Update on
Groundwater, Wells & Monitoring

SAVEBURNET.COM

How much water do Burnet County residence use?

- According to municipal guideline data for the City of Burnet, local officials reference an “average household use of ~5,000 gallons per month” when discussing water rate increases. DailyTrib.com
- A broader state-level figure from the Texas Water Development Board estimates monthly usage for Texas residential utility customers at roughly **7,380 to 8,514 gallons**.
- So, for our purposes, we can reasonably cite a figure of **approximately 7,500 gallons per month** for an average household in the area, with the caveat that actual usage may vary depending on irrigation, lawn care, and other factors.
- Water usage of Asphalt Inc. Rock Crusher = Over 1000 residential homes!

Our precious resource - Groundwater

- The proposed rock crushing facility may require up to spray 9,700,000 gallons per month, just for dust abatement. (reference TCEQ permit)
- Where will they get that much water? Over half of it will be from drilling well(s) into the local Aquifer. Asphalt Inc. already has two wells that are drilled and operational (#9911 & #9913). Both of these wells have recently completed their 24-hour drawdown test.
- This 24-hour drawdown test was performed Sept 29th thru Oct 2nd and was overseen by CTGCD.

Asphalt Inc.’s Test Well overview

- **Well #1** — 24-hour drawdown test began on **October 1st**. Estimated output: **~100-120 GPM**.
- **Well #2** — Drilled with a 2" casing; this is a **monitoring well only**, not suitable for production.
- **Well #3** — 24-hour drawdown test began on **September 29th**. Estimated output: **~40-50 GPM.**
- **CTGCD** is monitoring and reviewing the data from the **seven surrounding wells**.
- **Early data analysis** shows significant **negative impacts on nearby well levels** during Asphalt Inc.’s 24-hour drawdown test — a serious concern for area residents and ranchers. Long-term effects must still be modeled.
- **An independent 3rd party firm** that is approved by CTGCD will review the **Hydrology Report** that will be **prepared by Asphalt Inc’s engineering firm.**
- **CTGCD will review the findings from their 3rd party and interface with** Asphalt Inc.’s engineering firm.
- It is expected that Asphalt Inc will request an **“Over 50 GPM or Industrial” groundwater permit** for the two production wells combined (well #1 & well #3).

Monitoring wells and Hydrology Report

- The following pages will illustrate the locations of the 2 CTGCD monitored wells on FM3509. One on the San Saba aquifer “well #2568” and one on the Hickory Aquifer “well #3737” and 5 additional wells that were monitored as part of the 24-hour water drawdown test.
- The 24-hour draw down test is part of the Hydrology report that will be completed by Asphalt Inc.’s engineering firm. Once the hydrology report is complete, it will be submitted to CTGCD who along with an independent 3rd party firm (possibly, Intera Inc,) will verify the accuracy of the Hydrology report.
- When the Hydrology report is complete and admiratively correct, Burnet’s local CTGCD office will make a recommendation to the CTGCD Board.

