0	SECONDARY TRIB (FMR NSR)	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	598
S2-TRIB3-A3	8.0	SECONDARY TRIB (FMR NSR)	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	210
S2-TRIB3-A4	10.0	HEDRICK BRANCH- S2-TRIB3-A4	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	7,884
S2-TRIB3-A4	6.0	HEDRICK BRANCH- S2-TRIB3-A4	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	532
S2-TRIB3-A4	2.0	HEDRICK BRANCH	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,163
S2-TRIB3-A4	2.0	HEDRICK BRANCH	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	461
S2-TRIB3-A4-TribA	2.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,202
S2-TRIB3-A4-TribA	1.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	99
S2-TRIB3-A4-TribB	2.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	355
S2-TRIB3-A4-TribB	1.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	210
S2-TRIB3-A4-TribB	1.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	334
S2-TRIB3-A4-TribC	3.0	TRIBUTARY TO HEDRICK BRANCH	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	446
S2-TRIB3-A4-TribC	2.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	240
S2-TRIB3-A4-TribD	2.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	116
S2-TRIB3-A4-TribD	2.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	292

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
S2-TRIB3-A4-TribE	2.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	401
S2-TRIB3-A4-TribE	2.0	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	112
S2-TRIB3-A5	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	4,152
S2-TRIB3-A5-TribA	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	574
S2-TRIB3-A5-TribB	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	697
S2-TRIB3-a6	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,209
S2-TRIB3-A7	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,280
S2-TRIB3-A8	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	762
S2-TRIB3-A9	0.5	TRIBUTARY TO HEDRICK BRANCH	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	58
S2-TRIB3-A9	2.5	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	367
S4	5.0	STREAM S4 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	5,497
S4	2.5	STREAM S4 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	326
S4	2.0	STREAM S4 - UNNAMED	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	589
S4	10.0	STREAM S4 - FRM NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,665
S4-TRIB1	10.0	TRIBUTARY 1 TO S4 (FMR NSR)	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,853
S4-TRIB2	6.0	TRIBUTARY 2 TO S4	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,403
S4-TRIB3	4.0	TRIBUTARY 3 TO S4	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,078
S4-TRIB3	3.0	TRIBUTARY 3 TO S4	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,496
S4-TRIB3	2.0	TRIBUTARY 3 TO S4	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	359
S4-TRIB4	2.0	TRIBUTARY 4 TO S4	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	601
S5	2.0	STREAM S5 - FMR NSR	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	864
S6	6.0	STREAM S6 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,262
S7	6.0	STREAM S7 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	656
S8	15.0	STREAM S8 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,970
S8	3.0	STREAM S8 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,457
S8	2.0	STREAM S8 - UNNAMED	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	515
S8	5.0	STREAM S8 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,139
S8-TRIB1	2.5	TRIBUTARY 1 TO S8	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,106
S8-TRIB1	2.5	TRIBUTARY 1 TO S8	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	121
S8-TRIB2	2.0	TRIBUTARY 2 TO S8	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	602
S8-TRIB3	2.0	TRIBUTARY 3 TO S8	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	170
S8-TRIB3	2.0	TRIBUTARY 3 TO S8	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	501
S8-TRIB4	2.0	TRIBUTARY 4 TO S8	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	830

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
S8-TRIB4	2.0	TRIBUTARY 4 TO S8	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	307
S8-TRIB4-A1	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	161
S8-TRIB4-A1	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	123
S8-TRIB4-A2	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	288
S8-TRIB5	2.0	TRIBUTARY 5 TO S8	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	922
S8-TRIB6	0.5	TRIBUTARY 6 TO S8	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	214
S8-TRIB6	0.5	TRIBUTARY 6 TO S8	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	132
S8-TRIB7	2.0	TRIBUTARY 8 TO S8	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	348
S8-TRIB7	2.0	TRIBUTARY 8 TO S8	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	356
S9	15.0	STREAM 9 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	5,197
S9	5.0	STREAM 9 - UNNAMED	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,085
S9	5.0	STREAM 9 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,034
S9-TRIB1	2.0	TRIBUTARY 1 TO S9	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	309
S10	11.0	STREAM S10 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	6,658
S10-TRIB1	5.0	TRIBUTARY 1 TO S10	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	7,271
S10-TRIB1	5.0	TRIBUTARY 1 TO S10	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	899
S10-TRIB1-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	890
S10-TRIB1-A1	0.5	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	421
S10-TRIB1-A2	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	359
S10-TRIB1-A2	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,150
S10-TRIB2	1.5	TRIBUTARY 2 TO S10	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,705
S11	6.0	STREAM S11 - FMR BRALLEY POOL	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	345
S12	11.0	STREAM S12 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	6,304
S12	5.0	STREAM S12 - UNNAMED	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,801
S12	5.0	STREAM S12 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	6,304
S12	8.0	STREAM S12 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	6,304
S12-TRIB1	6.0	TRIBUTARY 1 TO S12	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	599
S12-TRIB2	11.0	TRIBUTARY 2 TO S12- FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	919
S12-TRIB3	3.0	TRIBUTARY 3 TO S12	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,285
S12-TRIB3-A1	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	388
S12-TRIB3-A2	0.5	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	249
S12-TRIB4	5.0	TRIBUTARY 4 TO S12	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,698
S12-TRIB4	2.0	TRIBUTARY 4 TO S12	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	540

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
S12-TRIB5	0.5	TRIBUTARY 5 TO S12	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	920
S12-TRIB5	0.5	TRIBUTARY 5 TO S12	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	780
S12-TRIB5-A1	0.5	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	213
S12-TRIB6	0.5	TRIBUTARY 6 TO S12	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	415
S12-TRIB6	0.5	TRIBUTARY 6 TO S12	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	619
S12-TRIB7	2.5	TRIBUTARY 7 TO S12	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	938
S12-TRIB7-A1	0.5	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,042
S12-TRIB7-A2	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	253
S12-TRIB7-A3	0.5	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	156
S13	5.0	STREAM S13 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	750
S14	10.0	STREAM S14 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,629
S14-TRIB1	8.0	TRIB 1 TO S14- FMR LEGGETS BR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,336
S15	10.0	STREAM S15 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	7,294
S15-TRIB1	5.0	TRIBUTARY 1 TO S15	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	5,502
S15-TRIB1	2.0	TRIBUTARY 1 TO S15	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	175
S15-TRIB1	2.0	TRIBUTARY 1 TO S15	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	83
S15-TRIB1	2.0	TRIBUTARY 1 TO S15	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	676
S15-TRIB1-A1	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,790
S15-TRIB1-A1	2.5	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,346
S15-TRIB2	4.0	TRIBUTARY 2 TO S15	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,010
S15-TRIB2	6.0	TRIBUTARY 2 TO S15	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	896
S15-TRIB2-A1	6.0	SECONDARY TRIBUTARY	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	6,660
S15-TRIB2-A1	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,391
S15-TRIB2-A2	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	367
S15-TRIB2-A2	4.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	790
S15-TRIB2-A3	2.5	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	408
S15-TRIB3	2.0	TRIBUTARY 3 TO S15	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	5,257
S15-TRIB3	2.0	TRIBUTARY 3 TO S15	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	942
S15-TRIB3-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	190
S15-TRIB4	5.0	TRIB 4 TO S15- FMR DAVIS CREEK	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,037
S16	40.0	STREAM S16 - UNNAMED	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	7,810
S16	10.0	STREAM S16 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,310
S16	8.0	STREAM S16 - UNNAMED	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,071

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
S16	25.0	STREAM S16 - UNNAMED	16-25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,151
S16-TRIB1	8.0	TRIB 1 TO S16 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,619
S16-TRIB2	8.0	TRIB 2 TO S16 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,832
S16-TRIB3	3.0	TRIBUTARY 3 TO S16	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,177
S16-TRIB3	5.0	TRIBUTARY 3 TO S16	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	316
S16-TRIB3-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	165
S16-TRIB3-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	345
S16-TRIB3-A2	1.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	128
S16-TRIB4	5.0	TRIBUTARY 4 TO S16	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,423
S16-TRIB4	5.0	TRIBUTARY 4 TO S16	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	112
S16-TRIB4-A1	5.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	140
S16-TRIB5	2.0	TRIBUTARY 5 TO S16	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	224
S16-TRIB5	2.0	TRIBUTARY 5 TO S16	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	562
S16-TRIB6	5.0	TRIBUTARY 6 TO S16	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	883
S16-TRIB6	5.0	TRIBUTARY 6 TO S16	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	435
S16-TRIB6-A1	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	117
S16-TRIB6-A1	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	47
S16-TRIB7	5.0	TRIBUTARY 7 TO S16	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,592
S16-TRIB7	5.0	TRIBUTARY 7 TO S16	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	523
S16-TRIB7-A1	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	211
S16-TRIB7-A1	3.0	SECONDARY TRIBUTARY	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	154
S16-TRIB8	10.0	TRIBUTARY 8 TO S16	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	847
S16-TRIB8	10.0	TRIBUTARY 8 TO S16	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	520
S16-TRIB8-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	161
S16-TRIB9	4.0	TRIBUTARY 9 TO S16	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	144
S17	5.0	STREAM S17 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,507
S18	5.0	STREAM S18 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,764
S18	5.0	STREAM S18 - UNNAMED	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	927
S18-TRIB1	2.0	TRIBUTARY 1 TO S18	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	160
S19	12.0	STREAM S19 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	8,197
S19	12.0	STREAM S19 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	884
S19	12.0	STREAM S19 - UNNAMED	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,221
S19	4.0	STREAM S19 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	631

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
S19-TRIB1	4.0	TRIBUTARY 1 TO S19	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	108
S19-TRIB1	4.0	TRIBUTARY 1 TO S19	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	498
S19-TRIB1-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	63
S19-TRIB2	4.0	TRIBUTARY 2 TO S19	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	249
S19-TRIB2	2.5	TRIBUTARY 2 TO S19	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	93
S19-TRIB2-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	143
S19-TRIB3	4.0	TRIBUTARY 3 TO S19	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	282
S19-TRIB4	5.0	TRIBUTARY 4 TO S19	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	255
S19-TRIB5	10.0	TRIBUTARY 5 TO S19	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	663
S20	12.0	STREAM S20 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	4,451
S20-TRIB1	8.0	TRIB 1 TO S20 - FMR NSR	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	967
S21	5.0	STREAM S21 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	3,683
S21	5.0	STREAM S21 - UNNAMED	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,727
S21	15.0	STREAM S21 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	897
S21	40.0	STREAM S21 - UNNAMED	>25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	586
S21	25.0	STREAM S21 - UNNAMED	16-25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	440
S21-TRIB1	4.0	TRIBUTARY 1 TO S21	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,469
S21-TRIB1	2.0	TRIBUTARY 1 TO S21	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,022
S21-TRIB1	8.0	TRIBUTARY 1 TO S21	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	226
S21-TRIB1	2.0	TRIBUTARY 1 TO S21	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	420
S21-TRIB1-A1	2.0	SECONDARY TRIBUTARY	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	275
S21-TRIB2	4.0	TRIBUTARY 2 TO S21	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	518
S22	8.0	STREAM S22 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	1,551
S22	5.0	STREAM S22 - UNNAMED	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,366
S22	22.0	STREAM S22 - UNNAMED	16-25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	958
S22	15.0	STREAM S22 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	904
S22-TRIB1	5.0	TRIBUTARY 1 TO S22	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	144
S22-TRIB2	3.0	TRIBUTARY 2 TO S22	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	263
S23	4.0	STREAM S23 - UNNAMED	2.5-5'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	298
S24	2.0	STREAM S24 - UNNAMED	0.5-2'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	130
S24	2.0	STREAM S24 - UNNAMED	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	143
S25	22.0	STREAM S25 - LONG CREEK	16-25'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	2,772
S25	15.0	STREAM S25 - LONG CREEK	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	3,092

**TABLE A-1: COMPREHENSIVE LISTING OF STREAM CHANNELS FOR PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA**

ID_NAME	Width at OHWM (feet)	AQUATIC_RESOURCE	Category	Classification	LOCATION	Length (L.F.)
S25-TRIB1	5.0	TRIBUTARY 1 TO S25	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	194
S26	15.0	STREAM S26 - UNNAMED	6-15'	Ephemeral	CONSERVATION POOL, DAM, SPILLWAY	633
S26	15.0	STREAM S26 - UNNAMED	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,922
S26-TRIB1	12.0	TRIBUTARY 1 TO S26	6-15'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	110
S27	2.0	STREAM S27 - UNNAMED	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	176
T1-BAKER	2.0	TRIBUTARY 1 TO BAKER CREEK	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	888
T2-BAKER	5.0	TRIBUTARY 2 TO BAKER CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,455
T2-BAKER	5.0	TRIBUTARY 2 TO BAKER CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	541
T3-BAKER	5.0	TRIBUTARY 3 TO BAKER CREEK	2.5-5'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	2,175
T3-TRIB1	2.0	TRIBUTARY 1 TO T3 (BAKER)	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	1,422
T3-TRIB2	2.0	TRIBUTARY 2 TO T3 (BAKER)	0.5-2'	Ephemeral	OUTSIDE CP, DAM, SPILLWAY	330

Notes:

1. Secondary Tributaries are headwater streams; all tributaries to the North Sulphur River are ephemeral.
2. Category refers to the categorical breakdown used for the functional assessment.
3. Streams identified as location "CONSERVATION POOL, DAM, SPILLWAY" are those that will be impacted by the proposed reservoir; those identified as "OUTSIDE CP, DAM, SPILL" are located outside the direct impact or proposed inundation zone.

TABLE A-2: COMPREHENSIVE LISTING OF ON-CHANNEL PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
OCP-1	0.23	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-2	1.39	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-3	1.25	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-4	1.34	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-5	0.92	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-6	0.43	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-7	0.30	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-8	0.89	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-9	0.29	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-10	2.89	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-11	0.26	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-12	1.08	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-13	2.02	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-14	0.66	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-15	0.04	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-16	23.80	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-17	7.98	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-18	0.28	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-19	0.35	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-20	0.36	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-21	0.77	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-22	0.04	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-23	2.44	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	YES
OCP-24	2.73	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-25	0.09	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-26	1.44	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-27	0.67	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	

OCP-28	0.04	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-29	0.35	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-30	0.49	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-31	0.12	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-32	0.91	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-33	0.87	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	YES
OCP-34	0.05	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-35	2.10	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-36	0.82	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-37	0.17	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-38	0.23	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-39	0.20	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-40	0.25	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-41	0.06	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-42	0.29	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-43	1.57	ON-CHANNEL	CONSERVATION POOL, DAM, SPILLWAY	
OCP-44	0.40	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-45	4.23	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-46	0.07	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	
OCP-47	1.73	ON-CHANNEL	OUTSIDE CP, DAM, SPILLWAY	

TABLE A-3: COMPREHENSIVE LISTING OF UPLAND PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	Area	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
UP-1	5749.93289366662	0.13	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-2	14776.10593564570	0.34	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-3	6084.60531711844	0.14	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-4	7667.42748722571	0.18	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-5	5445.17498596262	0.13	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-6	44374.52643744630	1.02	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-7	44067.57979549830	1.01	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-8	65287.76828248820	1.50	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-9	5363.57710456971	0.12	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-10	7795.15740680175	0.18	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-11	2643.19015284152	0.06	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-12	5226.20293474051	0.12	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-13	41168.29833695940	0.95	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-14	5477.45276976329	0.13	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-15	12659.92091193530	0.29	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-16	7330.57549689765	0.17	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-17	24395.24800907620	0.56	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-18	27391.15975638290	0.63	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-19	52907.92946536180	1.21	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-20	9902.35635071872	0.23	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-21	15111.06680104190	0.35	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-22	46527.35755966390	1.07	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-23	797.58196692705	0.02	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-24	8495.21629000281	0.20	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-25	6549.82883570092	0.15	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-26	4559.62026730517	0.10	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-27	3521.52381836461	0.08	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	

TABLE A-3: COMPREHENSIVE LISTING OF UPLAND PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	Area	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
UP-28	2166.55304437921	0.05	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-29	3035.48077934727	0.07	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-30	61766.50101570330	1.42	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-31	10336.68453382850	0.24	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-32	12104.72091771350	0.28	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-33	5710.68774594861	0.13	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-34	12279.67661202560	0.28	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-35	14643.16593454710	0.34	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-36	14385.73938026280	0.33	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP37	55021.50954727790	1.26	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-38	20590.62828086940	0.47	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-39	19561.69056842070	0.45	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-40	6455.81216071296	0.15	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-41	17048.07932788080	0.39	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-42	14969.51168506640	0.34	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-43	36354.11922479710	0.83	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-44	21445.17359571030	0.49	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-45	9180.99893449469	0.21	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-46	1103.39855550765	0.03	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-47	19170.67856177910	0.44	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-48	2299.15519237406	0.05	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-49	85001.84472518930	1.95	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-50	4137.24645104530	0.09	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-51	6348.52350473545	0.15	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-52	3863.23936248110	0.09	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-53	9630.02998032100	0.22	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-54	4658.89157283163	0.11	UPLAND	OUTSIDE CP, DAM, SPILLWAY	

TABLE A-3: COMPREHENSIVE LISTING OF UPLAND PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	Area	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
UP-55	3936.40216217252	0.09	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-56	8199.42546201255	0.19	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-57	6845.73533303709	0.16	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-58	20274.16587430800	0.47	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-59	3183.47904889830	0.07	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-60	10623.76889474000	0.24	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-61	2653.67452166423	0.06	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-62	5787.51623979779	0.13	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-63	11898.73175653820	0.27	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-64	18118.49831442040	0.42	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-65	75580.65070826670	1.74	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-66	12613.58579890770	0.29	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-67	139318.06422272500	3.20	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-68	30755.94007771960	0.71	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-69	118404.81492646900	2.72	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-70	141835.79253150500	3.26	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-71	21789.36291595860	0.50	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-72	30024.69678235630	0.69	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-73	17143.04601182540	0.39	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-74	20834.37788618280	0.48	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-75	16576.56575557130	0.38	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-76	9010.26669794560	0.21	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-77	8454.17375371381	0.19	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-78	18478.28610318230	0.42	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-79	55001.29285508770	1.26	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-80	40401.63517133800	0.93	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-81	24265.07158389500	0.56	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	

TABLE A-3: COMPREHENSIVE LISTING OF UPLAND PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	Area	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
UP-82	18550.96426231230	0.43	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-83	18478.47302847120	0.42	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-84	5844.00883298352	0.13	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-85	10355.89554570770	0.24	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-86	5170.39830100300	0.12	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-87	5401.63816966830	0.12	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-88	15936.36359196550	0.37	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-89	45857.66978273610	1.05	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-90	10965.39600756480	0.25	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-91	36241.31267953610	0.83	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-92	3786.61994385967	0.09	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-93	17185.08394543650	0.39	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-94	11604.22947008530	0.27	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-95	11891.00590485030	0.27	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-96	17665.12722604030	0.41	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-97	10728.32036732410	0.25	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-98	8289.64952167681	0.19	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-99	39083.10400375720	0.90	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-100	8347.63399821775	0.19	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-101	5266.05464633046	0.12	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-102	4354.98639745040	0.10	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-103	4021.79587792762	0.09	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-104	4798.10881939080	0.11	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-105	3459.42001635279	0.08	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-106	11768.16047437200	0.27	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-107	6105.62331010071	0.14	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-108	2832.77661245773	0.07	UPLAND	OUTSIDE CP, DAM, SPILLWAY	

TABLE A-3: COMPREHENSIVE LISTING OF UPLAND PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	Area	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
UP-109	7052.05191829185	0.16	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-110	8194.71238320045	0.19	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-111	4110.84931272125	0.09	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-112	4810.11951610585	0.11	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-113	7424.49241898459	0.17	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-114	6283.01295944616	0.14	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-115	5345.78404822542	0.12	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-116	23374.28116171110	0.54	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-117	111064.03917599500	2.55	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-118	6343.53955999261	0.15	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-119	1397.41525163971	0.03	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-120	3897.22299127545	0.09	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-121	5807.40017322037	0.13	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-122	15656.61709553440	0.36	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-123	20356.44269192610	0.47	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-124	16667.22191647740	0.38	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-125	12752.32958181670	0.29	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-126	7957.79173974480	0.18	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-127	12810.60518978430	0.29	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-128	17230.78086344470	0.40	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-129	10874.46351666530	0.25	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-130	113763.45818804600	2.61	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-131	3247.51574886974	0.07	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-132	37105.84872792770	0.85	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-133	4862.23489564972	0.11	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-134	7698.36699848759	0.18	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-135	20985.62569117680	0.48	UPLAND	OUTSIDE CP, DAM, SPILLWAY	

TABLE A-3: COMPREHENSIVE LISTING OF UPLAND PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	Area	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
UP-136	17021.25520376360	0.39	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-137	6550.40534372715	0.15	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-138	10047.14439513660	0.23	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-139	9039.54669314232	0.21	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-140	13637.30271152800	0.31	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-141	22417.53855222470	0.51	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-142	10207.16536974260	0.23	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-143	7439.02116688766	0.17	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-144	5119.84231584078	0.12	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-145	16469.97398403580	0.38	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-146	14736.25650770240	0.34	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-147	6047.08084001727	0.14	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-148	2668.79230187115	0.06	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-149	8437.40580385029	0.19	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-150	6289.61301144133	0.14	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-151	4888.92101482900	0.11	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-152	35600.09409247170	0.82	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-153	27720.25236598170	0.64	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-154	7160.29294855238	0.16	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-155	53881.45848935600	1.24	UPLAND	OUTSIDE CP, DAM, SPILLWAY	YES
UP-156	3939.21043664444	0.09	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-157	20751.92739753650	0.48	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-158	9985.24540552999	0.23	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-159	3736.21591783283	0.09	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-160	29329.89575577390	0.67	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-161	3073.94361451410	0.07	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-162	8281.96735182690	0.19	UPLAND	OUTSIDE CP, DAM, SPILLWAY	

TABLE A-3: COMPREHENSIVE LISTING OF UPLAND PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	Area	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
UP-163	9835.77990840870	0.23	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-164	19545.81027028590	0.45	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-165	6542.04904715384	0.15	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-166	21269.03972328630	0.49	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-167	10652.93861573870	0.24	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-168	9642.29917074536	0.22	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-169	8663.92643204764	0.20	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-170	9964.32312719102	0.23	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-171	19247.05821770120	0.44	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-172	2044.50787395755	0.05	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-173	6372.06907281436	0.15	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-174	6909.98575295682	0.16	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-175	3134.09413745102	0.07	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-176	21212.67650165310	0.49	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-177	26594.00323073780	0.61	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-178	14828.91422201880	0.34	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-179	15976.15008071030	0.37	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-180	84402.45109275030	1.94	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-181	6217.56364225019	0.14	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-182	7702.00377304686	0.18	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-183	3914.01837309213	0.09	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-184	3606.38512229550	0.08	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-185	7021.77707892329	0.16	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-186	8201.61545048703	0.19	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-187	7947.64568713224	0.18	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-188	13104.04289911410	0.30	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-189	8160.57438649750	0.19	UPLAND	OUTSIDE CP, DAM, SPILLWAY	

