





DOMINION WATER EFFICIENCY PLAN – IMPLEMENTING PERMANENT DEMAND MANAGEMENT

Dominion Water and Sanitation District

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Prepared by:

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Executive Summary

Dominion Water and Sanitation District (Dominion or DWSD) was formed in 2004 as a Title 32 Special District for the specific purpose of providing wholesale water and wastewater services to Sterling Ranch Community Authority Board (Sterling Ranch CAB) or those Special Districts or municipalities located within Dominion's Service Area who rely on non-renewable groundwater (Retail Districts). Dominion is committed to providing at a minimum 70% renewable water supply to Retail Districts within its service area in northwest Douglas County, on a ten-year average. To date Dominion has provided 100% renewable water supplies to its Retail Districts. Along with this commitment is the vision to provide a reliable and sustainable water supply working closely with Retail Districts and regional partners to promote efficient water use.

The purpose of this Water Efficiency Plan is to support policy by providing Dominion and its Retail Districts the guidance necessary to promote and integrate demand management with their planning efforts and routine water management operations along with fostering a community culture of water stewardship. This State approved Plan builds on Chapter 9 of DWSD's Rules and Regulations and was developed in accordance with Colorado Water Conservation Board's (CWCB) planning requirements and guidelines. The Plan was developed through four workshops comprised of representatives from Dominion and its existing Retail District, Sterling Ranch CAB, and was also carried through a public review process and reviewed by the CWCB prior to finalization. The Plan is to be updated every 5 years, or sooner as determined by Dominion. A key component of this Plan is a template in Appendix A for Dominion's Retail Districts who are required to develop a Retail Water Efficiency Plan (Retail WEP) as a condition of service.

Benefits and Goals

Benefits associated with water efficiency and conservation within DWSD's service area include the following.

1. Economic and water savings - Dominion's current Retail District, Sterling Ranch CAB, is proactively incorporating water efficiency practices upfront in the planning process which has significantly reduced the amount of water, infrastructure, and operational costs associated with water service relative to "status-quo" urban development.
2. Model community - Sterling Ranch serves as a model community for future generations of urban development that seek to be more compatible with the local climate and availability of water, a limited resource. Dominion is actively developing a policy that incorporates high-water efficiency standards with future Retail Districts it will service.
3. Sustainable water resources development - All of Dominion's water supply portfolio is legally reusable, with at least 70% of future supplies being renewable. Dominion's focus on acquiring renewable and reusable supplies that remain within Douglas County, coupled with exceptionally low water demands, substantially reduces pumping stress on the underlying Denver Groundwater Basin and provides a sustainable long-term growth model for Douglas County.
4. Institutional knowledge and guidance - Dominion's Water Efficiency Plan provides a formal means to document Dominion and Sterling Ranch's exceptional track record in water efficiency and maintain institutional knowledge while also setting a path forward to remain a leader in the water field and serve as an example for new development in Dominion's water service area.
5. Drought resiliency - Low water use and drought tolerant landscaping necessary to meet the water demand standards can have a higher survivability rate under water-stressed situations and consequently can result in a lower vegetative mortality rate during drought.

The following goals were developed by DWSD for this Plan.

1. Leadership and promoter of water efficiency - Remain a leader at the forefront of water efficiency and conservation in the western United States by continuing to innovate, develop, and adopt new water efficiency technologies and approaches to reducing water use.
2. Foster collaborative partnerships - Work closely with Retail Districts to support and encourage water efficiency while maintaining a clear distinction of the roles between the Retail Districts and Dominion, as a wholesale water provider.
3. Maintain high water efficiency standards with new growth - Maintain the "Sterling Ranch standard" with low unit water demand levels (AF/SFE) currently observed for Sterling Ranch, as Sterling Ranch continues to develop, and new Retail Districts come online within Dominion's service area.
4. Improve water efficiency in established communities - Help foster a strong water efficiency ethic in established older communities that Dominion is planning on providing water services to.
5. Messaging that incorporates clear metrics - Messaging that incorporates clear metrics - For messaging purposes, develop and incorporate clear and consistent metrics describing how much water is being used based on Dominion's adopted Demand Standards, provided in Appendix I in Dominion's Rules and Regulations, or as may be amended from time to time.

Background

Sterling Ranch CAB is Dominion's current sole Retail District. These entities are at the forefront of water efficiency and land use planning in Colorado and the western United States. Sterling Ranch's exceptionally low water use is a result of including water efficiency in the community vision and proactively incorporating water efficiency into the land use planning process. Sterling Ranch CAB's development and landscape code require low water demand standards that new development must adhere to and requires water efficient technologies and landscaping practices when new buildings and homes are constructed. In addition, Sterling Ranch CAB requires a multi-pronged process for purchase of a home that includes technology, financial incentive, and a community culture of community stewardship.

DWSD has also adopted a culture of water stewardship and efficiency. Dominion utilizes practices to ensure water efficiency at the wholesale level while also requiring Retail WEPs for Sterling Ranch CAB and all future Retail Districts. Additionally, Dominion has adopted low water demand standards that all new development within DWSD's future Retail Districts must adhere to. These water demand standards model after Sterling Ranch CAB's standards, requiring new development to be at a water efficiency level like what is currently being observed at Sterling Ranch. Dominion also recognizes that there are other prospective smaller existing Retail Districts in their service area that are currently reliant on non-renewable groundwater. These districts are established in older communities that are less water efficient. While less water efficient, these Retail Districts will have the option to opt into DWSD services, attaining access to renewable water supplies that Dominion can deliver. This Water Efficiency Plan was designed to address the differences among existing and new Retail District communities.

