

Texas Water Rights Viewer

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Texas Commission on Environmental Quality
AWSE 2019 Annual Meeting



Texas Water Rights Viewer Overview

- TCEQ is in the process of developing a Water Rights Viewer that would allow both TCEQ staff and the public the ability to access water rights information.
- We are designing the Viewer to answer the types of questions and data requests we routinely receive:
 - Who is upstream or downstream from my location, who owns the permit, what does the permit authorize, and how much water are they using?
 - How many water rights have interbasin transfers or reuse authorizations and where are they located?



Texas Water Rights Viewer

Phase 1

- Phase I of the viewer went live on September 2, 2019. Phase 1 includes:
 - Geographic features such as river basins and streams;
 - USGS gages and TCEQ's eflow standards;
 - Administrative boundaries such as Regional Water Planning Group Areas and Groundwater Conservation Districts; and
 - Authorized water rights features such as diversion points and reservoirs, and watersheds for the Adjudication Final Determinations.



Texas Water Rights Viewer

Phase 1

- In the Phase 1 Viewer, a user can:
 - Click on a water rights feature and all points authorized under the water right will be displayed. The points are linked to a copy of the water right, the past ten years of water use data, and the current ownership of the water right;
 - Type in an address in the search bar and locate nearby water rights;
 - Find a searchable pdf of the Adjudication Final Determination for each watershed;
 - Find out whether a location is in a Groundwater Conservation District; and
 - Find out whether the water right is in a Watermaster Area.

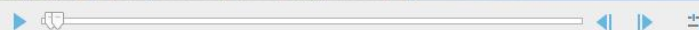


Texas Water Rights Viewer Phase 2

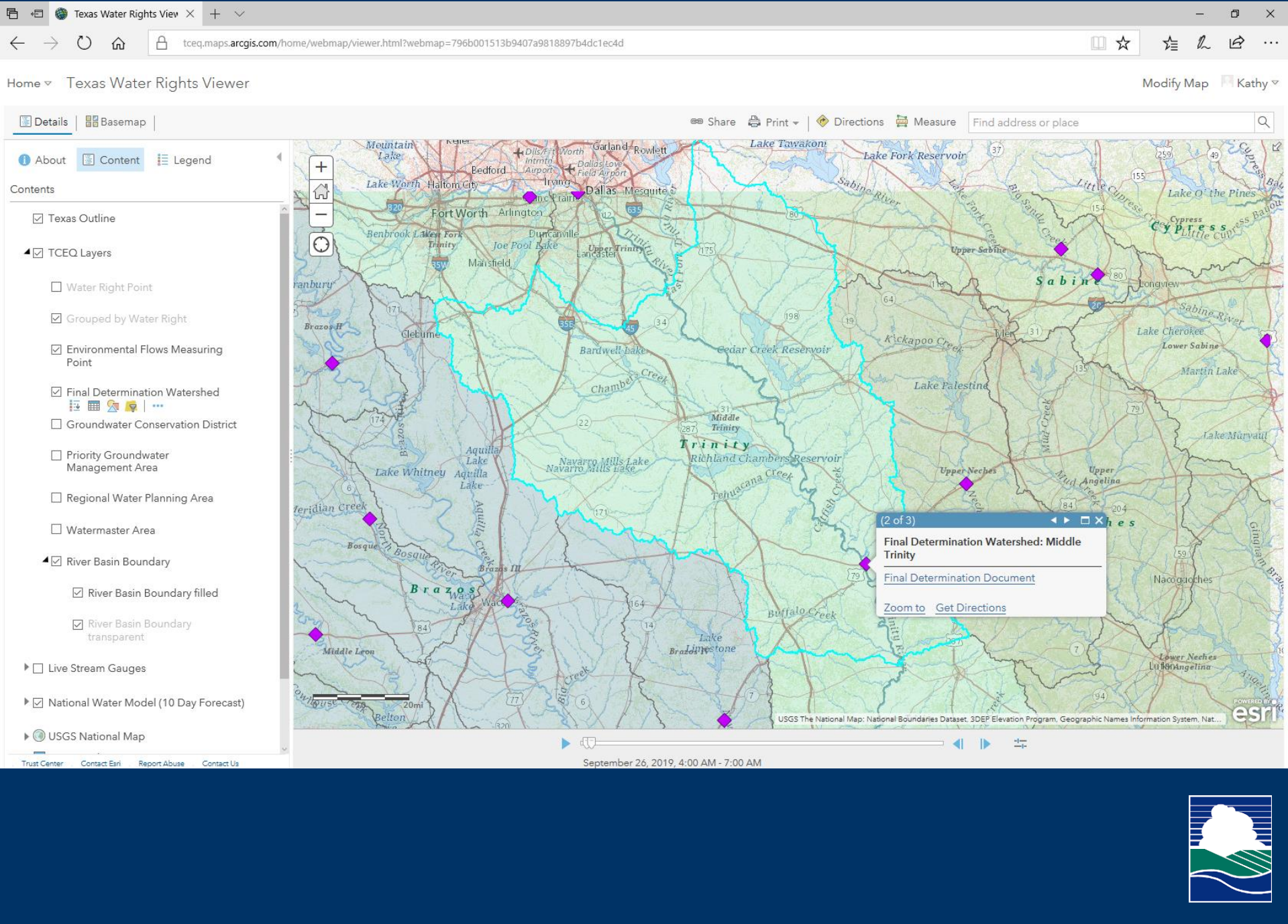
- Phase II will go live by January 1, 2020.
- TCEQ is currently engaged in an extensive QA/QC process for water rights data to support the Phase 2 Viewer.
- After completion of the QA/QC process, the Phase II Viewer will allow a user to access other types of authorization data such as:
 - water rights with interbasin transfers, reuse, bed and banks authorizations, and special conditions.
- We are also exploring serving the viewer out through a web application.