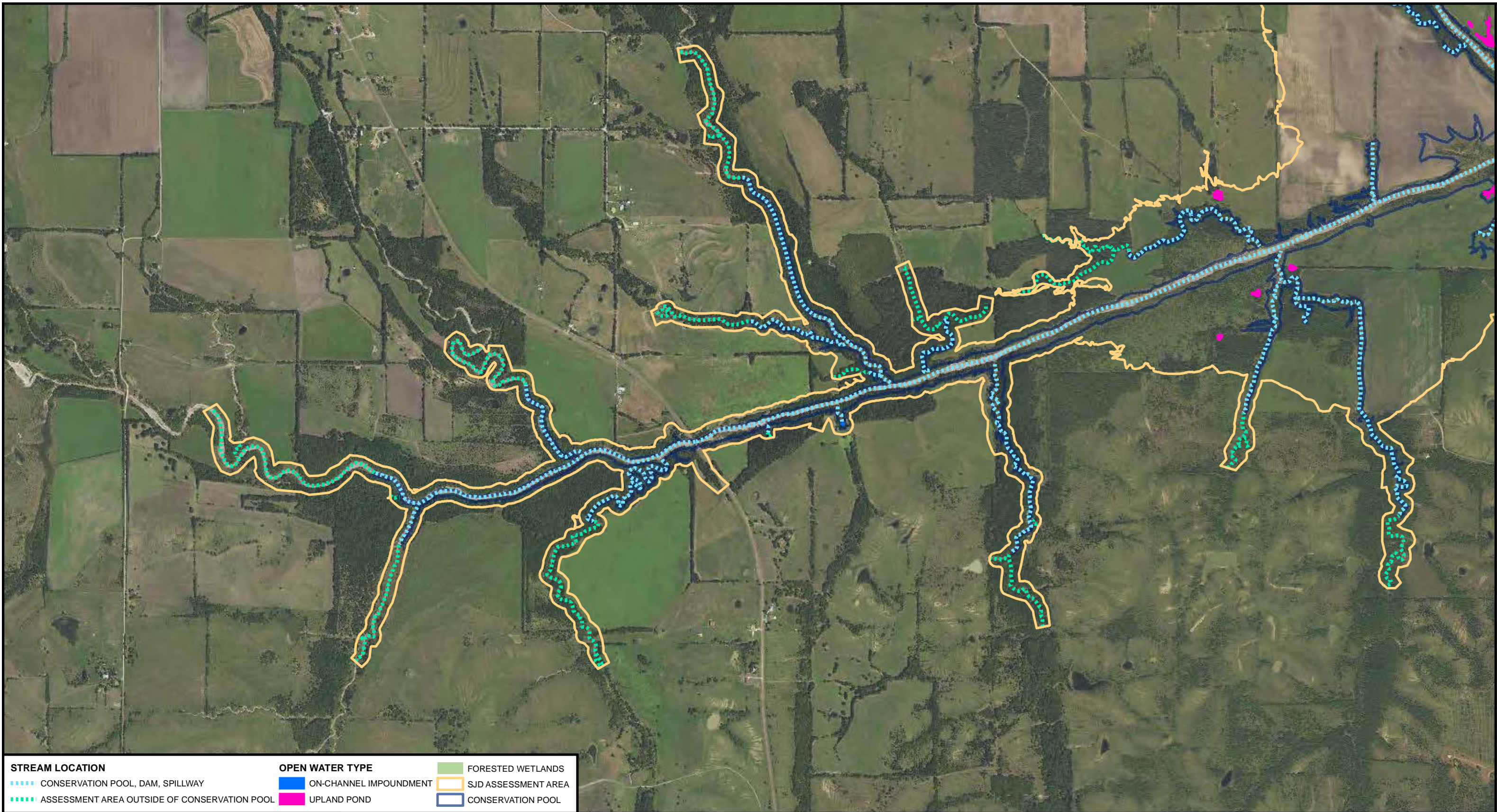
TABLE A-3: COMPREHENSIVE LISTING OF UPLAND PONDS FOR PROPOSED LAKE RALPH HALL SUPPLEMENTAL JURISDICTIONAL DETERMINATION ASSESSMENT AREA

ID_NAME	Area	ACRES	CLASSIFICATION	LOCATION	FIELD ASSESSED
UP-190	10198.50191368740	0.23	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-191	3824.14907030134	0.09	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-192	1337.50624657386	0.03	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-193	11815.25335188270	0.27	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-194	4410.15219154655	0.10	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-195	8515.65792981320	0.20	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-196	6223.09084206837	0.14	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-197	4378.14482794999	0.10	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-198	13909.68330520210	0.32	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-199	10582.61482636130	0.24	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-200	11184.30844984010	0.26	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-201	25508.96048843180	0.59	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-202	7357.88909610137	0.17	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-203	7969.55461077115	0.18	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-204	15773.49419408670	0.36	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-205	8418.02173846706	0.19	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-206	11038.13115218060	0.25	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-207	2069.01868681123	0.05	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	YES
UP-208	13112.45451321330	0.30	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-209	851.00082011049	0.02	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-210	12970.03148441680	0.30	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	
UP-211	11123.23078719850	0.26	UPLAND	OUTSIDE CP, DAM, SPILLWAY	
UP-212	18086.88422204470	0.42	UPLAND	CONSERVATION POOL, DAM, SPILLWAY	

TABLE A-4: NON-JURISDICTIONAL FORESTED WETLANDS

NAME	Acres	Location
FW-1	0.85	Embankment/Assessment Area
FW-2	0.09	Conservation Pool
FW-3	0.06	Conservation Pool
FW-4	0.06	Conservation Pool
FW-5	0.02	Conservation Pool
FW-6	0.05	Conservation Pool
FW-7	0.10	Conservation Pool
FW-8	0.01	Conservation Pool
FW-9	0.09	Conservation Pool
FW-10	0.38	Conservation Pool
FW-11	0.04	Conservation Pool
FW-12	0.39	Conservation Pool
FW-13	1.17	Conservation Pool
FW-14	0.01	Conservation Pool
FW-15	0.01	Conservation Pool
FW-16	0.03	Conservation Pool
FW-17	0.02	Conservation Pool
FW-18	0.11	Conservation Pool
FW-19	0.01	Conservation Pool
FW-20	0.03	Conservation Pool
FW-21	0.01	Conservation Pool
FW-22	0.01	Conservation Pool
FW-23	0.05	Conservation Pool
FW-24	0.04	Conservation Pool
FW-25	0.14	Conservation Pool
FW-26	0.03	Conservation Pool
TOTAL	3.80	

MAPBOOK
OVERALL AQUATIC RESOURCES



STREAM LOCATION		OPEN WATER TYPE		FORESTED WETLANDS	
---	CONSERVATION POOL, DAM, SPILLWAY	■	ON-CHANNEL IMPOUNDMENT	■	SJD ASSESSMENT AREA
---	ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL	■	UPLAND POND	■	CONSERVATION POOL

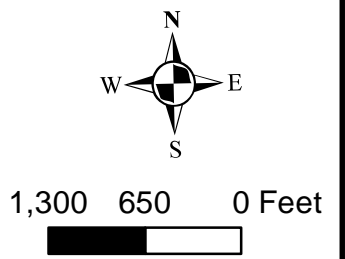
**FIGURE 1: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

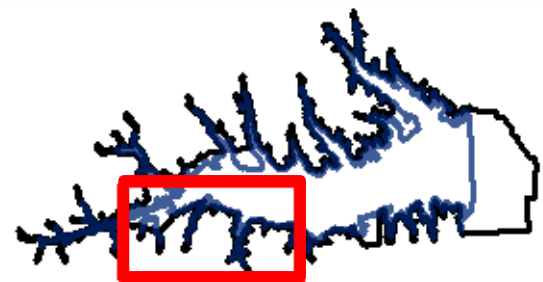
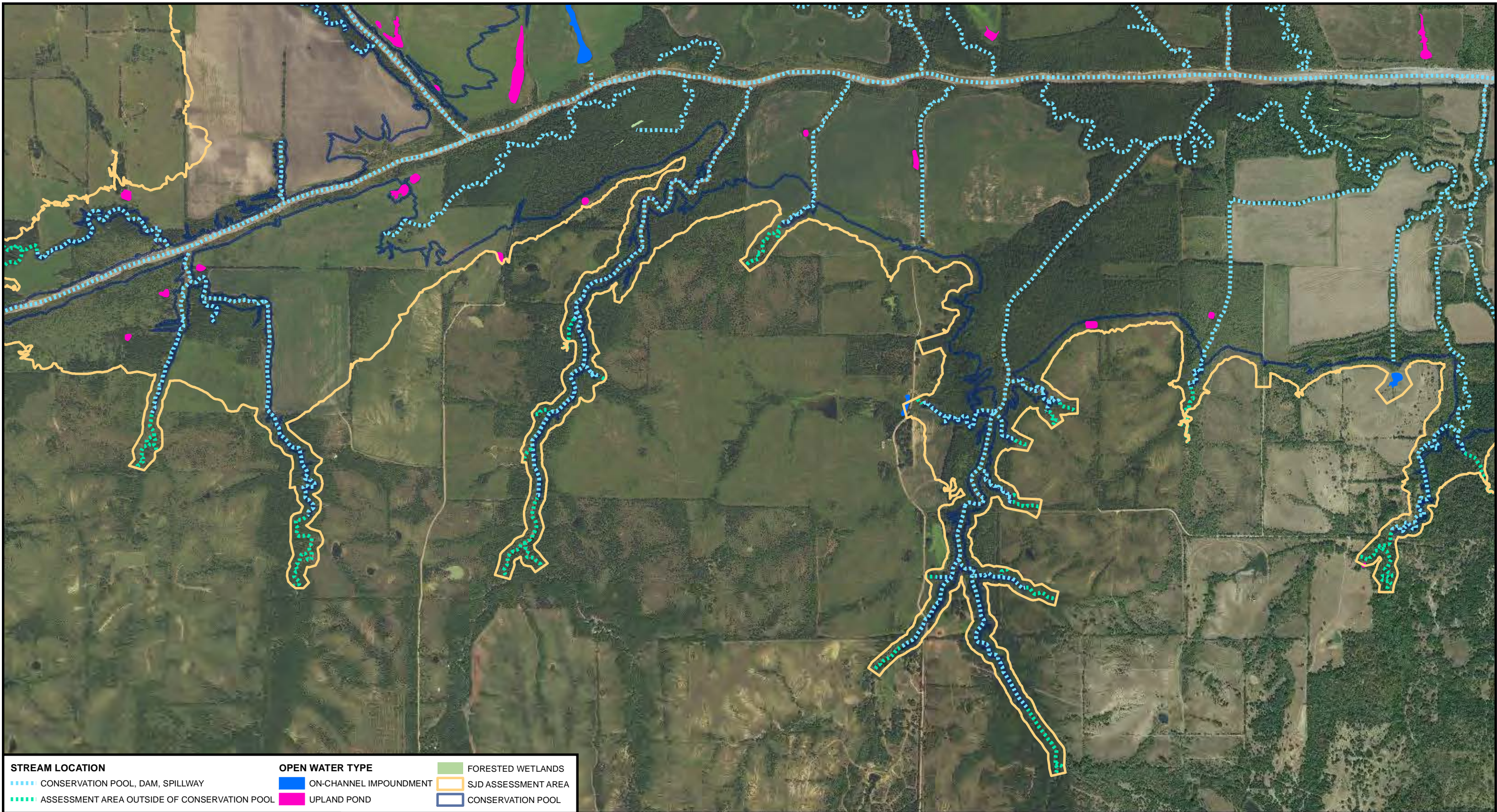


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**FIGURE 2: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

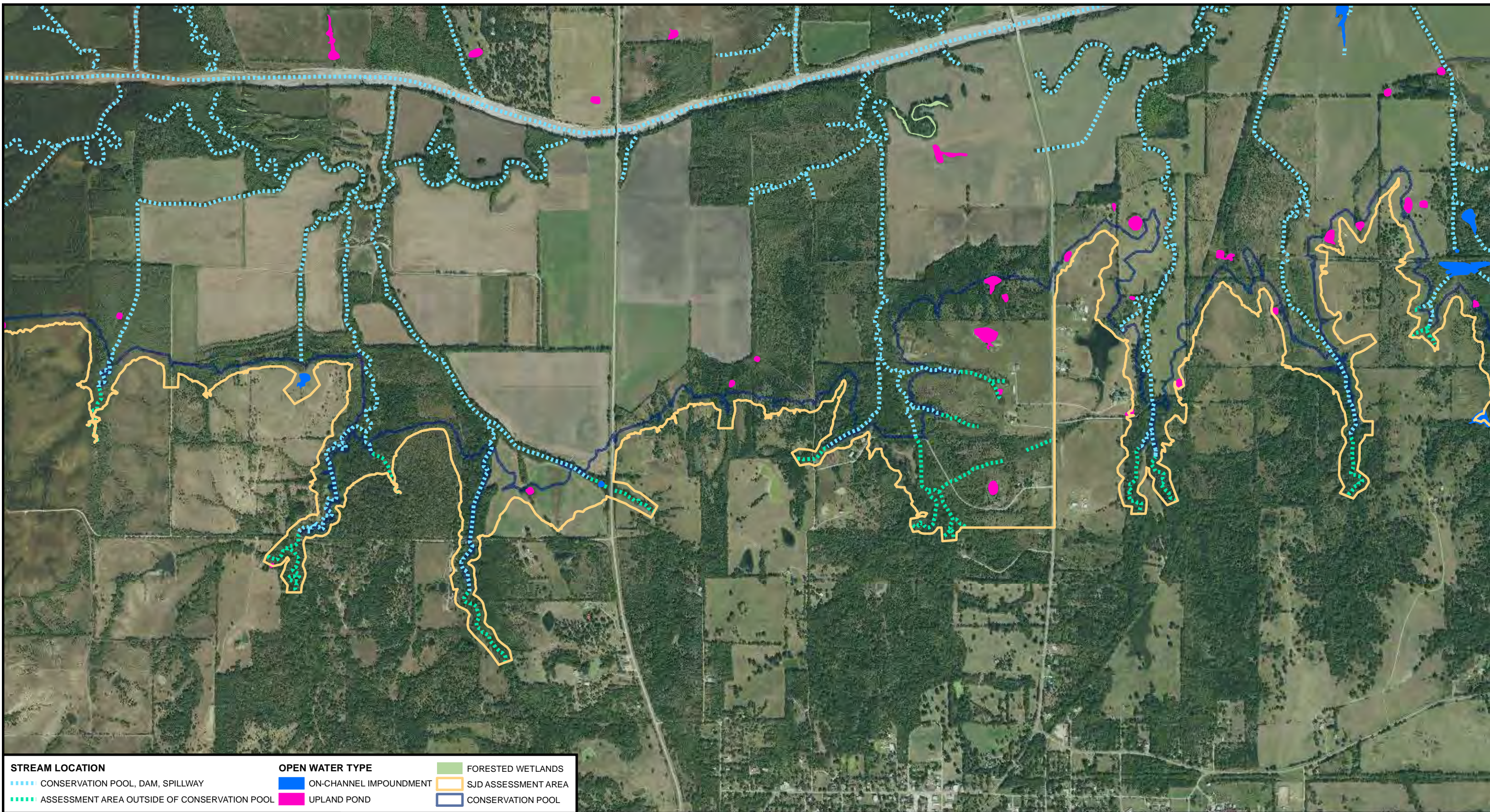
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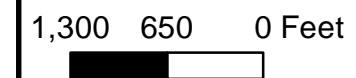
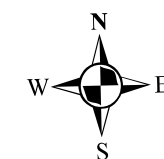


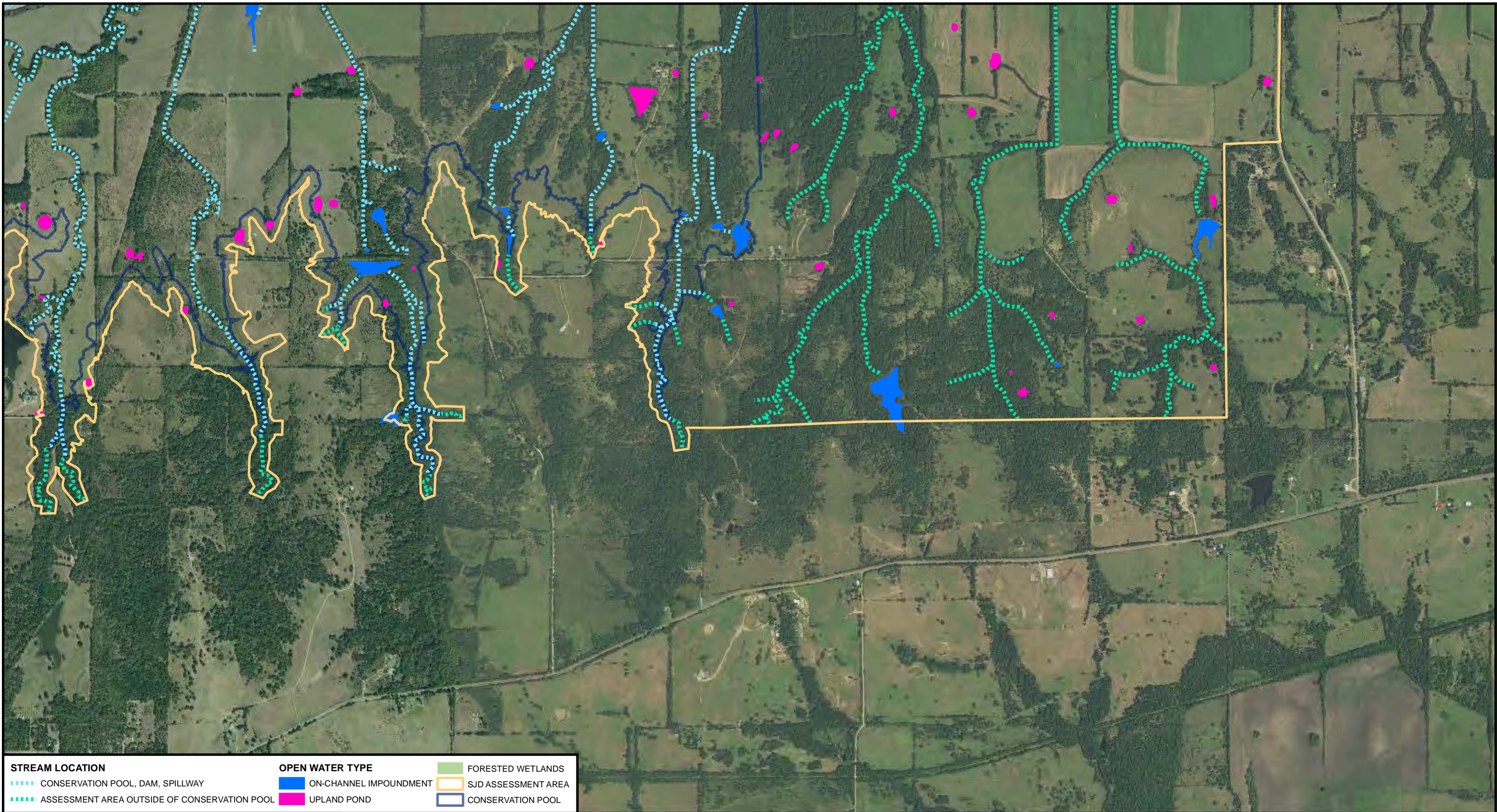
**FIGURE 3: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

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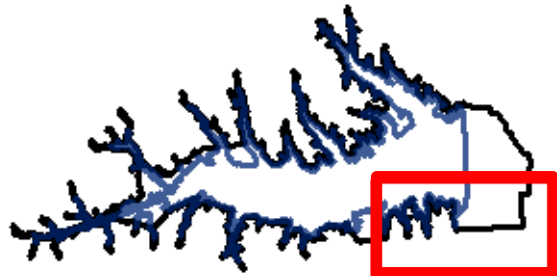
Date: 6/15/2017



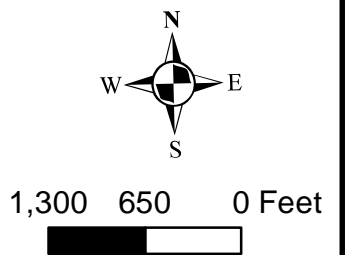


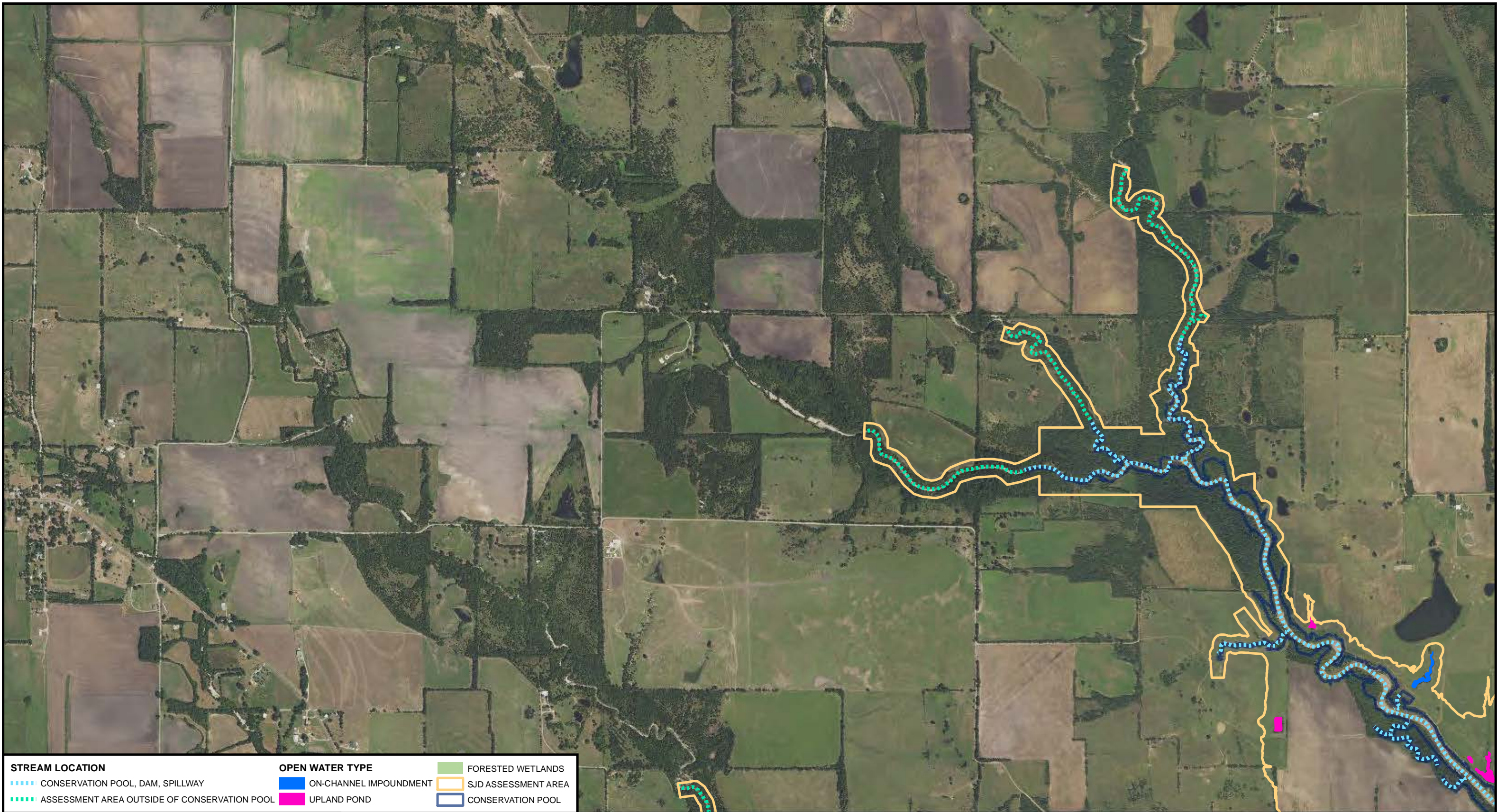
STREAM LOCATION	OPEN WATER TYPE	FORESTED WETLANDS
<ul style="list-style-type: none"> Conservation Pool, Dam, Spillway Assessment Area Outside of Conservation Pool 	<ul style="list-style-type: none"> On-Channel Impoundment Upland Pond 	<ul style="list-style-type: none"> SJD Assessment Area Conservation Pool

