PWSAP Webinar Series: Groundwater Renewal Process Part 1 - Groundwater Project Renewals:

A Two-Step Process

Key Personnel: Andrew Dehoff Todd Eaby Dave Haklar William Miller Mike Appleby Scott McFeaters			PWSAP Coo Hydrogeolo	Project Review ordinator ogist , Groundwater
UR RIVER. IR MISSION.	• • •	50 SRBC	• • •	SRBC.NET @SRBCNEWS

Webinar Overview Part 1 -Groundwater Project Renewals: A Two-Step Process January 28, 2021 Part 2 - Groundwater Project Renewals: Operational Monitoring and Operational Testing February 25, 2021 Part 3 - Groundwater Project Renewals: Water Level

 Part 3 – Groundwater Project Renewals: Water Leve Monitoring

50 SRBC

SRBC.NET
 @SRBCNEWS

• March 25, 2021

. . .

YOUR RIVER. OUR MISSION

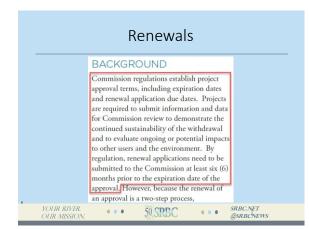
Why Are We Doing This?

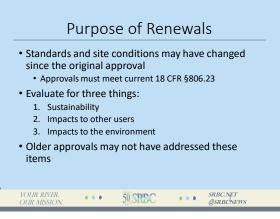
- Continuation and expansion of PWSAP workshops
- Self-funded program to provide technical assistance, mostly for renewals
- First PWSAP offering since COVID struck
- ~ 200 participants today There must be a need!

YOUR RIVER. ••• 50 SRBC ••• SRBC.NET OUR MISSION. ••• 50 SRBC ••• @srBcNews

New Fact Sheets





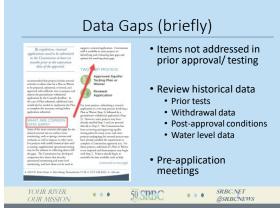


Purpose of Renewals

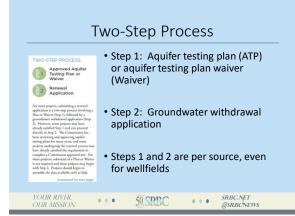
- Aquifer testing limitations
 - Projecting the behavior of the groundwater flow system for the term of the approval based on a 3-day test
- Active management of water resources
 - Periodic check-in on conditions
 - Similar to conducting periodic well performance tests

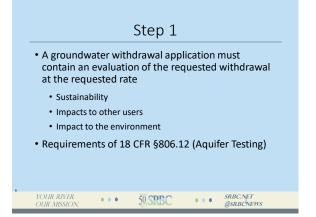
OUR MISSION. OSKBEINEWS	•	YOUR RIVER.	 50 SRBC	 SRBC.NET	
		OUR MISSION.	25 OIUC	 @SRBCNEWS	











Step 1 (Cont.)

- Most projects will need an aquifer testing plan (ATP) or aquifer testing plan waiver (Waiver)
- Bulk of hydrogeologic evaluation is completed during this step with a waiver

50 SRBC

SRBC.NET @SRBCNEWS

. . .

• Aquifer testing, only if needed

. . .

YOUR RIVER. OUR MISSION

Step 1 (Cont.) • Project renewals can meet the aquifer testing requirement by meeting one of the following: • Previous testing under a Commission reviewed and approved Aquifer Test Plan • Submittal, Commission approval and implementation of an Aquifer Test Plan • Submittal and Commission approval of an Aquifer Test Plan Waiver request

50 SRBC

SRBC.NET @SRBCNEWS

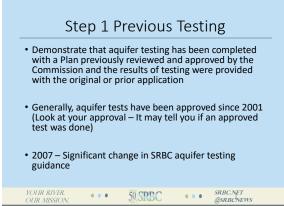
SRBC.NET @SRBCNEWS

. . .

. . .

YOUR RIVER. OUR MISSION

. . .



Step 1 Met, but Missing Data

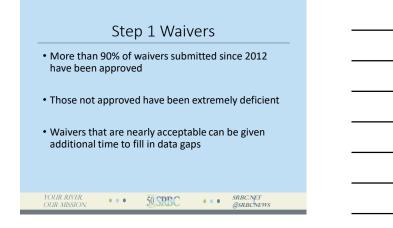
- May still require some data to confirm the results of the original testing
- Data supporting the requested rate is needed (806.23 still applies!)