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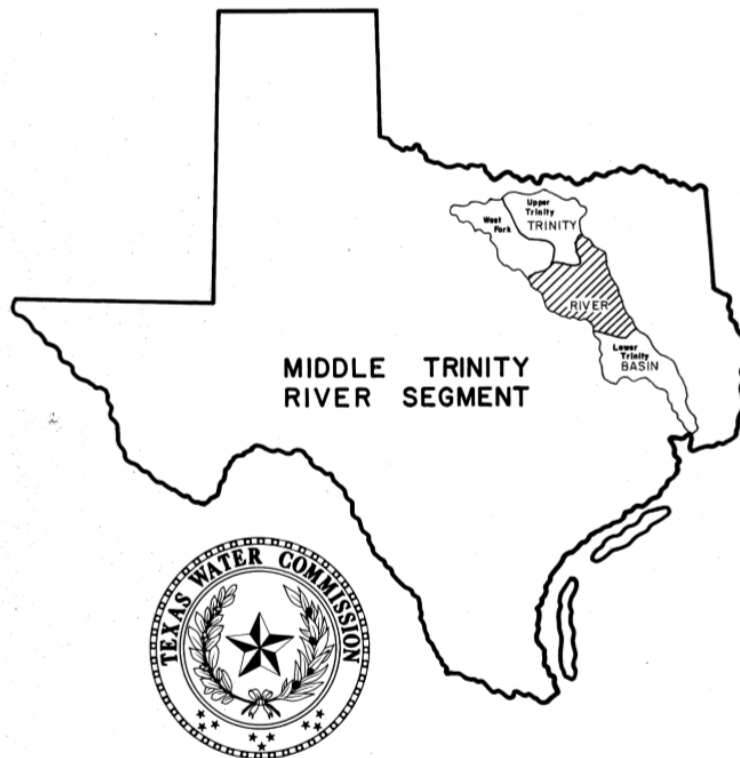


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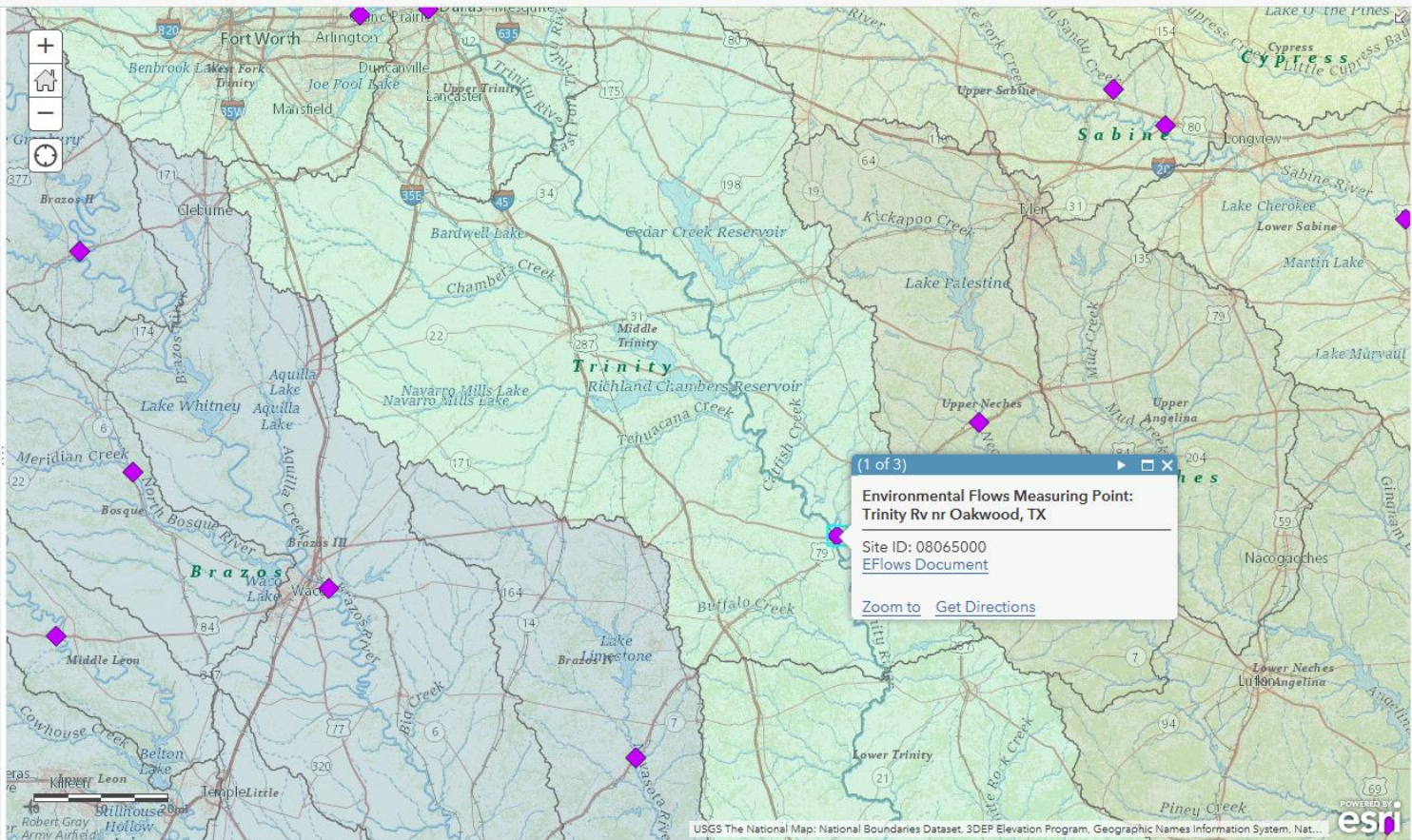
FINAL DETERMINATION OF ALL
CLAIMS OF WATER RIGHTS IN THE
MIDDLE TRINITY RIVER SEGMENT
OF THE TRINITY RIVER BASIN.