**FIGURE 4: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

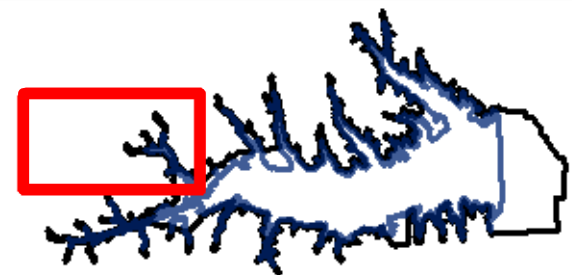


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STREAM LOCATION		OPEN WATER TYPE		FORESTED WETLANDS
	CONSERVATION POOL, DAM, SPILLWAY		ON-CHANNEL IMPOUNDMENT	
	ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL		UPLAND POND	
			CONSERVATION POOL	

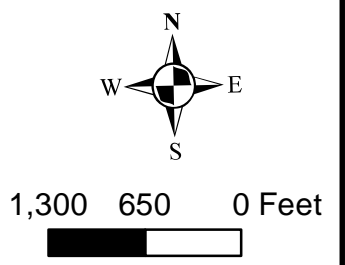


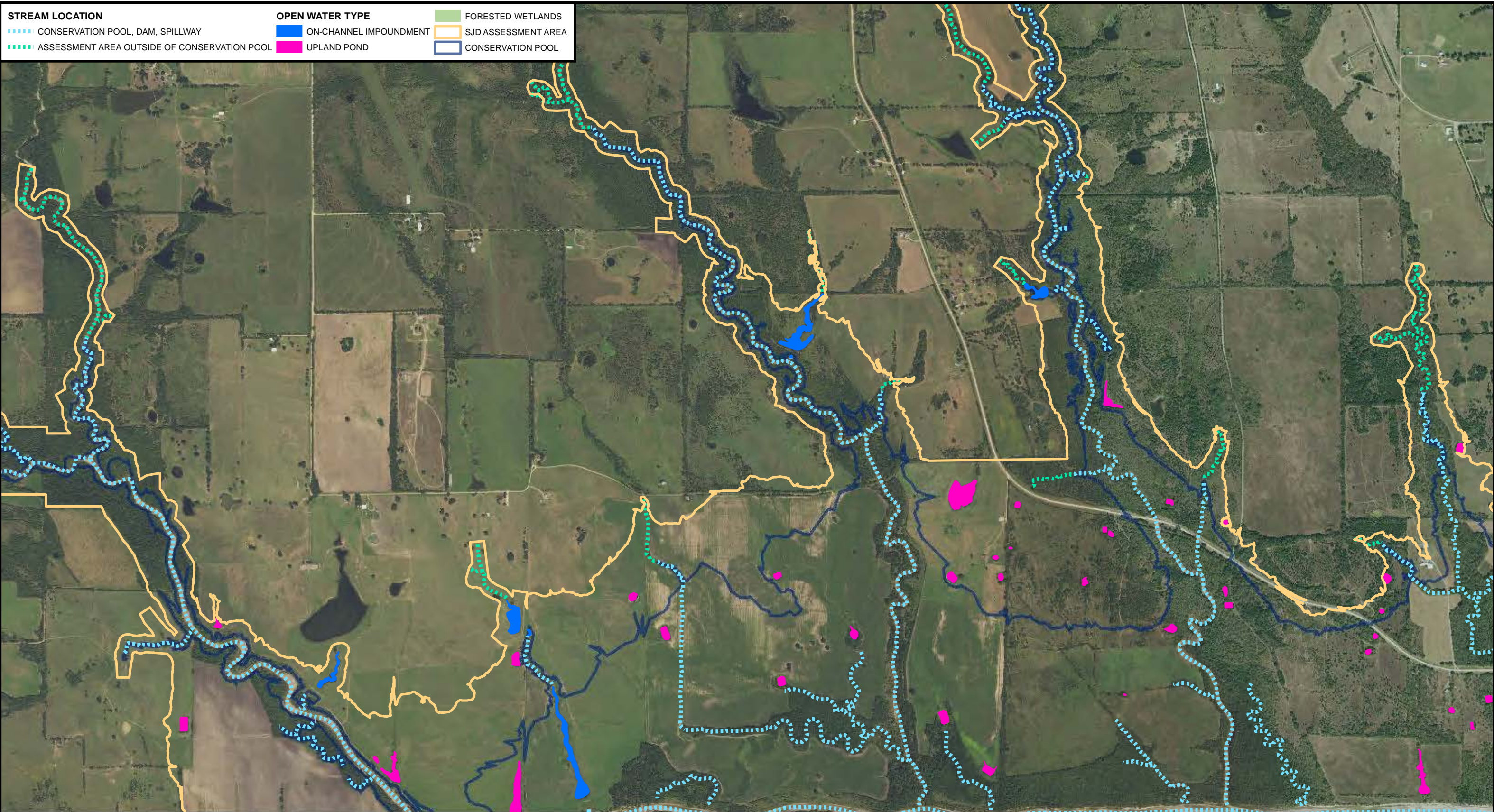
**FIGURE 5: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

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STREAM LOCATION
 - - - CONSERVATION POOL, DAM, SPILLWAY
 - - - ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL

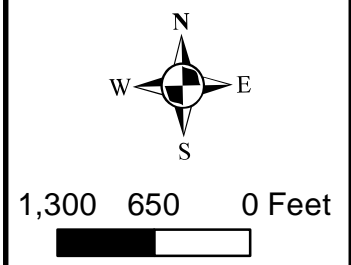
OPEN WATER TYPE
 ON-CHANNEL IMPOUNDMENT
 UPLAND POND
 CONSERVATION POOL

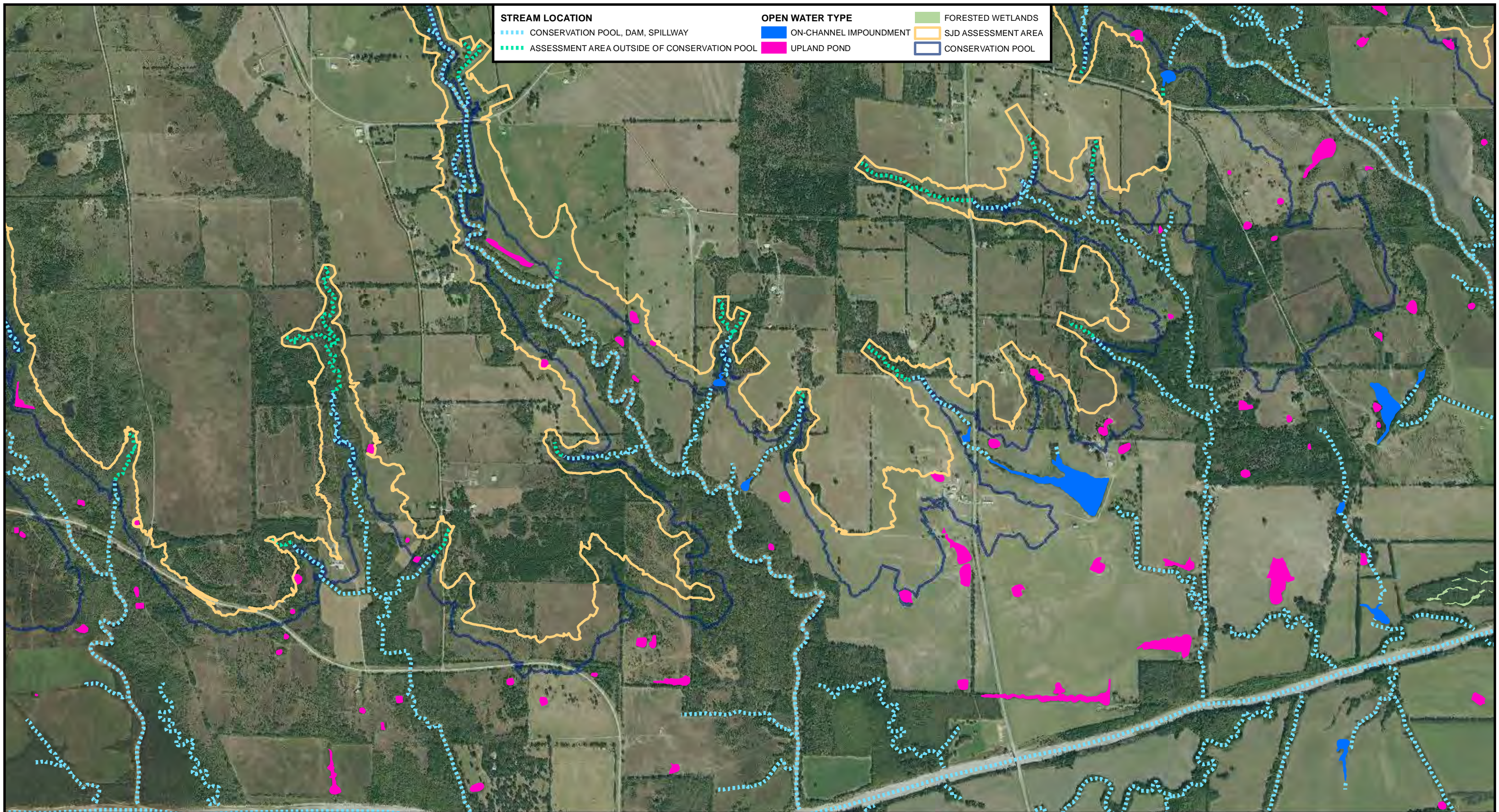
FORESTED WETLANDS
 SJD ASSESSMENT AREA
 CONSERVATION POOL



**FIGURE 6: AQUATIC RESOURCES
 PROPOSED LAKE RALPH HALL
 SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

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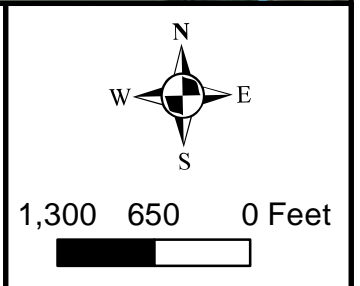


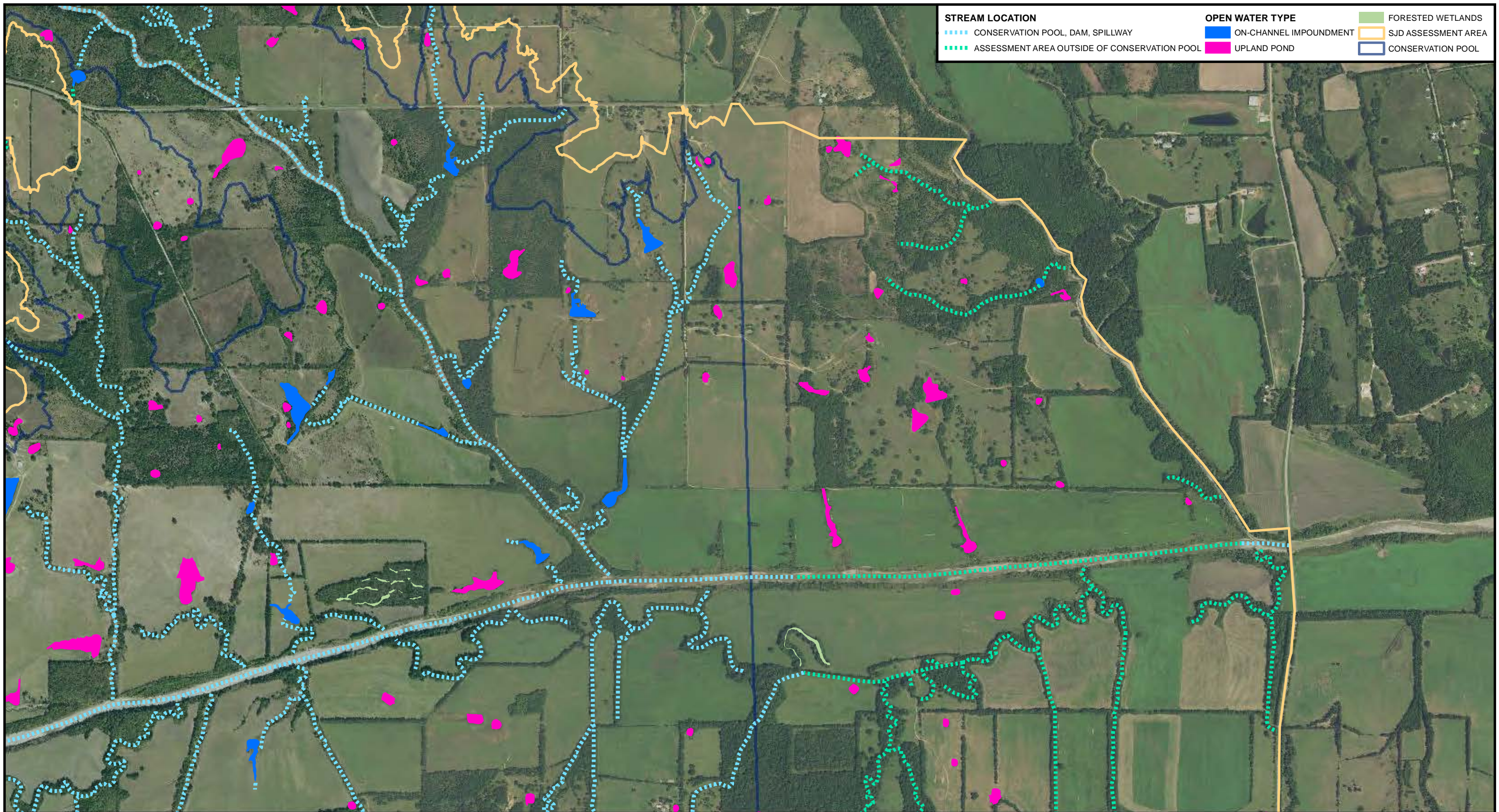


**FIGURE 7: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**



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STREAM LOCATION	OPEN WATER TYPE	FORESTED WETLANDS
<ul style="list-style-type: none"> --- CONSERVATION POOL, DAM, SPILLWAY --- ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL 	<ul style="list-style-type: none"> ■ ON-CHANNEL IMPOUNDMENT ■ UPLAND POND 	<ul style="list-style-type: none"> ■ SJD ASSESSMENT AREA ■ CONSERVATION POOL

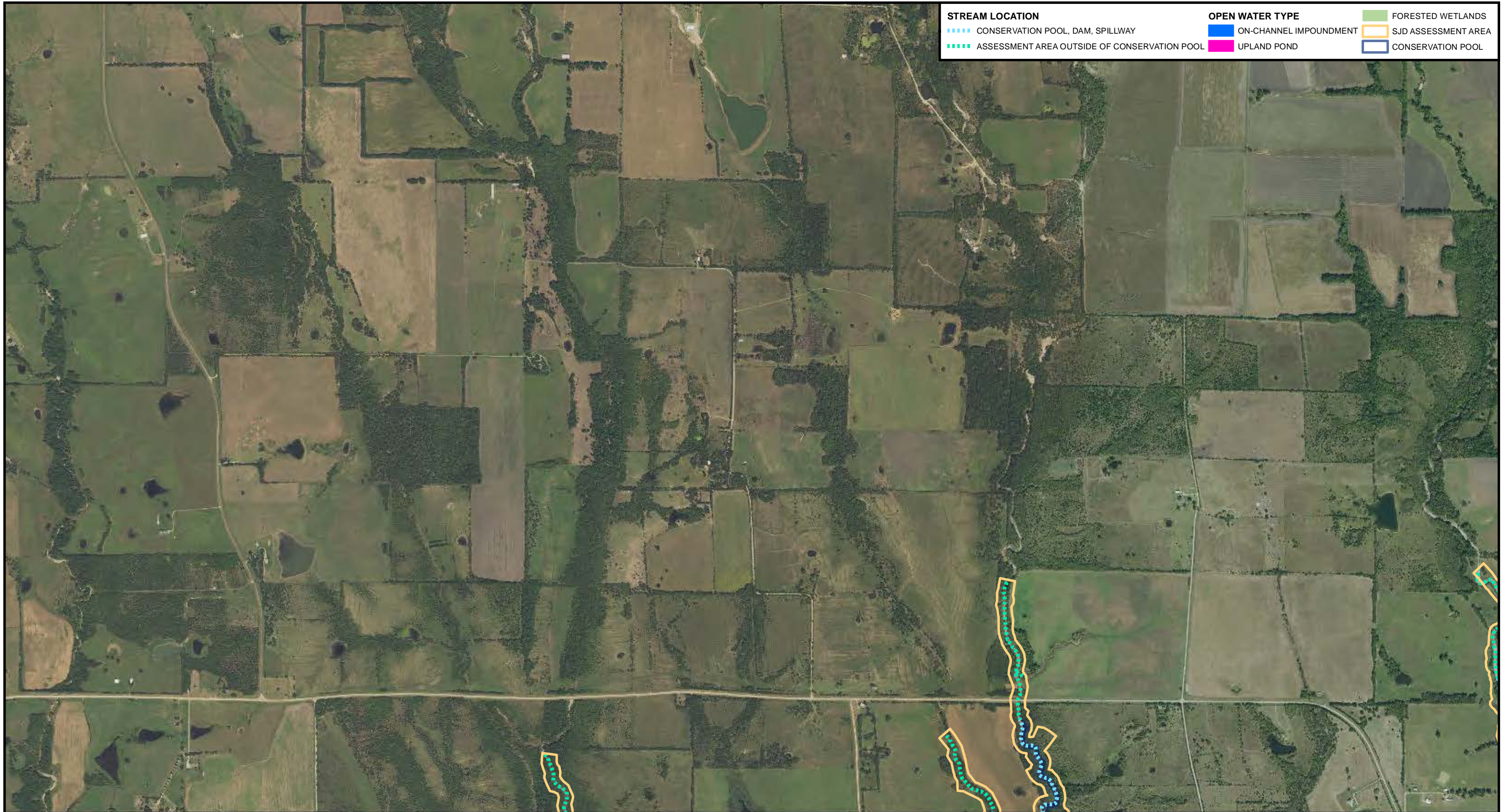


**FIGURE 8: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

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STREAM LOCATION	OPEN WATER TYPE	FORESTED WETLANDS
----- CONSERVATION POOL, DAM, SPILLWAY	ON-CANNEL IMPOUNDMENT	SJD ASSESSMENT AREA
----- ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL	UPLAND POND	CONSERVATION POOL



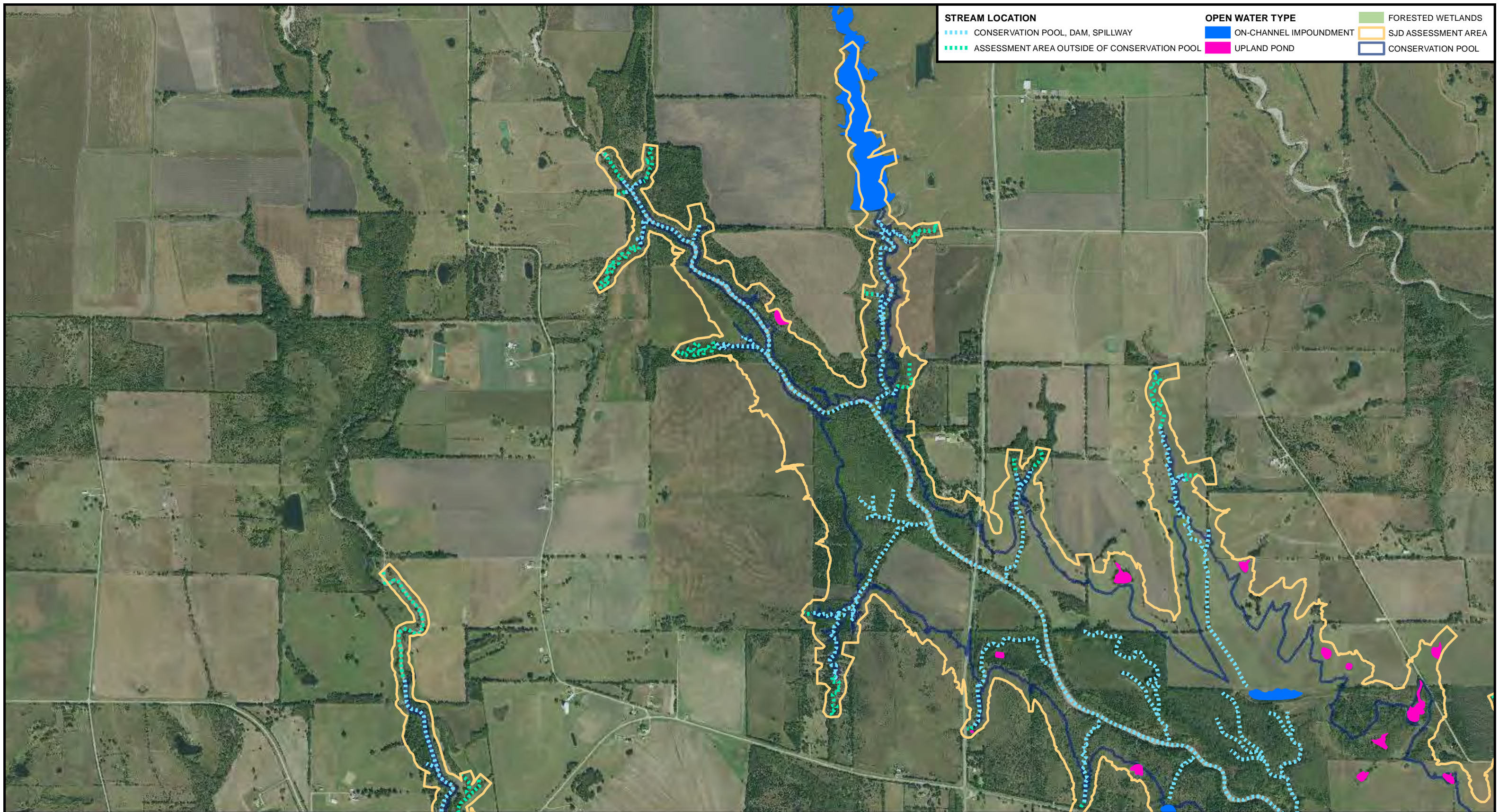
**FIGURE 9: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

