

Managing Easement Information in a Digital Age

Wendie Sharp

GIS Specialist

Conservation Programs

Oklahoma Conservation Commission



EASEMENT

THIS INDENTURE, made and executed this 27 day of Sept 1966, by and between Willard Adams hereinafter called GRANTOR, and the Oklahoma Department of Wildlife Conservation by and through the Oklahoma Wildlife Conservation Commission, hereinafter called GRANTEE:

WITNESSETH: For and in consideration of the sum of \$1.00 (one dollar and no one-hundredths) and other good and valuable considerations, receipt of which is hereby acknowledged, said Grantor hereby grants and conveys unto said Grantee an easement, through, over, upon and across the following described property, situated in Washita County, Oklahoma, to-wit: SE1/4, SE1/4, SW1/4 of Section #7, Township 8 North, Range 15 West. For The Purposes Hereinafter Expressed, subject to such conditions or restrictions set forth herein, to-wit: 1. Water may be impounded temporarily on a small portion of said land. 2. Grantor will retain his just and rightful control over said premises at all times. 3. The rights and privileges herein granted are subject to prior easements, rights-of-way, mineral reservations or other rights appearing on record. 4. This agreement and all provisions expressed herein shall be binding upon the heirs, executors, successors or assigns of the parties hereto. 5. It is the express intent of said Grantor to limit this easement to the surface of said lands for the purposes herein set forth; that oil, gas or other minerals in or under same are hereby expressly excepted from the operation of this easement.

STATE OF OKLAHOMA, COUNTY OF KIOWA, SS: This instrument was filed on April 25, 1961 and duly recorded in book 387, page 105 of the record of this office. Witness my hand and official seal. BONNIE DAREY, County Clerk

GRANTOR-GRANTEE-NUMERICAL A-967 By C. A. Smelser Deputy Easement

(For Construction and Impoundment Purposes) For and in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt whereof is hereby acknowledged,

C. A. Smelser and Eloise Smelser (wife) of Roosevelt, Oklahoma, Grantor, does hereby grant, bargain, sell, convey and release unto Mountain View Soil Conservation District

of Mountain View, Oklahoma its successors and assigns Grantee, an easement in, over and upon the following described land situated in the County of Kiowa, State of Oklahoma, to wit: W1/2 of SE1/4 Sec. 16 - 5N - 15W (Site 9)

for the purpose of: For or in connection with the construction, operation, maintenance and inspection of the following described works of improvement to be located on the above described land; for the flowage of any waters in, over, upon or through such works of improvement; and for the permanent storage and temporary detention, either or both, of any waters that are impounded, stored or detained by such works of improvement:

- Detention structure on Rainy Mountain Creek 1. In the event construction of the above described works of improvement is not commenced within 5 years from the date hereof, the rights and privileges herein granted shall at once revert to and become the property of the Grantor, his heirs and assigns. 2. This easement includes the rights of ingress and egress at any time over and upon the above described land of the Grantor and any other land of the Grantor adjoining said land for the purpose of construction, the checking of operations, and the inspection and maintenance of the structure. 3. There is reserved to the Grantor, his heirs and assigns, the rights and privileges to use the above described land at any time, in any manner and for any purpose that does not interfere with construction, operations, maintenance and inspection of the structure. 4. The rights and privileges herein granted are subject to all easement, rights-of-way, mineral reservations or other rights now outstanding in third parties. 5. The Grantee is responsible for operating and maintaining the above described works of improvement. 6. Special provisions:

TO HAVE AND TO HOLD the aforesaid easement in, over and upon the above described land of the Grantor with all the rights, privileges and appurtenances thereto belonging or in anywise appertaining, unto the Grantee, its successors and assigns for so long as they should use said easement for the purpose described above.

IN WITNESS WHEREOF the Grantor has executed this instrument on the day of APR 3 - '61, 19

C. A. Smelser Signature of Grantor (SEAL)

Eloise Smelser Signature of Grantor (SEAL)

ACKNOWLEDGMENT STATE OF OKLAHOMA } COUNTY OF KIOWA } SS.

Before me, the undersigned, a Notary Public in and for said County and State, on this APR 3 - '61 day of 19, personally appeared C. A. Smelser and Eloise Smelser, his wife, husband and wife, to me known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal, the date and year last hereinabove written. John V. Reese Notary Public My Commission Expires: Nov 4 - 1964

EASEMENT AGREEMENT FOR IMPOUNDING WATER

THIS INDENTURE, made and executed this day of 1963, by and between and his wife, residents of the County of State of Oklahoma, (hereinafter called the "Grantors"), and and his wife, residents of the County of State of Oklahoma, and the Murray County Soil Conservation District, county of Murray, State of Oklahoma, (hereinafter called "Grantees").

WITNESSETH THAT:

1. For and in consideration of the sum of One Dollar (\$1.00), or other good and valuable considerations, in hand paid by the Grantees to the Grantors, the receipt whereof the Grantors hereby acknowledge, the Grantors do hereby grant and convey unto the Grantees, their heirs, executors, administrators, and assigns, the right, privilege, and authority to use the lands hereinafter described, for the storage of waters which may be impounded by a dam to be constructed on other lands:

beginning at the SE corner of the SW1/4 of the SE1/4 and NW1/4, two hundred (200) ft. north thence 150' east, thence 150' south, thence 150' east to the point of commencement, Sec. 17, T. 1N, 2E. for flood water use only, not permanent storage as shown on the maps or plats on file in the office of said Grantee, reference to which is made for all purposes.

2. The Grantors herewith permit the Grantees the rights and privileges to enter upon said lands, to patrol and post such reservoirs against use during dangerous flood periods, and the Grantors agree that they will not license or authorize any person or persons to use said reservoirs during said flood periods.

3. This easement shall not pass, nor shall the same be construed to pass, to the Grantees any fee simple interest or title to the above-described lands.

4. The Grantors hereby warrant the title to the aforesaid land; however, the rights, privileges, and authority granted herein shall be subject to any easements, rights-of-way, mineral reservations, or other rights upon, over, across or under said lands now outstanding in third persons; and subject to the right of the Grantors, their heirs, executors, administrators, and assigns to use all or any part of the aforesaid lands at any time for any purpose, provided such does not interfere with the rights and privileges hereby granted.

TO HAVE AND TO HOLD the aforesaid easement unto the Grantees, their heirs, executors, administrators, and assigns for so long as the Grantees, their heirs, executors, administrators, and assigns shall continue to use said easement for the purpose described above. If the Grantees fail to commence the construction of said dam within five years or shall abandon said dam, for a period of five years, the rights and privileges herein granted shall cease and determine.

IN WITNESS WHEREOF, the parties hereto subscribe their names and affix their seal as of the day and year first above written.

Guyon B. Brown GRANTORS

Murray County Soil Conservation District

By Richard Norton Chairman, Board of Supervisors GRANTEES

Easement

(For Construction and Impoundment Purposes)

For and in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt whereof is hereby acknowledged,

Ray M. Watson and Margaret Watson, his wife

of Wvneewood, Grantor, does hereby grant, bargain, sell, convey and release unto

GARVIN SOIL AND WATER CONSERVATION DISTRICT

of Pauls Valley, its successors and assigns Grantee, an easement in, over and upon the following

described land situated in the County of GARVIN, State of Oklahoma, to wit:

SW $\frac{1}{4}$ of SW $\frac{1}{4}$ and that portion of E $\frac{1}{2}$ of SW $\frac{1}{4}$ of SW $\frac{1}{4}$ lying East of Creek in Section 21, Twp. 2 N. Rg. 1 E. of the Indian Base and Meridian in Garvin County, Oklahoma for the purpose of:

For or in connection with the construction, operation, maintenance and inspection of the following described works of improvement to be located on the above described land; for the flowage of any waters in, over, upon or through such works of improvement; and for the permanent storage and temporary detention, either or both, of any waters that are impounded, stored or detained by such works of improvement: An earthen dam and appurtenances

Hickapoo Sandy Creek Watershed Site K-1

- In the event construction of the above described works of improvement is not commenced within 18 months from the date hereof, the rights and privileges herein granted shall at once revert to and become the property of the Grantor, his heirs and assigns.
- This easement includes the rights of ingress and egress at any time over and upon the above described land of the Grantor and any other land of the Grantor adjoining said land for the purpose of construction, the checking of operations, and the inspection and maintenance of the structure.
- There is reserved to the Grantor, his heirs and assigns, the rights and privileges to use the above described land at any time, in any manner and for any purpose that does not interfere with construction, operations, maintenance and inspection of the structure.
- The rights and privileges herein granted are subject to all easement, rights-of-way, mineral reservations or other rights now outstanding in third parties.
- The Grantee is responsible for operating and maintaining the above described works of improvement.
- Special provisions: The Grantees herein agree to replace fences and place a port hole in the dike at such point that a 12 inch permanent water level can be released if needed. At such point specified by grantor. Furthermore, existing pond at east end of dam will be obliterated.

TO HAVE AND TO HOLD the aforesaid easement in, over and upon the above described land of the Grantor with all the rights, privileges and appurtenances thereto belonging or in anywise appertaining, unto the Grantee, its successors and assigns for so long as they should use said easement for the purpose described above.

IN WITNESS WHEREOF the Grantor has executed this instrument on the 12th day of October, 1967

STATE OF OKLAHOMA }
GARVIN COUNTY } SS
Filed for record
NOV 16 1967
at 8 o'clock A. M., and recorded
in Book 110 at Page 1440
BERNIECE DYKEMAN, County Clerk
By Alma Turner Deputy

Ray M. Watson (SEAL)
Signature of Grantor
Margaret Watson (SEAL)
Signature of Grantor

STATE OF OKLAHOMA }
COUNTY OF Garvin } SS.
Before me, the undersigned, a Notary Public in and for said County and State, on this 12th day of October, 1967, personally appeared Ray M. Watson
Margaret Watson, husband and wife, to me known to be the identical person(s) who executed

EASEMENT

(IMPOUNDMENT)

For and in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt whereof is hereby acknowledged,

by Estad, a widow.

of Cyril, Oklahoma 73019

release unto South Garvin Soil and Water Conservation District

of Garvin, Oklahoma

of Garvin

Section 11 SW 10 W

For the purpose of permanent storage and temporary detention, either or both, of any waters that are impounded, stored or detained by such works of improvement: An earthen dam and appurtenances

- In the event construction of the above described works of improvement is not commenced within 18 months from the date hereof, the rights and privileges herein granted shall at once revert to and become the property of the Grantor, his heirs and assigns.
- This easement includes the rights of ingress and egress at any time over and upon the above described land of the Grantor and any other land of the Grantor adjoining said land for the purpose of construction, the checking of operations, and the inspection and maintenance of the structure.
- There is reserved to the Grantor, his heirs and assigns, the rights and privileges to use the above described land at any time, in any manner and for any purpose that does not interfere with construction, operations, maintenance and inspection of the structure.
- The rights and privileges herein granted are subject to all easement, rights-of-way, mineral reservations or other rights now outstanding in third parties.
- The Grantee is responsible for operating and maintaining the above described works of improvement.
- Special provisions:

TO HAVE AND TO HOLD the aforesaid easement in, over and upon the above described land of the Grantor with all the rights, privileges and appurtenances thereto belonging or in anywise appertaining, unto the Grantee, its successors and assigns for so long as they should use said easement for the purpose described above.