MAY 15, 1985



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United States Geological Survey Gage 08065000, Trinity River near Oakwood

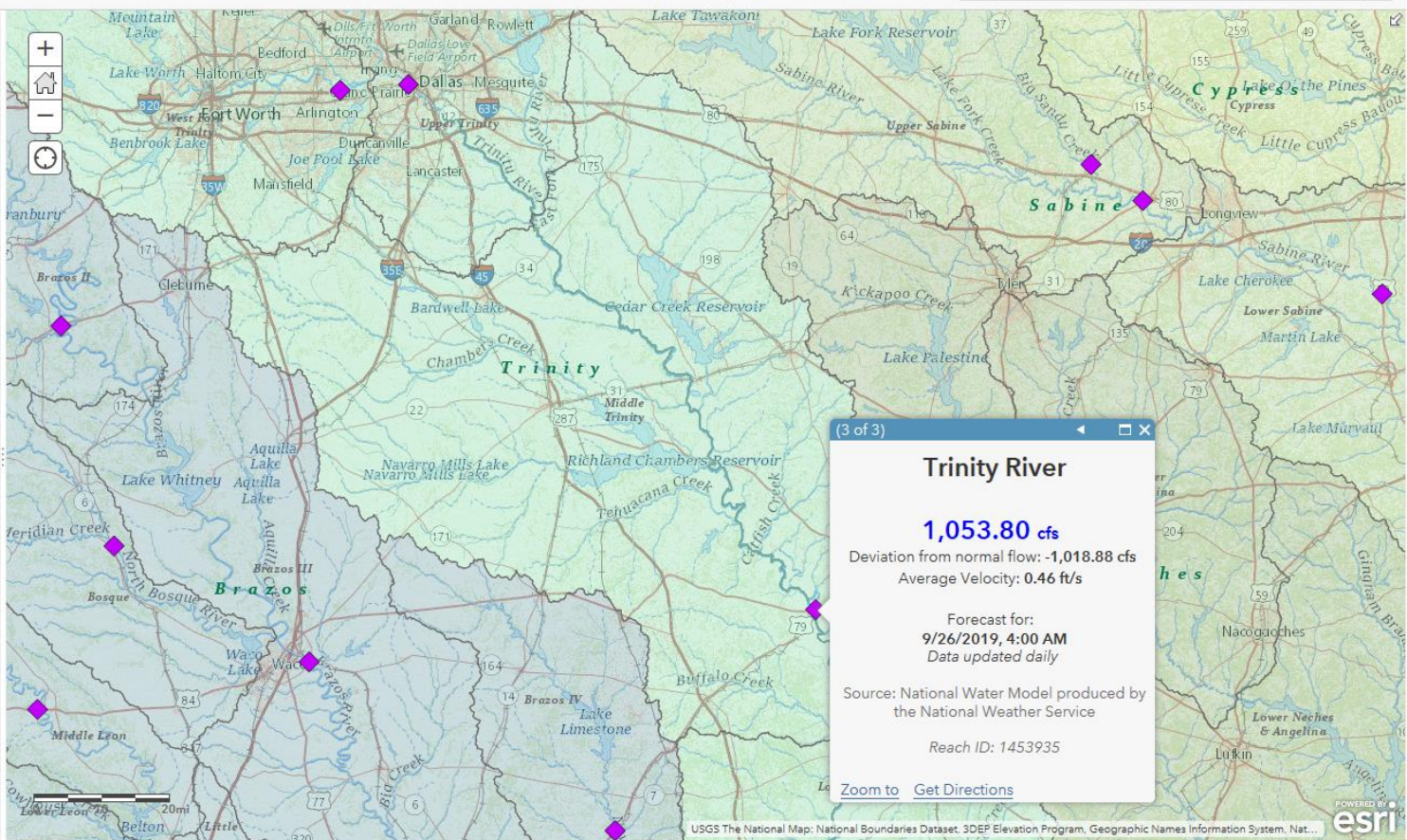
Season	Subsistence	Base	Pulse
Winter	120 cfs	340 cfs	Trigger: 3,000 cfs Volume: 18,000 af Duration: 5 days
Spring	160 cfs	450 cfs	Trigger: 7,000 cfs Volume: 130,000 af Duration: 11 days
Summer	75 cfs	250 cfs	Trigger: 2,500 cfs Volume: 23,000 af Duration: 5 days
Fall	100 cfs	260 cfs	Trigger: 2,500 cfs Volume: 23,000 af Duration: 5 days

