





Regional Water Supply Plan Development

Kickoff Meeting

Water Supply Planning & Analysis Program
Virginia Department of Environmental Quality
2025

Agenda

- Background
 - Brief Review of Original Water Supply Plan
- Plan Elements
- Plan Development
- DEQ Resources
- Next Steps
- Q & A (30 min. – 1 hr.)



Background

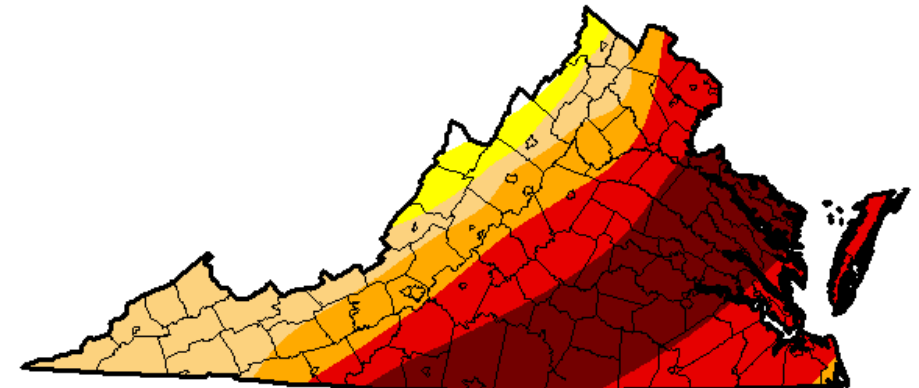
Background

- 1999 – 2002 drought
- Local and Regional Water Supply Planning Regulation (2005) (9VAC25-780)
- Plan submitted and reviewed (2008-2013)
- State Water Resources Plan (2015)
- 5-year Data Updates (2017-2018)
- State Water Resources Plan (2020)

August 27, 2002
(Released Thursday, Aug. 29, 2002)
Valid 7 a.m. EST

	Drought Conditions (Percent Area)					
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.79	99.21	94.15	74.28	57.99	28.61
Last Week 8/20/2002	1.23	98.77	92.14	73.47	56.39	30.53
3 Months Ago 5/28/2002	13.89	86.11	56.73	37.61	7.40	0.00
Start of Calendar Year 1/1/2002	0.00	100.00	98.60	36.16	0.00	0.00
Start of Water Year 9/25/2001	97.33	2.67	0.00	0.00	0.00	0.00
One Year Ago 8/28/2001	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