To effectively provide reliable and sustainable water supplies, Dominion and its Retail Districts must have well-defined roles. These roles are defined in Dominion's Rules and Regulations.

Role of DWSD in Demand Management: DWSD's role is to 1) provide a reliable and predictable water supply to its Retail Districts, 2) execute effective Water Efficiency and Conservation activities within its purview, 3) collaborate with regional partners, 4) facilitate collaboration with and between DWSD's Retail Districts, and 5) ensure each Retail District is equipped with a productive Retail WEP. DWSD shall accomplish this through well-coordinated efforts with Retail Districts and regional partners. – *DWSD's Rules and Regulations, Section 9.02(a).*

Role of Retail Water Districts in Demand Management: The role of the Retail District is to 1) manage its water planning efforts and distribution system to optimize Water Efficiency within its Service Area, 2) integrate Water Efficiency upfront in the planning process for new development, 3) implement Demand Management activities identified in its Retail WEP, 4) facilitate governance at the local level by collaboratively pursuing solutions with their respective End Users and 5) promote a culture of water stewardship and Demand Management among its End Users. Retail Districts are required to have a Retail WEP as referenced in Section 9.06. – *DWSD's Rules and Regulations, Section 9.02(b).*

Dominion's Demand Management Practices

As a wholesale water provider, Dominion's demand management practices focus on efficient deliveries to its Retail Districts and the promotion of water efficiency among its existing and future Retail Districts. These include the following.

- Planning and Implementation - Dominion is committed to integrating proactive water efficiency and conservation into future planning efforts that help ensure water sustainability for its Retail Districts. This is embedded in DWSD's community vision (Section 1.1), planning efforts including this WEP, proactive coordination with its existing and future Retail Districts, routine communication with key decision makers and DWSD's Board, and the consideration of the water energy nexus with future planning efforts.
- Measurement and Data - DWSD is implementing measurement and data best practices to ensure efficient delivery of its wholesale water supplies to Retail Districts while reducing water waste and ensuring accurate measurement of delivered supplies. This entails master metering, fixed deliveries to Retail District, practices that address measurement, leak detection and repair, and communications.
- Rates and charges - Dominion maintains a water efficient wholesale pricing structure based on a volumetric conservation-oriented tiered structure incentivizing the efficient use of water. DWSD reviews its connection fees and monthly charges at least every five years with a rate study conducted by a private firm along with routine rate studies performed in house.
- Education and communication - Dominion is taking an active role on local, regional, and national outreach opportunities to educate the water community on Dominion and Sterling Ranch CAB's proactive approach to water efficiency. Dominion also supports and provides information as requested to its Retail Districts and will work with existing Retail Districts (unincorporated Louviers, the Town of Sedalia, and Thunderbird) on an implementation plan to phase in individual meters and adopt water efficiency practices that lower water use given each existing community's circumstances.
- Development and demand standards - Dominion maintains a comprehensive policy on demand management addressing both Dominion's commitments to water efficiency and conservation and the requirements its Retail Districts must follow to receive DWSD services. This includes dedicated Rules and Regulations addressing demand management, requiring a Retail WEP as a condition of service, and water efficient development standards that specify an allowed amount of water use per unit for new development.

Retail District Water Efficiency Plans

Retail Districts must agree to develop and implement a Retail WEP as a condition of service. Existing communities are required to improve water efficiency over time if receiving water service from Dominion, while water efficiency practices are to be embedded up front in the planning and land development process for redevelopment and new communities. Dominion is committed to providing technical support in developing the Retail WEPs. Appendix A of this Plan provides a template that Retail Districts may use in developing their Retail WEPs. The template streamlines the Retail WEP development process while including fundamental components of water efficiency planning.

Operational and Administrative Framework

Dominion will continue to implement water efficiency practices at the wholesale level and monitor demand management among its Retail Districts. Dominion will meet with its Retail Districts at a minimum once per year in advance of the irrigation season to discuss current and projected climate conditions for the season, previous annual demand patterns, and upcoming demand management actions. This will assist Dominion in identifying how it may best support its Retail Districts on demand management. Dominion will also work with its Retail Districts to ensure sufficient demand and other relevant monitoring data is collected to ensure water demands are within regulatory standards and demand management activities are producing effective results.

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1 Plan Administrative Overview

1.1 Roles of Dominion and Retail Water Districts

Dominion Water and Sanitation District (Dominion or DWSD) was formed in 2004 as a Title 32 Special District authorized to provide wholesale water and wastewater services to Special Districts or municipalities in northwest Douglas County (Retail Districts). Dominion is committed to providing at least 70% renewable water supply to Retail Districts within the northwest area of Douglas County. Along with this commitment, it is the vision to provide a reliable and sustainable supply working closely with its Retail Districts and regional partners to promote efficient water use.

Vision: DWSD is committed to providing a sustainable and reliable water supply to its Retail Districts, working closely with each Retail District and regional partner to promote the efficient use of this valuable limited resource. – DWSD's Rules and Regulations, Section 8.03(a).