In witness whereof the Grantor has executed this instrument on the _____ day of _____, 1967

Estad
Signature of Grantor

Easement

(For Construction and Impoundment Purposes)

For and in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt whereof is hereby acknowledged,

Margaret Fallon, Jim Fallon, Tom Fallon and Charles Fallon

of _____, Grantor, does hereby grant, bargain, sell, convey and release unto

Garvin Soil and Water Conservation District

STATE OF OKLAHOMA, GARVIN COUNTY, SS

Filed for record April 14 1965 at 8 o'clock A. M.

In Book 667 Page 17 BERNIECE DYKEMAN, County Clerk, By _____

ing described land situated in the County of Garvin, State of Oklahoma, to wit: East half (E $\frac{1}{2}$) Southeast quarter (SE $\frac{1}{4}$) Northwest quarter (NW $\frac{1}{4}$) and East half (E $\frac{1}{2}$) Northwest quarter (NW $\frac{1}{4}$) Southwest quarter (SW $\frac{1}{4}$) and Northeast quarter (NE $\frac{1}{4}$) Southwest quarter (SW $\frac{1}{4}$) of Section 4, Township 4 North, Range 4 West.

For or in connection with the construction, operation, maintenance and inspection of the following described works of improvement to be located on the above described land; for the flowage of any waters in, over, upon or through such works of improvement; and for the permanent storage and temporary detention, either or both, of any waters that are impounded, stored or detained by such works of improvement:

Flood retarding structure and appurtenances thereto, as described on plat of structure on file in district office.

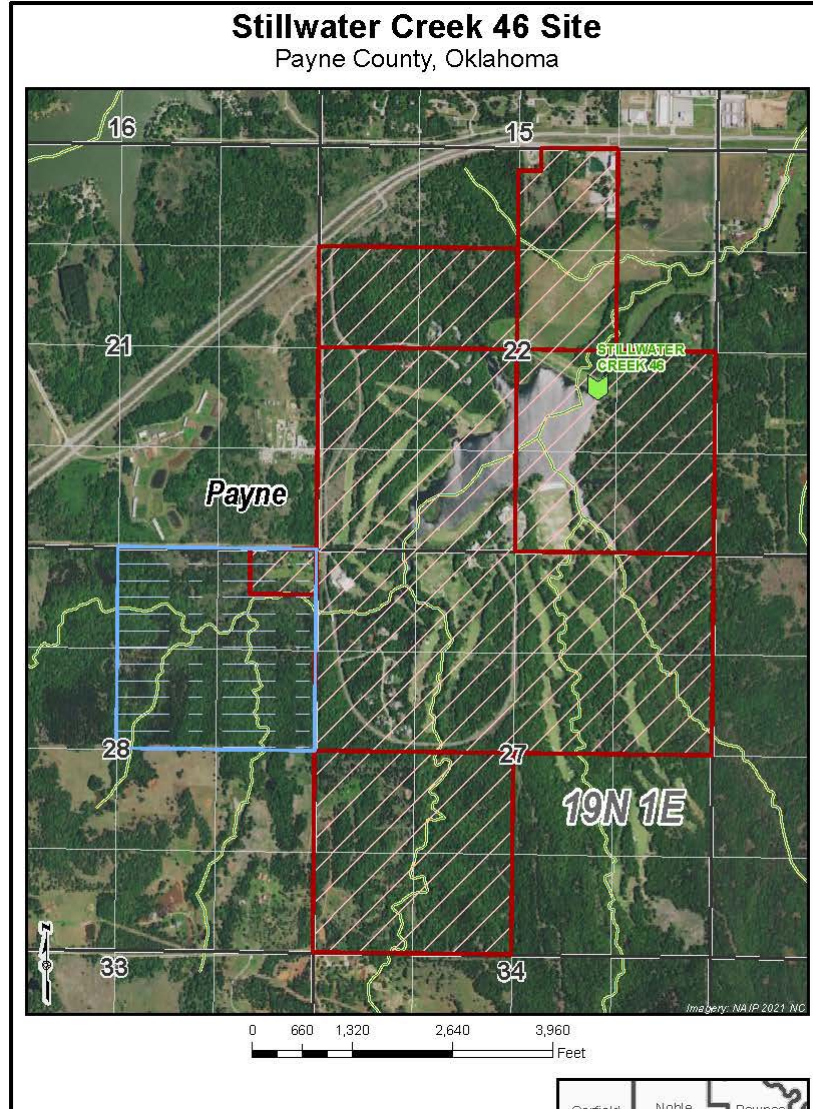
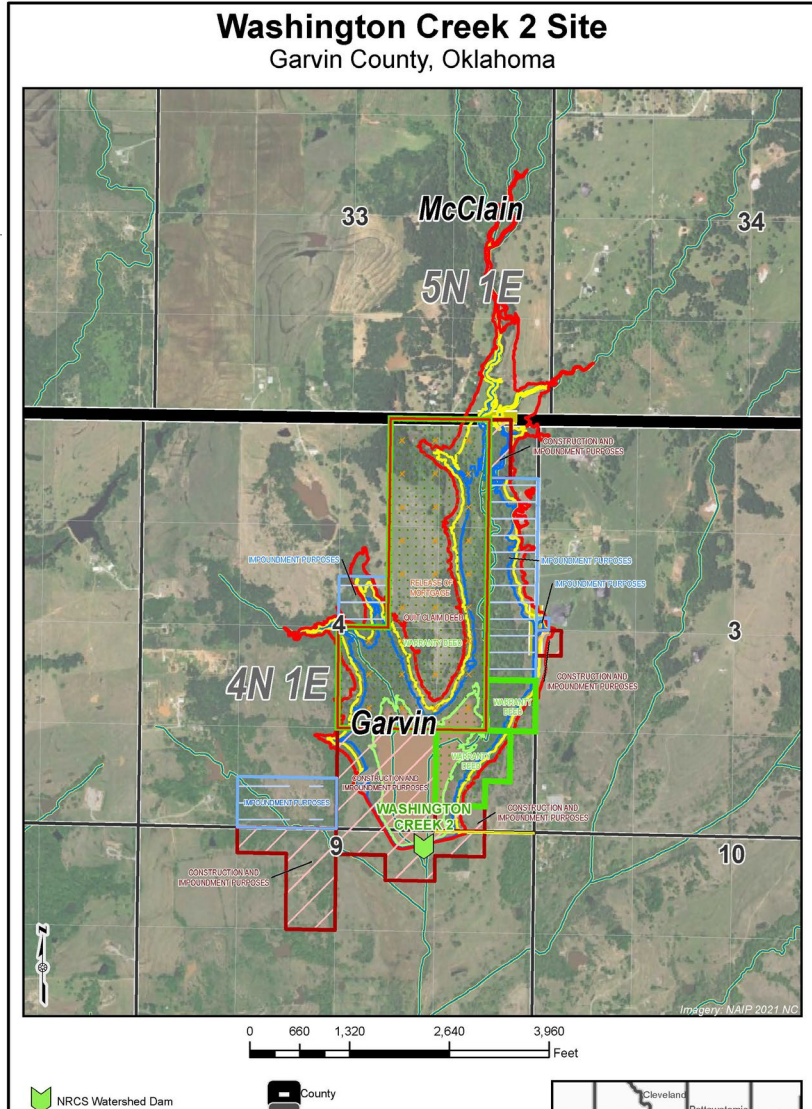
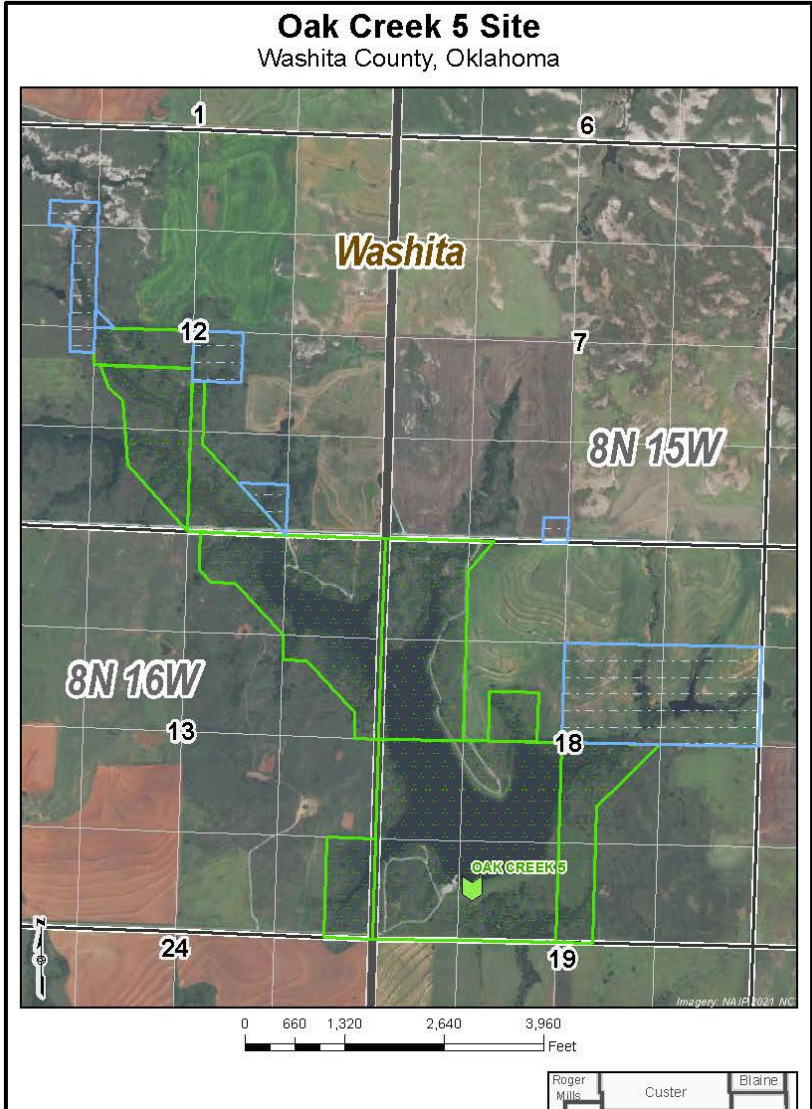
- In the event construction of the above described works of improvement is not commenced within 120 months from the date hereof, the rights and privileges herein granted shall at once revert to and become the property of the Grantor, his heirs and assigns.
- This easement includes the rights of ingress and egress at any time over and upon the above described land of the Grantor and any other land of the Grantor adjoining said land for the purpose of construction, the checking of operations, and the inspection and maintenance of the structure.
- There is reserved to the Grantor, his heirs and assigns, the rights and privileges to use the above described land at any time, in any manner and for any purpose that does not interfere with construction, operations, maintenance and inspection of the structure.
- The rights and privileges herein granted are subject to all easement, rights-of-way, mineral reservations or other rights now outstanding in third parties.
- The Grantee is responsible for operating and maintaining the above described works of improvement.
- Special provisions: Dirt for construction of dam to be taken first from area north of dam, then from west of dam and last from east of dam. Grantors herein reserve all water rights herein and the right to manipulate the drawdown valve, except for maintenance purposes, as regards the above described property. Timber is to be removed from permanent water area. Drawdown to contain additional openings to minimize water retention.