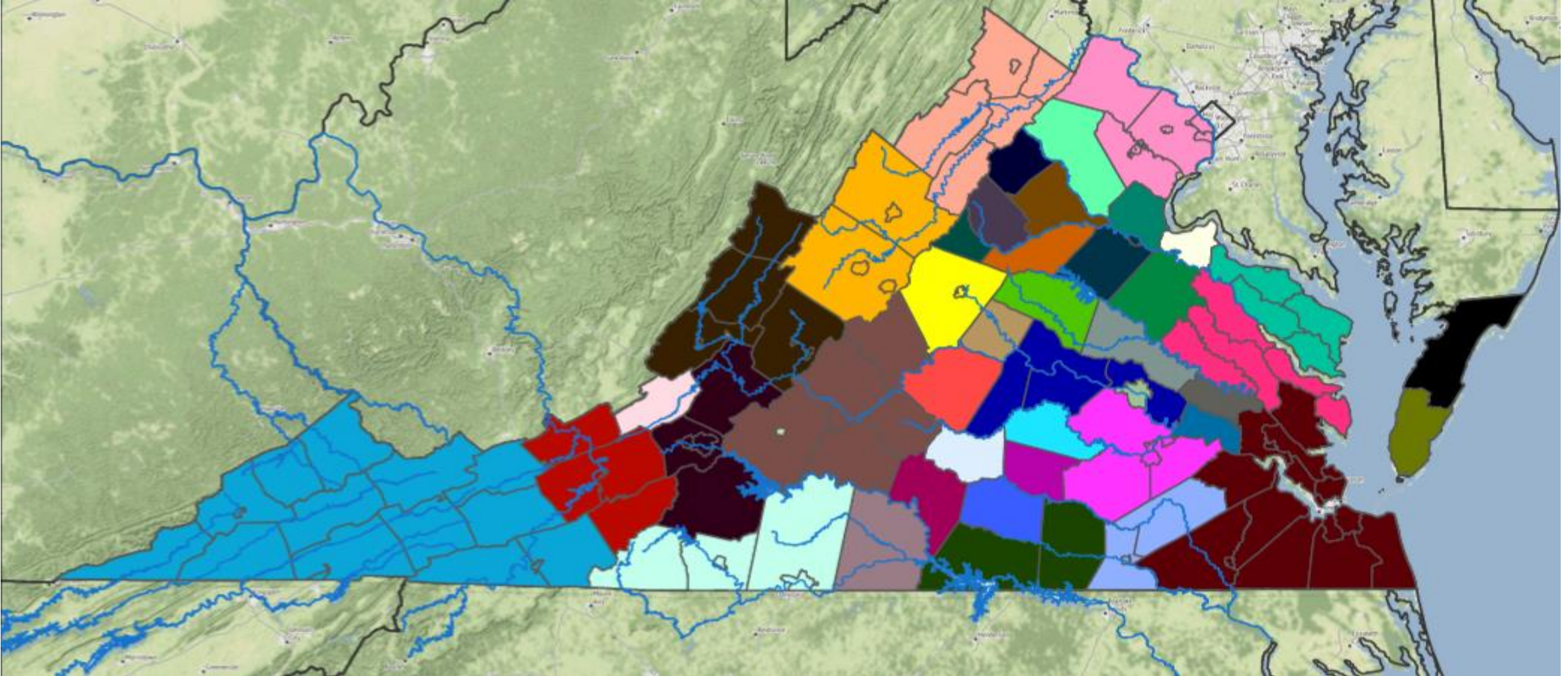


Original Water Supply Plans (2013*)

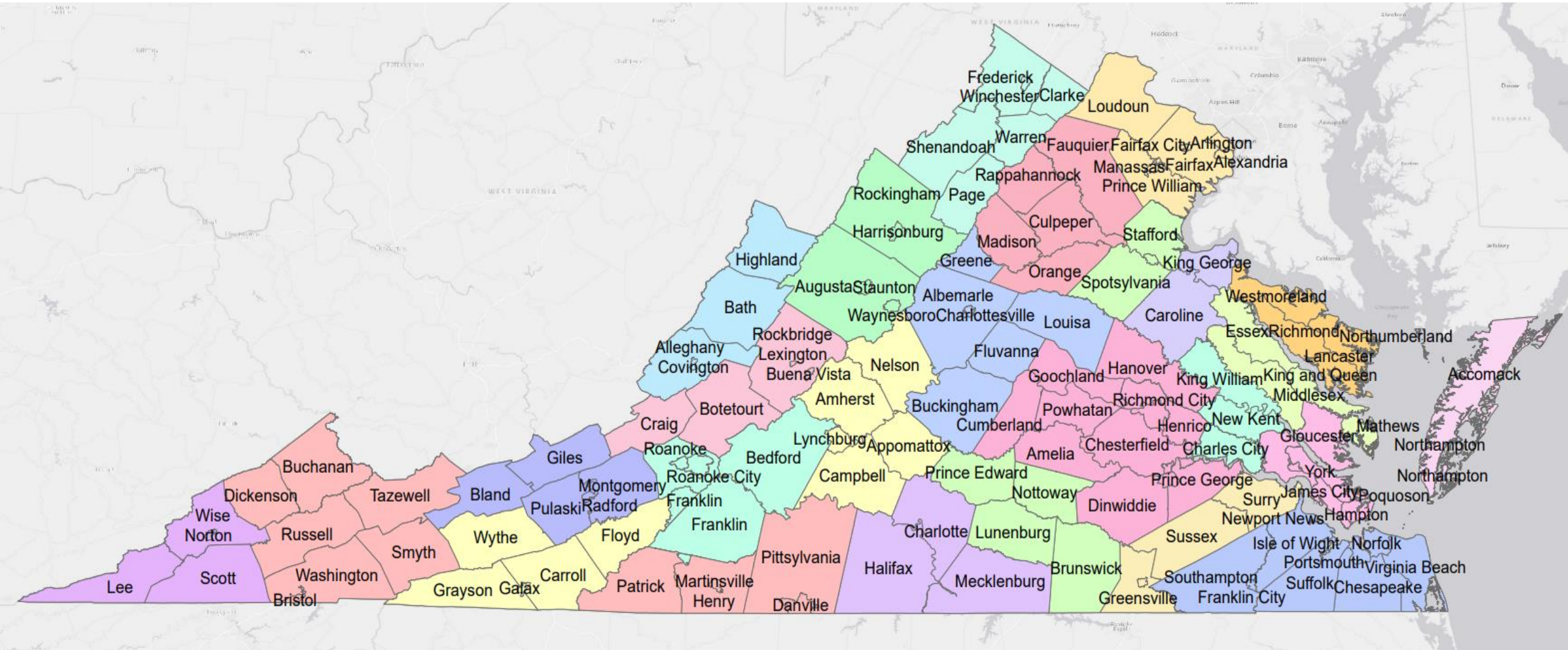
- Original Plan Elements
 - **Existing sources**, water use, and resource conditions
 - Projected demand (2040)
 - Water management activities
 - Drought response and contingency plans
 - **Statement of need**
 - **Alternatives Analysis**