cfs = cubic feet per second
af = acre-feet



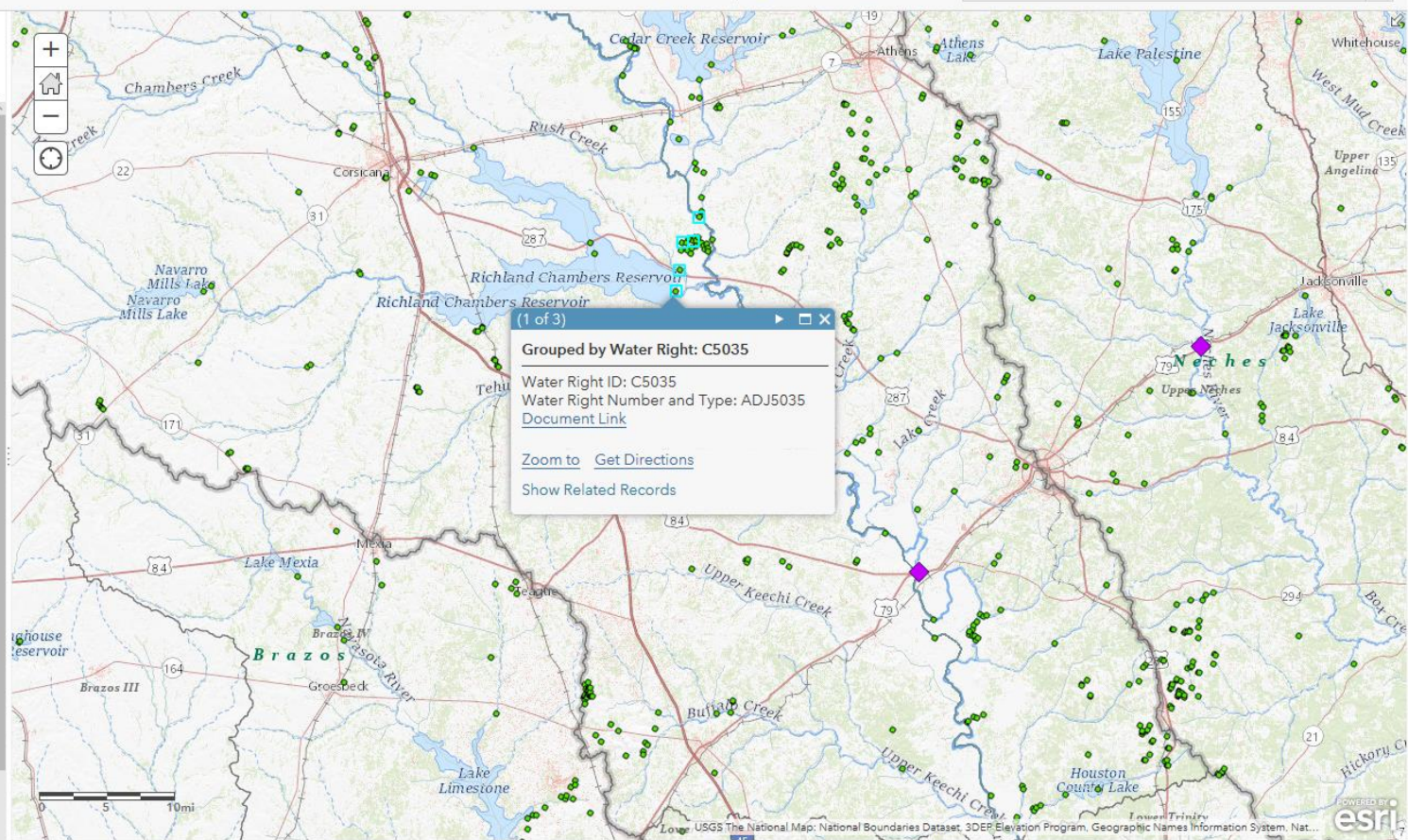
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CERTIFICATE OF ADJUDICATION

CERTIFICATE OF ADJUDICATION: 08-5035 OWNER: Tarrant County Water
Control and Improvement
District No. 1
P. O. Box 4508
Fort Worth, Texas 76106

COUNTIES: Freestone and Navarro PRIORITY DATE: October 18, 1954

WATERCOURSE: Richland Creek,
tributary of the Trinity
River BASIN: Trinity River

WHEREAS, by final decree of the 66th Judicial District Court of Hill County, in Cause No. 28,952 In Re: The Adjudication of Water Rights in the Middle Trinity River Segment of the Trinity River Basin dated September 4, 1986 a right was recognized under Permit 3216 authorizing the Tarrant County Water Control and Improvement District No. 1 to appropriate waters of the State of Texas as set forth below;

NOW, THEREFORE, this certificate of adjudication to appropriate waters of the State of Texas in the Trinity River Basin is issued to the Tarrant County Water Control and Improvement District No. 1, subject to the following terms and conditions:

1. IMPOUNDMENT

Owner is authorized to maintain an existing dam and reservoir on Richland Creek (Richland Creek Reservoir) and impound therein not to exceed 1,135,000 acre-feet of water. The dam is located in the John Thomas Survey, Abstract 603; the Martha Boyd Survey, Abstract 96; the John A. Loyd Survey, Abstract 370; the Florinda Dixon Survey, Abstract 198; the William Lockridge Survey, Abstract 366 in Freestone County and the Garnett G. Cole Survey, Abstract 152 in Navarro County, Texas.

2. USE

Owner is authorized to divert and use not to exceed 210,000 acre-feet of water per annum from Richland Creek Reservoir for municipal purposes.

3. DIVERSION

A. Location

At a point on the perimeter of the aforesaid reservoir in the Julian Fontonoy Survey, Abstract 265, Navarro County, Texas.