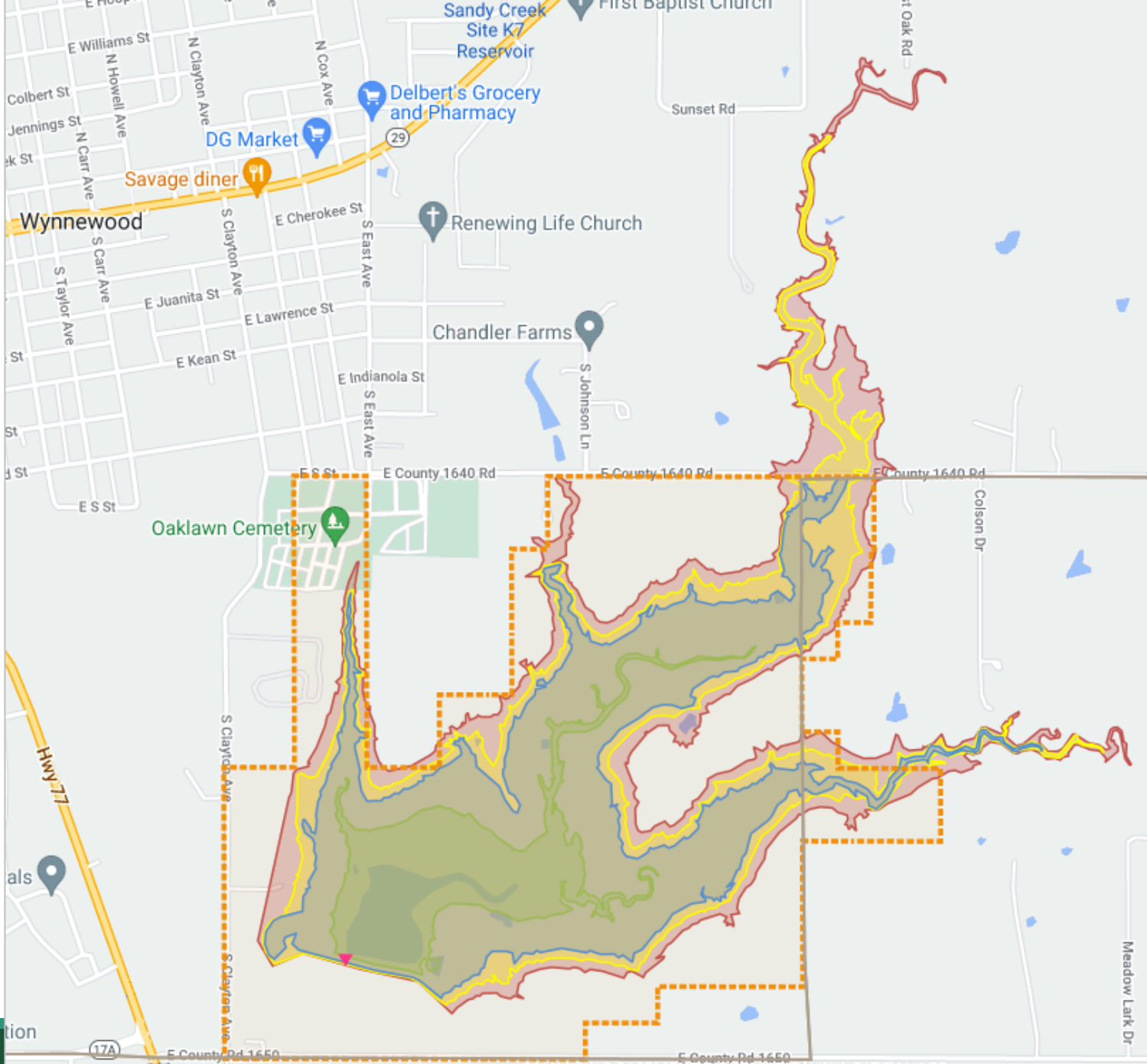
TO HAVE AND TO HOLD the aforesaid easement in, over and upon the above described land of the Grantor with all the rights, privileges and appurtenances thereto belonging or in anywise appertaining, unto the Grantee, its successors and assigns for so long as they should use said easement for the purpose described above.

IN WITNESS WHEREOF the Grantor has executed this instrument on the 21st day of JANUARY, 1965

Tom Fallon Signature of Grantor
Margaret Fallon (SEAL) Signature of Grantor
Jim Fallon Signature of Grantor
Charles Fallon (SEAL) Signature of Grantor

STATE OF OKLAHOMA }
COUNTY OF Caddo } SS.





- Google Maps Road Layer
- Google Maps Aerial Layer

- ▲▼×□▬⊕ ⓘ
- Oklahoma Counties

- ▲▼×□▬⊕ ⓘ
- Watershed Dams_NRCS

■	0 to 10 Acres
▲	10 to 30
◆	30 to 50
▼	50 to 80
●	Greater than 80

- ▲▼×□▬⊕ ⓘ
- Current Watershed Dam Easements

- ▲▼×□▬⊕ ⓘ
- NRCS Dams-Principal Spillway Elevation

- ▲▼×□▬⊕ ⓘ
- NRCS Dams-Emergency Spillway Elevation

- ▲▼×□▬⊕ ⓘ
- NRCS Dams-Effective Top of Dam Elevation

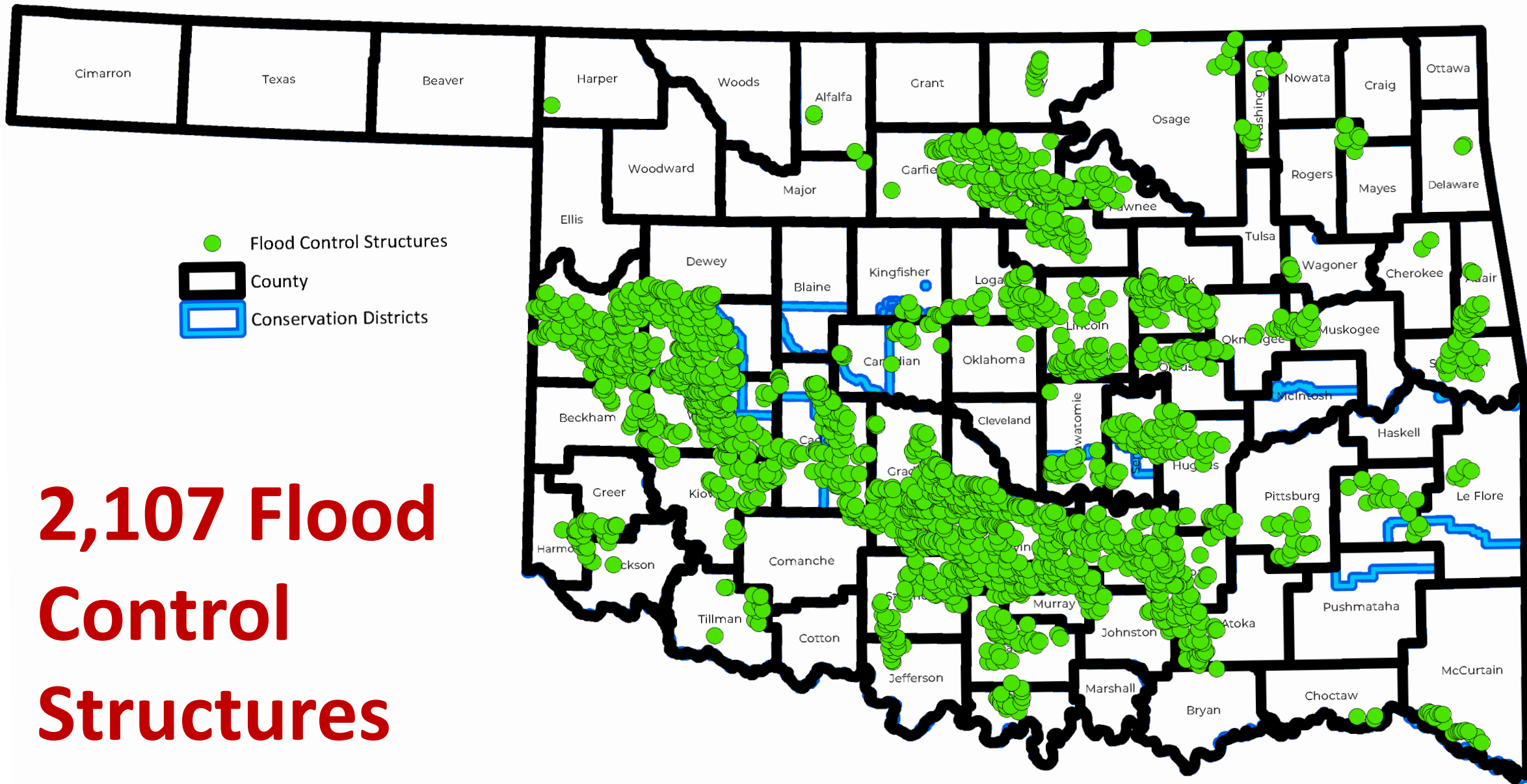
- ▲▼×□▬⊕ ⓘ
- NRCS Dams-Effective Top of Dam Elevation Plus 5 Feet