**For a copy of your Regional Planning Area's original plan(s), please contact the water supply planner assigned to the region (see Slide 30).*

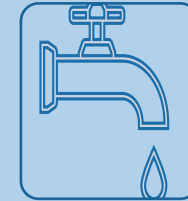
2008 – 2011 Water Supply Planning Areas



Current Regional Planning Areas (RPAs)



Legislative Mandates



HB542 (2020)

River-basin approach

Water supply risks

Stakeholder
involvement

HB1297 (2022)

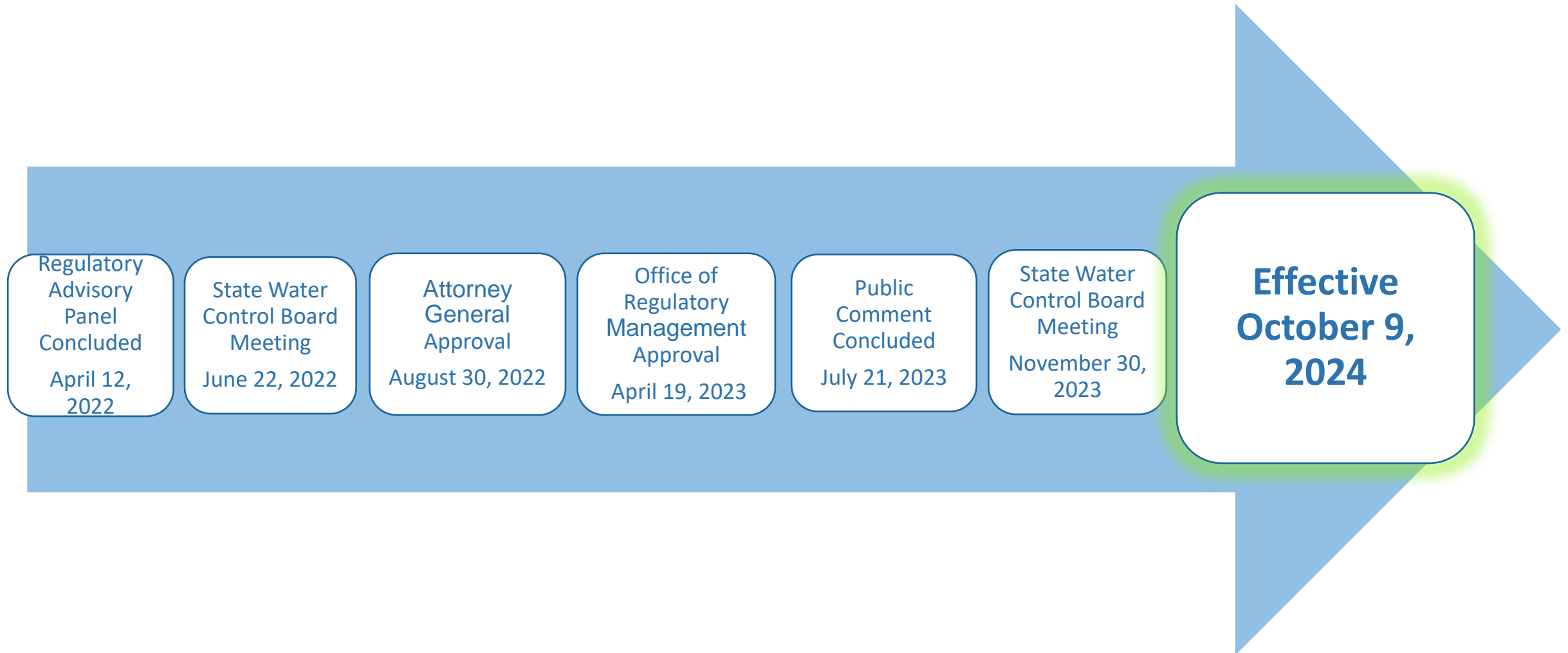
Localities can request
reassignment to adjoining
Regional Planning Area

HB2095 (2023)

Distinct Potomac River
Source Regional Planning
Area

Metro Washington
Drought Plan

Regulatory Timeline





Plan Elements

Chapter 780. Local and Regional Water Supply Planning

[Read Chapter >](#)

Section 10	Application
Section 20	Purpose of chapter
Section 30	Definitions
Section 40	[Repealed]
Section 45	Designation of Regional Planning Areas *New!
Section 50	Preparation of local information and regional water supply plan; submission requirements for a regional water supply plan
Section 55	Public participation in regional water supply plans *New!
Section 60	State role in regional water supply plan preparation
Section 70	Existing water source information
Section 80	Existing water use information
Section 90	Existing water resource information
Section 100	Projected water demand information; statement of need and alternatives
Section 110	Water demand management information
Section 120	Drought response and contingency plans
Section 125	Identification of water supply risks and proposed regional strategies *New!

↓ Continued...

Navigating the Water Supply Planning Regulation

SETUP

- 10. Application
- 20. Purpose of chapter
- 30. Definitions
- 45. Designation of Regional Planning Areas

PROCESS

- 50. Preparation of local information and regional water supply plan; submission requirements for a regional water supply plan
- 140. Review of regional water supply plans

EXISTING RESOURCES

- 90. Existing water resource information

DATA - SOURCE/USE/DEMAND PROJECTIONS

- 70. Existing water source information
- 80. Existing water use information
- 100. Projected water demand information; statement of need and alternatives

ANALYSIS - DEMAND MGMT/DROUGHT PLANS/RISKS

- 110. Water demand management information
- 120. Drought response and contingency plans
- 125. Identification of water supply risks and proposed regional strategies