To effectively meet the goals identified in this Water Efficiency Plan (Plan), Dominion and its Retail Districts must have well defined roles specific to water efficiency and conservation. These are defined in Dominion's *Rules and Regulations*.

Role of DWSD in Demand Management: DWSD's role is to 1) provide a reliable and predictable water supply to its Retail Districts, 2) execute effective water efficiency and conservation activities within its purview, 3) collaborate with regional partners, 4) facilitate collaboration with and between DWSD's Retail Districts, and 5) ensure each Retail District is equipped with a productive Retail WEP. DWSD shall accomplish this through well-coordinated efforts with Retail Districts and regional partners. – DWSD's Rules and Regulations, Section 9.02 (a).

Role of Retail Water Districts in Demand Management: The role of the Retail District is to 1) manage its water planning efforts and distribution system to optimize water efficiency within its Service Area, 2) integrate water efficiency upfront in the planning process for new development, 3) implement demand management activities identified in its Retail WEP, 4) facilitate governance at the local level by collaboratively pursuing solutions with their respective End Users and 5) promote a culture of water stewardship and water efficiency among its End Users. Retail Districts are required to have a Retail WEP as referenced in Section 9.06. – DWSD's Rules and Regulations, Section 9.02 (b).

1.2 Dominion's Definition of Water Efficiency, Conservation, and Demand Management

Water efficiency, demand management, and conservation are often used interchangeably. Dominion defines these terms in its Rules and Regulations.

- Water efficiency - optimizing the use of water through water-wise planning, infrastructure, technology, and maintenance.

- Water conservation – Long-term actions to improve the effectiveness of water use through education and community behavioral changes that produce water savings.

- Demand management – A combination of water conservation and water efficiency practices to maintain or reduce water use on a long-term basis

1.3 Purpose of the Plan

Chapter 9 in Dominion's *Rules and Regulations* lays the foundation for water efficiency and conservation planning and program implementation among Dominion and its Retail Districts. This Plan builds on the *Rules and Regulations*, providing guidance on demand management practices at both the retail and wholesale level. The purpose of this Water Efficiency Plan (WEP) is to support policy by providing Dominion and its Retail Districts with the guidance necessary to promote and integrate demand management with their planning efforts and routine water management operations along with fostering a community culture of water stewardship. This Plan was developed in accordance with Dominion's Rules and Regulations along with the State's water efficiency planning requirements and guidelines[1]. In addition to this Plan, Appendix A provides a template for Dominion's Retail Districts when developing an individual Retail water efficiency plan (Retail WEP).

1.4 Relationship with Other Planning Mechanisms

This Plan will be implemented in coordination with other local, county, regional, and state planning efforts. These plans include the following:

- 2040 Douglas County Comprehensive Master Plan
- 2016 Regional Master Plan Update South Metro Water Supply Authority
- South Platte Basin Implementation Plan
- Colorado Water Plan
- Aurora Water Management Plan
- Code of Rules of the Sterling Ranch Community Authority Board (CAB)

1.5 Development of the Plan

Three workshops were held both in-person and remotely among the Planning Team throughout the development of this Plan. The Planning Team, shown in Table 1 below, was comprised of representatives from Dominion and its existing Retail District, Sterling Ranch CAB. Team members provided valuable information and input during the Plan development. Planning Team members also reviewed the draft Water Efficiency Plan prior to distribution to Dominion's Board and the community within Sterling Ranch for comment.

[1] This includes the following: Water Conservation Act (HB04-1365), CWCB's *Municipal Water Efficiency Plan Guidance Document and Best Practices for Implementing Water Conservation & Demand Management Through Land Use Planning Efforts, and Colorado WaterWise Best Practices Guidebook.*

Table 1.1: Demand Management Planning Team

Member	Title	Role and Contribution
Andrea Cole	General Manager	Managed the project, coordinated data acquisition, provided input from perspective as General Manager
Britta Strother	Director of Planning	Provided input from perspective of Director of Planning with a focus on water resources, coordinated data acquisition.
Jessica Gottschalk	Director of Community Experience and Resident Support	Provided input representing Sterling Ranch CAB
James Humphrey	Operations Manager	Provided input representing Sterling Ranch CAB
Heather Calme	Senior Director of Builder and Community Standards	Provided input representing Sterling Ranch CAB

Dominion worked with their Retail District, Sterling Ranch CAB, to hold a 64–day public review period from April 7, 2026 to June 10, 2026 to obtain public feedback on the Plan. During the public review period access to the Draft WEP was provided on Dominion's website. Information on the Draft was also published in Sterling Ranch CAB's regular newsletter and an informational flyer on Draft WEP was provided at a Sterling Ranch public meeting on May 19, 2026. Appendix D provides a copy of Dominion's website posting and of Sterling Ranch's flyer, advertising the WEP. Comments received during the public review period were submitted to a distinct email address: WEP.comments@dominionwsd.org.

1.6 Plan Adoption

A resolution adopting Dominion's Water Efficiency Plan was passed on October 20, 2026. This resolution is provided in Appendix E. Each Dominion Board member had the opportunity to review the Plan and comment prior to formal adoption. This Plan may be implemented with no new regulatory measures and therefore no additional resolutions were passed. Likewise, Dominion currently does not have any official agreements with other entities related to water efficiency or conservation. Dominion will consider entering into future agreements if such agreements are considered beneficial.