OVERVIEW

Managing Easement Information in a Digital Age

- Background
- Reasons for project development
- Easement Mapping Initiative for Watershed Dams
 - Gathering Documents
 - Building the GIS (*Geographic Information System*)
 - Tracking Spreadsheets
- Phase II: Estimated Flood Pool Elevations
- Questions

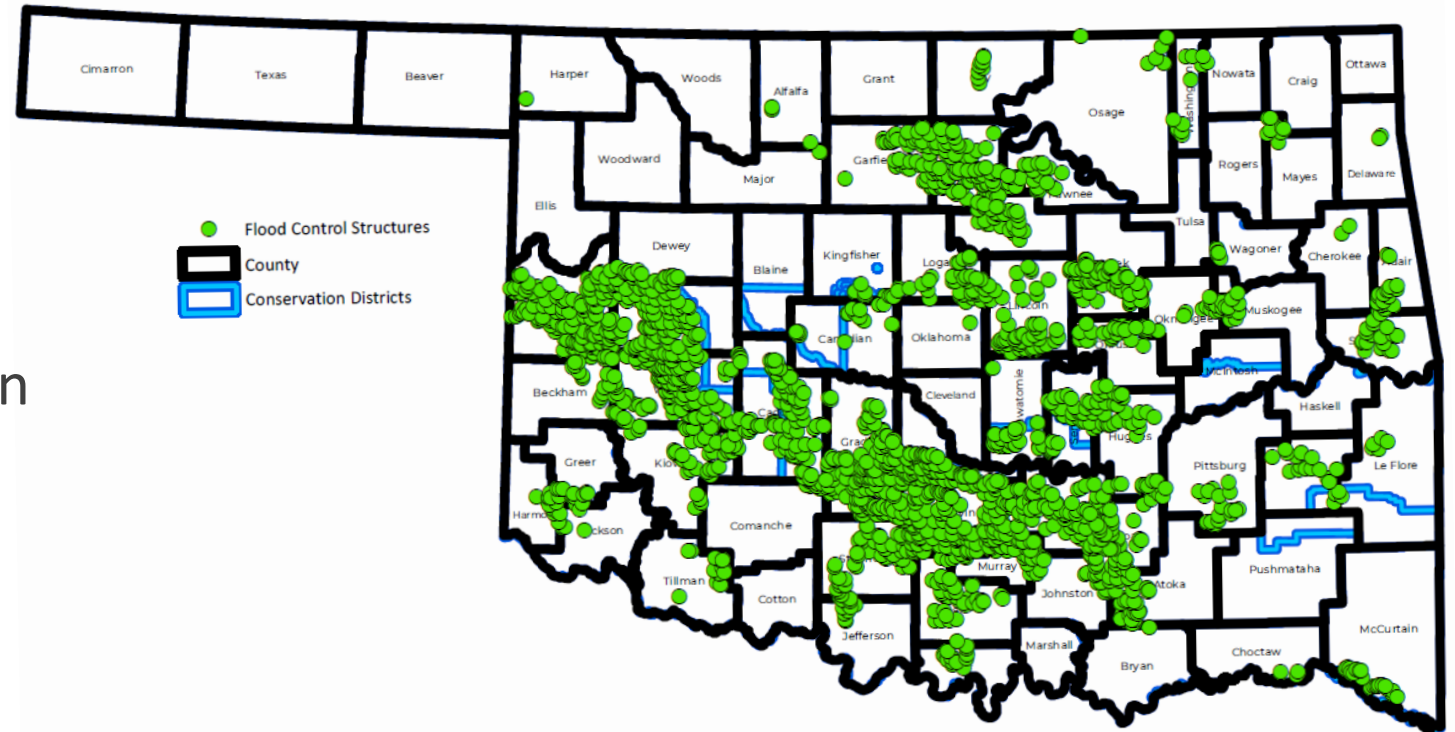
Background



2,107 Flood Control Structures

Background

- 79% of Oklahoma's counties have at least 1 flood control structure
- Conservation Districts maintain easement documents
- Dam projects reviewed: 1,150
- Documents received: ~4,600



Reasons for Project Development

- Planning
 - Rehabilitation projects
- Education
 - For Landowners & Real Estate
 - High hazard deterrent
 - Visualizing Easements on a web map, [OKMaps](#)
- Safety
- Legal inquires
 - Encroachment
 - Landowner disputes
- Preservation

FILED FOR RECORD SEP 18 1963

1:25, BOOK 155 Misc Site #2 PAGE 119

4990

Easement

(For Construction and Impoundment Purposes)

For and in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt whereof is hereby acknowledged,

Wrestle Randolph et al.

Stillwater,
of Oklahoma, Grantor, does hereby grant, bargain, sell, convey and release unto

Payne County Soil and Water Conservation District and Conservancy District No. 16,

Payne and Noble Counties Oklahoma

Stillwater,
of Oklahoma its successors and assigns Grantee, an easement in, over and upon the follow-

ing described land situated in the County of Payne, State of Oklahoma, to wit:
The Northwest Quarter (NW¹) of the Southeast Quarter (SE¹) of Section Twelve (12),
Township Eighteen (18) North, Range Three (3) East of the Indian Meridian.

for the purpose of:

For or in connection with the construction, operation, maintenance and inspection of the following described works of improvement to be located on the above described land; for the flowage of any waters in, over, upon or through such works of improvement; and for the permanent storage and temporary detention, either or both, of any waters that are impounded, stored or detained by such works of improvement:

One Floodwater retaining reservoir structure No. 2, as described in the Stillwater Creek Watershed Work Plan.

1. In the event construction of the above described works of improvement is not commenced within 96 months from the date hereof, the rights and privileges herein granted shall at once revert to and become the property of the Grantor, his heirs and assigns.

EASEMENT

(IMPOUNDMENT)

For and in consideration of One Dollar (\$1.00) and other good and valuable considerations, the receipt whereof is hereby acknowledged.

Ruby Hestand, a widow,

of Cyril, Oklahoma 73029

Grantor, does hereby grant, bargain, sell, convey and

release unto South Caddo Soil and Water Conservation District

of Anadarko, Oklahoma

its successors and

assigns, Grantee, a permanent and perpetual easement in over and upon the following described land situated in the County

of Caddo

State of Oklahoma, to wit:

SE 1/4 & SW 1/4 of NE 1/4 & SW 1/4 of Section 11
Range 10 West

5N 10W

for the purpose of permanent storage and temporary detention, either or both, of any waters that are impounded, stored or detained, and for the maintenance and inspection of areas to be flooded by a floodwater retaining structure to be located

on other lands designated as site No. 27 in the plan for works of improvement for the

Washita

Watershed on file in the office of the Grantor.

1. In the event construction of the above described works of improvement is not commenced within 120 months from the date hereof, the rights and privileges herein granted shall at once revert to and become the property of the Grantor, his heirs and assigns.

2. This easement includes the rights of ingress and egress at any time over and upon the above described land for the purpose of construction, the checking of operations, and the inspection and maintenance of the above described works of

Easement Mapping Initiative for Watershed Dams

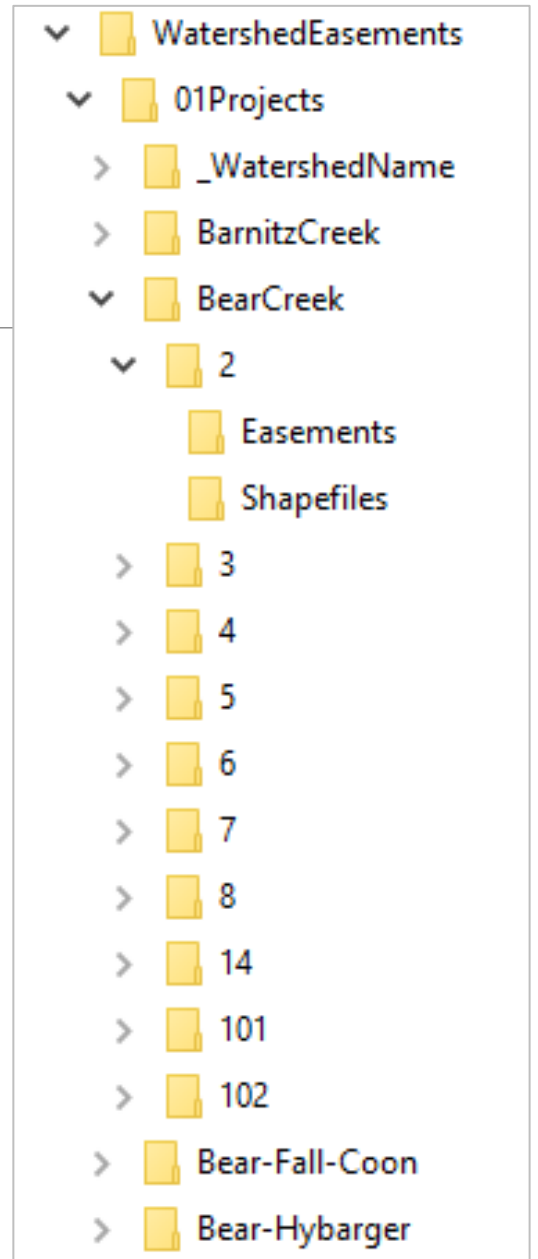
Do you know *where* your easements are located?