Roles and Responsibilities	Local Governments
Informational Requirements	<p>Compile & review information for their locality including:</p> <ul style="list-style-type: none"> • Existing water sources, water use, and water resource info • Projected water demands (30-years) • Water demand management activities
Statement of Need and Alternatives	<ul style="list-style-type: none"> • Determine if existing sources meet current/future demands and identify range of alternatives to address local deficits.
Drought Response and Contingency Plans	<ul style="list-style-type: none"> • Develop Drought Response and Contingency Plans • Provide info on existing water demand management activities
Plan Development Process	<ul style="list-style-type: none"> • Designate a representative/alter and engage with regional planning unit • Must adopt a resolution authorizing submission of plan.
Stakeholder Involvement	<ul style="list-style-type: none"> • Consult and coordinate with community water systems and self-supplied users > 300,000 gal month within their jurisdiction.
Public Participation	<ul style="list-style-type: none"> • Each local government must jointly or individually public notice draft regional plan • Hold informational meeting as applicable (May be done regionally as well)
Water Supply Risks & Regional Strategies	<ul style="list-style-type: none"> • Identify water supply risks within their locality

Roles and Responsibilities	Regional Planning Unit
Informational Requirements	<ul style="list-style-type: none"> • Compiles local information from localities into regional water supply plan
Statement of Need and Alternatives	<ul style="list-style-type: none"> • Based on local evaluations, completes regional statement of need and alternatives analysis and incorporates into regional water supply plan
Drought Response and Contingency Plans	<ul style="list-style-type: none"> • Coordinates regional drought plan, and/or incorporates local drought plans into regional water supply plan
Plan Development Process	<ul style="list-style-type: none"> • Coordinate localities during all phases (kick-off, development, 5-year review, 10-year resubmittal)
Stakeholder Involvement	<ul style="list-style-type: none"> • Develop and implement process for participation of other stakeholders (beyond water users consulted by localities) • Hold informational meetings when 15 or more requests are received
Public Participation	<ul style="list-style-type: none"> • Regions may jointly public notice draft regional plan and hold informational meetings as applicable • Public notice must cover each jurisdiction.
Water Supply Risks & Regional Strategies	<ul style="list-style-type: none"> • Identifies regional water supply risks • Evaluates risks and identifies regional strategies to address each water supply risk.

BREAK





Resources

Resources for Plan Development

DEQ 'Water Supply Planning Resources' Webpage

- WATER

+ Chesapeake Bay

+ Water Quality

- Water Quantity

- Water Supply Planning

- Water Supply Planning Resources

Water Supply Planning Meetings

Virginia Water Resources Plan

Water Withdrawal Reporting

+ Drought

Groundwater Characterization Program

Water Well Registration

+ Advisory Committees

+ Stormwater

+ Wastewater

Water Supply Planning Resources

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What is a Water Supply Plan?

The Local and Regional Water Supply Planning regulation ([9VAC25-780](#)) designates Regional Planning Areas (RPAs) for each locality in Virginia. The regulation requires each locality in an RPA to assist its Regional Planning Unit (RPU) in developing and submitting a single jointly produced regional water supply plan (Plan) to DEQ within five years from the effective date of the regulation, October 9, 2029. Plans include information on water sources, water use, and water resources, as well as water demand projections, water management actions, drought response and contingency plans, and the identification of water supply risks and proposal of regional strategies to address such risks.

Amended Water Supply Planning Regulation (9VAC25-780)

Amendments to the Local and Regional Water Supply Planning Regulation (9VAC25-780) became effective on October 9, 2024. Section 62.1-44:38:1 of the Code of Virginia, which was amended primarily by Chapter 1105 of the 2020 Acts of Assembly, changed certain aspects of the comprehensive water supply planning process. The statute directed the State Water Control Board to adopt

Resources

[Regional Planning Areas Map](#)

[List of RPU Representatives \(Excel File\)](#)

[9VAC25-780 Final Regulation Text - LIS](#)

[9VAC25-780 Final Regulation - Virginia Register](#)

[9VAC25-780 Amendments - Virginia Regulatory Town Hall](#)

Contacts

To reach the planner for your

Resources for Plan Development

DEQ 'Water Supply Planning Resources' Webpage

Web Links and Resources

The section below lists web links and optional resources, organized by regulatory section, to support Regional Planning Units in the development of regional water supply plans.