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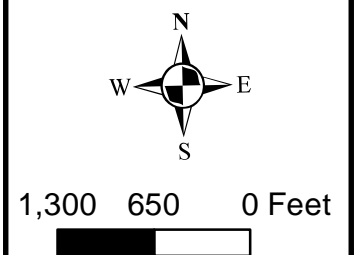


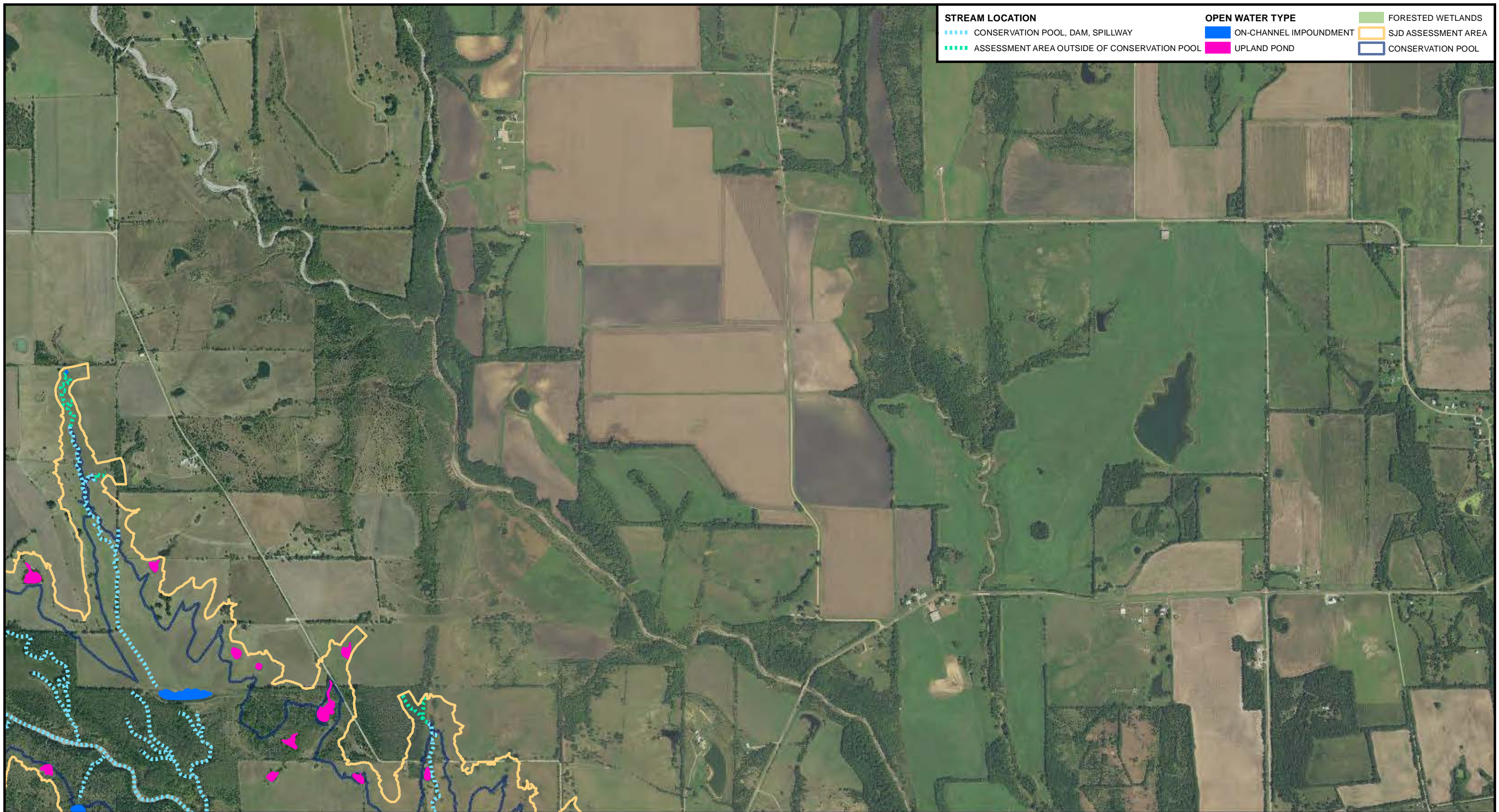
STREAM LOCATION	OPEN WATER TYPE	FORESTED WETLANDS
CONSERVATION POOL, DAM, SPILLWAY	ON-CHANNEL IMPOUNDMENT	SJD ASSESSMENT AREA
ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL	UPLAND POND	CONSERVATION POOL



**FIGURE 10: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

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STREAM LOCATION

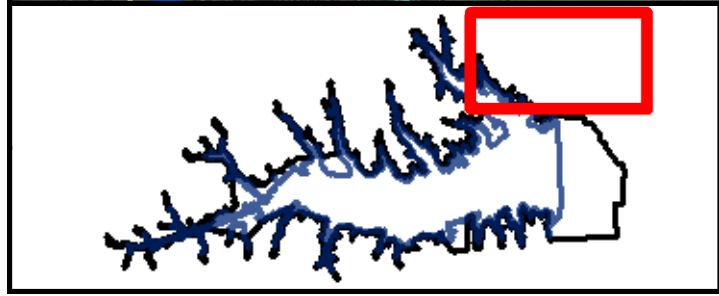
- CONSERVATION POOL, DAM, SPILLWAY
- ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL

OPEN WATER TYPE

- ON-CANNEL IMPOUNDMENT
- UPLAND POND

FORESTED WETLANDS

- SJD ASSESSMENT AREA
- CONSERVATION POOL

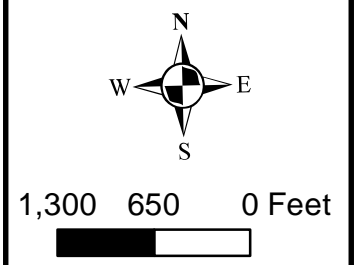


**FIGURE 11: AQUATIC RESOURCES
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

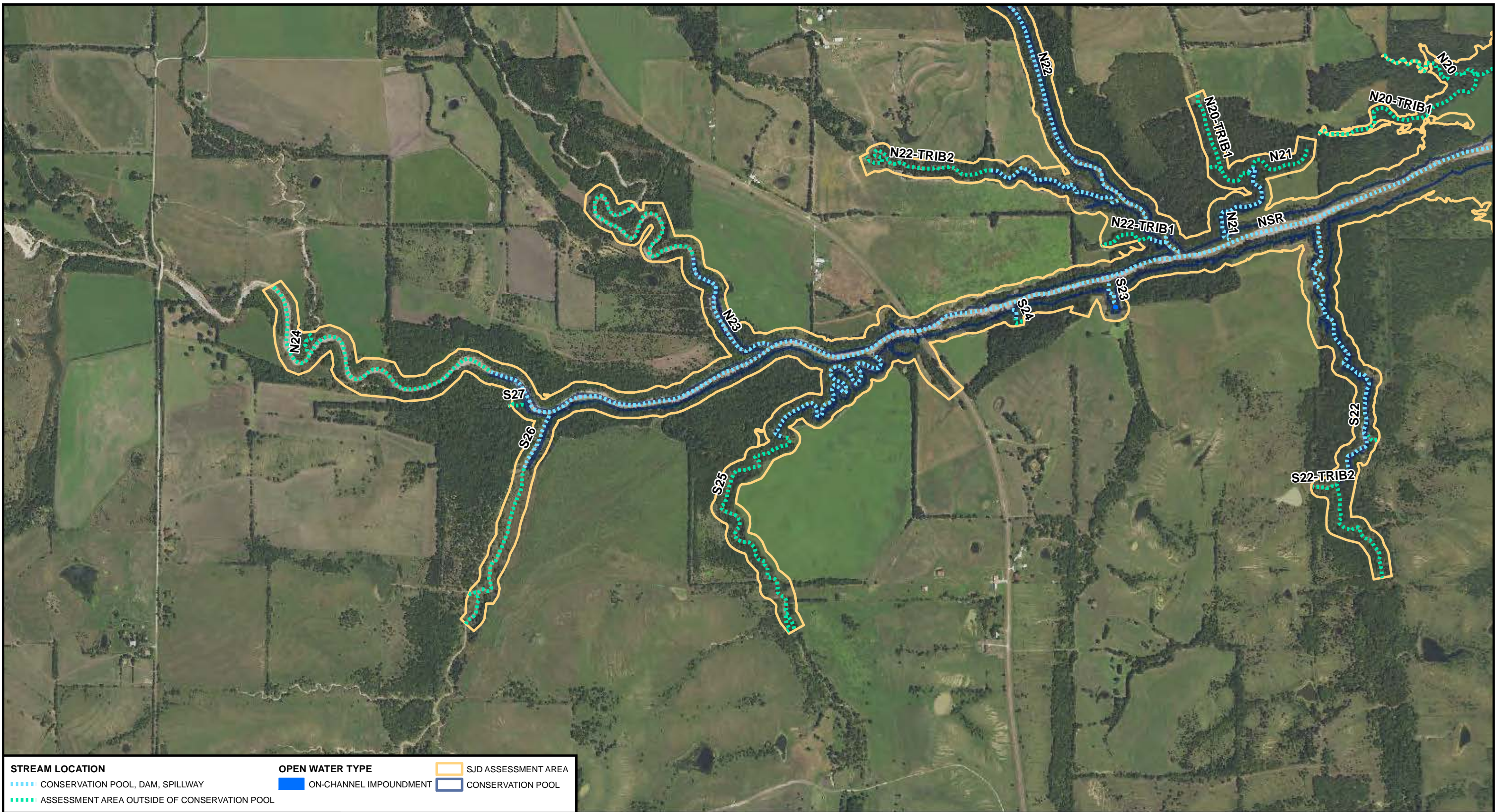
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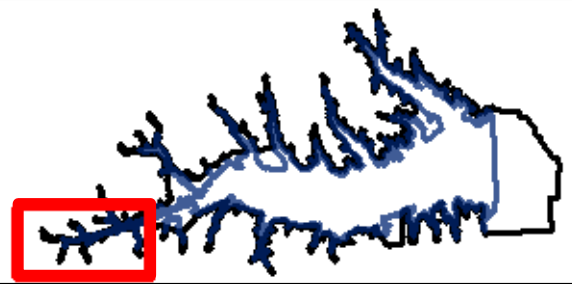
Date: 6/15/2017



MAPBOOK
DELINEATED STREAMS



STREAM LOCATION	OPEN WATER TYPE	SJD ASSESSMENT AREA
<ul style="list-style-type: none"> ■■■■■ CONSERVATION POOL, DAM, SPILLWAY ■■■■■ ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL 	<ul style="list-style-type: none"> ■■■■■ ON-CHANNEL IMPOUNDMENT ■■■■■ CONSERVATION POOL 	<ul style="list-style-type: none"> ■■■■■ SJD ASSESSMENT AREA ■■■■■ CONSERVATION POOL

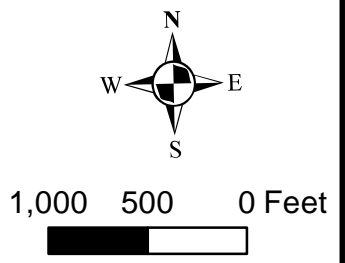


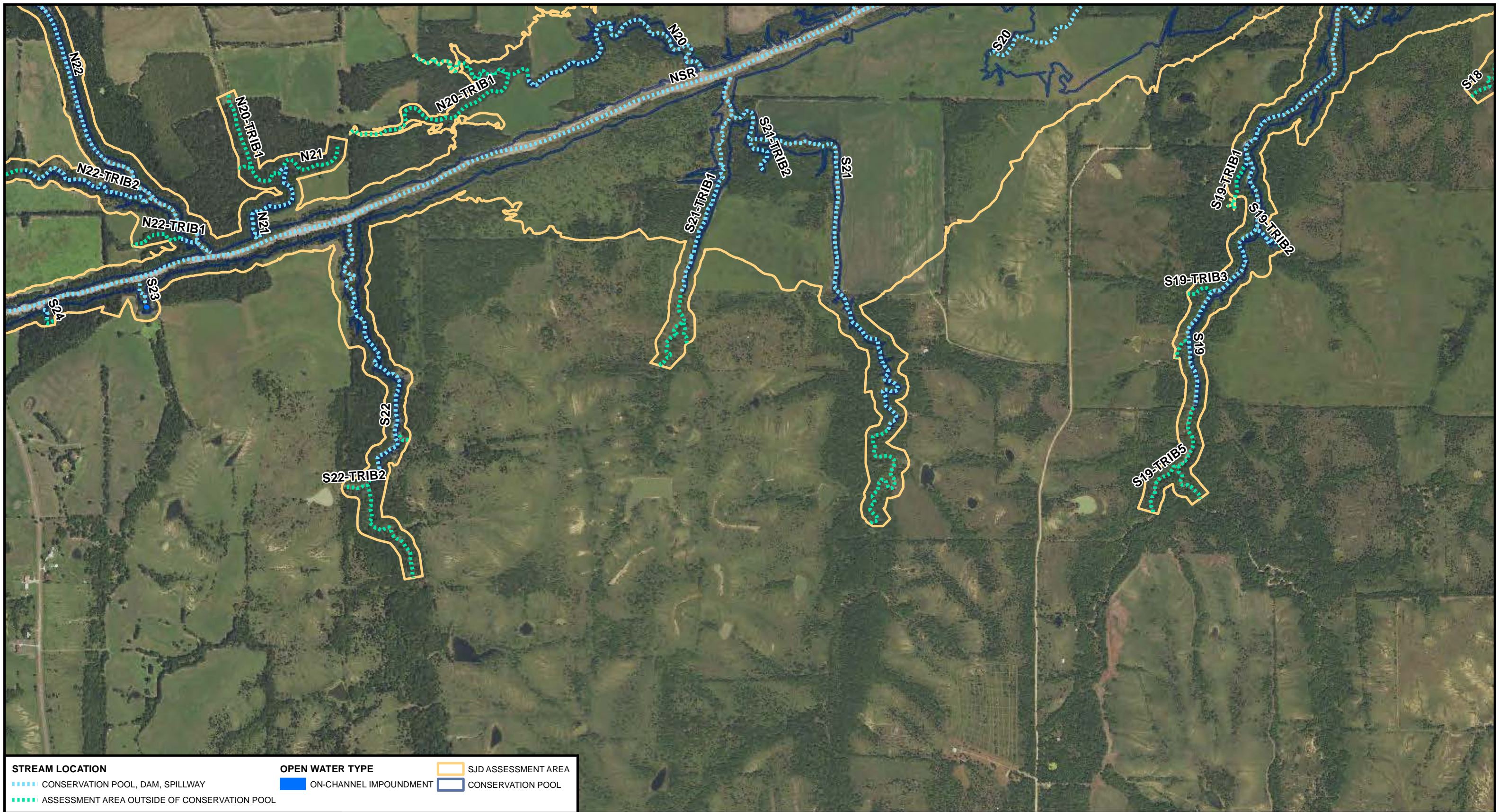
**FIGURE 1: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





STREAM LOCATION	OPEN WATER TYPE	SJD ASSESSMENT AREA
<ul style="list-style-type: none"> Conservation Pool, Dam, Spillway Assessment Area Outside of Conservation Pool 	<ul style="list-style-type: none"> On-Channel Impoundment 	<ul style="list-style-type: none"> Conservation Pool

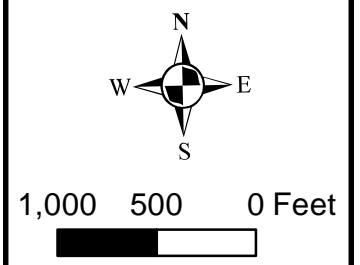


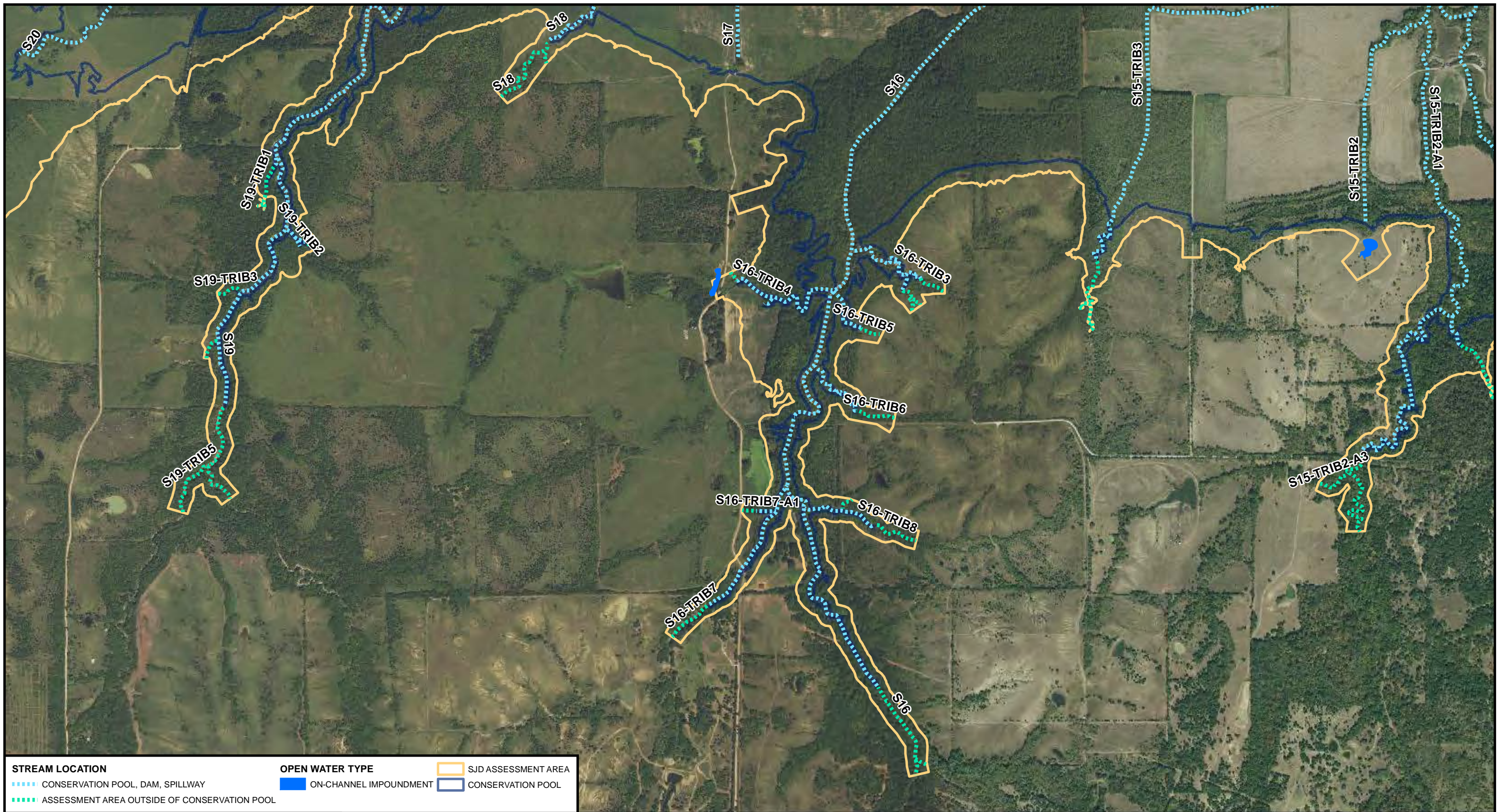
**FIGURE 2: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

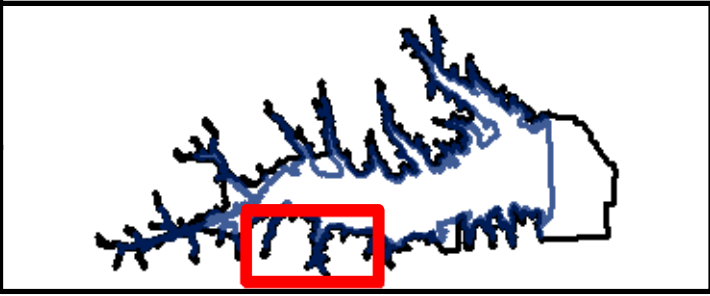
PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





STREAM LOCATION		OPEN WATER TYPE		SJD ASSESSMENT AREA	
.....	CONSERVATION POOL, DAM, SPILLWAY	■	ON-CHANNEL IMPOUNDMENT	■	CONSERVATION POOL
.....	ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL				



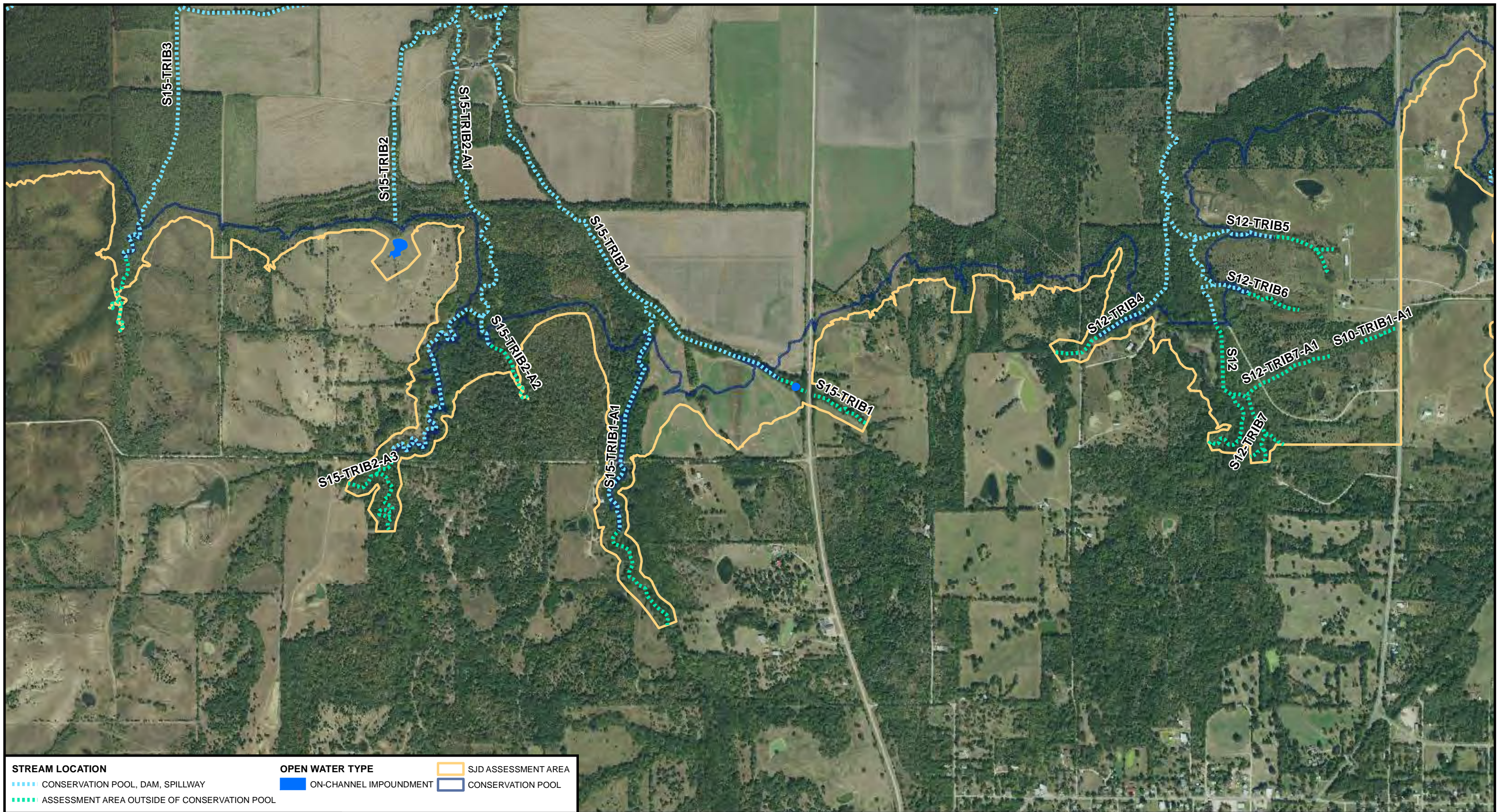
**FIGURE 3: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
ALAN PLUMMER ASSOC., INC.