1.7 Periodic Review and Update

Dominion's Water Efficiency Plan will be updated every five years or sooner as determined by Dominion. The next update is scheduled for completion in 2032. Dominion's General Manager will be responsible for initiating the Plan update process.

2 Dominion's Service Area and Water Supplies

2.1 Dominion's Service Area

Dominion provides wholesale water and wastewater services in northwest Douglas County, Colorado. Sterling Ranch CAB is Dominion's current Retail District. Figure 2.1 shows Dominion's service area and Sterling Ranch. Sterling Ranch is located between Littleton, Roxborough, Highlands Ranch, and an industrial area to the east. Historically the area was used for grazing and farming. Development in Sterling Ranch was initiated in 2018, and the area currently consists of new housing, large areas of open space, and state parks.

Dominion's service area extends well beyond the boundaries of Sterling Ranch, as shown in Figure 2.1. As development continues within the area, DWSD will be providing renewable water supply, as a wholesaler, to existing and newly established Retail Districts, based on 1) water availability, 2) compliance with Rules and Regulations, and 3) payment of all applicable fees. These Retail Districts will be responsible for providing water supply services to customer end users.

Dominion will be undergoing significant changes as it continues to develop and grow into its service area with a diverse Retail District customer end use base. Sterling Ranch is at the forefront of incorporating water efficiency into new development. To continue the pioneering water efficient standards set by Sterling Ranch CAB, DWSD will continue to promote water efficiency practices for all new development within its service area. Dominion recognizes that there are other prospective smaller Retail Districts in their service area, on non-renewable groundwater. These districts are established in older communities that are less water efficient. While less water efficient, such Retail Districts will have the option to opt into DWSD services, attaining access to renewable water supplies that Dominion can deliver. This Plan was designed to meet the diversity of capabilities and resources of both less water efficient traditional established communities and newer more innovative water efficient developments.