Click any available regulatory section below to expand the box and view relevant web links and optional resources.

9VAC25-780-70 Existing water source information +

9VAC25-780-80 Existing water use information +

9VAC25-780-90 Existing water resource information +

**9VAC25-780-100 Projected water demand information;
statement of need and alternatives** +

Resources for Plan Development

DEQ 'Water Supply Planning Meetings' Webpage

- WATER
 - + Chesapeake Bay
 - + Water Quality
 - Water Quantity
 - Water Supply Planning
 - Water Supply Planning Resources

Water Supply Planning Meetings

Virginia Water Resources Plan

Water Withdrawal Reporting

+ Drought

Groundwater Characterization Program

Water Well Registration

+ Advisory Committees

+ Stormwater

+ Wastewater

Water Supply Planning Meetings

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Amendments to the Local and Regional Water Supply Planning Regulation ([9VAC25-780](#)) became effective on **October 9, 2024**. For more information, please see the [Water Supply Planning Resources](#) webpage.

Kickoff Meeting Information & Materials

Kickoff meetings are required to be convened with each Regional Planning Unit by **April 7, 2025**, as outlined in the Local and Regional Water Supply Planning Regulation ([9VAC25-780 Section 50.B.2](#)). Where kickoff meetings are open to the public, meeting details will be posted in the section below. The section below provides kickoff meeting details including date, time, and location of scheduled meetings, as well as meeting materials to be uploaded after the meeting takes place.

[Click here to view the Regional Water Supply Plan Kickoff Meeting Presentation.](#)

Click any Regional Planning Area below to expand the box and view relevant kickoff meeting details.

Big Sandy and Upper Tennessee Rivers 1

Big Sandy and Upper Tennessee Rivers 2

Resources

[Find Staff Contact Map Here](#)

[Regional Planning Areas Map](#)

[List of RPU Representatives \(Excel File\)](#)

Contacts

[Hannah Somers](#)
Water Supply Planning & Analysis Team Lead
(804) 814-2780

Resources for Plan Development

Guidance Document

- Guidance Narrative undergoing review
 - Breakdown of responsibilities
 - Suggested methodologies
 - Clarifying language
 - No additional requirements

Resources for Plan Development

Guidance Document

- Accompanying Forms
 - Preparation and Submission Checklist (Sect. 50)
 - **70-80-100**: Sources, Water use, and Demand Projection
 - Populated with data from DEQ
 - Tool to provide data and for use in projected demand development

Resources for Plan Development

Local & Regional Summaries

- Facility map showing demand across the region
- Modeling results by watershed
 - Expansion on State Plan – regional approach
 - Ex. Individual facilities during drought
- Water availability
- Summer 2025

Resources for Plan Development

Funding

- General Assembly appropriated \$462,000 in grant funds for first two years of water supply plan development
- **\$231,000 available for FY2025**
- Applications open from 2/18/2025 – 3/31/2025
 - Notifications of award in May 2025
 - **Typical award of \$8,884/RPU**
- Letters and office hours

Resources for Plan Development Funding

Application Preparation

- Review application package, see Water Supply Planning Resources webpage
- Determine lead applicant

Application Process

- Completed application package due 3/31/2025
 - Application
 - Budget Spreadsheets
- Register in eVA and upload a COV W9

Notification of Awards, Contracts, & Resolutions

- Notification of awards May of 2025
- Signed contracts due 6/1/2025
- Local Government Resolutions due 6/1/2025

Funds Awarded & Documentation of Expenses

- Grant funds awarded after signed contract is returned to DEQ
- Spend funds
- Submit receipts and updated budget tables before Documentation of Expenses deadline (90 days from pay date)