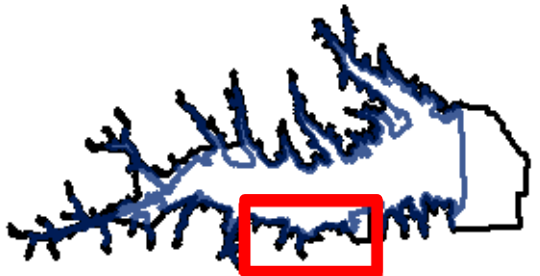
Date: 6/15/2017

1,000 500 0 Feet



STREAM LOCATION	OPEN WATER TYPE	SJD ASSESSMENT AREA
<ul style="list-style-type: none"> Conservation Pool, Dam, Spillway Assessment Area Outside of Conservation Pool 	<ul style="list-style-type: none"> On-Channel Impoundment 	<ul style="list-style-type: none"> Conservation Pool

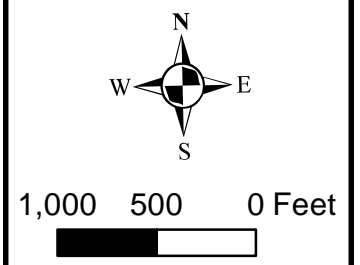
**FIGURE 4: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

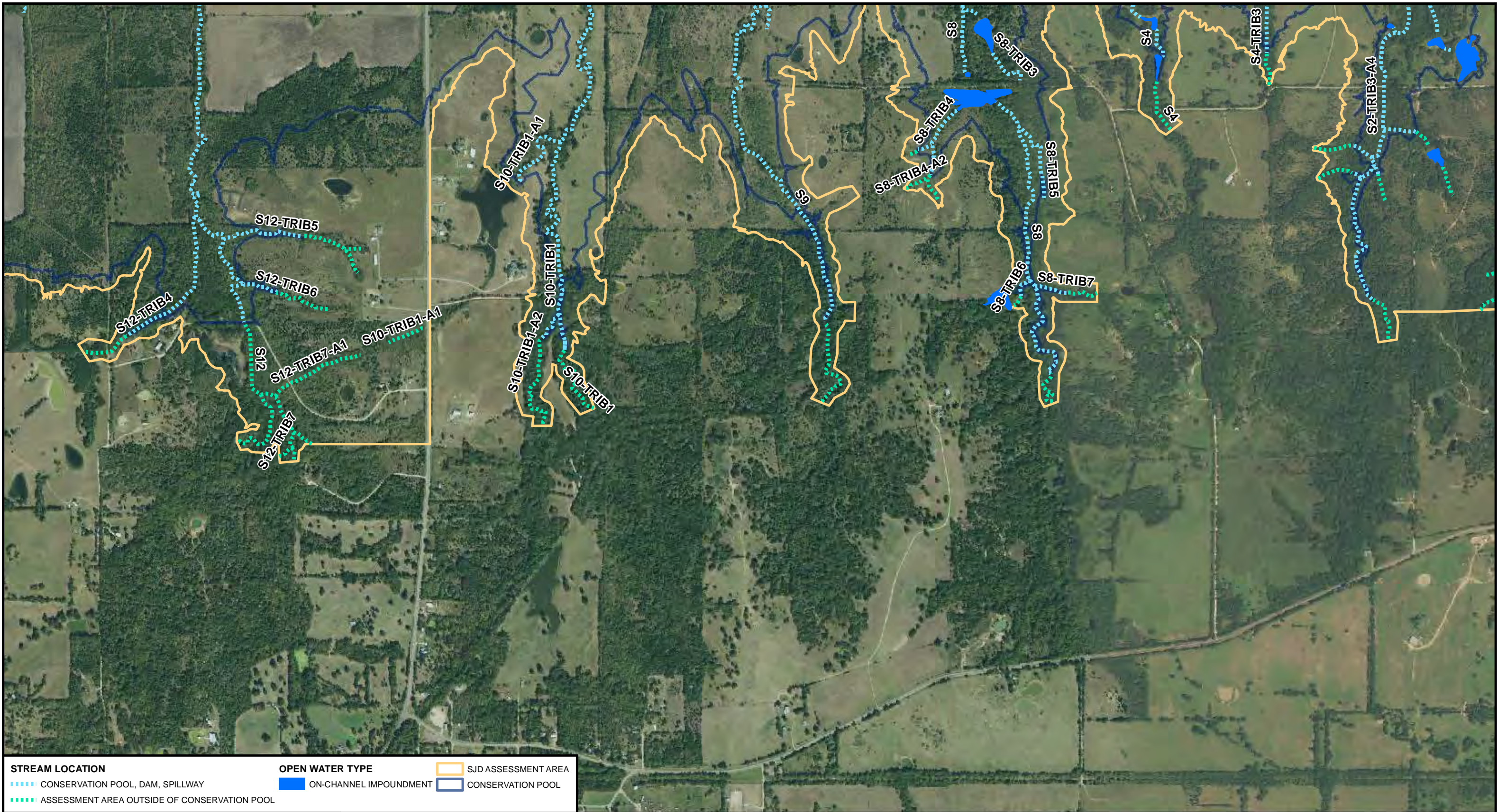


USACE PROJECT NO.:
SWF-2003-00336

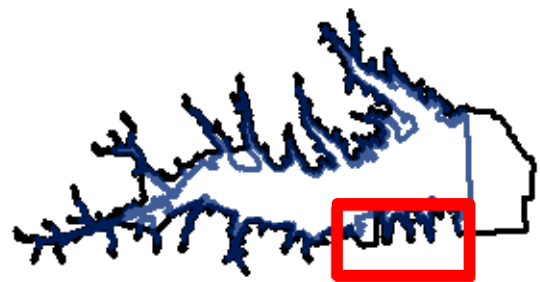
PREPARED BY:
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Date: 6/15/2017





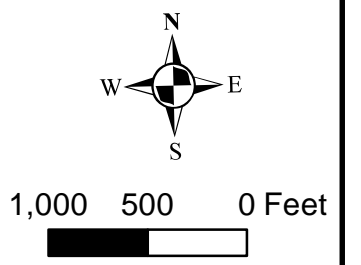
**FIGURE 5: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

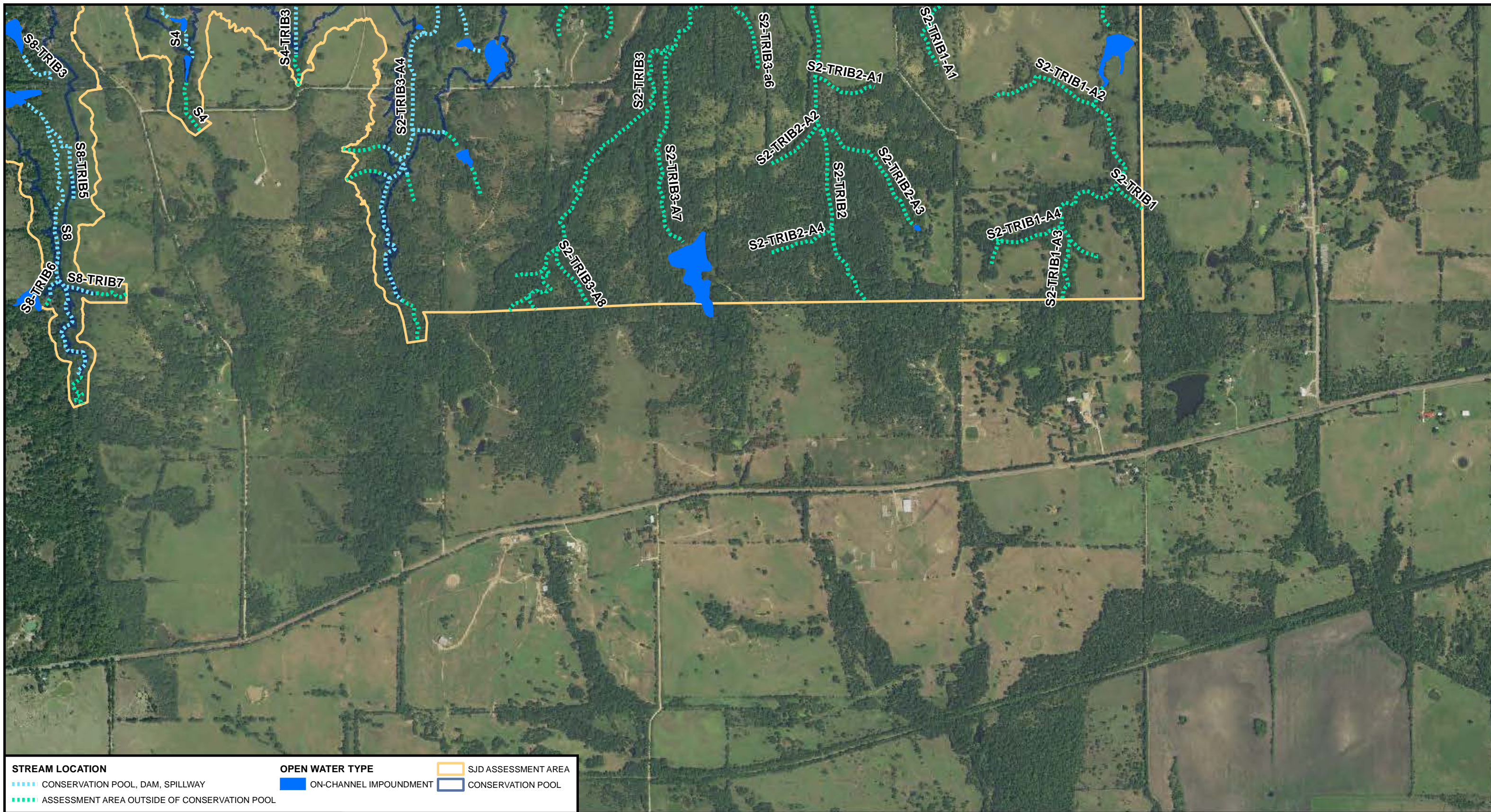


USACE PROJECT NO.:
SWF-2003-00336

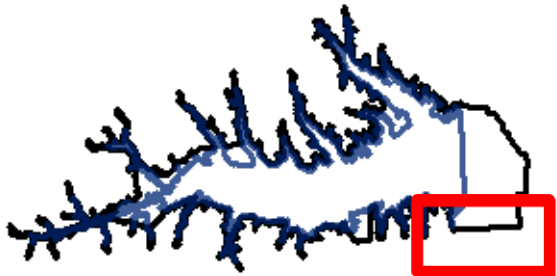
PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





STREAM LOCATION	OPEN WATER TYPE	SJD ASSESSMENT AREA
<ul style="list-style-type: none"> ■■■■ CONSERVATION POOL, DAM, SPILLWAY ■■■■ ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL 	<ul style="list-style-type: none"> ■ ON-CHANNEL IMPOUNDMENT ■ CONSERVATION POOL 	<ul style="list-style-type: none"> ■ SJD ASSESSMENT AREA ■ CONSERVATION POOL

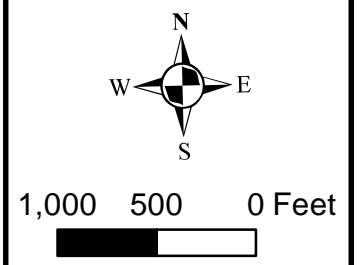


**FIGURE 6: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

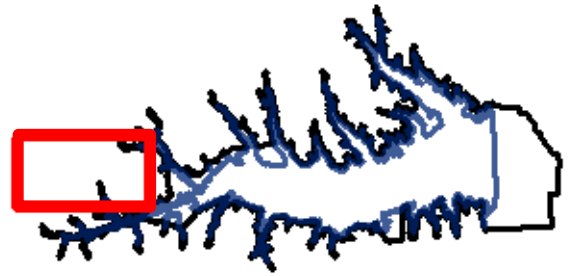
PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





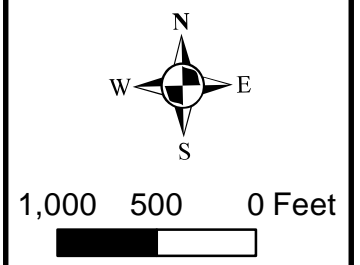
**FIGURE 7: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

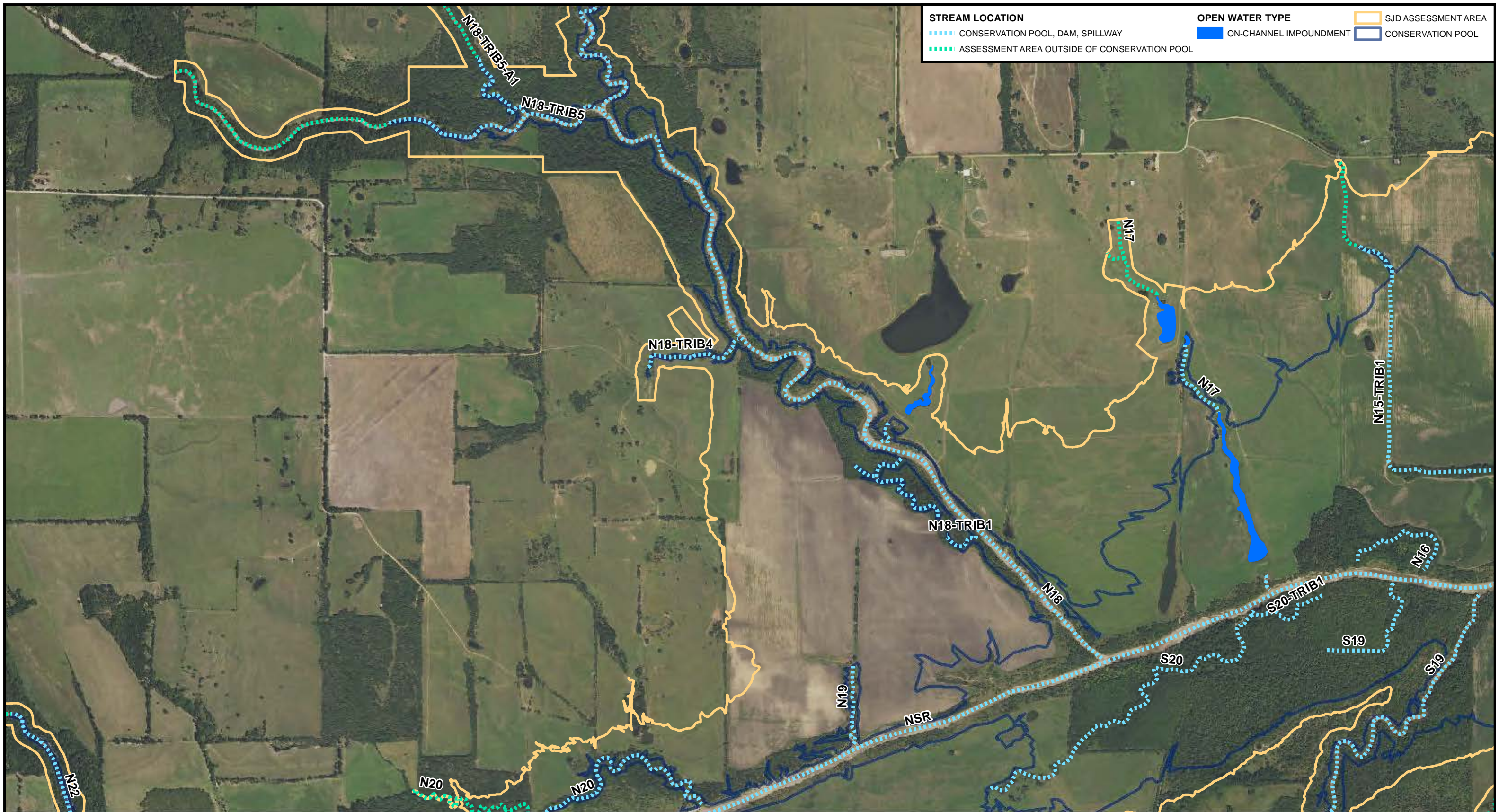


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Date: 6/15/2017





STREAM LOCATION

--- CONSERVATION POOL, DAM, SPILLWAY

--- ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL

OPEN WATER TYPE

ON-CHANNEL IMPOUNDMENT

CONSERVATION POOL

SJD ASSESSMENT AREA

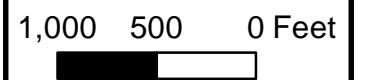


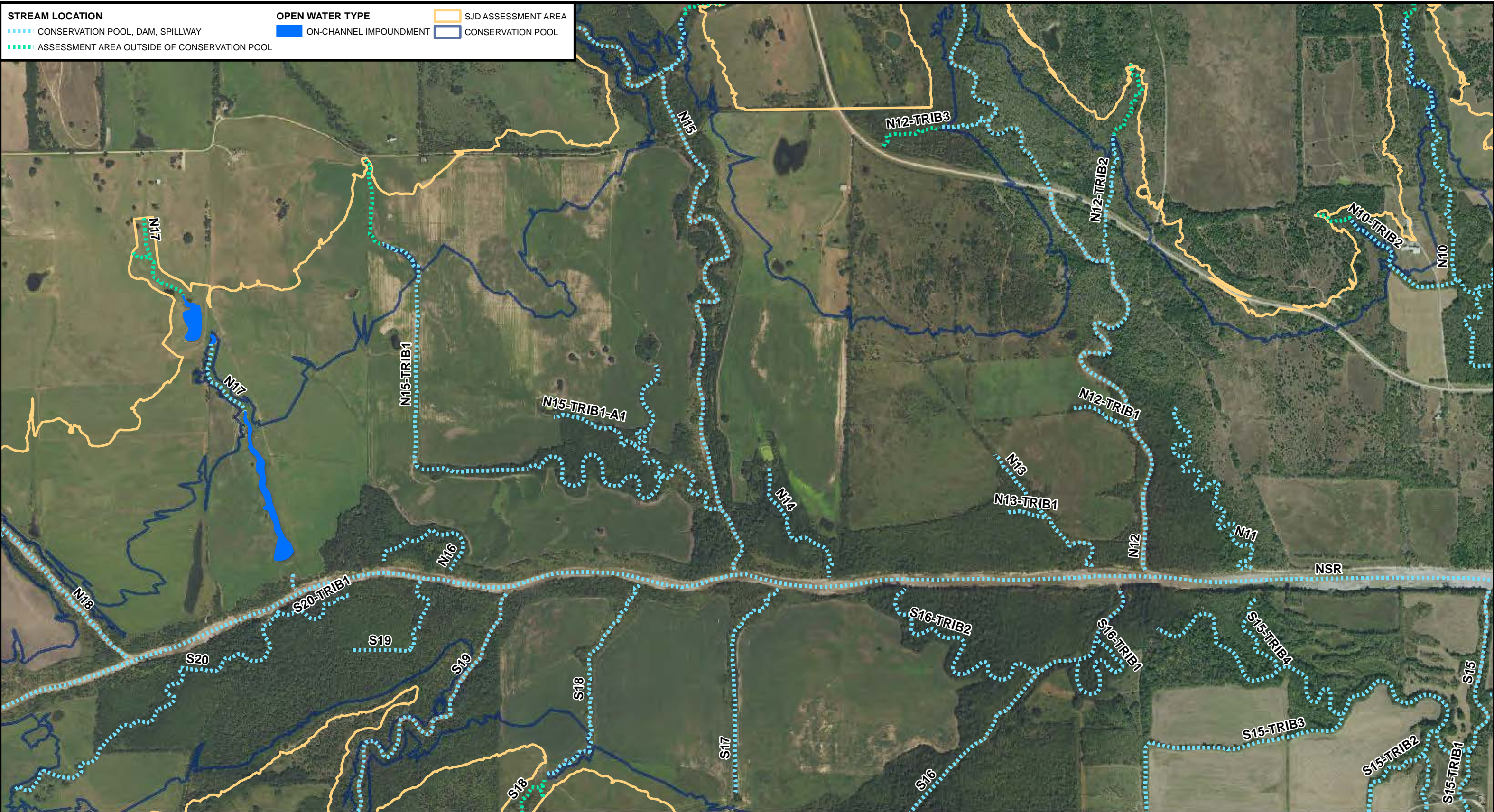
**FIGURE 8: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
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PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017



