



2026 Water Management Plan Application to the Texas Commission on Environmental Quality

***Presented by
Aaron Abel
Water Services Manager***



System Operation (SysOps) Permit

- In 2004, BRA submitted a 1st of its kind water right application to the Texas Commission on Environmental Quality (TCEQ)
- The permit application would later be known as the System Operation Permit (SysOps Permit)
- The SysOps Permit created a reliable supply of water through the intentional and efficient operation of BRA's water rights and reservoirs





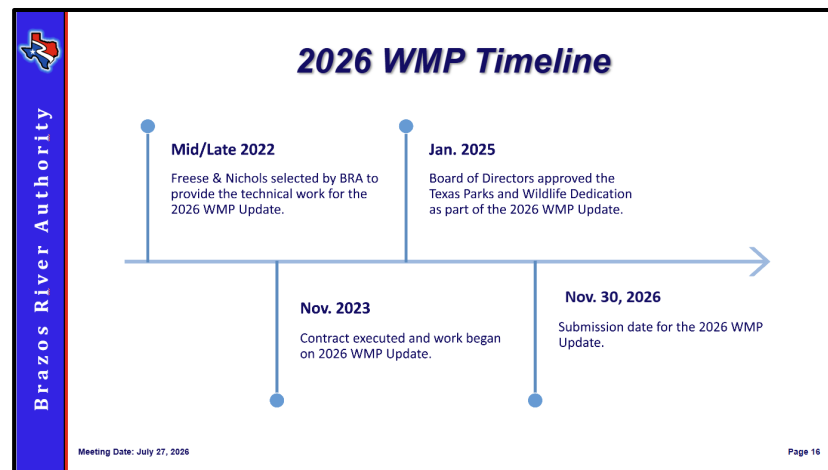
2026 Water Management Plan Update

- **Generates about 100,000 ac-ft/yr of firm, contractable water supply**
 - **Total Revenue from water sales to date: \$57.5 million.**
- **BRA is mandated by Special Condition 5.D.3. to update the WMP every ten years**
- **Water Management Plan Project Budget: \$3,684,700**
- **Budget year approved: FY 2024**
- **Strategic Plan Goal: 2.1.2**



Reminder

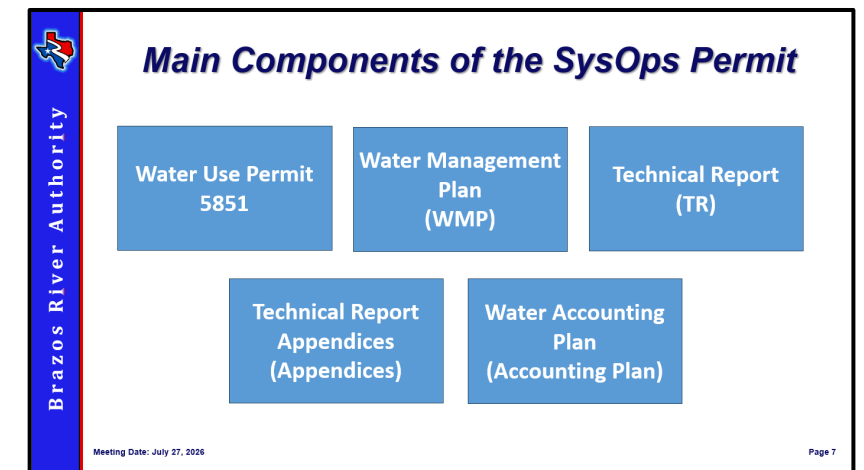
- **July 2026 Board Meeting:**
 - In depth history of the SysOps Permitting Timeline
 - Where to find more information & the documentation related to the SysOps Permit
 - Main Components of SysOps Permit



Where to Find Information About SysOps?