Gathering Documents

- Asked Conservation Districts for assistance
 - ✓ Locating easement documents
 - ✓ Scanning easements to PDF
 - Standardized file name:
 - DistrictName_DamName_DamNumber_EasementNumber
 - e.g. Kiowa_RainyMountain_9_01
- Commission Contact
 - ✓ Received emails with PDF easement documents
 - ✓ Upload documents to folders on file share

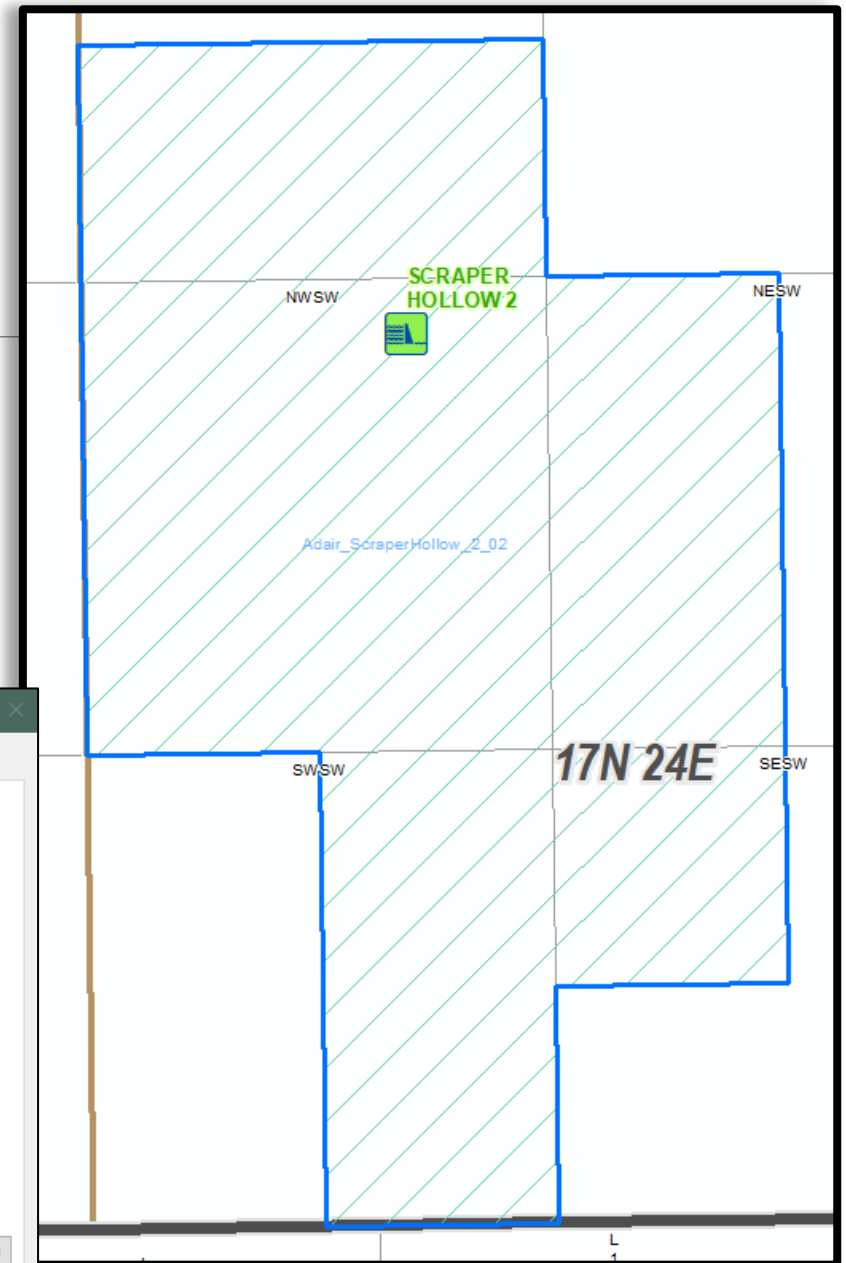
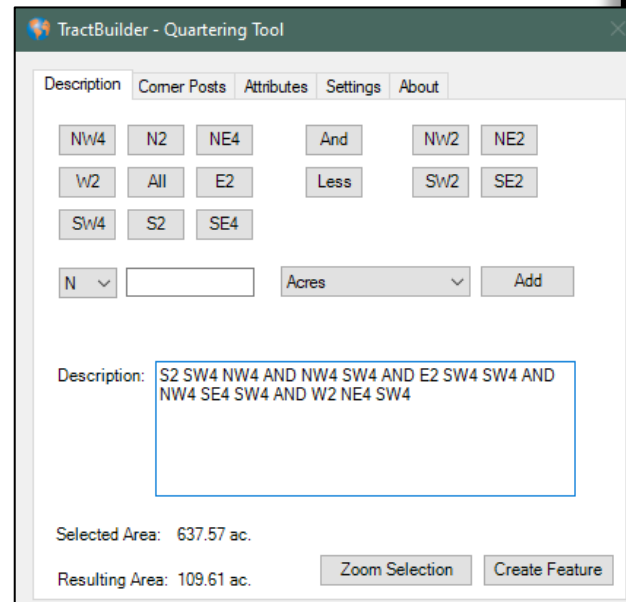
Data Management

- Develop a folder structure
- Review file names
- Determine key attributes to capture from easements
 - Easement Type
 - Legal Description & County
 - Key Dates
 - Special Provisions
 - Ingress/Egress
 - Standardized keys:
 - Federal ID
 - National ID
 - Dam Name



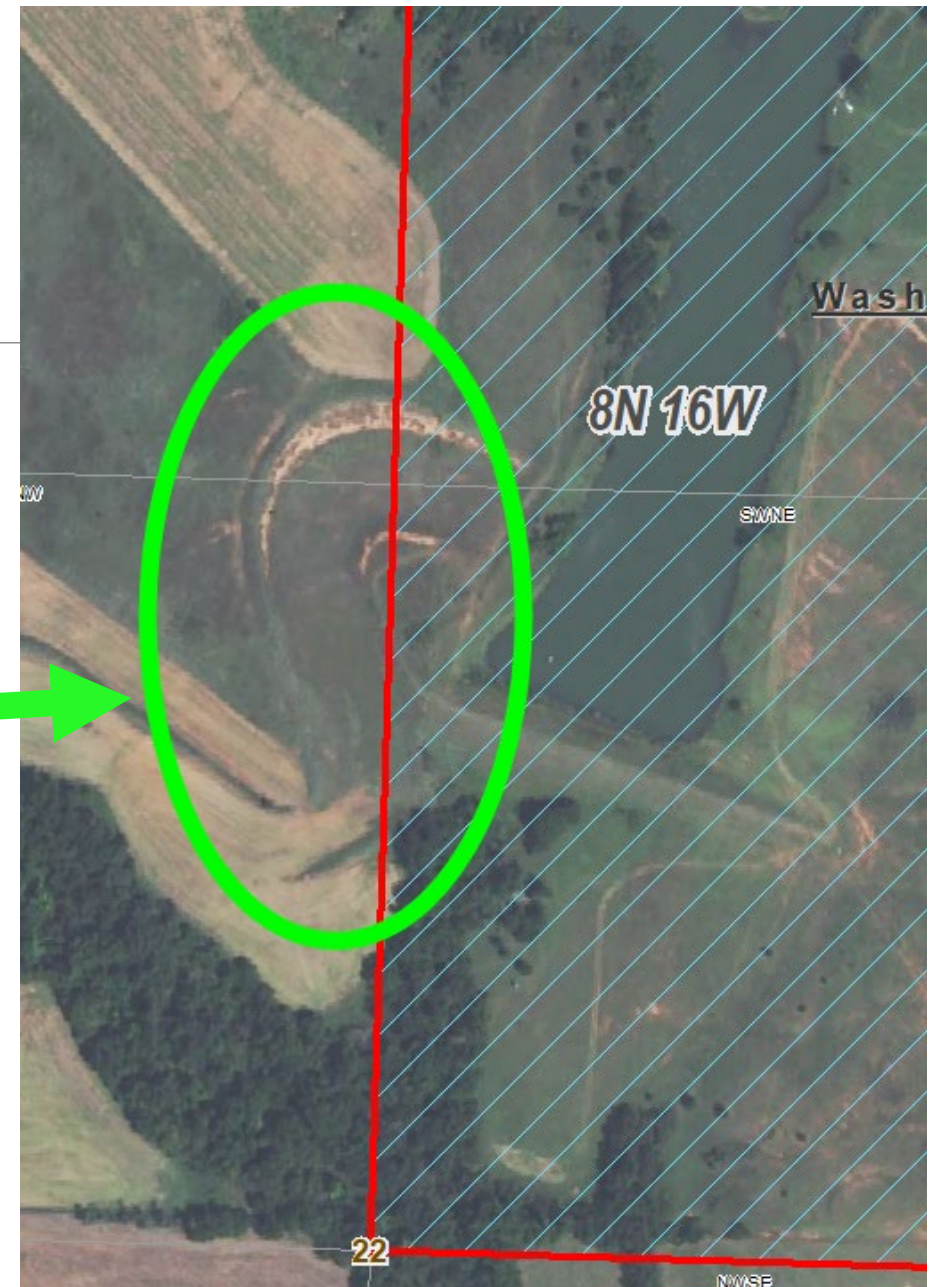
Building the GIS

- Create spatial layers
 - Easements
 - Access Areas
- Map legal descriptions
 - PLSS Quarter calls
 - Metes and bounds
- TractBuilder



Site Tracking Spreadsheets

- Capturing additional information for the team
 - Questions
 - Issues
 - Missing easements
 - Notes
 - Status dates