Details Basemap |

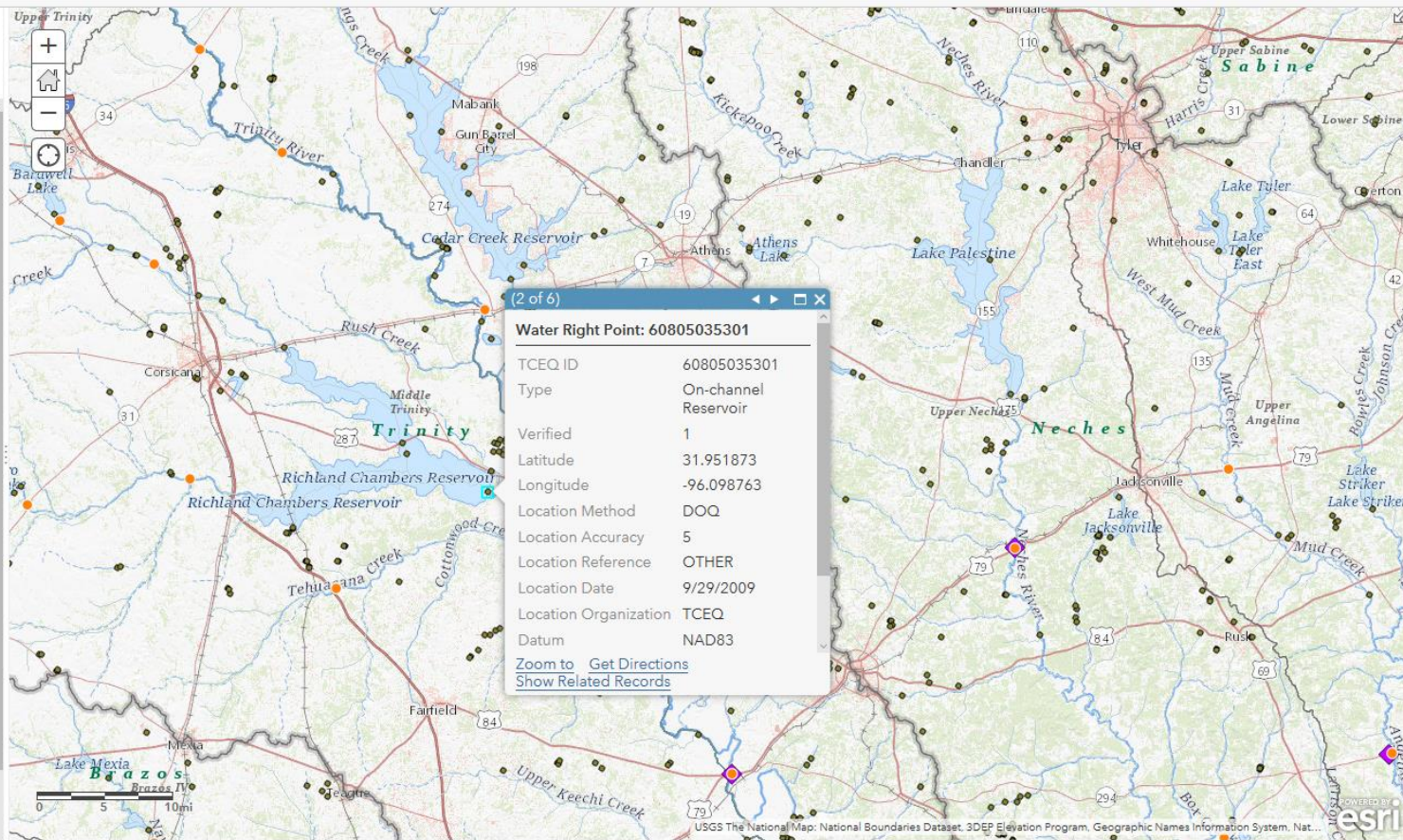
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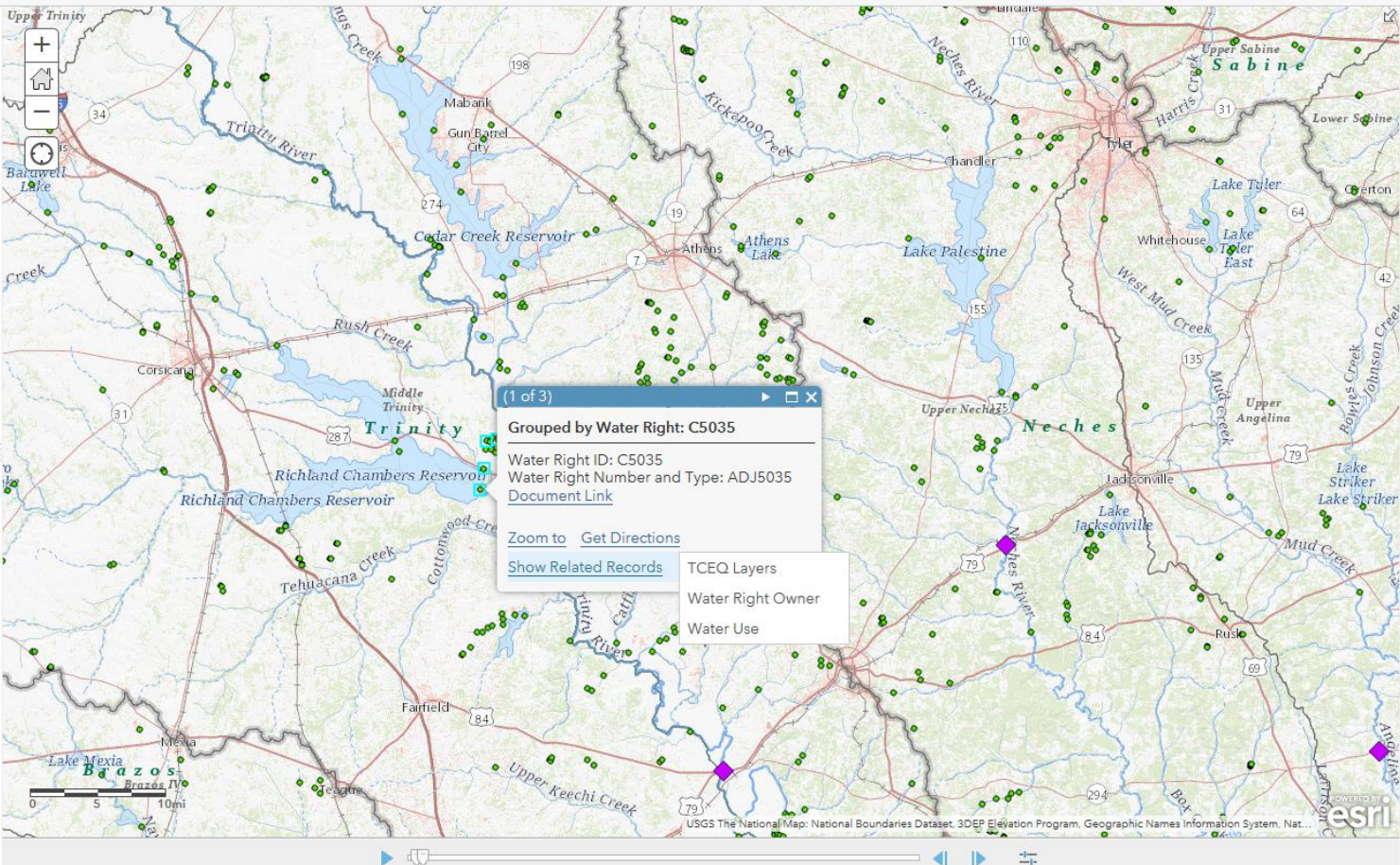
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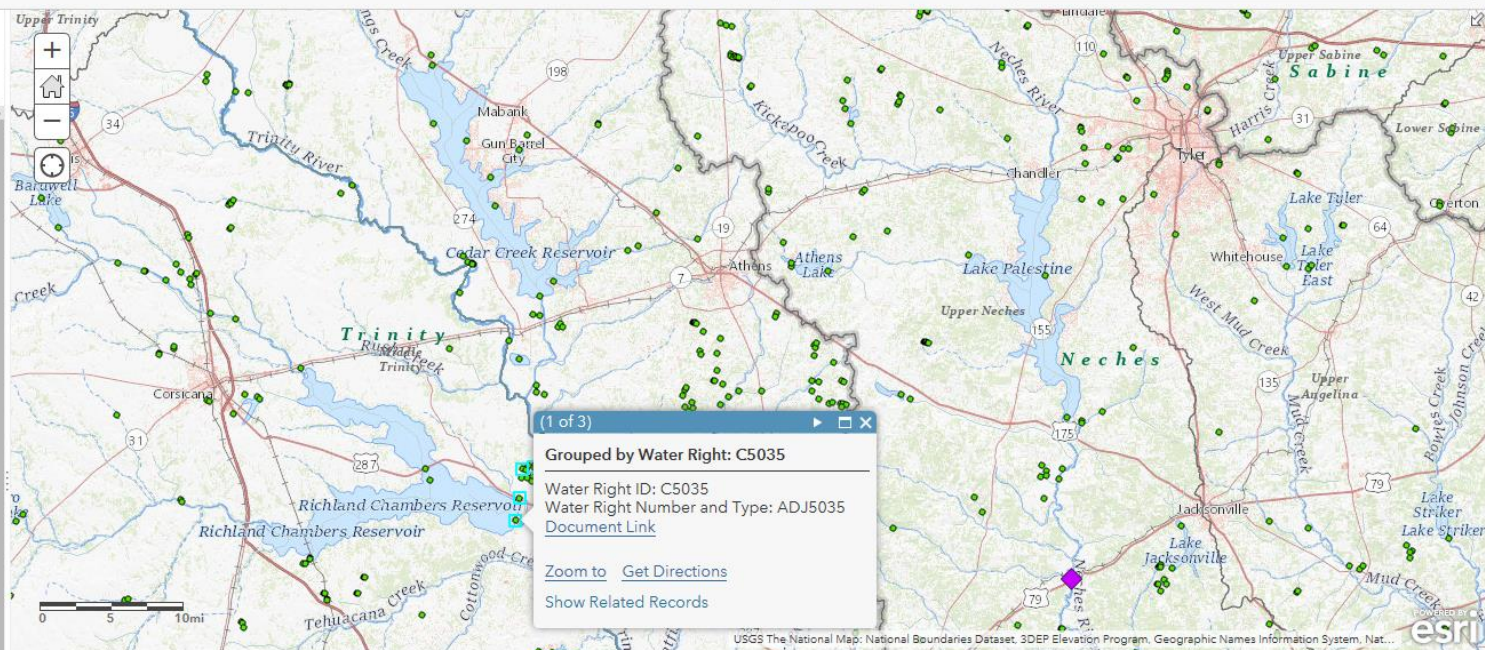
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Water Right Owner (Features: 1, Selected: 0)