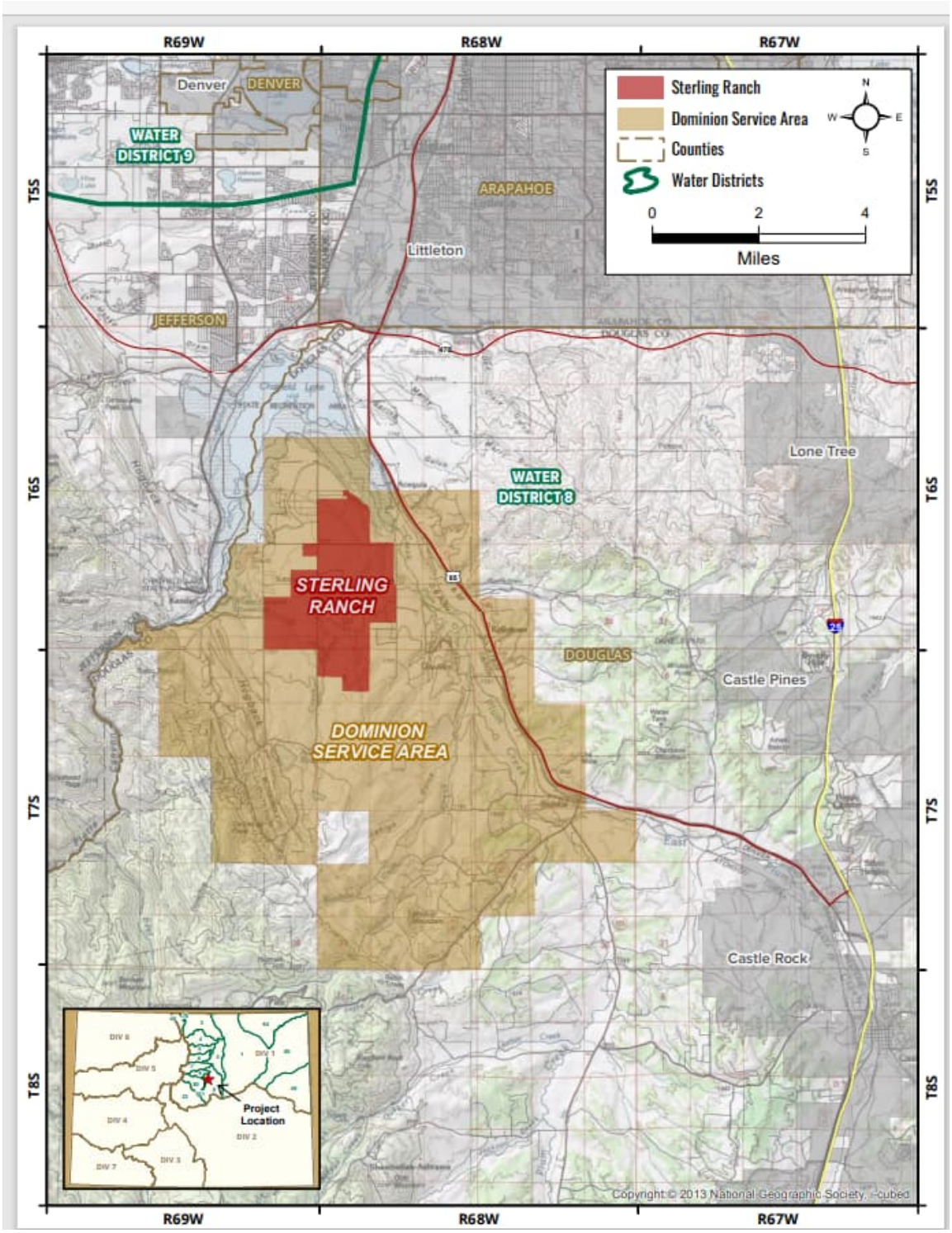


Figure 2.1: Dominion's Service Area and its Retail District, Sterling Ranch

2.2 Profile of Water Supplies

2.2.1 Dominion's Existing Water Supplies

Most water providers in Douglas County have historically relied on non-renewable groundwater from the Denver Groundwater Basin. Over drafting of the Denver Groundwater Basin has caused groundwater levels to decline in local areas, reducing not only the availability of water supplies but also impacting water quality. Many of the larger water providers in Douglas County are in the process of acquiring renewable supplies that are more sustainable for the long-term future.

In response to Douglas County's transition to water systems predominantly reliant on renewable supplies, Dominion became the first water provider in the county to develop on a renewable water supply. Since Dominion's inception, Dominion has served its Retail District, Sterling Ranch CAB, with a 100% renewable water supply and has commitment to a build out water supply comprised of at least 70% renewable supplies based on a ten-year rolling average of deliveries.

Dominion is at the early stages of developing its water supply system. Its renewable supplies currently come from contractual regional agreements and other surface water rights, owned by Dominion, and a portion of those renewable water supplies are currently stored in Chatfield Reservoir. Dominion will ultimately rely on a flexible and robust conjunctive use system to sustainably, and responsibly, manage groundwater supplies as a firming supply and a portfolio of renewable supplies.

2.2.2 Dominion's Future Water Supply

Dominion has sufficient water supplies to meet its existing commitments and is currently in the process of advancing infrastructure projects to develop additional water supplies as demands increase with the growing development. In addition, Dominion is actively seeking additional water supplies, as needed, to meet the projected water needs of a diversity of prospective Retail Districts. Dominion's future developed supplies will provide greater autonomy and the flexibility to conjunctively use groundwater and eventually store water, increasing system efficiencies and providing the ability to store and deliver drought reserves. This in turn will decrease Dominion's dependency on contractual water. Additional supplies and key infrastructure are described in the bullets below.

- Interconnects - Dominion has an interconnect with Highlands Ranch Water (formerly Centennial Water and Sanitation District) on the eastern boundary of its service area. This interconnect can service the lower zone within Sterling Ranch. Dominion also has an interconnect with Roxborough which can provide emergency service to Sterling Ranch's high zone. Dominion is also exploring interconnects with other water providers in the region.

- Maximize return flows and reuse water - Nearly all of Dominion's water supply is legally reusable. Dominion is actively advancing capital improvement projects that will expand reuse of its return flows to further enhance efficiencies in their water supply system. This entails the rehabilitation of the Chatfield Basin Water Reclamation Facility (CBWRF), formerly the Roxborough Wastewater Treatment Plant (WWTP) anticipated to be online late 2027 or early 2028. As of the date of this WEP demolition activities have been completed at the CBWRF and long-lead equipment, to include Membrane Bioreactors (MBR) key process equipment, is in the process of being manufactured. Additional capital projects to include the South Platte Diversion, raw water pump station and raw water line to the Moore Water Treatment Plant (MWTP) are currently at 60% design. Upon completion Dominion will fully capture wholly consumable return flows for use within its system.

- Diversion on South Platte River - Dominion is currently developing a diversion on the South Platte River downstream of the discharge from the CBWRF. This South Platte diversion project is at 60% design with an anticipated construction start date in 2029. The structure will consist of a concrete diversion structure, weir, rock revetment and sluice channel. The diversion structure, raw water pump station and raw water line will enable Dominion to divert its South Platte River junior water rights, contractual water supplies, utilize its storage rights in Chatfield Reservoir through exchange, and exercise its reusable return flows.

- Cherokee Ranch Groundwater - Dominion has completed drilling a well in the Cherokee Ranch Denver Groundwater Basin, to assist in determining aquifer characteristics to include quantity of available water supplies and quality of said water. The well is not currently equipped Dominion plans to complete three well sites in the Arapahoe aquifers by 2030. This water is a critical component of Dominion's conjunctive water supply system. Groundwater may be pumped in times when renewable supplies are limited or interrupted, thereby improving Dominion's resiliency to drought.

- Eastern Regional Pipeline - The Eastern Regional Pipeline conveys water to Sterling Ranch from a connection with the Town of Castle Rock (Castle Rock), and ties in treated water supplies from the Cherokee Ranch wellfield to the High Zone Tank. The connection of the Eastern Regional Pipeline to Castle Rock was completed in April 2025. This interconnection enables Dominion to convey and deliver its full Water Infrastructure and Supply Efficiency (WISE) subscription of 1,325 AF to include the portion, 700 AF, that was firmed through an agreement with Castle Rock as well as any additional contractual water into the system.