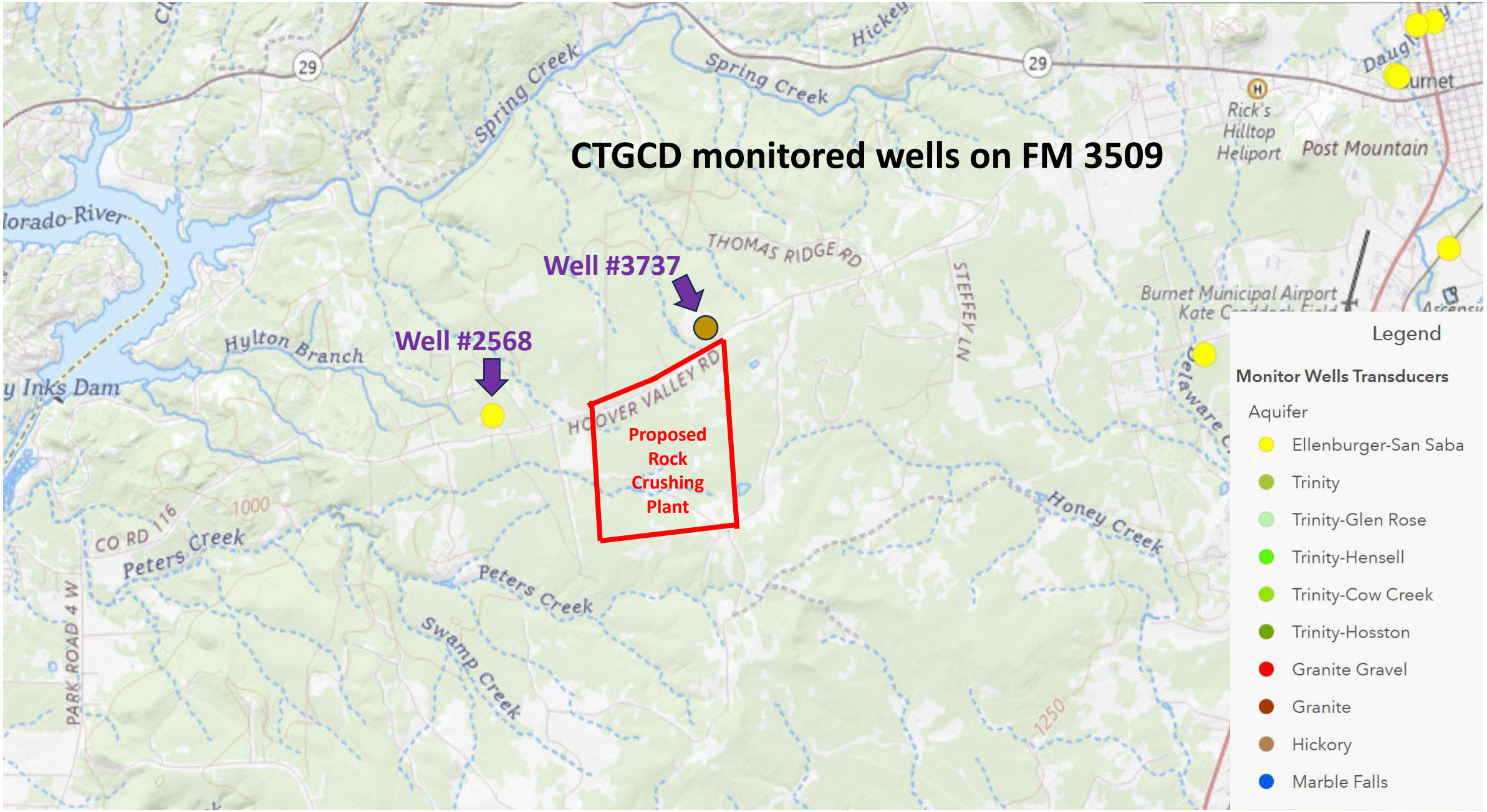
Summary of CTGCD's permitting process

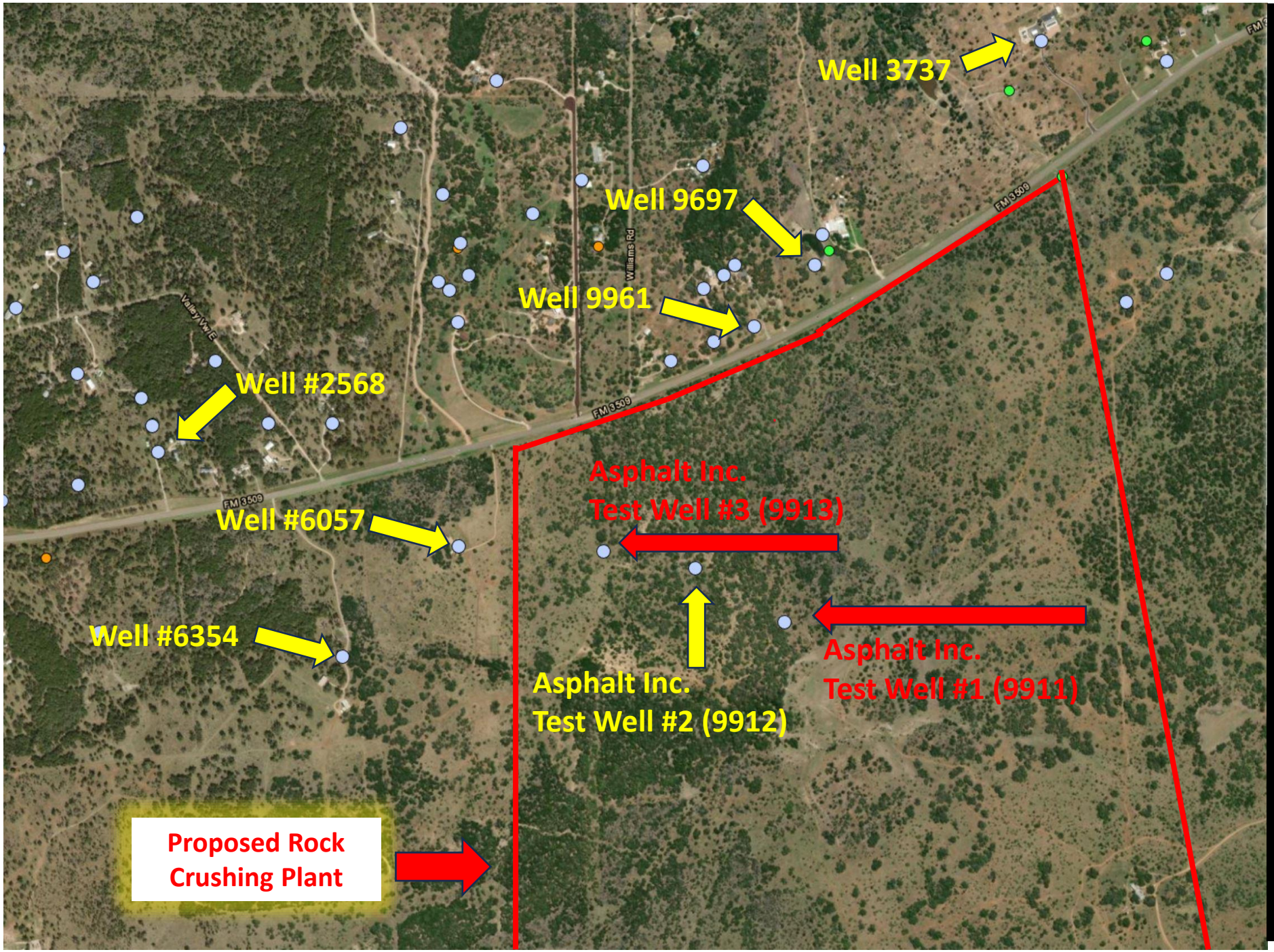
Please note that as of today November 12th, 2025 – No Permit has been requested by Asphalt Inc.

- Before the CTGCD Board makes any **decision on the permit**, **CTGCD will hold a public meeting**. CTGCD will provide a 10-to-30-day notice of where and when the public meeting will be held. This public meeting will be open to all concerned citizens

- This public meeting will be our community's opportunity to speak out — we will need **ALL 3,000+ SaveBurnet.com followers** to attend and voice concerns. *Continue to check SaveBurnet.com for the latest information.*