Water Right ID	Owner	GDB_ADM.TCEQ_WR_MULTIPPOINT
C5035	TARRANT REGIONAL WATER DISTRICT	(1) Show



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Water Use (Features: 44, Selected: 0)

Water Right ID	Year	Use	OWN_NAME	JAN_DIV	FEB_DIV	MAR_DIV	APR_DIV	MAY_DIV
C5035	2014	MUNICIPAL/DOMESTIC AND LIVESTOCK	TARRANT REGIONAL WATER DISTRICT	3,093.00	4,867.00	19,452.00	20,226.00	21,187.00
C5035	2014	INDUSTRIAL	TARRANT REGIONAL WATER DISTRICT	190.00	184.00	91.00	350.00	293.00
C5035	2014	IRRIGATION	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2014	MINING	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2015	INDUSTRIAL	TARRANT REGIONAL WATER DISTRICT	382.00	279.00	376.00	329.00	377.00
C5035	2015	IRRIGATION	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2015	MINING	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2015	MUNICIPAL/DOMESTIC AND LIVESTOCK	TARRANT REGIONAL WATER DISTRICT	11,569.00	17,708.00	9,639.00	18,115.00	7,972.00
C5035	2016	IRRIGATION	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2016	IRRIGATION	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2016	INDUSTRIAL	TARRANT REGIONAL WATER DISTRICT	343.00	286.00	434.00	397.00	449.00
C5035	2016	MINING	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2016	MUNICIPAL/DOMESTIC AND LIVESTOCK	TARRANT REGIONAL WATER DISTRICT	313.00	1,331.00	6,340.00	6,074.00	6,400.00
C5035	2017	IRRIGATION	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2017	IRRIGATION	TARRANT REGIONAL WATER DISTRICT	0.00	0.00	0.00	0.00	0.00
C5035	2017	INDUSTRIAL	TARRANT REGIONAL WATER DISTRICT	224.00	245.00	337.00	327.00	466.00