ALL STRUCTURES

County	Watershed Dam Name	High Hazard	Easement	Shapes Started	Shapes Completed	As Of	#Easements per Folder	Missing Notes	Priority Questions/Issues	Clearer Files Needed	Minor Questions/Issues	Notes	NID_ID
GARVIN	SANDY CREEK 14		01-03; SEE NOTES	11/1/2022	11/1/2022	11/29/2022	9		04-09: DOCUMENTS ARE LINKED TO "SITE 26" IN 27-4N-3E. NO WATERSHED DAMS IN OR SURROUNDING THAT SECTION.				OK0068
GARVIN	SANDY CREEK 15		ALL	11/1/2022	11/1/2022	11/29/2022	9						OK2081
GARVIN	SANDY CREEK 27		ALL	11/1/2022	11/1/2022	11/29/2022	6						OK0068
GARVIN	SANDY CREEK 28		SOME MISSING	11/1/2022		5/17/2023	2	SOME MISSING EASEMENTS					OK0068
GARVIN	WASHINGTON CREEK 1	OK13276	SOME MISSING	11/1/2022		5/17/2023	4	SOME MISSING EASEMENTS					OK1327
GARVIN	WASHINGTON CREEK 2		ALL	11/1/2022	6/6/2023	6/6/2023	15					10: RESOLUTION; *9 EASEMENTS, 4 DEEDS, 1 REL	OK1327
GARVIN	WASHINGTON CREEK 3		ALL	11/1/2022	11/1/2022	11/29/2022	8					01: COVERS WASHINGTON CREEK 2&3. I DUPLICA	OK1327
GARVIN	WILDHORSE CREEK 1		ALL	11/1/2022	11/1/2022	7/31/2023	3	MISSING EASEMENTS: PORTION	01, 02: VERIFY APPROPRIATE AMOUNT OF LEGALS HAS BEEN CAPTURED. DESCRIPTION USES CREEK TO SPLIT LANDS. IS PLAT AVAILABLE? USING SURFACE PARCELS CURRENTLY TO SPLIT DC				OK0025
GARVIN	WILDHORSE CREEK 2		ALL	11/2/2022	11/2/2022	11/29/2022	1						OK0025
GARVIN	WILDHORSE CREEK 3		ALL	11/2/2022	11/2/2022	11/29/2022	3					01: COVERS WILDHORSE CREEK 3 & 73. Split eac	OK0030
GARVIN	WILDHORSE CREEK 6		ALL	11/2/2022	11/4/2022	11/29/2022	9					03,04,08,09: DOCUMENT CONTAINS EASEMENT L	OK0025
GARVIN	WILDHORSE CREEK 50		ALL	11/2/2022	11/2/2022	11/29/2022	4		01: PIPELINE RIGHT-OF-WAY - DID I MAP CORRECTLY?				OK2056
GARVIN	WILDHORSE CREEK 51		ALL	11/2/2022	11/2/2022	5/17/2023	6				REVIEW FOR POTENTIAL MISSING/NEEDED EASEMENT (S2 SE4 SE4?)		OK0025
GARVIN	WILDHORSE CREEK 52	OK20650	ALL	11/2/2022	11/2/2022	11/29/2022	8						OK2065
GARVIN	WILDHORSE CREEK 56		ALL	11/2/2022	11/2/2022	11/29/2022	10		05, 07-10: DO THESE GO WITH 56? AREA IS FAR FROM 56 AND ANY SURROUNDING DAMS				OK1107

HIGH HAZARD STRUCTURES

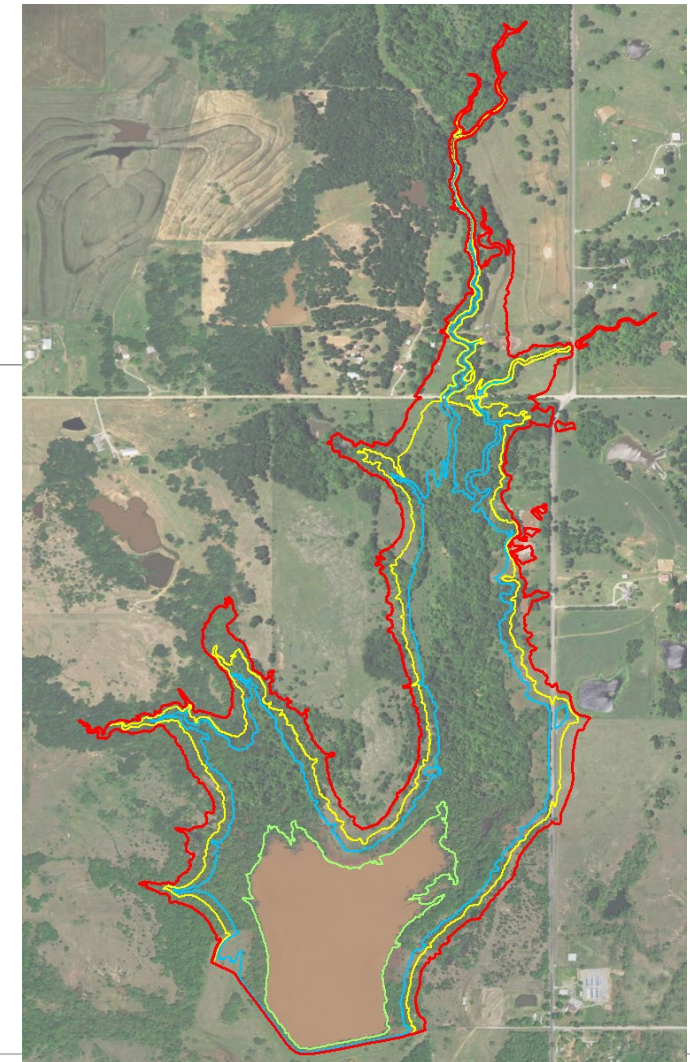
County	Watershed Dam Name	High Hazard NID	As Of	#Easements per Folder	Priority Questions/Issues	Clearer Files Needed	Minor Questions/Issues	Notes
BECKHAM	WHITESHIELD CREEK 10	OK00026	5/17/2023	3	04,05,06: ROAD EASEMENT OR RESOLUTION? IS THIS LIKE THE INUNDATE RESOLUTION? DO THESE NE		REVIEW FOR POTENTIAL MISSING/NEEDED EASEMENTS (DOWNSTREAM NESW OF 26?)	02: DOCUMENT
CADDO	DELAWARE CREEK 8	OK20762	5/30/2023	8			03: DISCREPANCY? LEGAL QTR CALL MAPPED COVERS APPROX. 60 AC. LEGAL IN DOCUMENT REFERENCES THE 05: ESTIMATED	
CADDO	FORT COBB LATERALS 10	OK20591	6/1/2023	5	04, 05: MISSING NOTARY & SIGNATURE PAGES			04, 05: ELEVAT
CADDO	LITTLE WASHITA RIVER 25	OK20782	6/5/2023	2	02: NEED NEW COPY OF EASEMENT. TOP OF EASEMENT CUT OFF.	Y	01: MAY NEED A NEW COPY OF EASEMENT. SMALL PORTION OF DOCUMENT WHERE NOTARY'S SIGNATURE IS CUT OFF.	
CADDO	LITTLE WASHITA RIVER 26	OK20783	6/6/2023	5	01: ARE ANY TERMS MISSING FROM THE DOCUMENT. ONLY LISTS #1 WHEN OTHER SIMILAR	Y		
CADDO	LITTLE WASHITA RIVER 49	OK20787	6/13/2023	10	06, 07: MISSING EASEMENT PAGES WITH BIA TERM DATES, ONLY RECORDED DATE AVAILABLE. 50 YR T		05, 06, 07: MISSING SIGNATURE PAGES;	01, 05: ELEVAT
CADDO	SUGAR CREEK L-43	OK20794	2/6/2023	7	04: FYI, TWN-RNG DOESN'T INCLUDE DIRECTION. LISTED 21-8-11 RATHER THAN 21-8N-11W. EASEMENT MAPPED.;		06: EASEMENT AMENDMENT. DOES THIS NULLIFY PREVIOUS PECK EASEMENT (01)? IF SO, NE4 NW4 IS NOT COVE	
CADDO	SUGAR CREEK L-44	OK11038	6/16/2023	8	03: NEED NEW SCAN. HALF OF DOCUMENT MISSING. MAPPED WITH LIMITED INFORMATIO	Y	06: UNSURE EXACT LAYOUT OF ADDITIONAL INGRESS/EGRESS AREA. PLEASE ADVISE SHAPE. SHAPE IS ~10,000	08: MAPPED TO
CANADIAN	COTTONWOOD CREEK 16	OK01515	2/8/2023	7	06: NEED METES AND BOUNDS CONFIRMATION FOR PART IN SEC 1. MAPPED AS DESCRIBED.;		07: LEGAL IS WRITTEN AS '11-14-6' - DO TWN/RNG DIRECTIONS NEED TO BE INCLUDED? #16 IS MOSTLY IN '14N-6W'	
CANADIAN	COTTONWOOD CREEK 17	OK01516	2/8/2023	5			03: MISSING EXECUTED DATE. USED EARLIEST NOTARIZED DATE.	04: INUNDATE
CANADIAN	FOUR MILE CREEK 1	OK01518	5/18/2023	6	04&05: MAPPED AS QTR CALL. NEED HELP ON DESCRIPTION.		06: MISSING FULL EXECUTED DATE (ONLY AUGUST 1963 ON DOC). USED 8/31/1963 AS EXECUTED DATE.	
CANADIAN	UNCLE JOHNS CREEK 11	OK00472	5/18/2023	6			REVIEW FOR POTENTIAL MISSING EASEMENTS (NE4 OF 19? OR IS THAT A DIFFERENT POOL AREA?)	
DEWEY	BARNITZ CREEK 1	OK00641	1/3/2023	10	07: TYPED LEGAL DESCRIPTION IS INCORRECT. PEN/PENCIL IN STR IS NEAR SITE. MAPPED	02: SECONDARY PAGES		01: COVERS BA
DEWEY	BARNITZ CREEK 5	OK00637	3/2/2023	7	01: DREW INGRESS/EGRESS ROUTE TO 500 FT. CAN BE MODIFIED IF NEEDED.		03,04,05: EASEMENT IS SPECIFIC TO ELEVATION - NEEDS TO BE MAPPED TO SPECIFIC ELEVATION	
DEWEY	BARNITZ CREEK 11	OK00631	5/18/2023	5			REVIEW FOR POTENTIAL MISSING/NEEDED EASEMENT (NWNW OF 25-16N-18W?)	