- Local surface water storage - Dominion is evaluating potential local surface water storage. This reservoir(s) will be used to store water for 1) direct delivery to Retail Districts following treatment, 2) provide replacement supply for out-of-priority depletions, and 3) store return flows via exchange, enhancing Dominion's ability to use its reuse water. This will enable Dominion to better regulate its supplies particularly during peak irrigation periods as well as to further develop its reusable return flows, improving the efficiency of Dominion's water supply system as Dominion's service area continues to develop.

- Aquifer storage recovery (ASR) opportunities - ASR would provide Dominion an opportunity to store surplus supplies (e.g., WISE subscription and/or surplus South Platte rights during wet periods) for when supplies are in need either for direct use or for replacement purposes. Dominion is collaboratively working with other regional partners to explore ASR opportunities. South Metro Water Supply Authority (SMWSA) has secured funds to study the feasibility of a regional ASR system within the South Metro area. Dominion will be participating as a stakeholder as the study progresses.

- Acquisition of additional water rights - Dominion continues to evaluate potential additional renewable supplies to augment its existing water supply portfolio.

- Rainwater harvesting - Dominion is in the process of implementing the State's first regional rainwater harvesting collection system at Sterling Ranch. This entails an extension and retrofit of the existing stormwater infrastructure to divert, store, and distribute non-potable rainwater for irrigation. After 10 years of data collection to demonstrate the legal viability of a regional rainwater harvesting system, a feasibility study and development of an operations plan, Dominion is currently in the system design phase and has filed the water court. The system will reduce non-potable irrigation demands on parks when rainwater supplies are available.

2.3 Profile of Water Demands and Overview on Demand Management Activities

Dominion initiated water services in 2018, delivering water to its current Retail District, Sterling Ranch. As shown in Figure 2.2, Sterling Ranch water demands are increasing as development continues and population increases.[2] As of December 31, 2025, a total of approximately 3,320 homes have been built since development started in 2018. Outdoor water use, to include common space irrigation and construction water, comprised an annual average of 55.4 percent of total customer water use for 2018-2024. Figure 2.3 shows that the annual amount of water applied for construction comprises a significant portion of water use, although it fluctuates on an annual basis. Single-family housing and irrigation in common spaces comprises most of the customer's water use. Proportionately, construction water is projected to decrease as Sterling Ranch attains full build out.

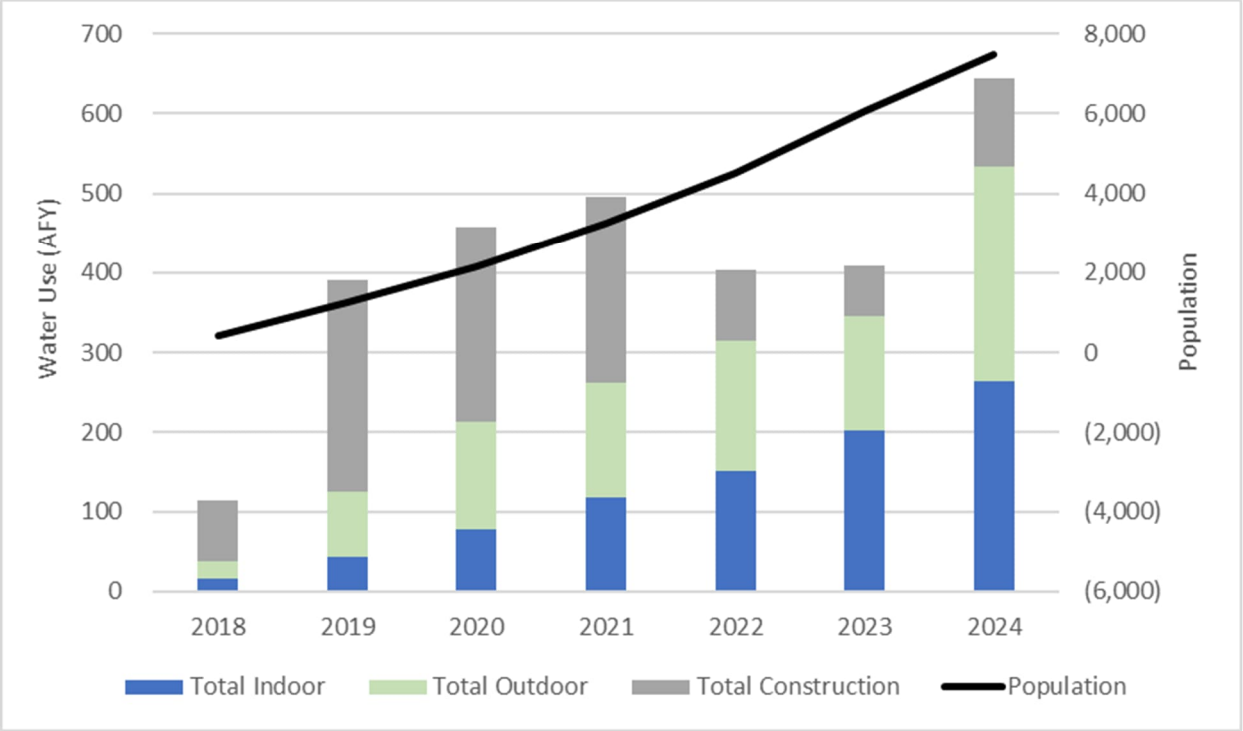


Figure 2.2: Historical Water Demands and Population

[2] A complete data set of population and water demands were available through 2024 at the time of drafting this Plan. Demand data in 2025 and latter years will be provided in future applicable documents.