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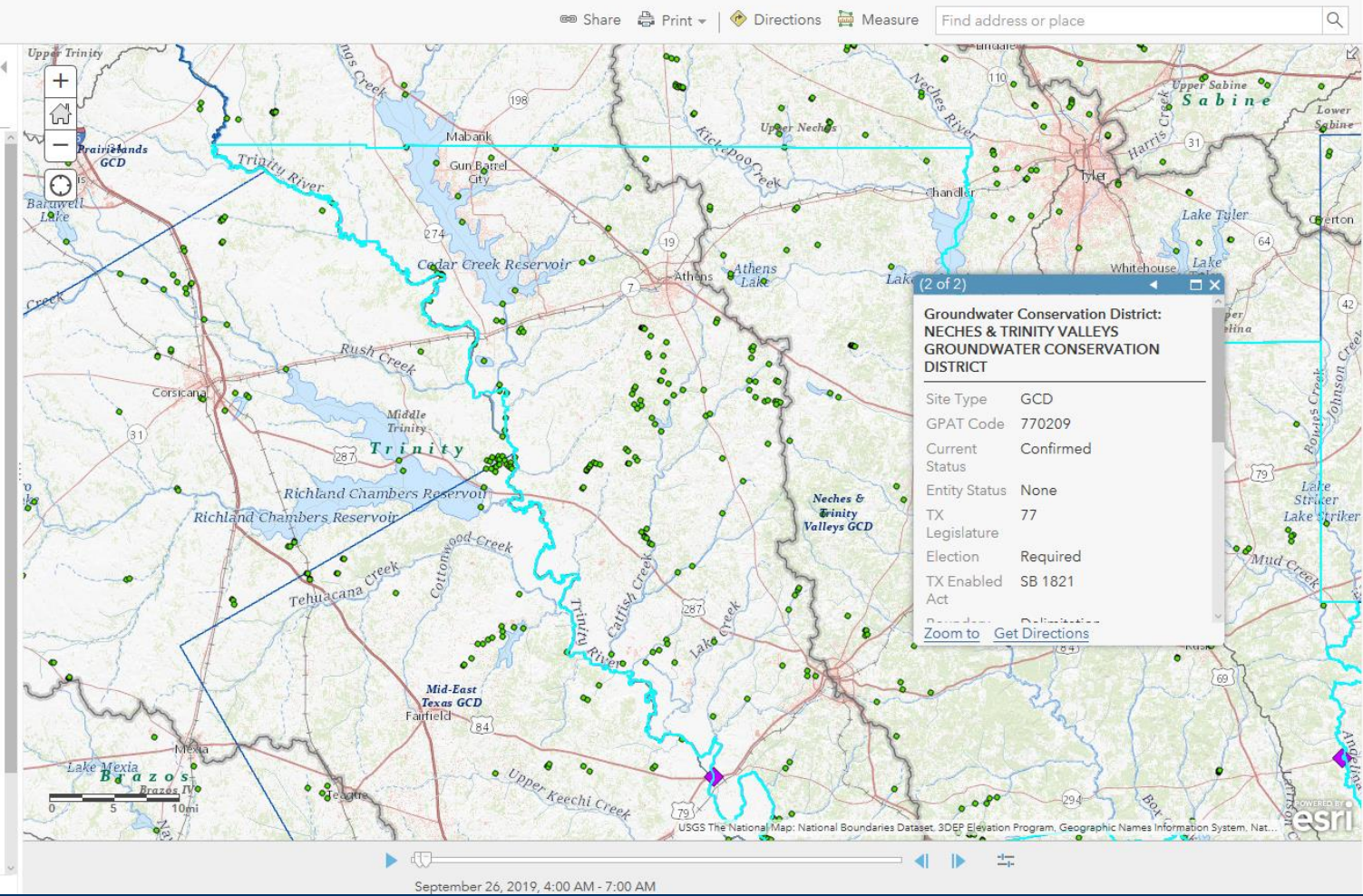
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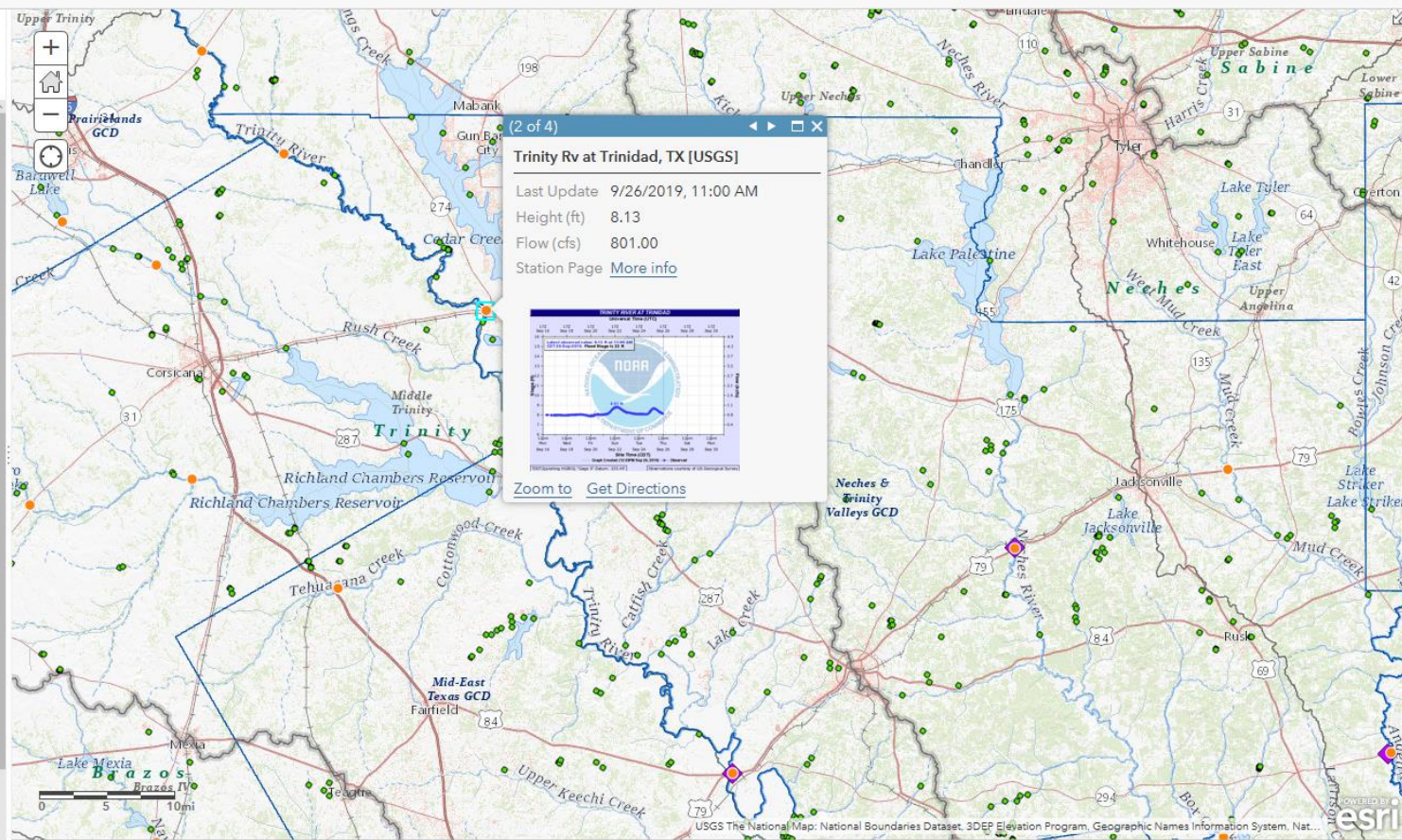