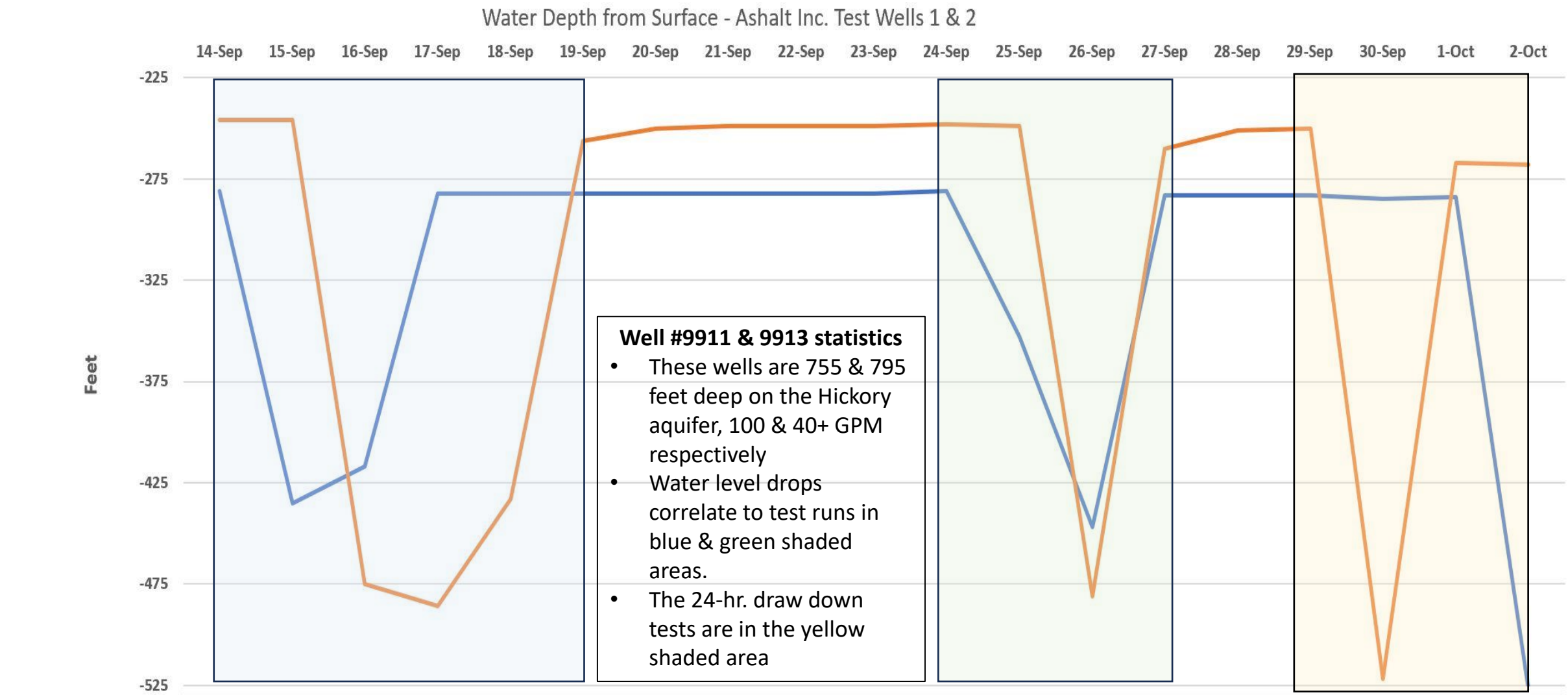
- After the public hearing, the CTGCD Board will deliberate. There are a few possible outcomes:
  - **Permit Rejected** ✅
  - **Permit Approved with Reduced Pumping Limits** ⚠️
  - **Permit is withdrawn pending additional investigations / analysis.** ⚠️
  - **Permit Approved as Submitted** ❌
  - **Permit Approved as Submitted, with Special conditions** ❌


CTGCD monitored wells on FM 3509
Well #3737
Well #2568
Proposed Rock Crushing Plant
Spring Creek
Hickey
THOMAS RIDGE RD
HOOVER VALLEY RD
STEFFEY LN
Hylton Branch
Peters Creek
Swamp Creek
Honey Creek
CO RD 116
PARK ROAD 4 W
Rick's Hilltop Heliport
Post Mountain
Burnet Municipal Airport
Legend
Monitor Wells Transducers
Aquifer
Ellenburger-San Saba
Trinity
Trinity-Glen Rose
Trinity-Hensell
Trinity-Cow Creek
Trinity-Hosston
Granite Gravel
Granite
Hickory
Marble Falls