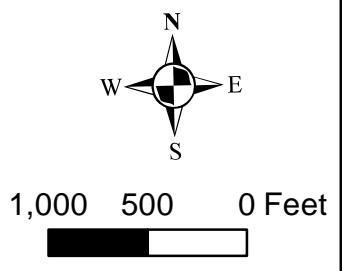


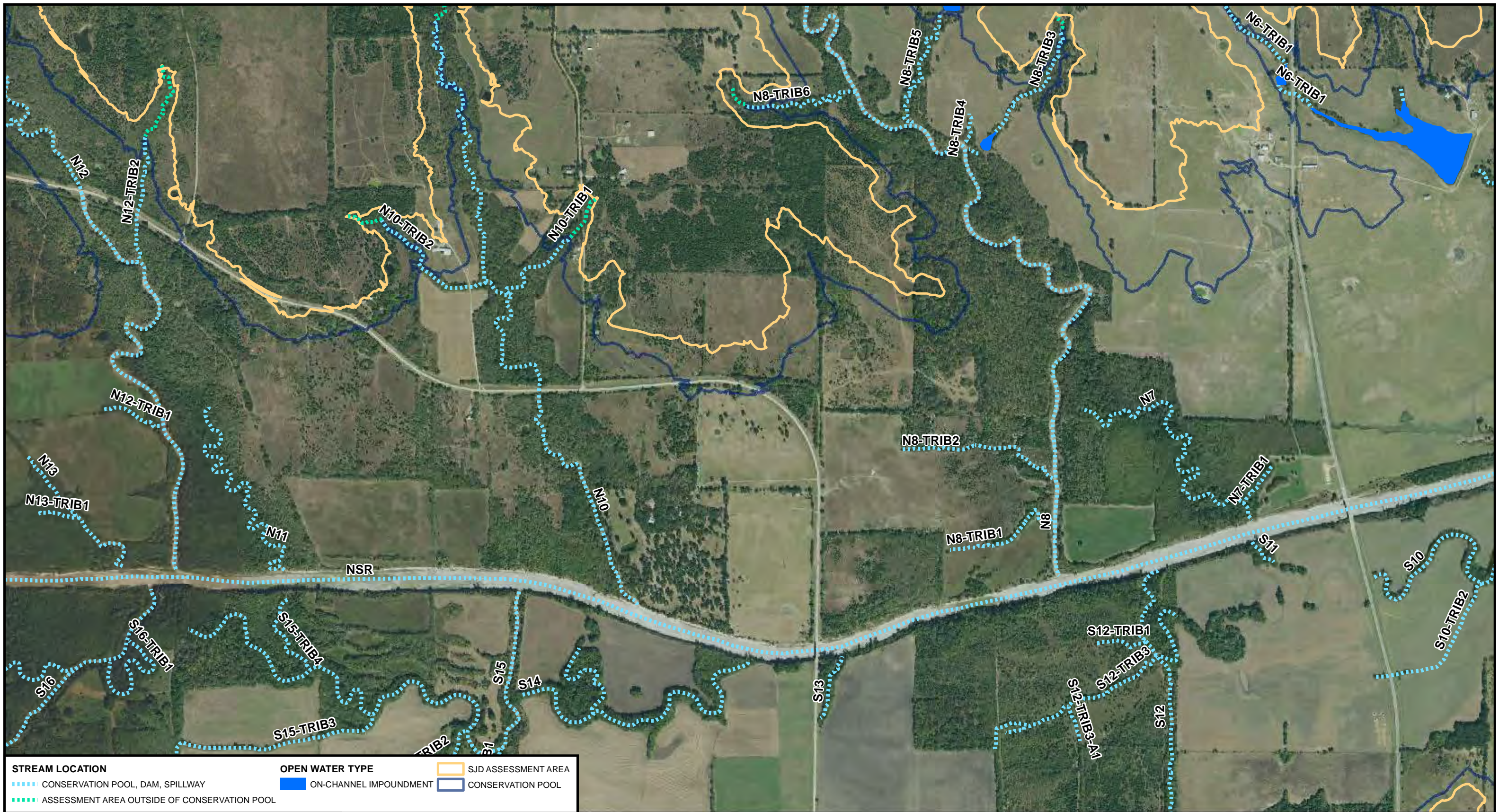
**FIGURE 9: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

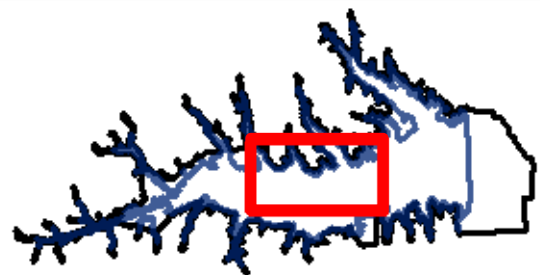
PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





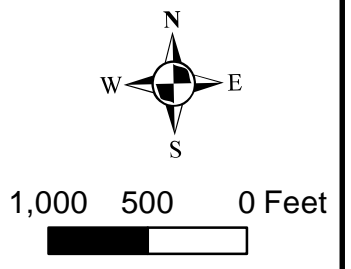
**FIGURE 10: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

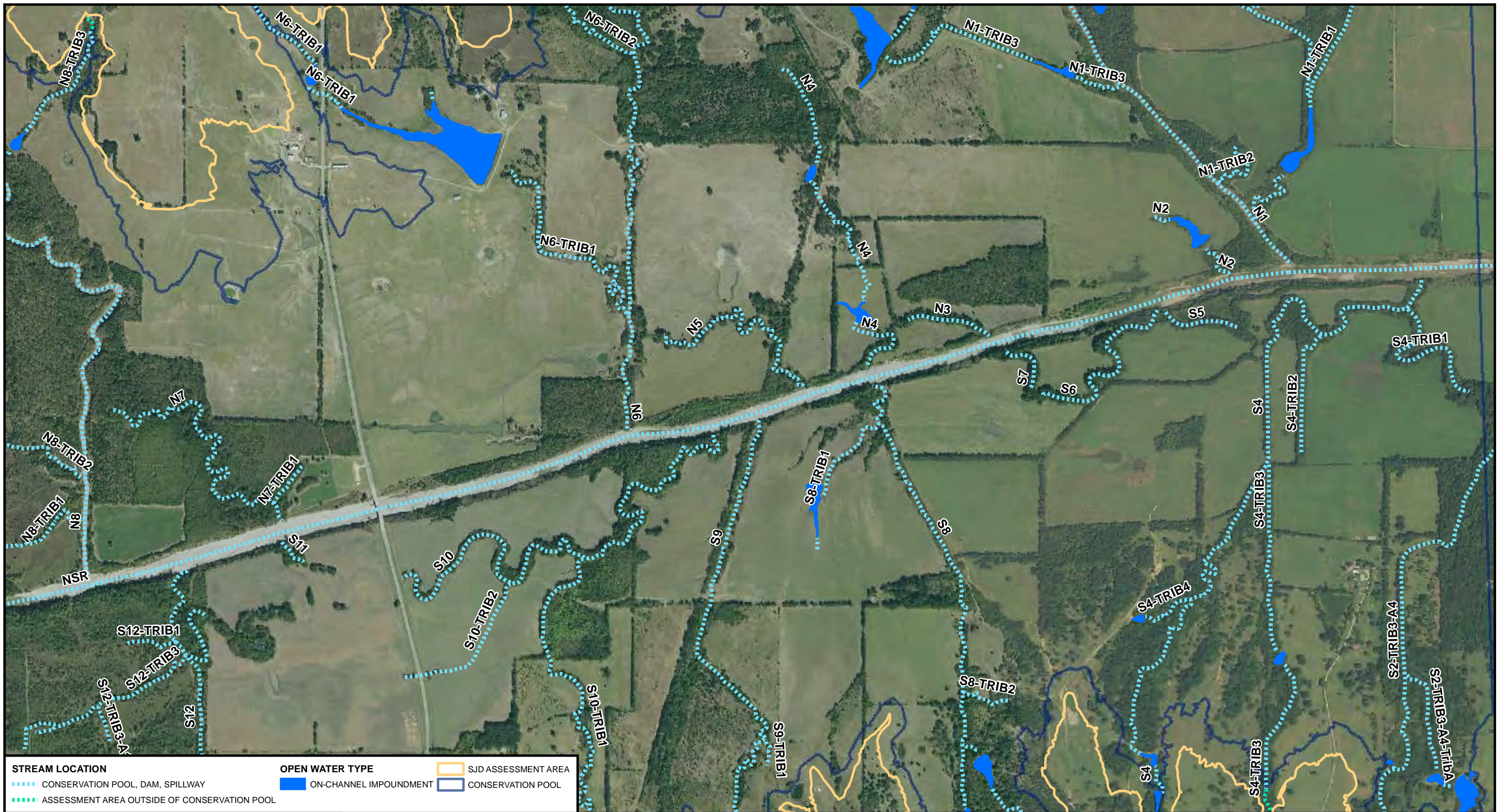


USACE PROJECT NO.:
SWF-2003-00336

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ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





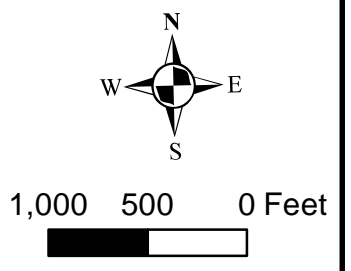
**FIGURE 11: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

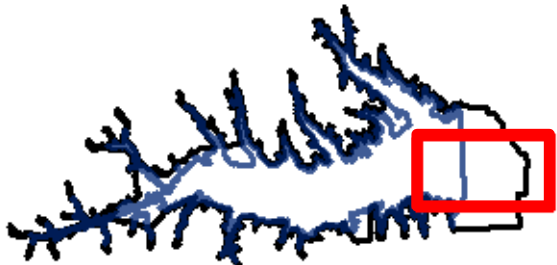
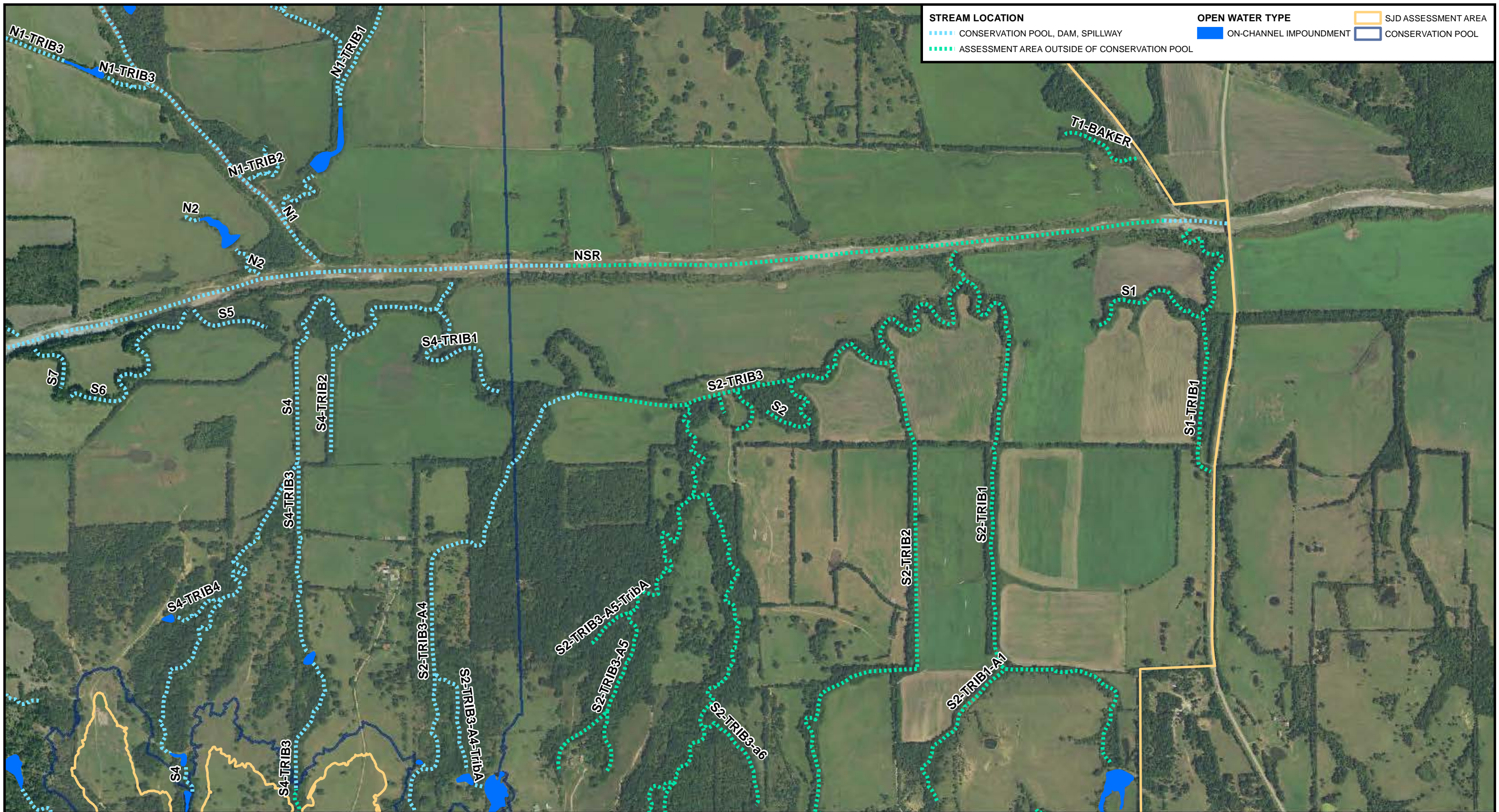


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SWF-2003-00336

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Date: 6/15/2017



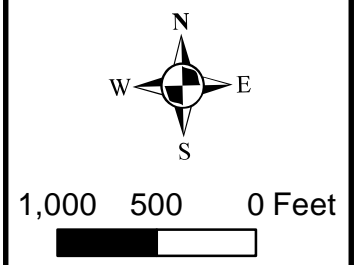


**FIGURE 12: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017



STREAM LOCATION

..... CONSERVATION POOL, DAM, SPILLWAY

..... ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL

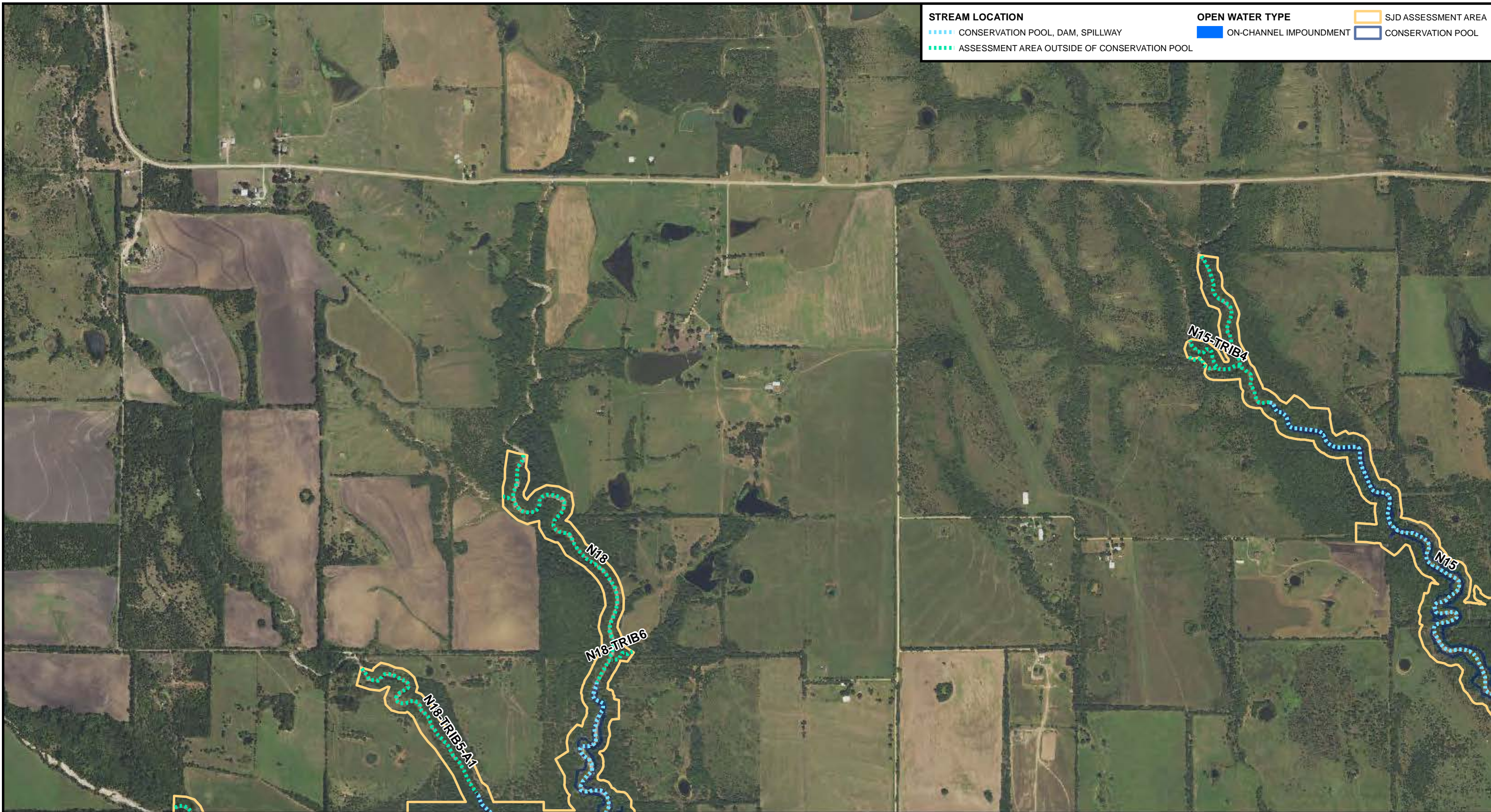
OPEN WATER TYPE

ON-CHANNEL IMPOUNDMENT

CONSERVATION POOL

SJD ASSESSMENT AREA

CONSERVATION POOL

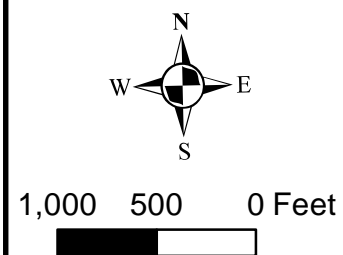


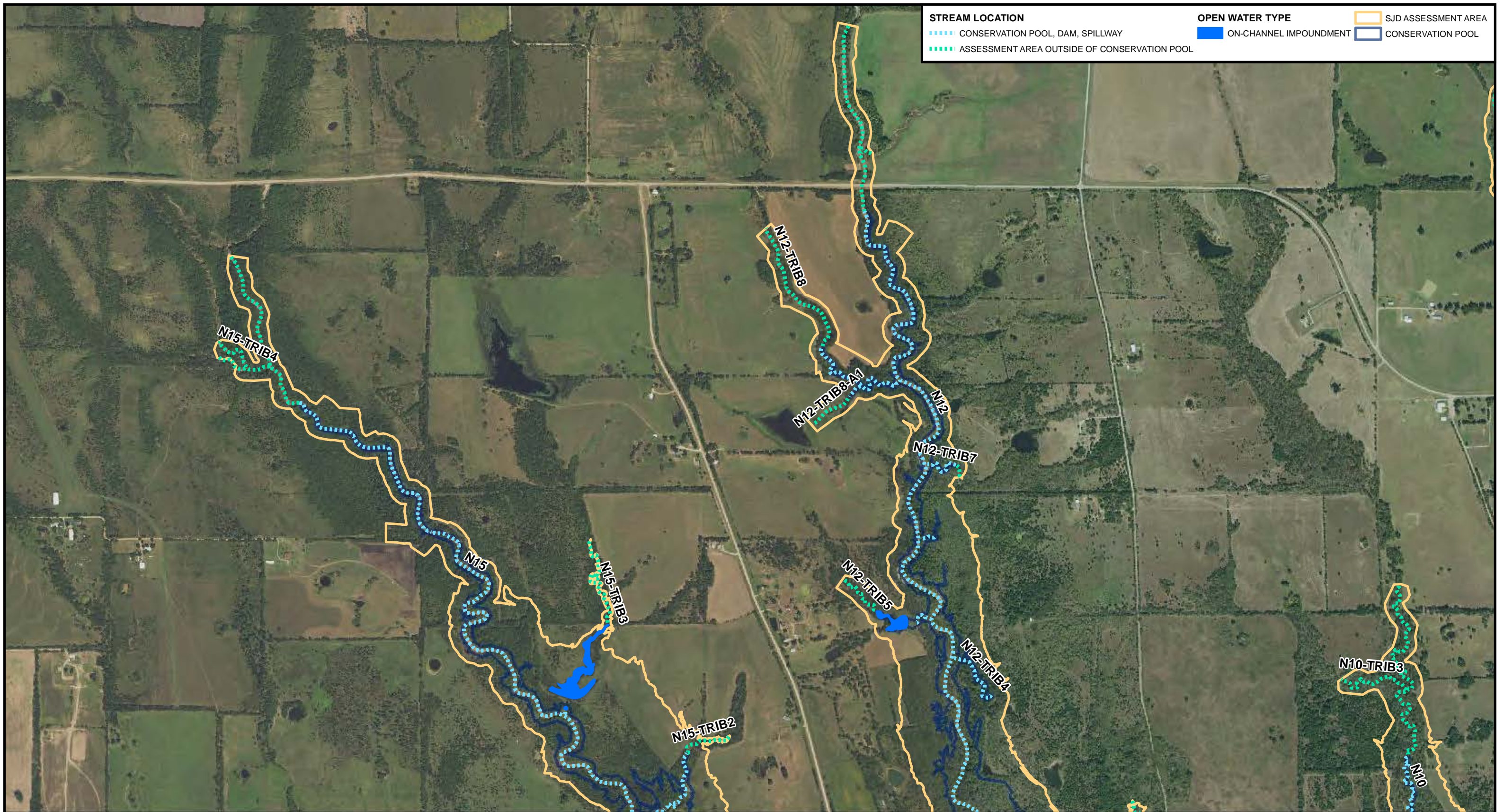
**FIGURE 13: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