Resources for Plan Development Funding

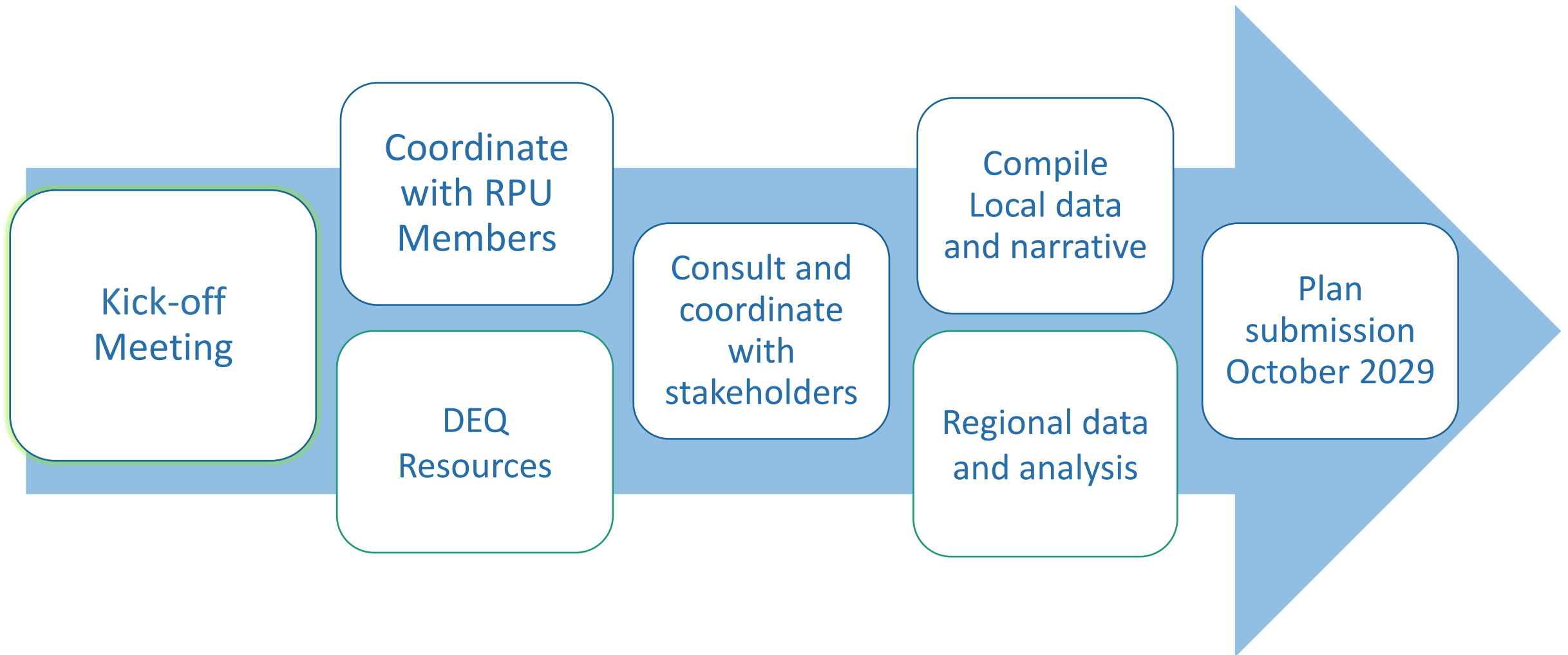
Virtual Office Hours (Hosted via Microsoft Teams)

Date	Time	Joining on the Web	Joining by Phone
2/19/2025	2:00 PM - 3:00 PM	Click to join Meeting ID: 283 952 775 041 Passcode: 72ZA6y93	Dial in by phone: +1 434-230-0065,,792918036# United States, South Hill Phone conference ID: 792 918 036#
2/25/2025	11:00 AM - 12:00 PM	Click to join Meeting ID: 267 337 554 368 Passcode: Fq2ER9dA	Dial in by phone: +1 434-230-0065,,473391959# United States, South Hill Phone conference ID: 473 391 959#
3/19/2025	11:00 AM - 12:00 PM	Click to join Meeting ID: 212 180 191 65 Passcode: PW3Rb2m9	Dial in by phone: +1 434-230-0065,,546474563# United States, South Hill Phone conference ID: 546 474 563#
3/25/2025	2:00 PM - 3:00 PM	Click to join Meeting ID: 260 677 447 580 Passcode: pT6mo2n4	Dial in by phone: +1 434-230-0065,,839236294# United States, South Hill Phone conference ID: 839 236 294#