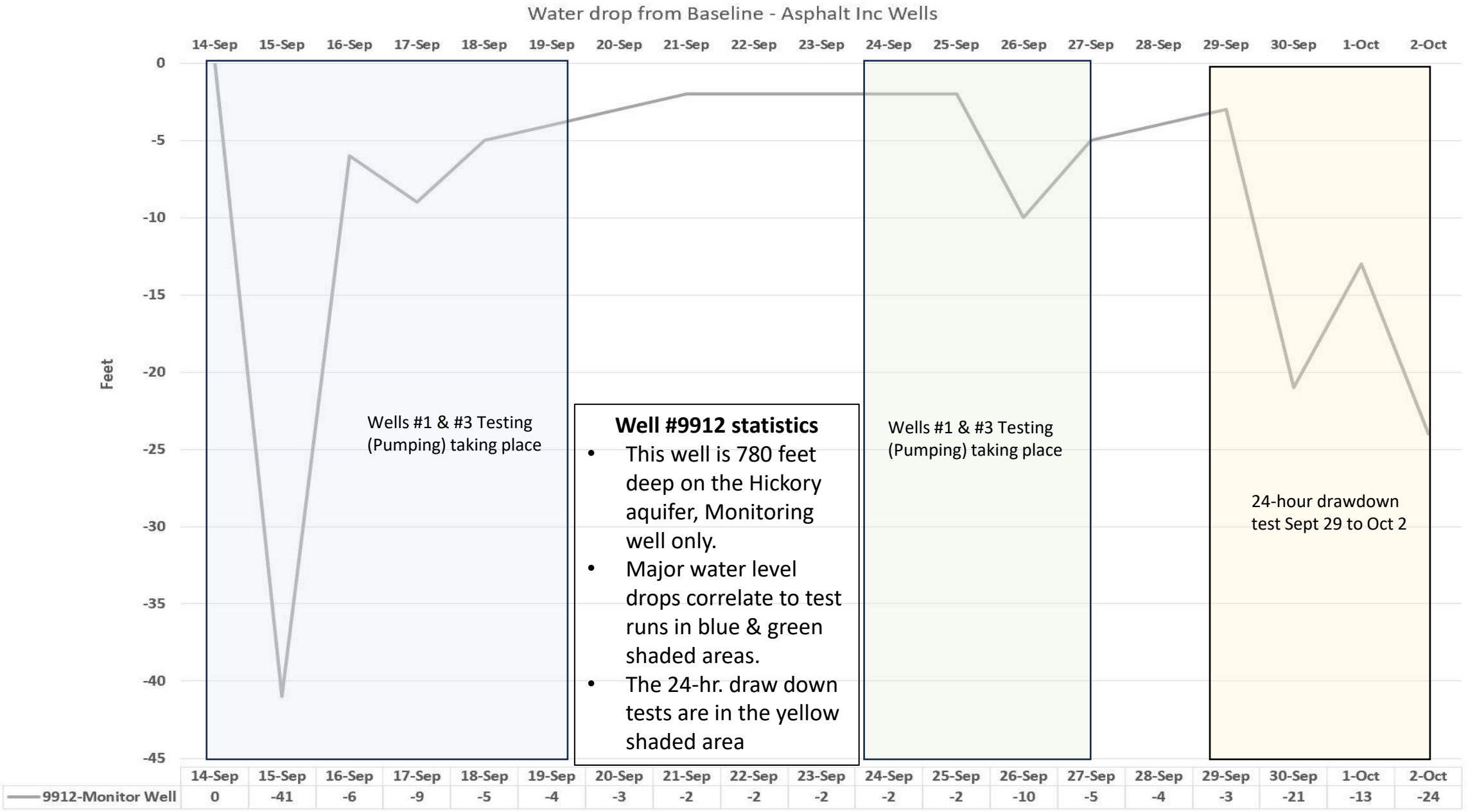


Monitored wells have sensors installed to monitor the water levels during the 24-hour drawdown test are listed in Yellow

Asphalt Inc. Test wells that may be converted into production wells are listed in Red.



	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep	28-Sep	29-Sep	30-Sep	1-Oct	2-Oct
9911-Well #1 (100gpm)	-281	-435	-417	-282	-282	-282	-282	-282	-282	-282	-281	-353	-447	-283	-283	-283	-285	-284	-526
9913-Well #3 (40gpm)	-246	-246	-475	-486	-433	-256	-250	-249	-249	-249	-248	-249	-481	-260	-251	-250	-522	-267	-268