STREAM LOCATION

CONSERVATION POOL, DAM, SPILLWAY

ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL

OPEN WATER TYPE

ON-CANNEL IMPONDMENT

SJD ASSESSMENT AREA

CONSERVATION POOL



**FIGURE 14: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

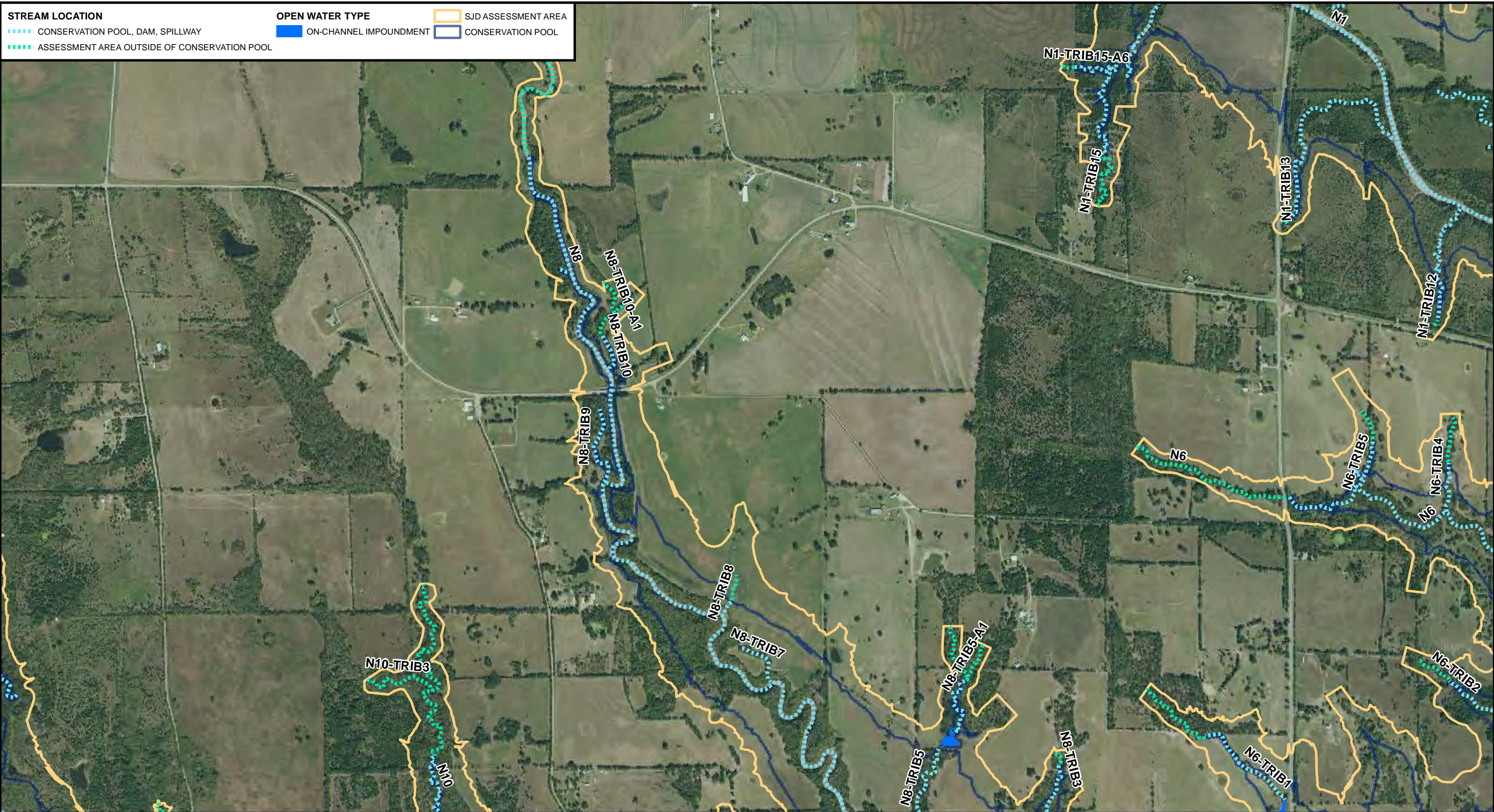
USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017



1,000 500 0 Feet



STREAM LOCATION	OPEN WATER TYPE	SJD ASSESSMENT AREA
<ul style="list-style-type: none"> CONSERVATION POOL, DAM, SPILLWAY ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL 	<ul style="list-style-type: none"> ON-CHANNEL IMPOUNDMENT CONSERVATION POOL 	<ul style="list-style-type: none"> SJD ASSESSMENT AREA CONSERVATION POOL



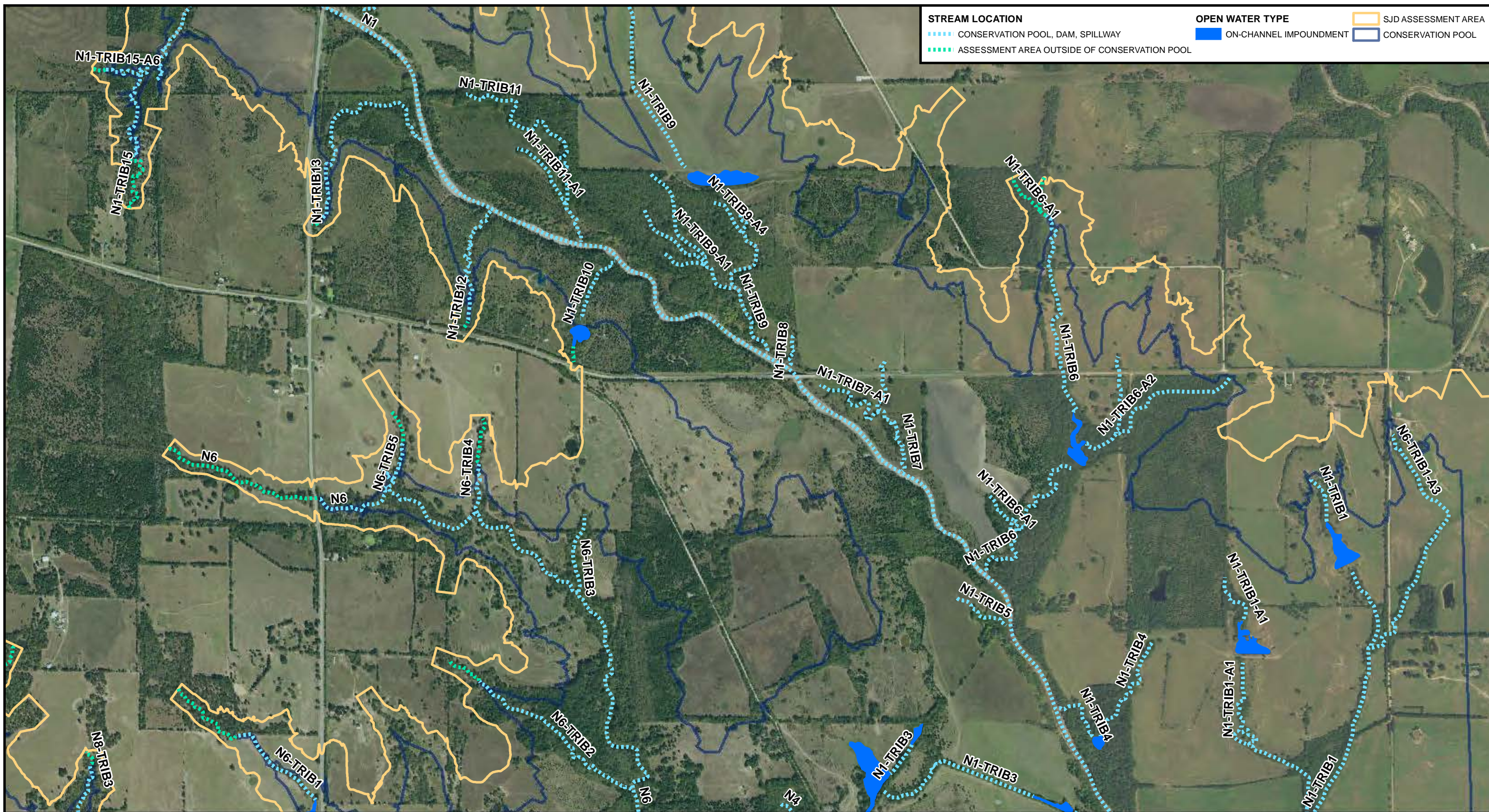
**FIGURE 15: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017

1,000 500 0 Feet



STREAM LOCATION

- CONSERVATION POOL, DAM, SPILLWAY
- ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL

OPEN WATER TYPE

- ON-CANNEL IMPOUNDMENT
- CONSERVATION POOL

SJD ASSESSMENT AREA

- CONSERVATION POOL

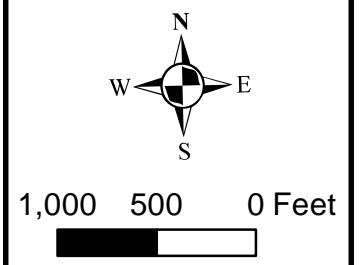


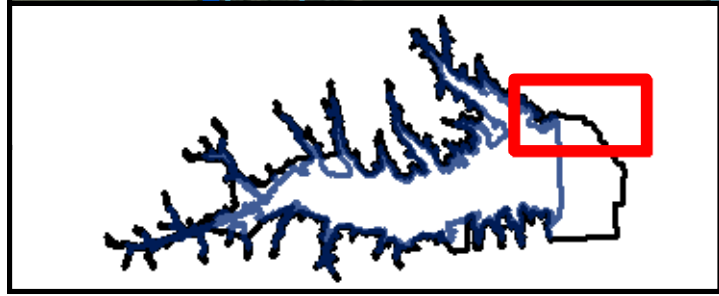
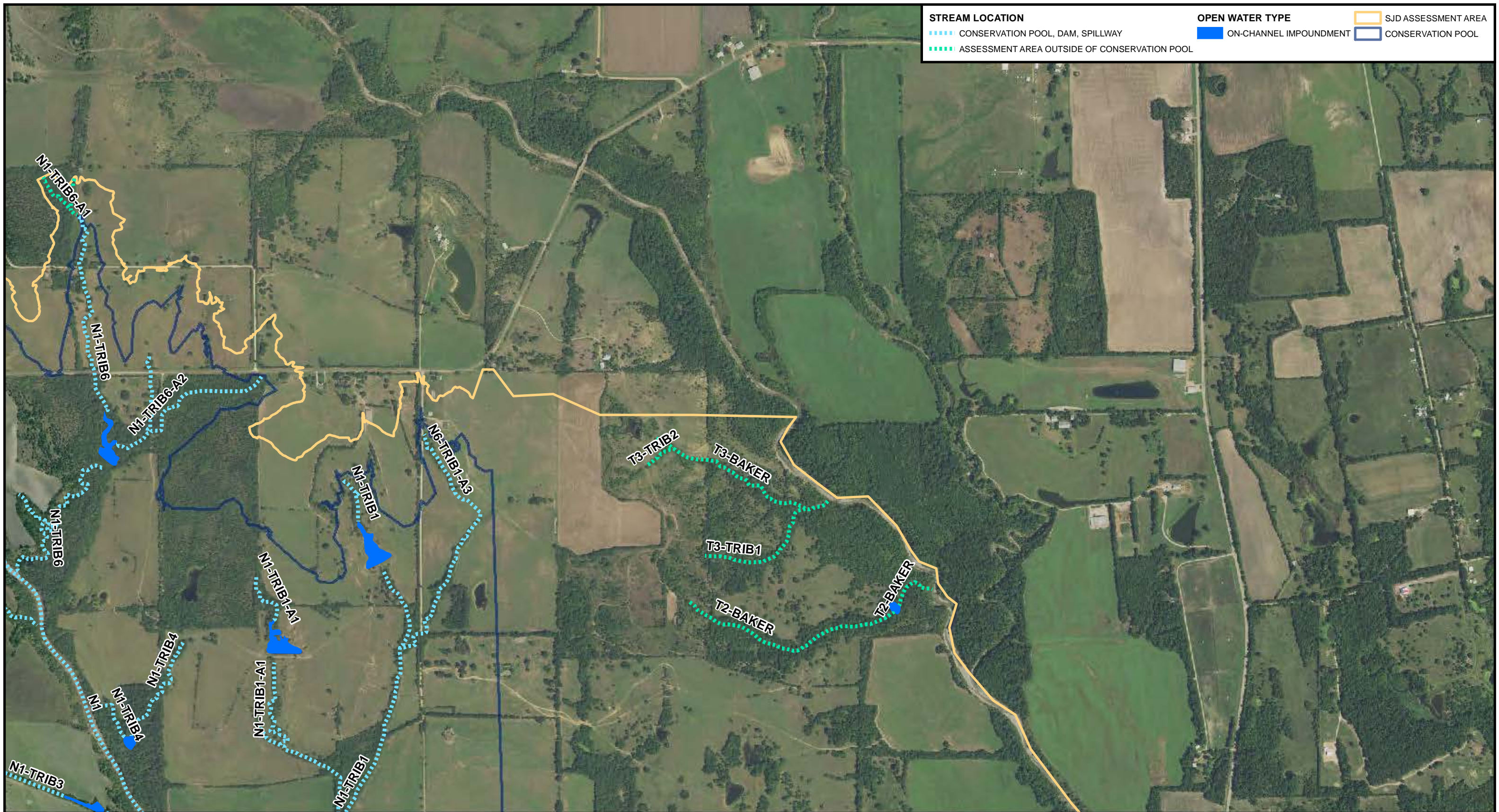
**FIGURE 16: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
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Date: 6/15/2017



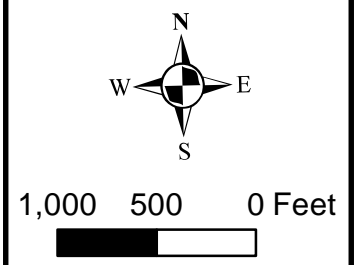


**FIGURE 17: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

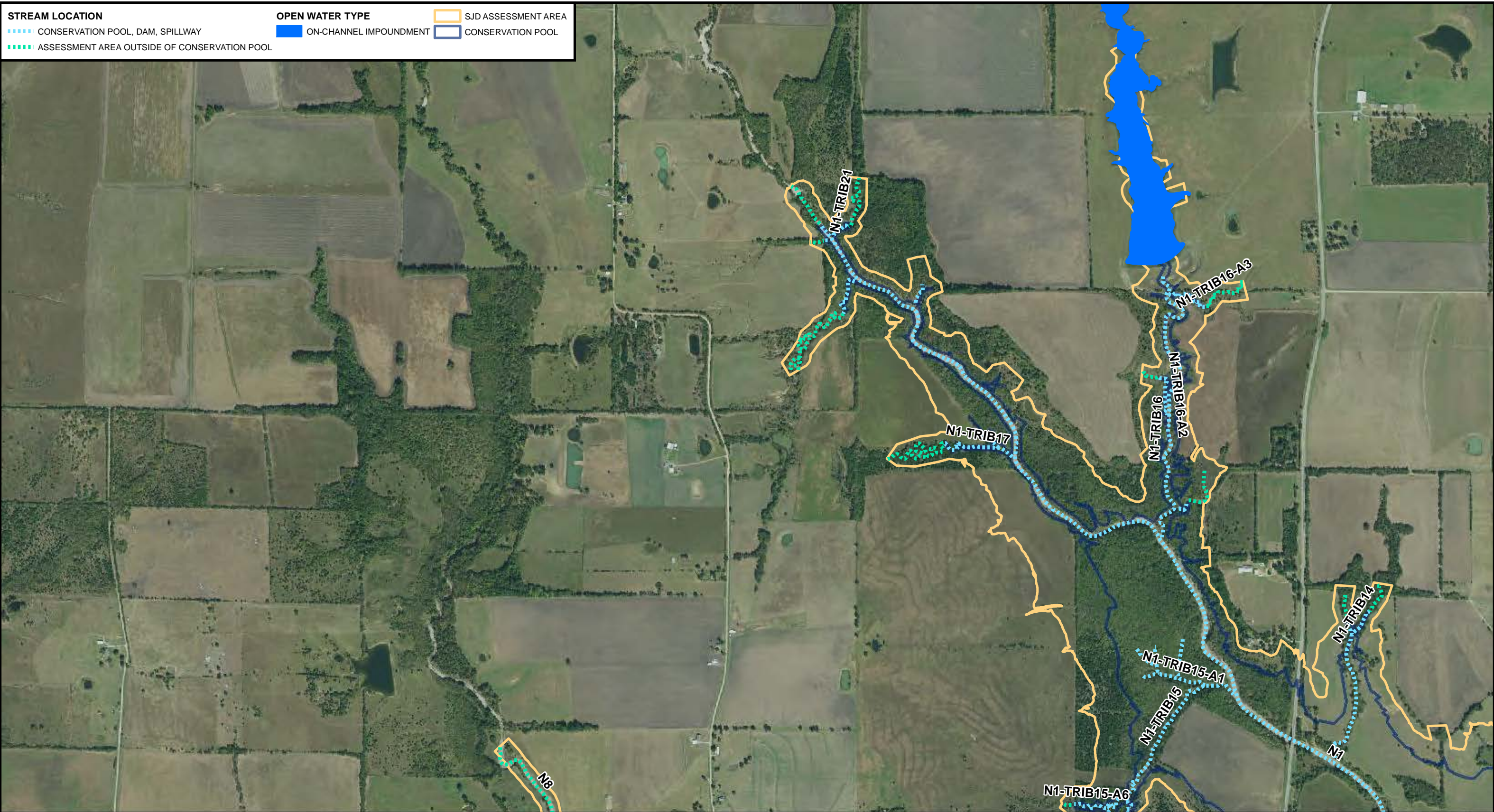
USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017



STREAM LOCATION	OPEN WATER TYPE	SJD ASSESSMENT AREA
<ul style="list-style-type: none"> CONSERVATION POOL, DAM, SPILLWAY ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL 	<ul style="list-style-type: none"> ON-CHANNEL IMPOUNDMENT 	<ul style="list-style-type: none"> CONSERVATION POOL

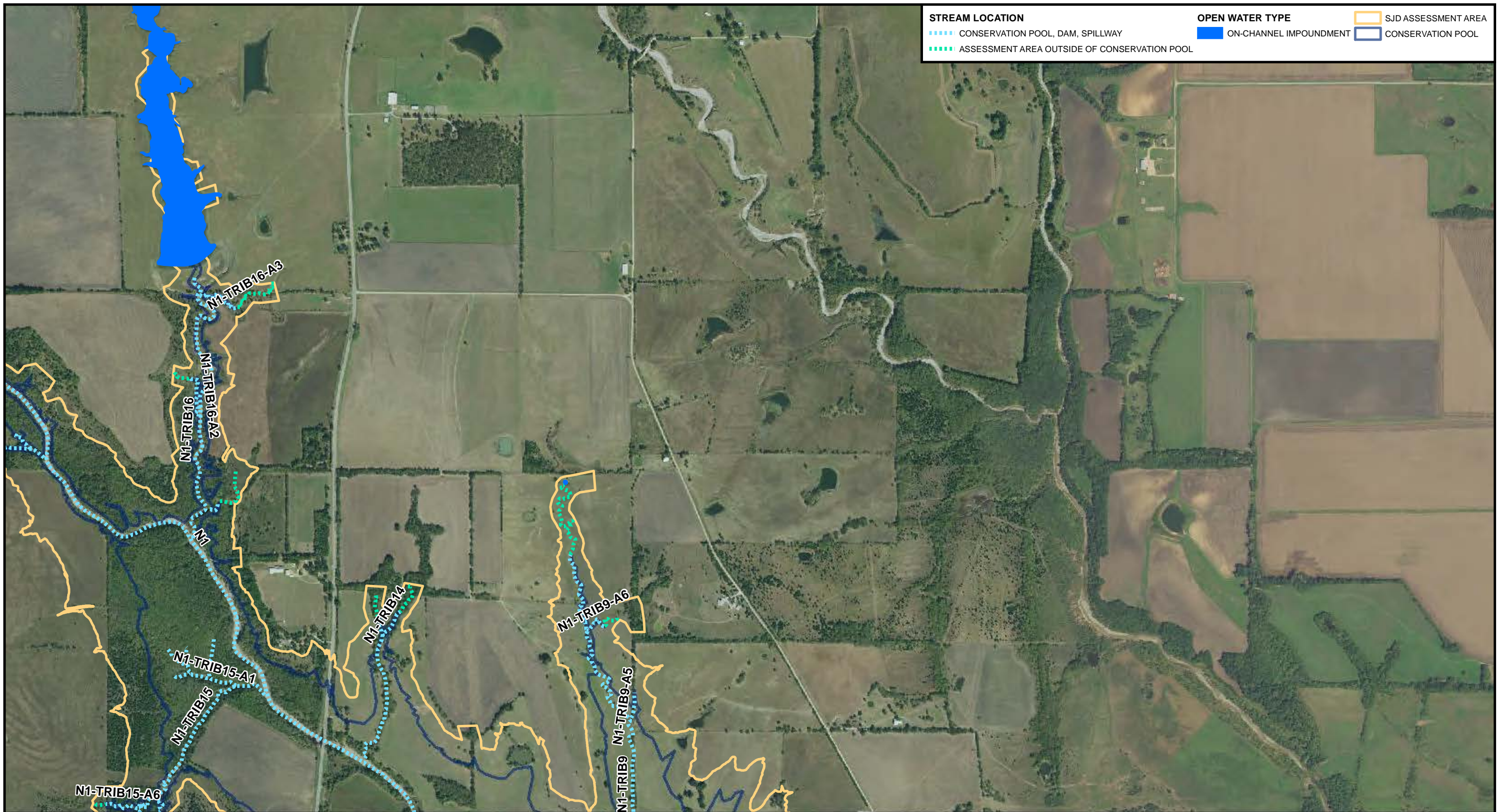


**FIGURE 18: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

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Date: 6/15/2017



STREAM LOCATION

CONSERVATION POOL, DAM, SPILLWAY

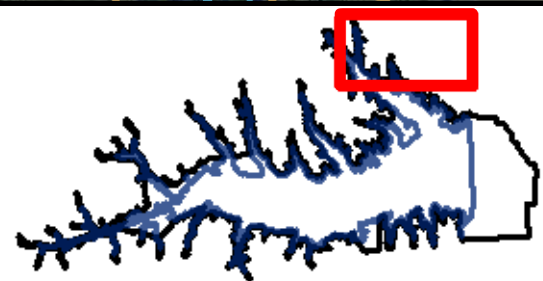
ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL