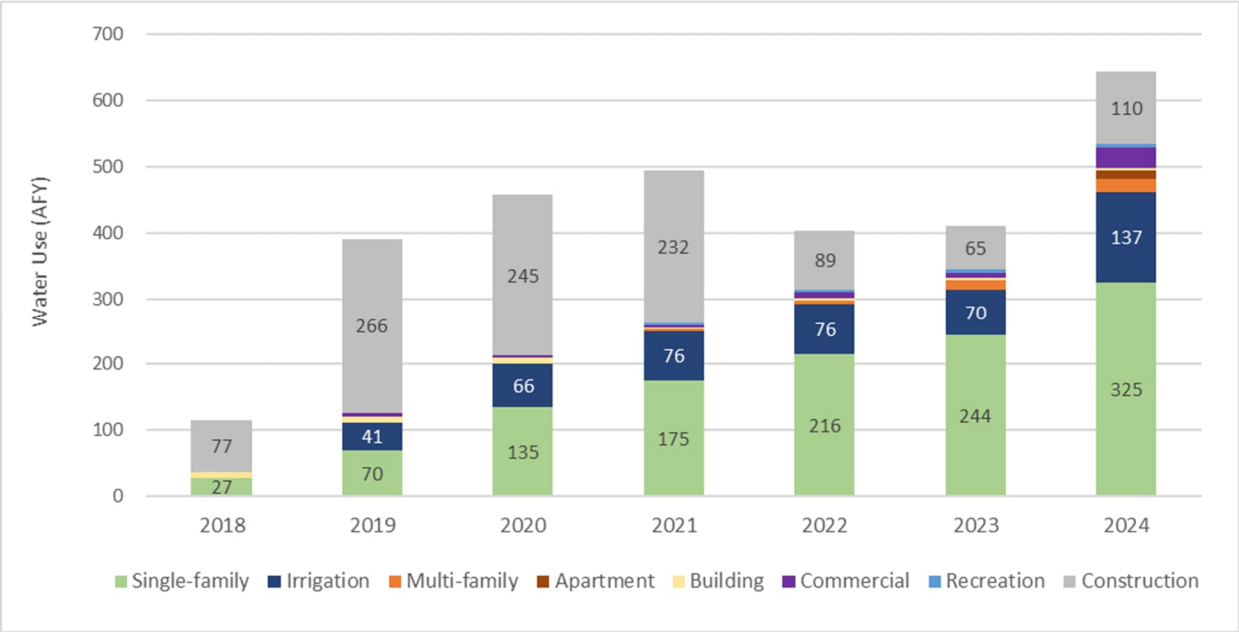


Figure 2.3: Historical Water Demands by Customer Sector

Figure 2.4 shows the composition of indoor and outdoor water use by end use and customer type for Sterling Ranch in 2024. Single-family (indoor and outdoor) for all product types, comprised nearly half of the total water use, followed by irrigation on common spaces and construction water. Multi-family and apartment water use is anticipated to increase proportionately in the future as more multi-family and apartment units are constructed. Increases to water usage for residential is due to the increase in the number of homes being built and occupied, usage internal and external for single family residents continues to trend down and on average is below 0.20 AF/SFE.

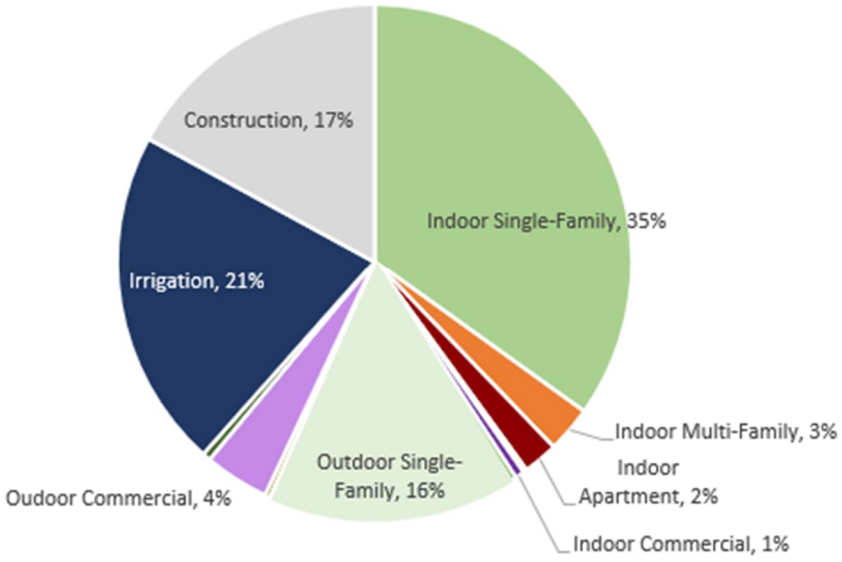


Figure 2.4: Water Use per End Use in 2024

During the initial planning phases of Sterling Ranch, water efficiency was directly incorporated into the community planning process. As a result, per capita water demands, shown in Figure 2.5, are relatively low. Sterling Ranch's current average residential indoor per capita water use is 30 gpcd. The 2019 M&I Technical Memorandum developed to support the Colorado Water Plan, proposed a range of future indoor per capita demand values with a "current efficiency benchmark" of 42.4[3] and a future per capita of 33.3 gpcd if achievable household leakage can be reduced.[4] The State used the 33.3 gpcd as an input to generate the more technically advanced and cooperative water demand scenarios for State planning purposes in the Colorado Water Plan. Dominion's current average indoor per capita water use of 30 gpcd exceeds water efficiency levels anticipated for the future for State planning purposes. This is likely attributed to the water efficient indoor fixtures and appliances installed in all of Sterling Ranch's homes along with a proactive leak detection system and awareness among its customers.