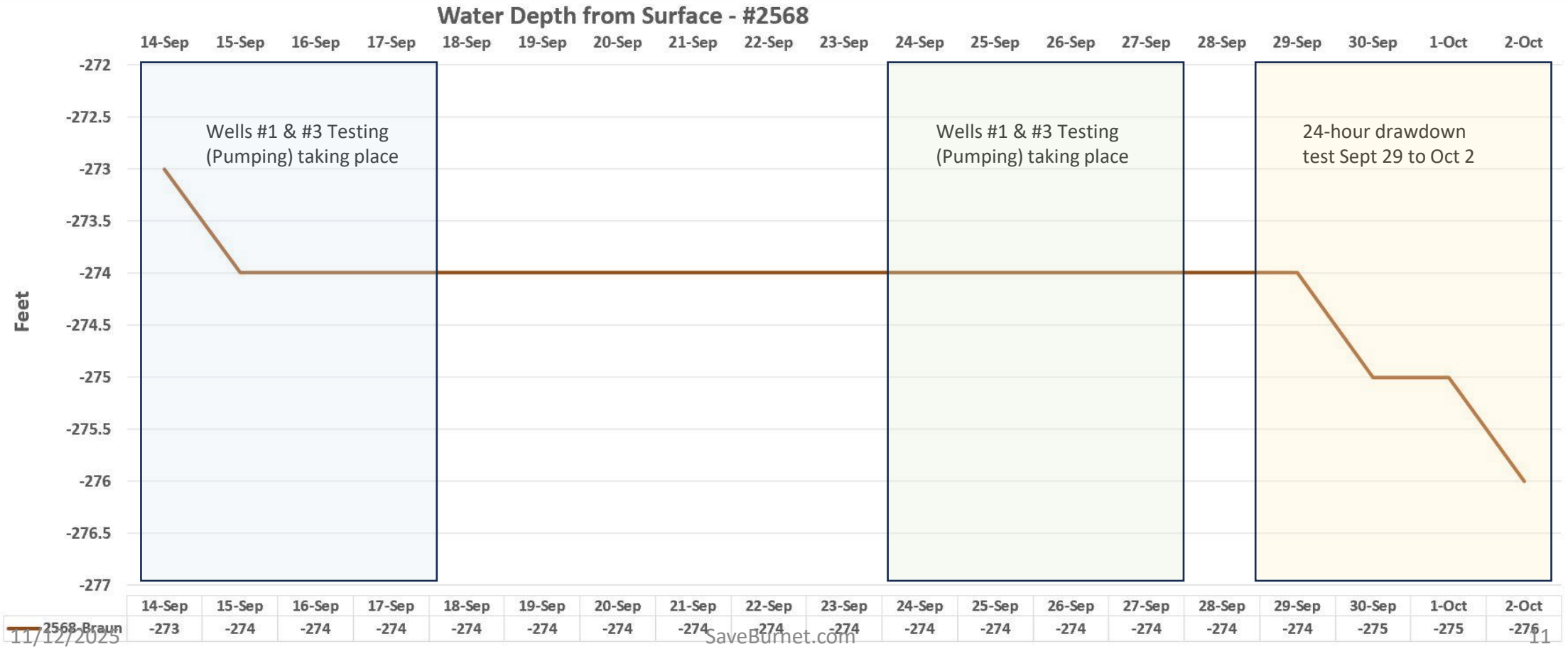


	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep	28-Sep	29-Sep	30-Sep	1-Oct	2-Oct
9912-Monitor Well	0	-41	-6	-9	-5	-4	-3	-2	-2	-2	-2	-2	-10	-5	-4	-3	-21	-13	-24

Well #2568 statistics

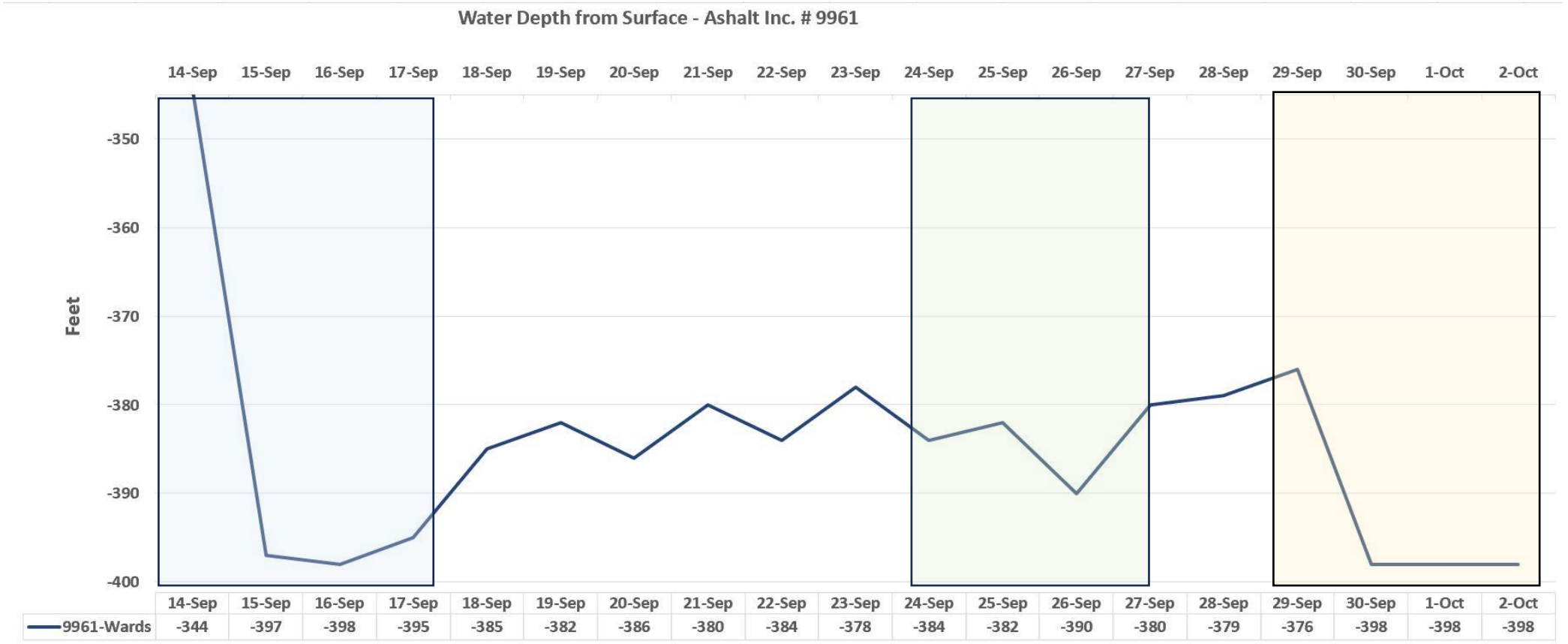
Well ID: 2568
Well Name: FM 3509
State Well ID (State Well Number): 5722106
Usage: Domestic / Livestock
Aquifer: Ellenburger-San Saba
Elevation (ft): 1290
Depth: 450