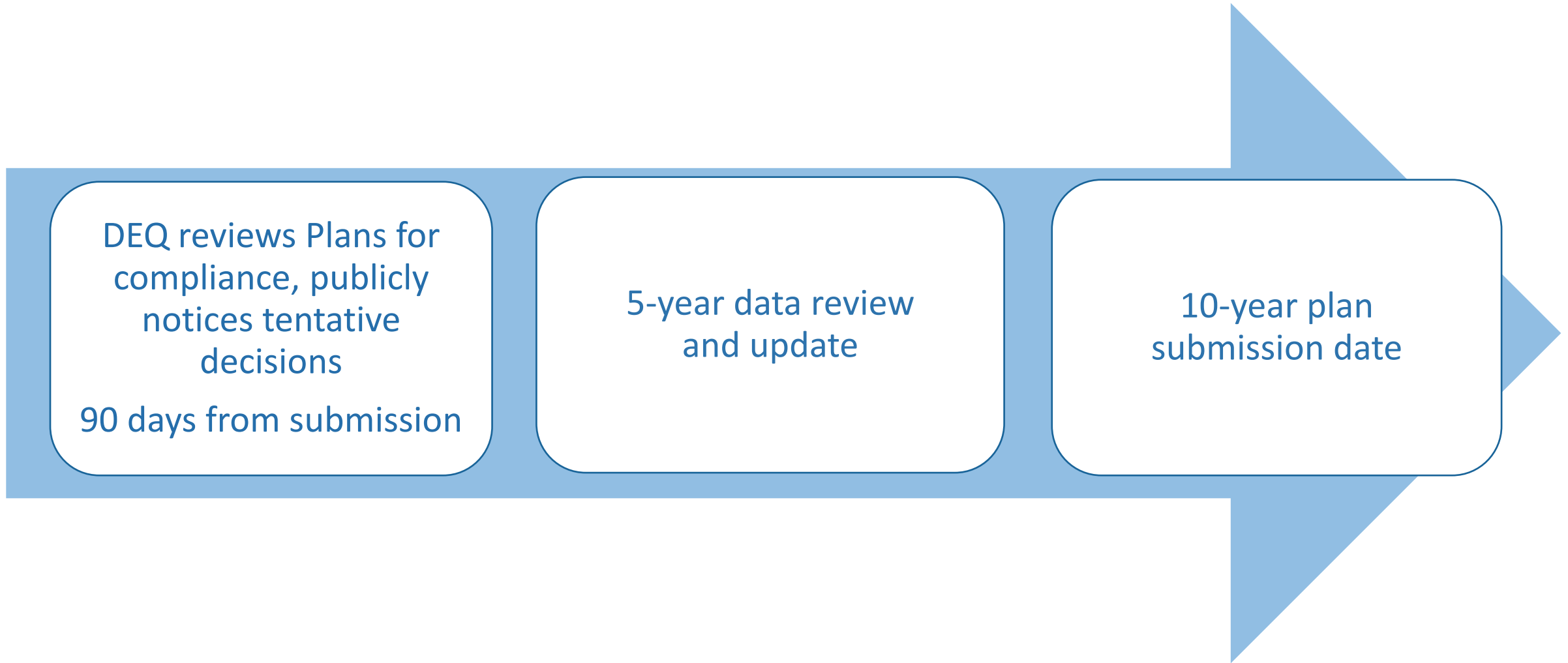


Next Steps

Plan Development Timeline



Plan Review and Update Timeline



Questions?

**Find the Water Supply Planner
Assigned to your Region**

[On DEQ's Water Supply Planning webpage](#)