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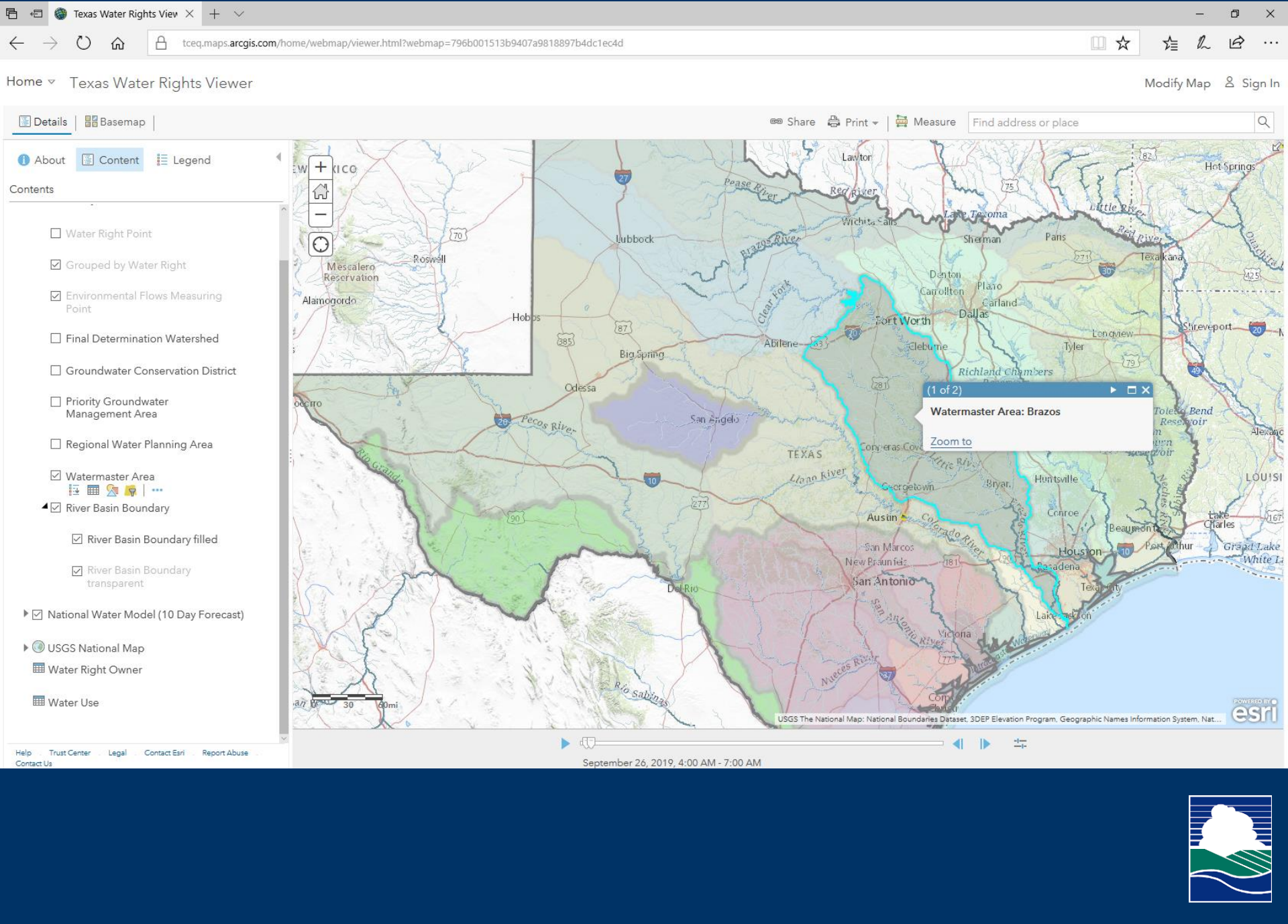
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