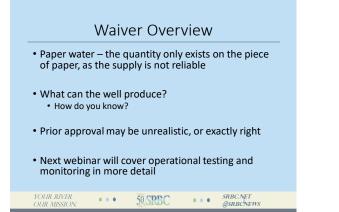
50 SRBC

• Supplement with operational testing?

. . .

YOUR RIVER. OUR MISSION





Step 1 – Aquifer Test Plan

• May be required if:

- Historical testing was not completed, was incomplete, or does not provide the necessary data to evaluate the withdrawal
- Usable operational data has not been collected
- There is not sufficient time to collect useable operational monitoring data to support renewal at the requested rate
- Aquifer Test Plan Guidance can be found at: <u>https://www.srbc.net/regulatory/policies-</u>

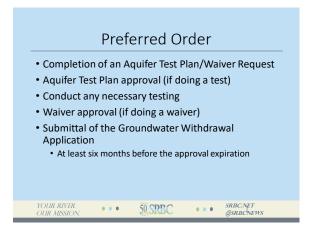
```
    guidance/docs/aquifer-testing-guidance-policy-2007-
01.pdf

    YOUR RIVER
OUR MISSION
    50 SPBC
    •••
    SRBC.NET
@SRBCKEWS
```

Step 2 - Application

- Completion and submittal of the Renewal Application
 - Six-month deadline
 - With the current on-line application system, much of the information contained in the aquifer test plan/aquifer test waiver will be automatically inserted into the application.
 - Information for the renewal application may be covered in a future webinar series

YOUR RIVER. OUR MISSION.	 59 SRBC	• • •	SRBC.NET @SRBCNEWS	



Timing

- Renewal reminders sent out five years before an approval expires
- A good time to assess what data exists and what additional data may be needed (identify data gaps)

50 SRBC

- A pre-application meeting is recommended
- Six-Month APPLICATION submittal deadline
- Can "release" an application

. . .

YOUR RIVER. OUR MISSION

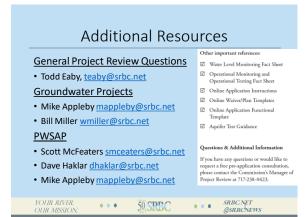
. . .

SRBC.NET @SRBCNEWS

Resources

- Renewal Guidance: https://www.srbc.net/regulatory/policiesguidance/docs/guidelines-expiring-approvals-policy-2016-03.pdf
 Aquifer Test Plan Guidance: https://www.srbc.net/regulatory/policiesguidance/docs/aquifer-testing-guidance-policy-2007-01.pdf
 Aquifer Testing Plan and Waiver Request Instructions (on-
- Aquifer Testing Plan and Waiver Request Instructions (online submittals): https://www.srbc.net/regulatory/applicationprocess/docs/aquifer-testing-plan-online-applicationinstructions.pdf
- Fact Sheets: <u>https://www.srbc.net/our-work/fact-sheets/</u>

YOUR RIVER.	 50 SRBC	 SRBC.NET
OUR MISSION.	 22 SIDC	 @SRBCNEWS



Up Next

- Part 2 Groundwater Project Renewals: Operational Monitoring and Operational Testing
 Thursday, February 25th, 2021 (1-2 pm)
- Part 3 Groundwater Project Renewals: Water Level Monitoring
 - Thursday, March 25th, 2021 (1-2 pm)
- Next Series Aquifer Testing Plan Waivers? • April 2021?
 - We are seeking input on future webinar topics

YOUR RIVER. OUR MISSION.	• • •	59 SRBC	• • •	SRBC.NET @SRBCNEWS

Summary
 Groundwater project renewal is a two step process Collect and evaluate hydrogeological information in support of the requested withdrawal rate. Prepare and submit the groundwater withdrawal application six months prior to expiration
Use existing information to the fullest extent possible
Start early and coordinate with Commission staff – starting with a pre-application meeting

YOUR RIVER. OUR MISSION	• • •	59 SRBC		SRBC.NET @SRBCNEWS	
----------------------------	-------	---------	--	-----------------------	--