All_Missing | Partial_Missing | Questions

Phase II: Estimated Flood Pool Elevations

Flood Pool Elevations

- NRCS Dam Elevations from Construction Drawings
 - Principal Spillway
 - Auxiliary/Emergency Spillway
 - Effective Top of Dam
- Create additional elevation: Effective Top of Dam +5 feet
- LIDAR to build DEMs (digital elevation models)
- Map Flood Pool Elevations using GlobalMapper



Easement File Name	Watershed	Watershed Abbreviation	Dam Number	Original As-Built Data							Rehabilitation As-Built Data									
				Emer. Spillway Width (Ft)	Height of Dam (Ft)	Orig. As-built NGDV Elev.			NGDV to NAVD	Adjusted As-built NAVD Elev.			Drainage Area (Sq. Mi.)	Sediment Pool Surface Area (Ac)	Date Rehab Construction Completed	Emer. Spillway Width (Ft)	Height of Dam (Ft)	REHAB As-built NAVD Elev.		
						Princ. Spwy Elev. NGDV	Auxiliary Spillway Elev. NGDV	Effective Top of Dam Elev. NGDV		Princ. Spwy Elev. NAVD	Auxiliary Spillway Elev. NAVD	Effective Top of Dam Elev. NAVD						Princ. Spwy Elev. NAVD	Auxiliary Spillway Elev. NAVD	Effective Top of Dam Elev. NAVD
OK00574_ESM_BAR_D16	Barnitz Creek	BAR	16	125	31	1791.0	1806.0	1811.0	0.808	1791.8	1806.8	1811.8	7.22	65	8/24/2014	300	52	1888.7	1903.1	1909.8
OK00575_ESM_BAR_D17	Barnitz Creek	BAR	17	250	42	1766.0	1786.5	1792.0	0.802	1766.8	1787.3	1792.8								
OK00576_ESM_BAR_D18	Barnitz Creek	BAR	18	50	26	1772.5	1782.5	1787.5	0.804	1773.3	1783.3	1788.3								
OK00577_ESM_BAR_D19	Barnitz Creek	BAR	19	40	32	1756.7	1769.2	1774.5	0.804	1757.5	1770.0	1775.3	2.38	24	9/15/2017	125	33	1862.4	1878.5	1855.5

Effective Top of Dam +5 feet (Elev 981.9 ft)



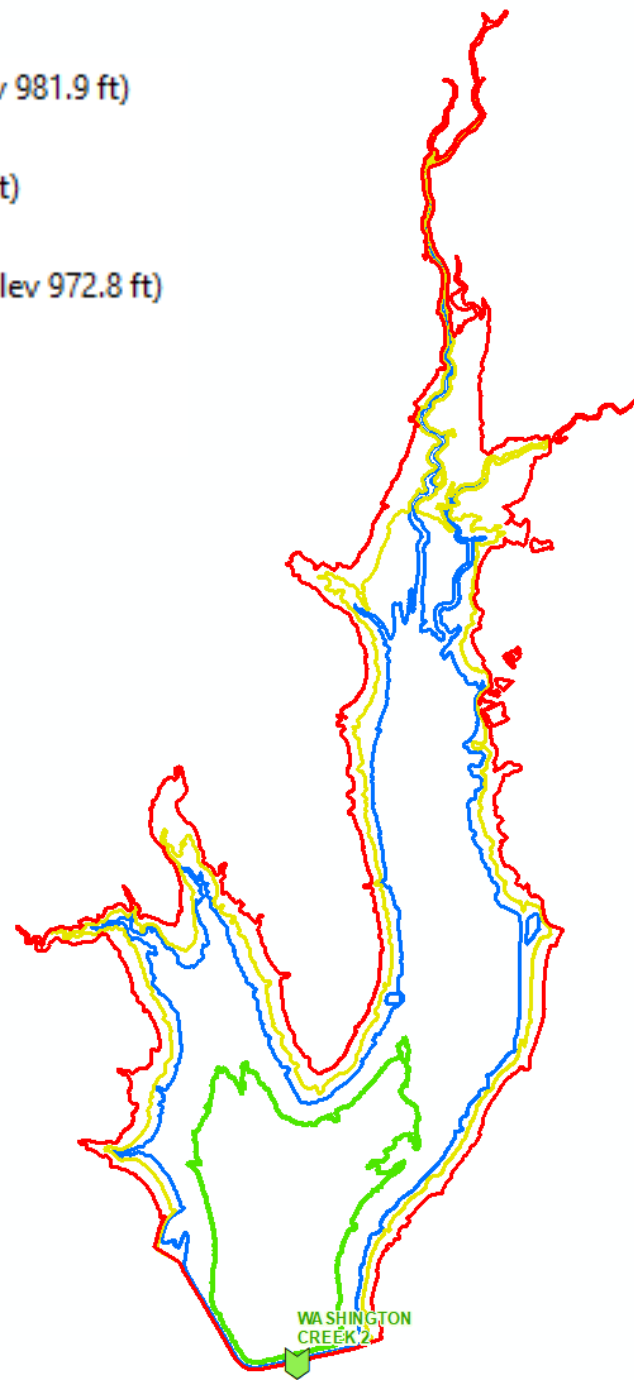
Effective Top of Dam (Elev 976.9 ft)

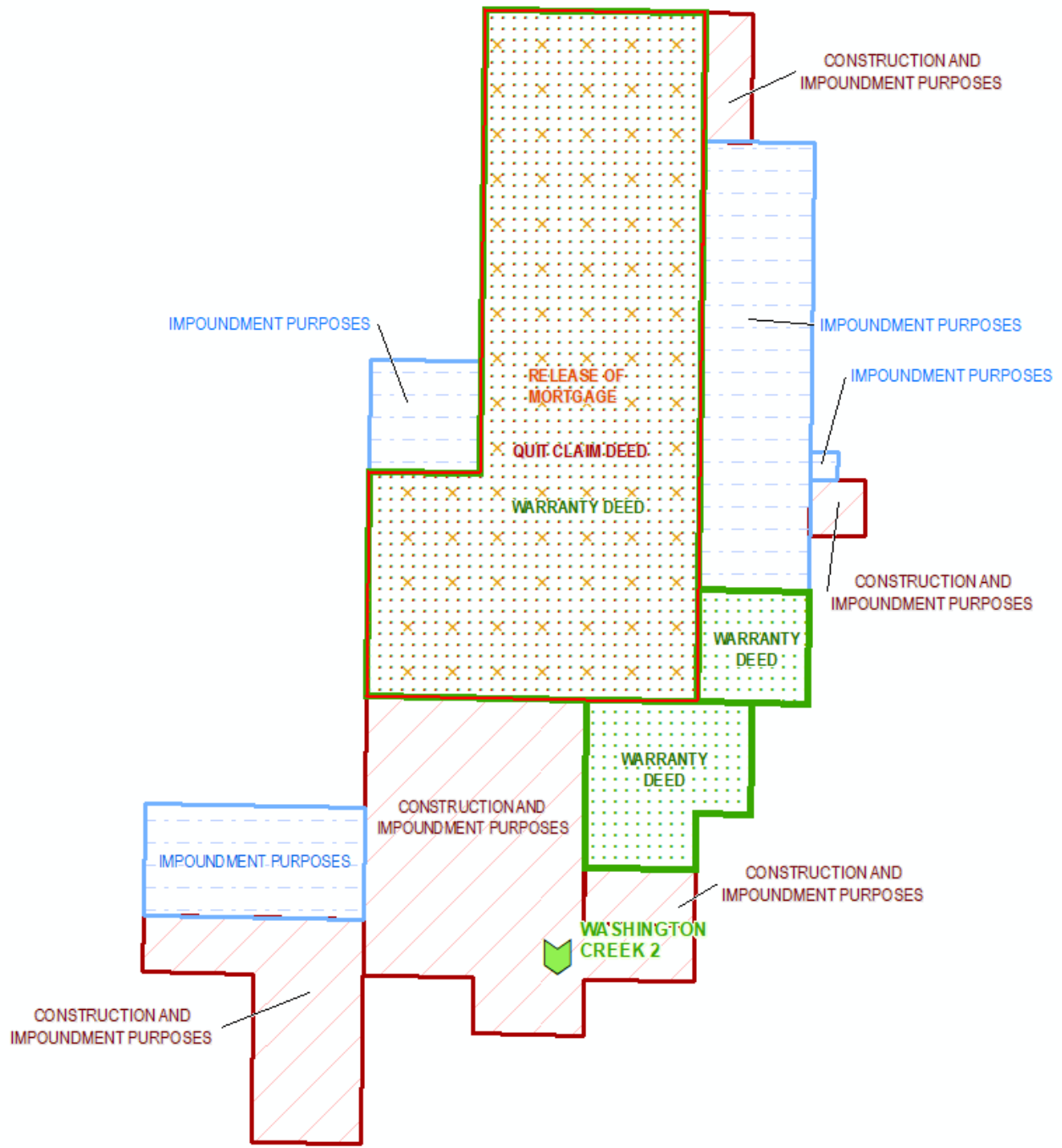


Emergency (Auxiliary) Spillway (Elev 972.8 ft)



Principal Spillway (Elev 961.3 ft)