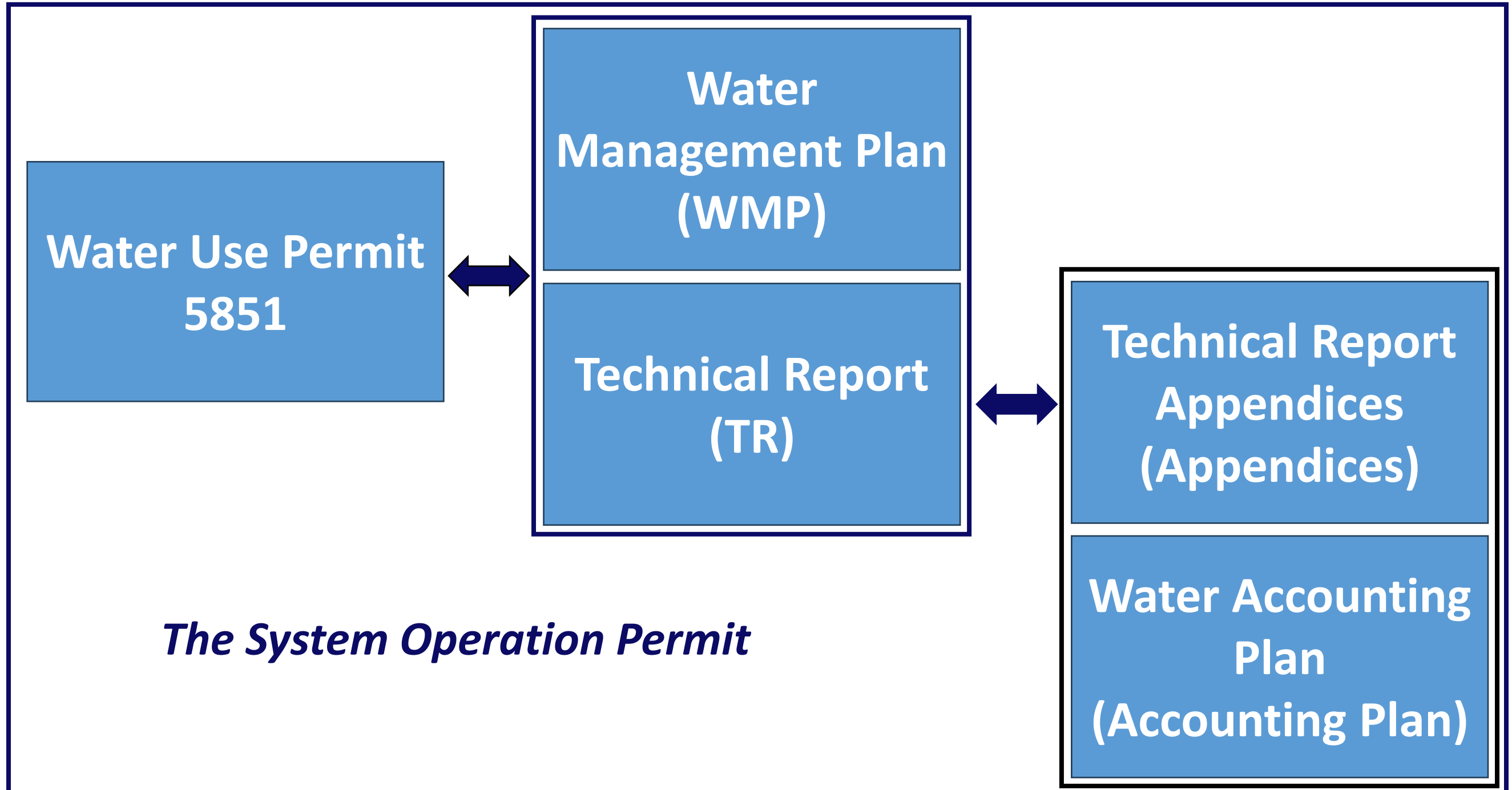
Link: <https://brazos.org>

Meeting Date: July 27, 2026 Page 13





Main Documents of the SysOps Permit





2026 WMP Update

- **The WMP documents (including the TR, Appendices, and Accounting Plan) are incorporated as part of and attached to Water Use Permit 5851.**
- **Updates to the WMP inherently require updating the other main components of the ‘System Operation Permit’ as well as the underlying modeling files.**
- **BRA’s Updates to the 2026 WMP may result in amendments to Water Use Permit 5851.**



2026 WMP Update

2026 WMP Updates include:

- **Grammatical / typographical corrections**
- **Terminology consistency improvements**
- **Removal of obsolete information**
- **New language describing BRA operations and state agency coordination**
- **Current water contract, use, and supply data**
- **Additional system diversion reach – Brushy Creek**



2026 WMP Update

2026 WMP Updates include: *Modeling*

- **Utilization of current TCEQ Brazos WAM**
- **Updated Yield models for BRA System and Reservoirs**
- **10-yr future potential BRA operations and water supply system behavior**
- **Updated distribution of system reach diversion limits for SysOps water across all diversion reaches**



2026 WMP Update

2026 WMP Updates include: *Return Flows*

- **Updated distribution and discharges of WWTP return flows authorized in SysOps Permit**
- **Revised lists of WWTP return flows in WMP and P5851**
- **Addition of new BRA-sourced return flows from existing WWTPs and two new WWTPs**
 - **Total of 7,226 ac-ft/yr at a junior priority**



2026 WMP Update

2026 WMP Updates include: *Addition of the TPWD Dedication*

- **6,035 ac-ft/yr of firm water along the Brazos Mainstem from Possum Kingdom Lake to the Gulf for instream uses.**
- **Dedication agreement with TPWD**
 - **‘Instream’ use added as authorized use type**
- **TPWD is responsible for determining how to utilize the dedication**



2026 WMP Update

2026 WMP Updates include: *Water Accounting Plan*

- **Updates to return flows WWTP discharge permits and quantities**
- **Addition of return flow tracking by priority date**
- **Update of reach diversion limits**
- **Addition of Brushy Creek as a diversion reach**
- **Addition of instream use (TPWD Dedication)**



2026 WMP Application

- **2026 WMP Application – Includes forms from the TCEQ standard water right amendment application package.**
 - **BRA will also have to submit the required fees for processing the application.**
- **Documents to be Submitted:**
 - **Proposed 2026 WMP, Tech. Report, Appendices, and WAP**
 - **Updated WAM modeling files**
 - **TCEQ application forms**
 - **3-5 page summary document**



“WHEREAS, the Brazos River Authority is required by Special Condition 5.D.3 of Water Use Permit 5851 to, at a minimum of every ten years, submit an updated Water Management Plan to the Texas Commission on Environmental Quality (TCEQ);

WHEREAS, the first update to the Water Management Plan must be submitted by the Brazos River Authority no later than November 30, 2026;

WHEREAS, the Brazos River Authority’s staff and outside consultants have developed a water right amendment application package which includes the proposed 2026 Water Management Plan, updated Water Accounting Plan, Water Use Permit 5851, and various other documentation required for submittal (2026 WMP Application); and,

WHEREAS, upon submittal of the 2026 WMP Application, the TCEQ will undertake both an administrative and technical review which may result in additional amendments or changes to the Brazos River Authority’s Water Management Plan, Water Accounting Plan, Water Use Permit 5851, and/or other submitted material.



NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of the Brazos River Authority hereby authorizes the General Manager/CEO to submit the 2026 WMP Application, including all documentation, technical analysis, and application material plus associated fees, to the TCEQ no later than November 30, 2026.”



Brazos River Authority



Brazos
— ★ —
RIVER AUTHORITY