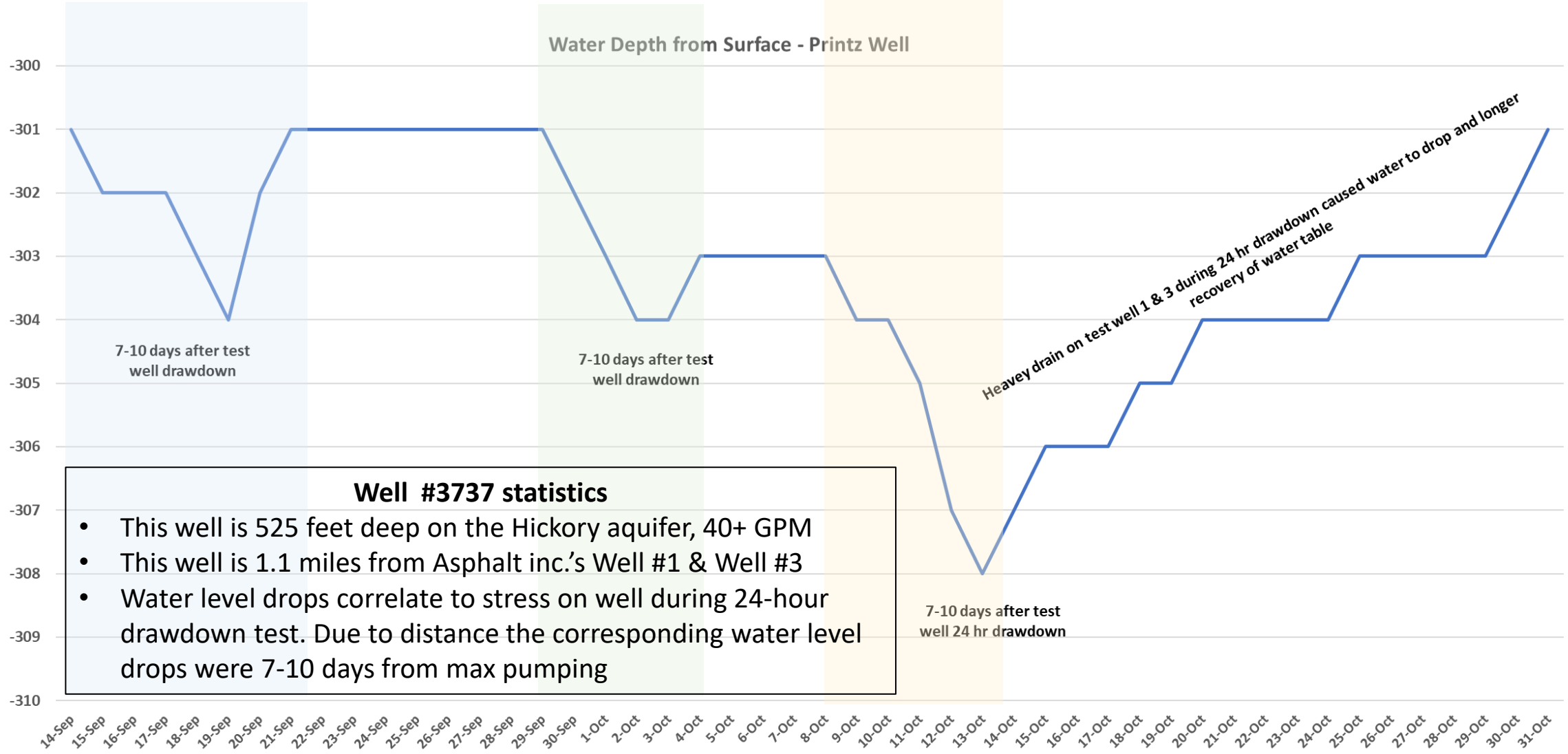
- This well is only 7GPM well
- This well is 0.7 & 0.9 miles from Asphalt inc.'s Well #1 & Well #3 respectively
- Water level drops correlate to stress on well during 24-hour drawdown test.