OPEN WATER TYPE

ON-CANNEL IMPONDMENT

SJD ASSESSMENT AREA

CONSERVATION POOL



**FIGURE 19: DELINEATED STREAMS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

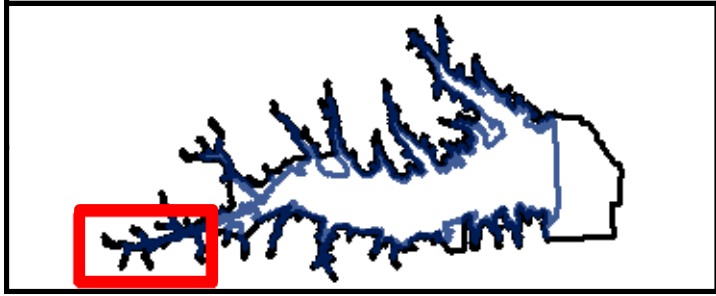
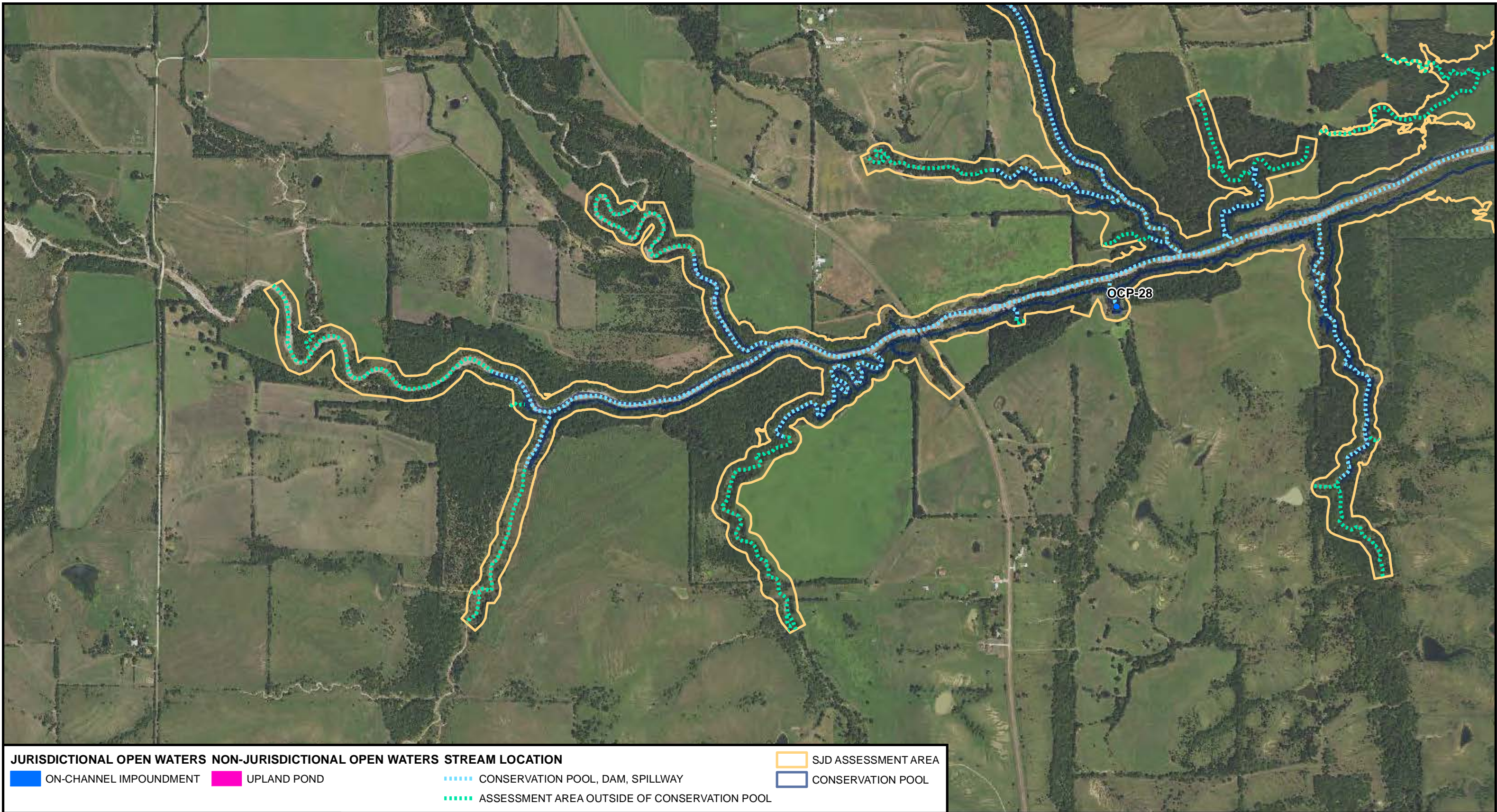
PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017



1,000 500 0 Feet

MAPBOOK
DELINEATED OPEN WATERS

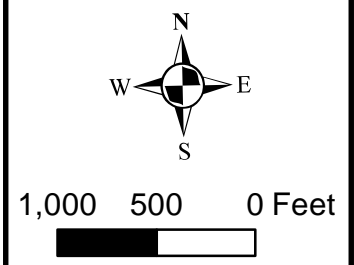


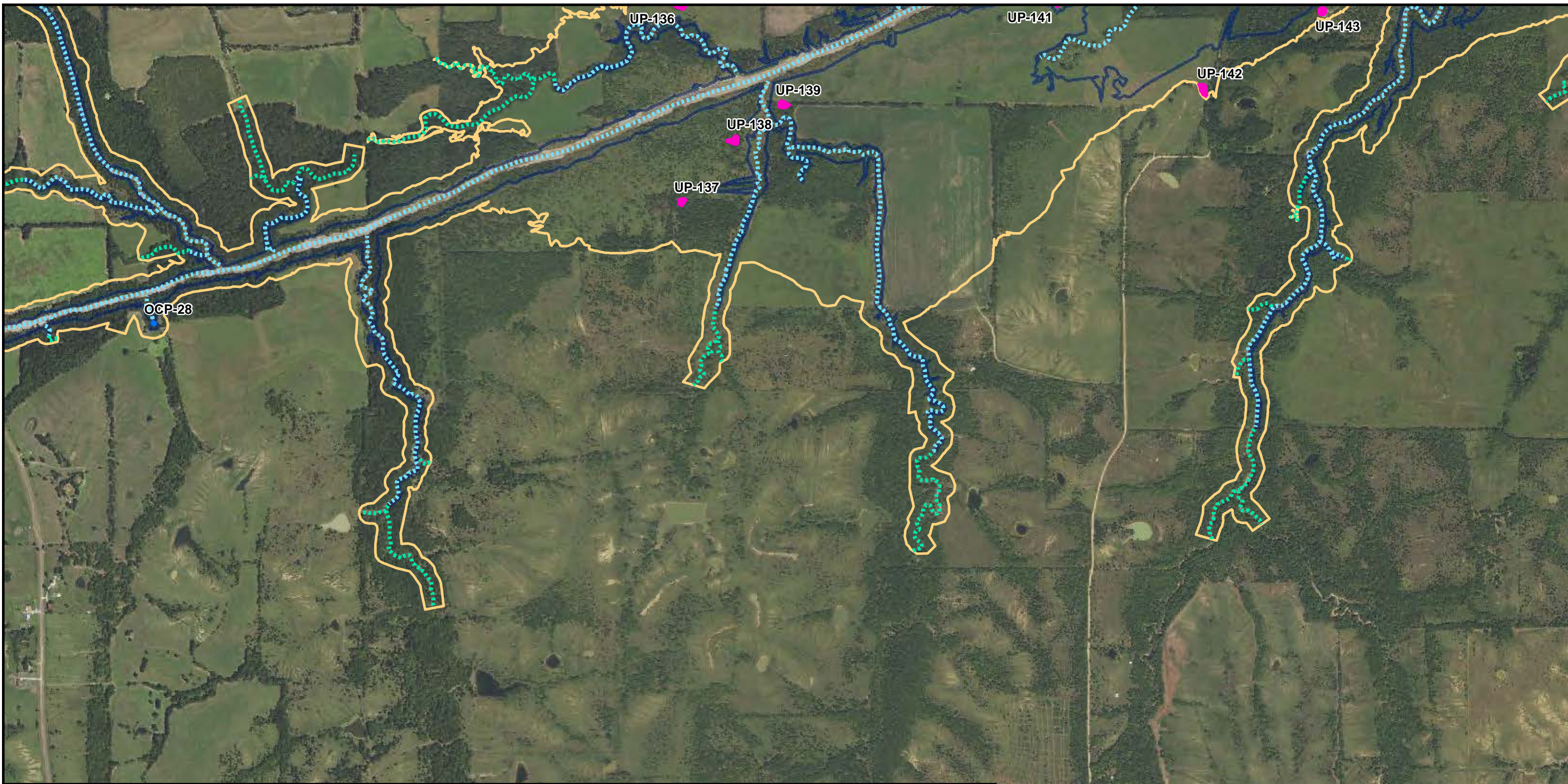
**FIGURE 1: DELINEATED OPEN WATERS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

USACE PROJECT NO.:
SWF-2003-00336

PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





JURISDICTIONAL OPEN WATERS	NON-JURISDICTIONAL OPEN WATERS	STREAM LOCATION	SJD ASSESSMENT AREA
ON-CHANNEL IMPOUNDMENT	UPLAND POND	CONSERVATION POOL, DAM, SPILLWAY	CONSERVATION POOL
		ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL	

**FIGURE 2: DELINEATED OPEN WATERS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**



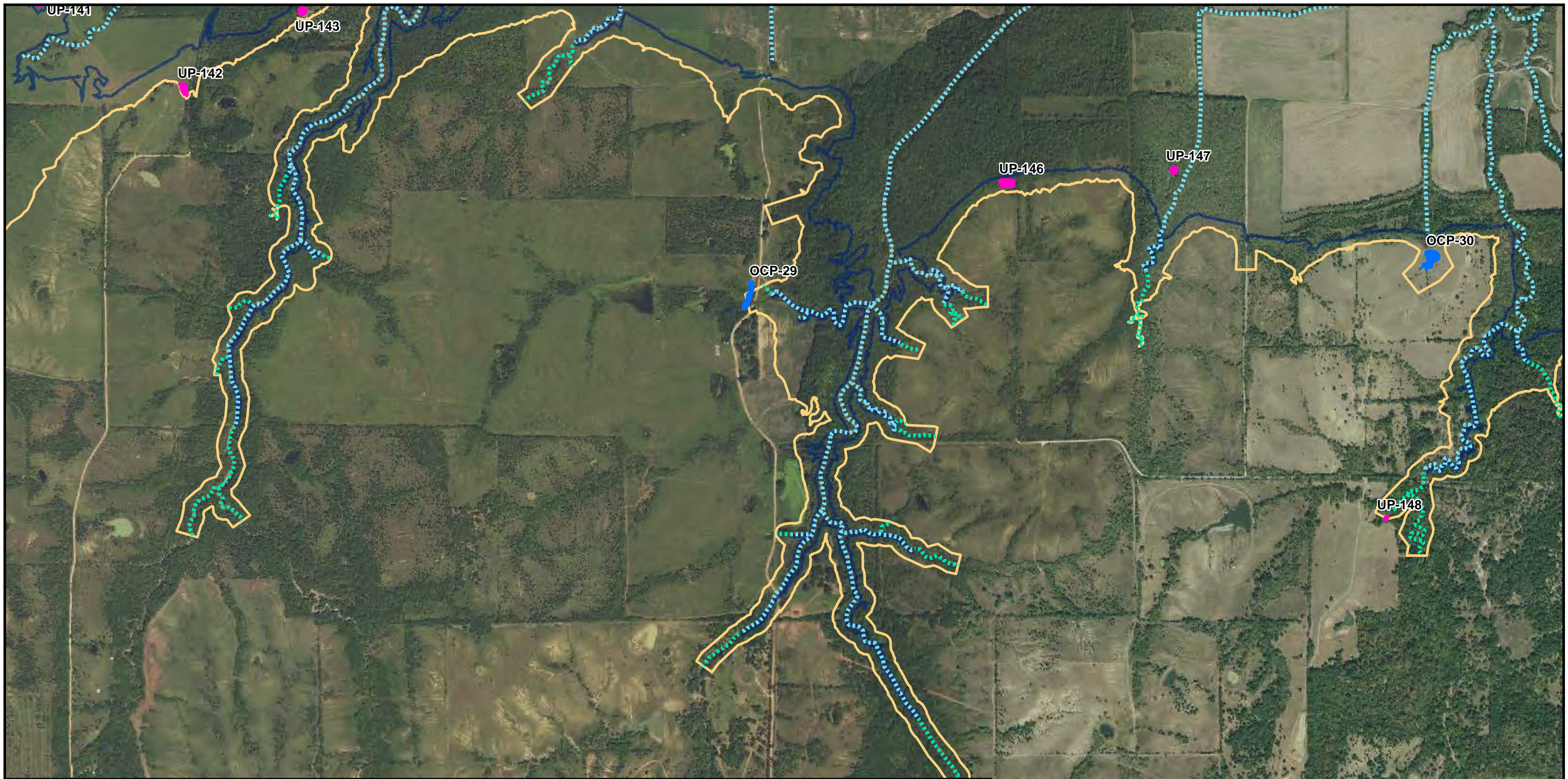
USACE PROJECT NO.:
SWF-2003-00336







PREPARED BY:
ALAN PLUMMER ASSOC., INC.

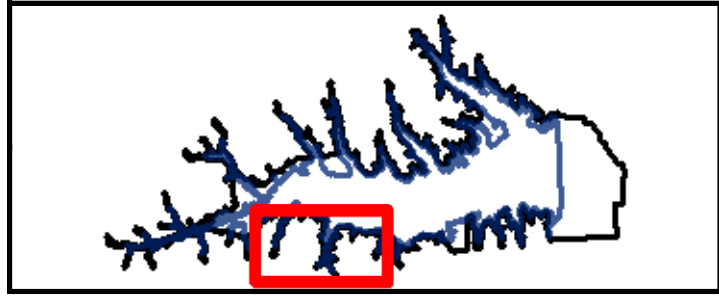
Date: 6/15/2017

N
 W E
 S

1,000 500 0 Feet



JURISDICTIONAL OPEN WATERS	NON-JURISDICTIONAL OPEN WATERS	STREAM LOCATION	 SJD ASSESSMENT AREA
 ON-CHANNEL IMPOUNDMENT	 UPLAND POND	 CONSERVATION POOL, DAM, SPILLWAY	 CONSERVATION POOL
		 ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL	




**FIGURE 3: DELINEATED OPEN WATERS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**


USACE PROJECT NO.:
SWF-2003-00336

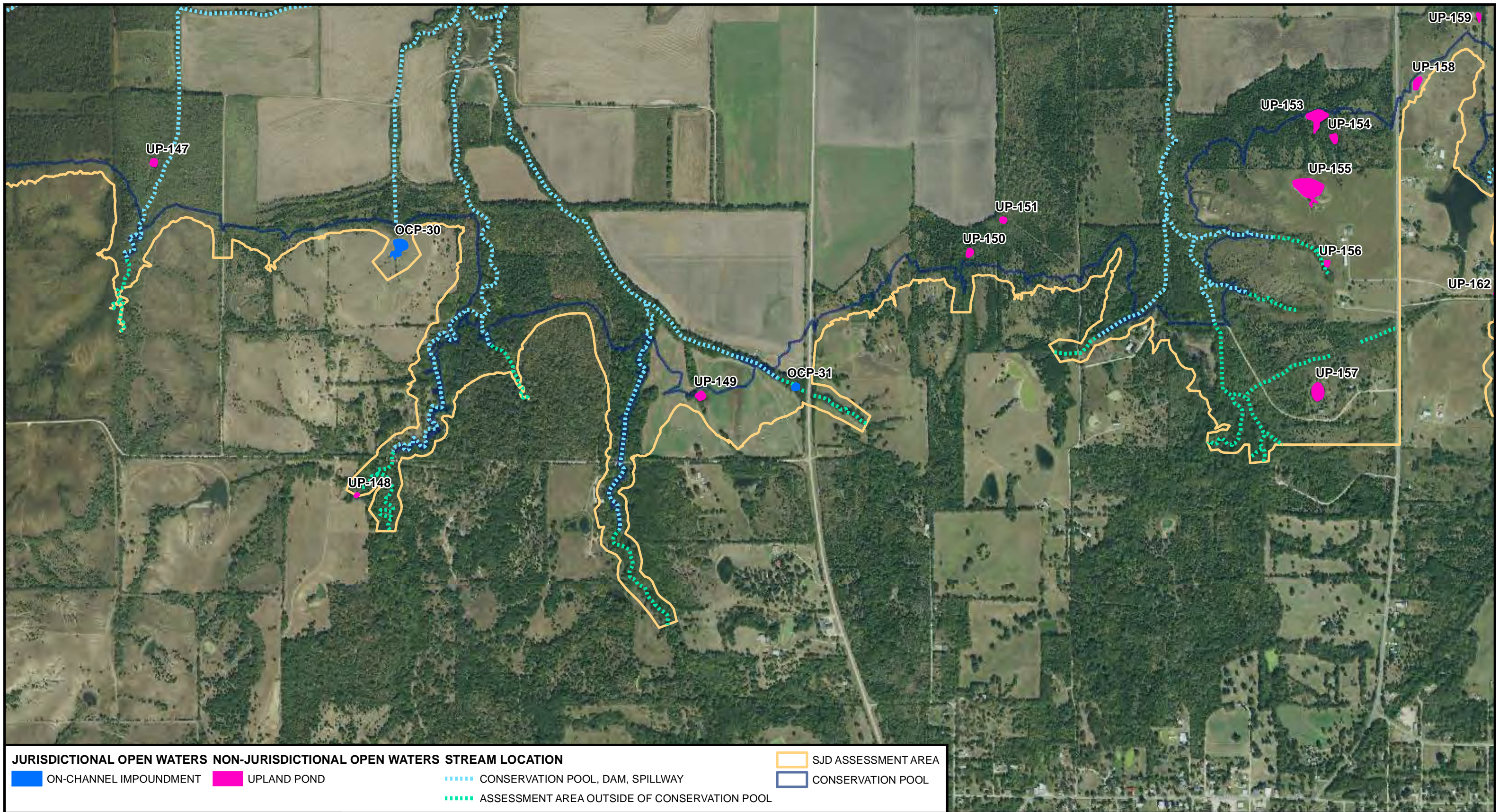
PREPARED BY:
ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017

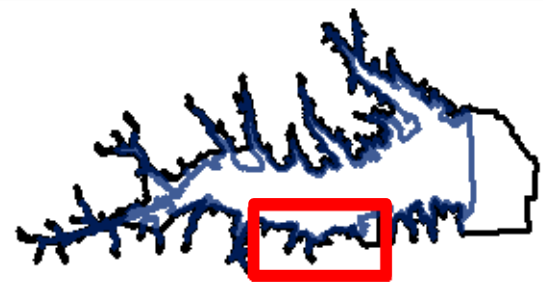


1,000 500 0 Feet





JURISDICTIONAL OPEN WATERS	NON-JURISDICTIONAL OPEN WATERS	STREAM LOCATION	SJD ASSESSMENT AREA
ON-CHANNEL IMPOUNDMENT	UPLAND POND	CONSERVATION POOL, DAM, SPILLWAY	CONSERVATION POOL
		ASSESSMENT AREA OUTSIDE OF CONSERVATION POOL	

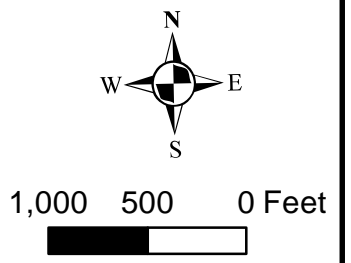


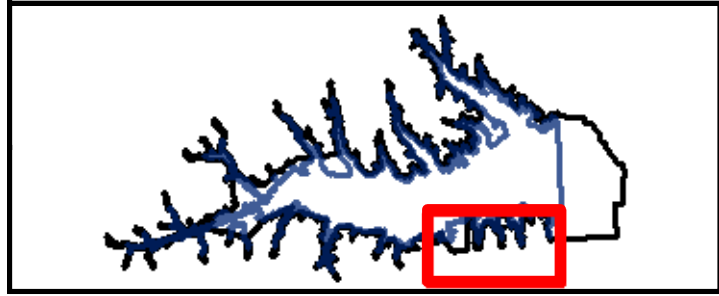
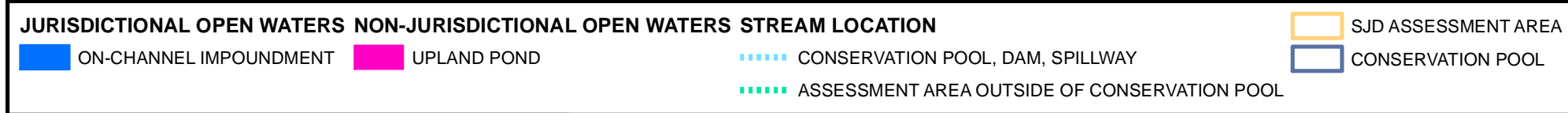
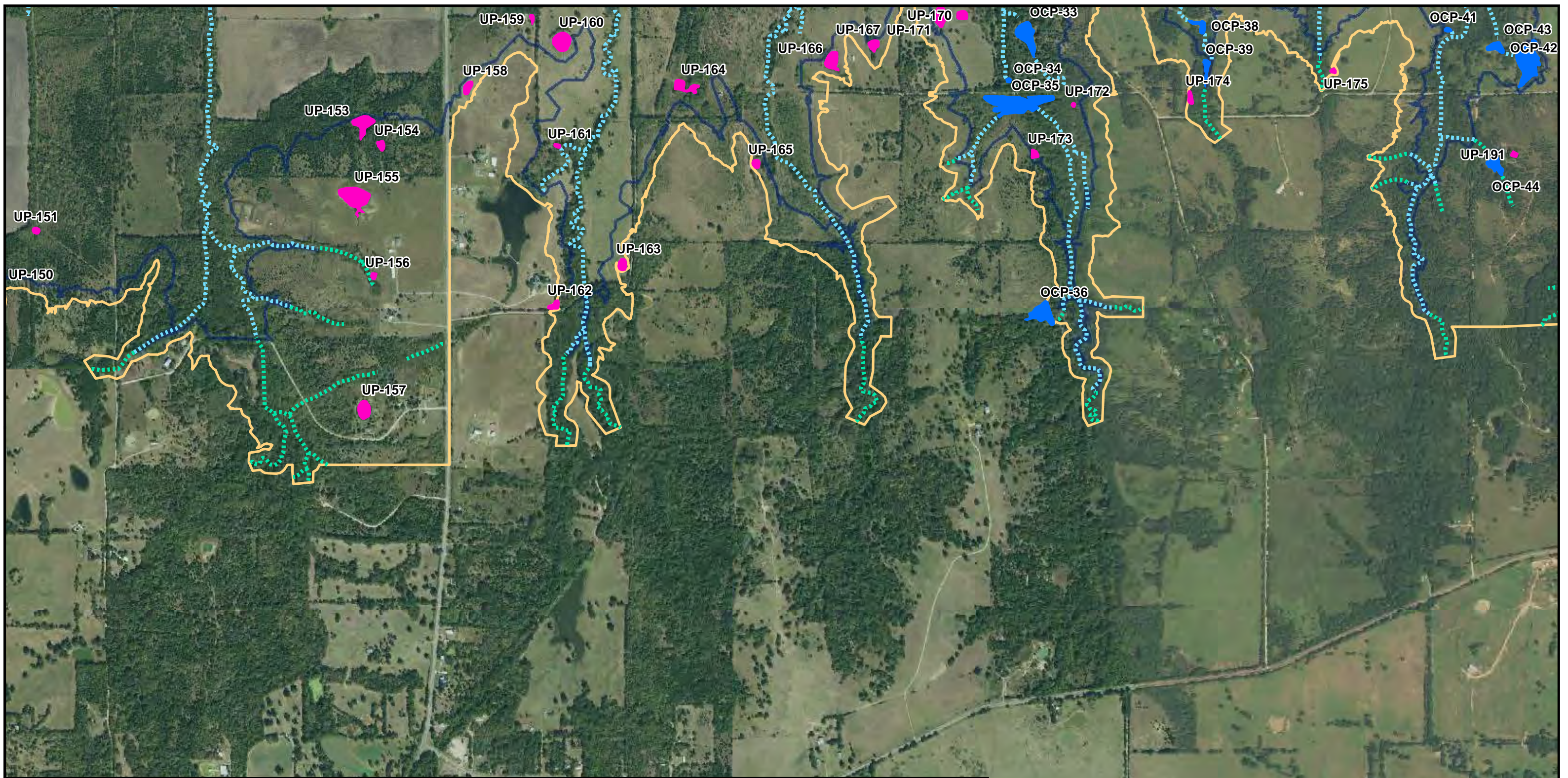
**FIGURE 4: DELINEATED OPEN WATERS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

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SWF-2003-00336

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ALAN PLUMMER ASSOC., INC.

Date: 6/15/2017





**FIGURE 5: DELINEATED OPEN WATERS
PROPOSED LAKE RALPH HALL
SUPPLEMENTAL JURISDICTIONAL DETERMINATION**

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