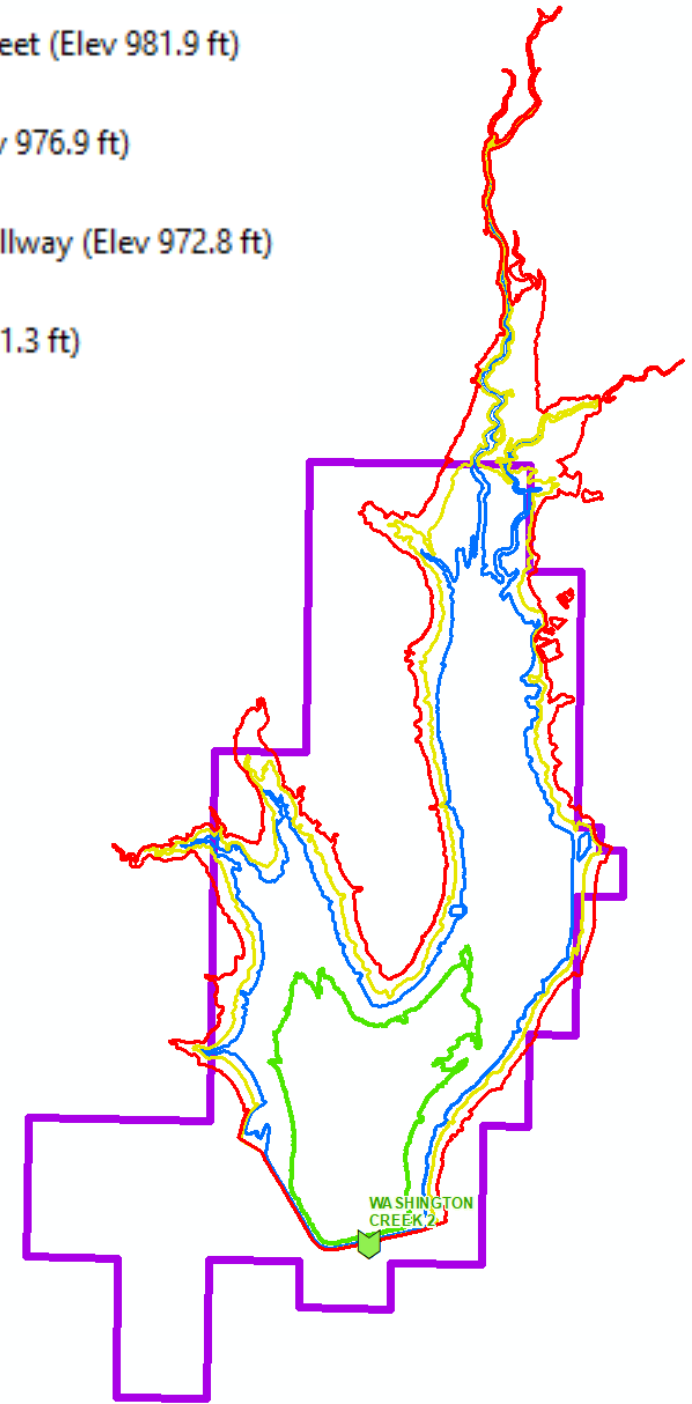
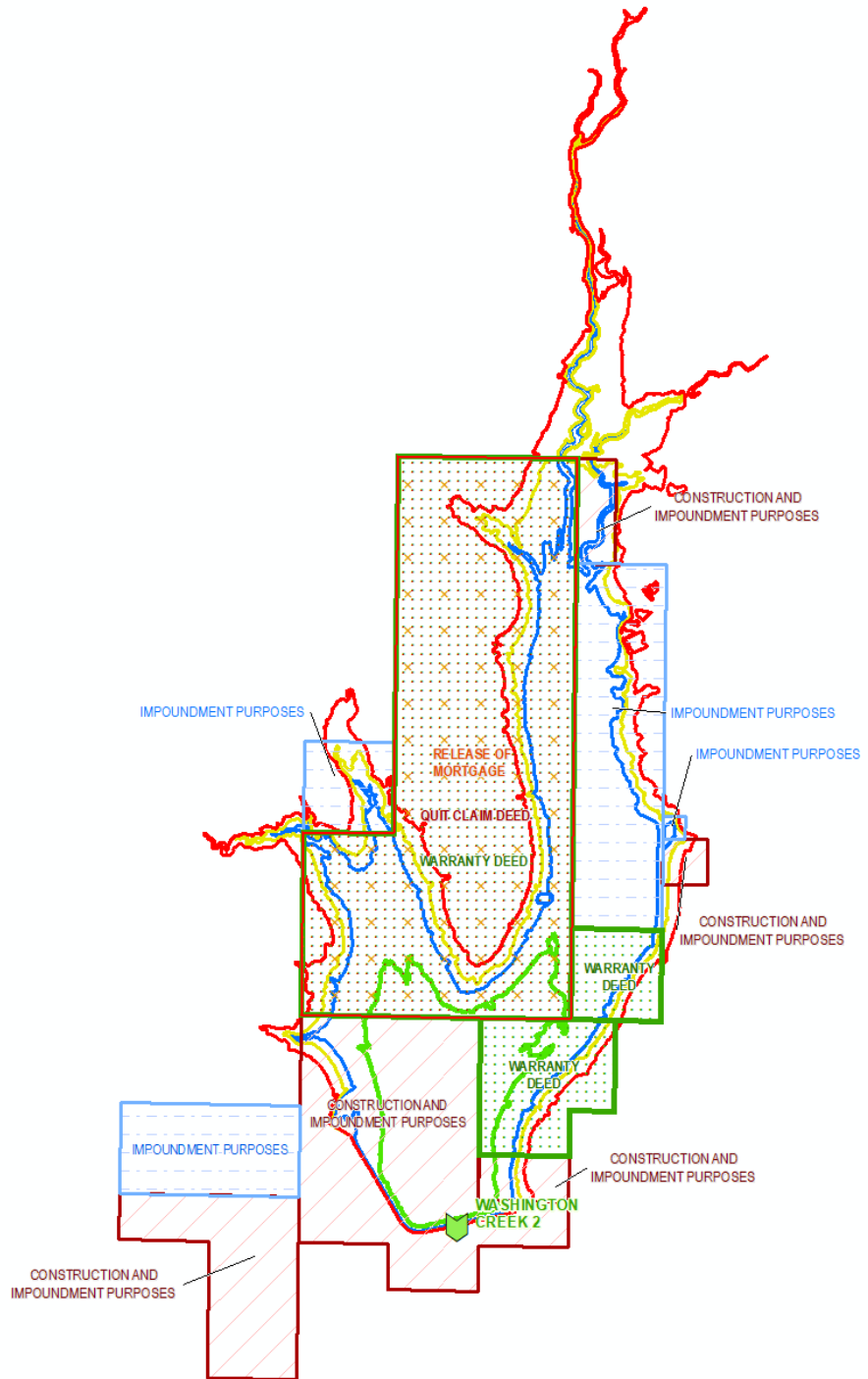


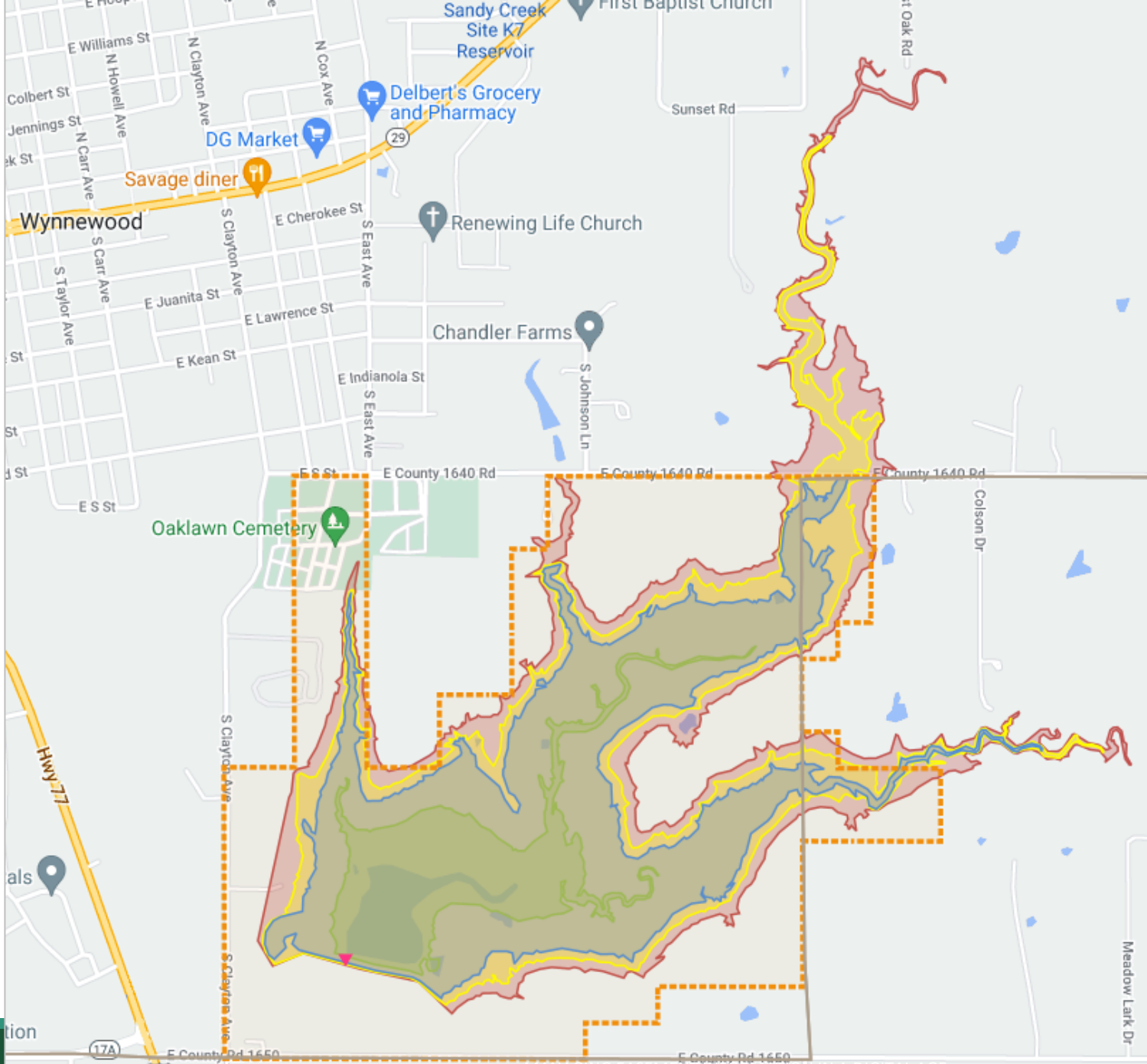
Effective Top of Dam +5 feet (Elev 981.9 ft)

Effective Top of Dam (Elev 976.9 ft)

Emergency (Auxiliary) Spillway (Elev 972.8 ft)

Principal Spillway (Elev 961.3 ft)





- Google Maps Road Layer
- Google Maps Aerial Layer

- ▲▼×□—+ ⓘ
- Oklahoma Counties

- ▲▼×□—+ ⓘ
- Watershed Dams_NRCS

- 0 to 10 Acres
- ▲ 10 to 30
- ◆ 30 to 50
- ▼ 50 to 80
- Greater than 80

- ▲▼×□—+ ⓘ
- Current Watershed Dam Easements

-

- ▲▼×□—+ ⓘ
- NRCS Dams-Principal Spillway Elevation

-

- ▲▼×□—+ ⓘ
- NRCS Dams-Emergency Spillway Elevation

-

- ▲▼×□—+ ⓘ
- NRCS Dams-Effective Top of Dam Elevation

-

- ▲▼×□—+ ⓘ
- NRCS Dams-Effective Top of Dam Elevation Plus 5 Feet

-

QUESTIONS?

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Oklahoma Conservation Commission

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