Well #9961 statistics

- This well is 600 feet deep on the Hickory aquifer, 10 GPM
- This well is 0.5 & 0.4 miles from Asphalt inc.'s Well #1 & Well #3 respectively
- Water level drops correlate to stress on well during 24-hour drawdown test. Slow recovery. Slight delay of ½ to 1 day from max pumping
- **<u>Residence's well ran dry during the drawdown test. Reported to CTGCD on Oct 1st</u>**





Well #3737 statistics

- This well is 525 feet deep on the Hickory aquifer, 40+ GPM
- This well is 1.1 miles from Asphalt inc.'s Well #1 & Well #3
- Water level drops correlate to stress on well during 24-hour drawdown test. Due to distance the corresponding water level drops were 7-10 days from max pumping

Central Texas Groundwater Conservation District – Well Monitoring Program in Burnet County

- The **Central Texas Groundwater Conservation District (CTGCD)**, which serves **Burnet County**, operates a **Well Monitoring Program** to protect and manage the region's groundwater resources — This program plays a crucial role in maintaining water availability for landowners, communities, agriculture, and natural ecosystems.
- This is a good organization that supports the local community. They very knowledgeable, have a local office in the Burnet Square and are very easy to work with.

Central Texas Groundwater Conservation District
Phone: 512-756-4900
225 S. Pierce
Burnet, Texas 78611

💧 Central Texas Groundwater Conservation District – Well Monitoring Program in Burnet County

🌊 What the Program Does in Burnet County

- **Monitors groundwater levels regularly**
  CTGCD uses a network of **monitoring wells** spread throughout Burnet County. These wells are checked manually or with pressure transducers to track **water level changes over time**.
- **Tracks aquifer health**
  The program collects data on how groundwater levels respond to **rainfall, drought, and pumping**, offering a clear view of aquifer stability.
- **Informs water management decisions**
  CTGCD uses this data to guide **drought declarations, pumping limits**, and groundwater permitting. These actions help ensure sustainable use across the county.
- **Supports science-based planning**
  Monitoring data feeds into regional **groundwater models** and water availability projections, especially important when evaluating the impact of **industrial operations**, population growth, or long-term drought.

💧 Central Texas Groundwater Conservation District – Well Monitoring Program in Burnet County

✅ Why It's Important for Burnet County

- **Protects domestic wells**: Many Burnet County homes rely entirely on groundwater. Monitoring helps detect declining levels before a well runs dry.
- **Manages drought risk**: Monitoring triggers conservation measures before a crisis develops.
- **Supports environmental preservation**: Local springs, creeks, and the recharge aquifers that rely on steady groundwater discharge.
- **Guards against industrial overuse**: Accurate data strengthens the ability to regulate large-scale groundwater users such as **rock crushers or aggregate operations**.

Central Texas Groundwater Conservation District

If our groundwater is so precious, why are state officials allowing an industrial rock crusher to use millions of gallons per month—while CTGCD asks residents to conserve? This is a question worth asking at the next CTGCD meeting and/or at the upcoming Public Meeting for the Rock Crusher Permit. Please start preparing your comments, questions and reports now.

The **CTGCD Board of Directors** are:

- **Paul King** – Director, Pct1234@centraltexasgcd.org
- **Kathy Griffis-Bailey** – Secretary/Treasurer, pct1@centraltexasgcd.org
- **Ryan Rowney** – President, pct2@centraltexasgcd.org
- **Ceferino "Reno" Lamb** – Director, Precinct 3, pct3@centraltexasgcd.org
- **Ricky Bindseil** – Vice President, pct4@centraltexasgcd.org

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