Sterling Ranch's outdoor water use is also relatively low, with most of the residential landscaping comprising of low water use vegetation on efficient drip. Section 5.1 provides more information on specific water efficiency practices within Sterling Ranch.

Figure 2.5 also shows that 2023 system-wide (not including construction) and residential per capita water demands were significantly lower than other years. This is a common trend throughout the Front Range and is attributed to the wet spring where less irrigation water was needed. Higher per capita water use in Figure 2.5 is observed for 2018 – 2020. This is likely attributed to the additional water needed to establish landscaping. Homeowners are provided with a variance on meeting outdoor water budgets to allow for landscaping to be established for the first few years post planting.

[3] Based on 247 retrofit homes equipped with high efficiency fixtures and appliances which generally meet or exceed the WaterSense specification; included both existing homes that were retrofit and new homes built with high efficiency devices.
[4] Source: Element, 2019.

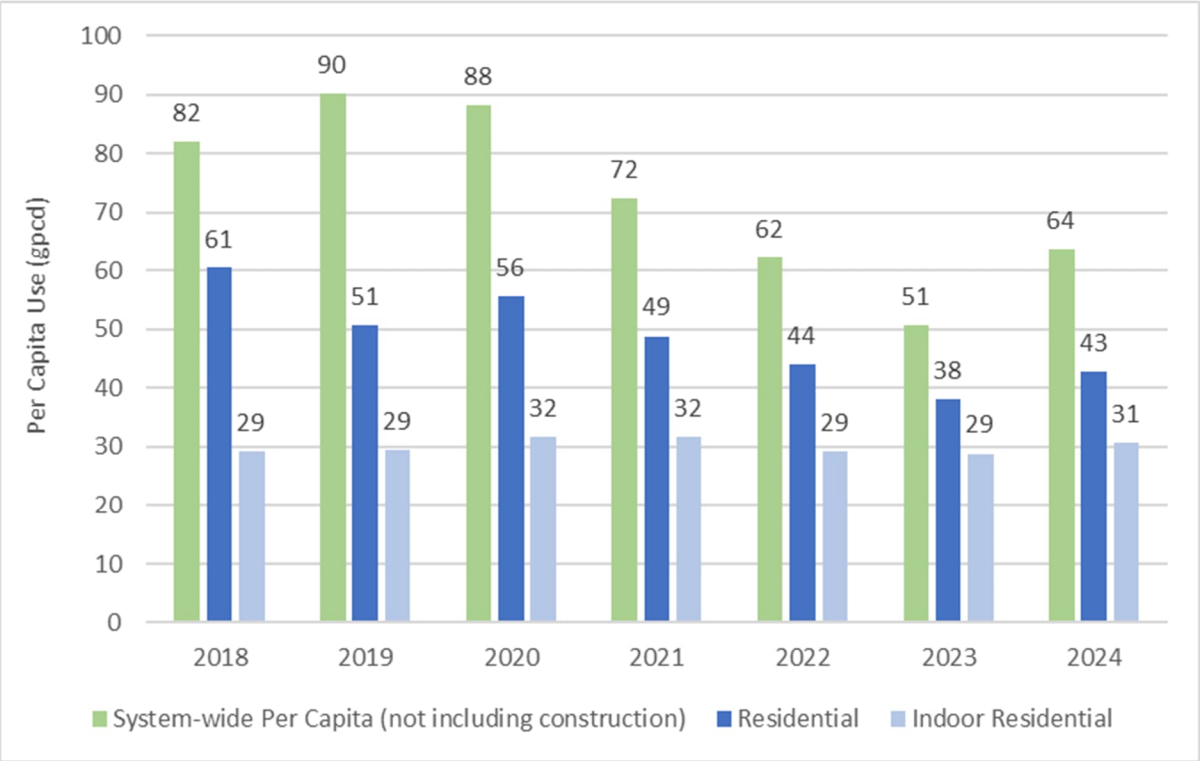


Figure 2.5: Sterling Ranch Per Capita Water Demand

2.3.1 Historical Demand Management Overview

Sterling Ranch's low water demands are attributed to Sterling Ranch being a master planned community where water efficiency was a high priority. Water efficiency was included in the vision of the community and land use planning process from the very beginning. Many water efficiency practices were and still are embedded into the land use and development process at the initiation of the community. This includes the installation of water efficient fixtures and appliances, waterwise plantings, design and installation of efficient residential irrigation systems, dual indoor and outdoor metering, water budgets and a tiered block rate structure that incentivizes water efficiency, a waterwise system certification program for single-family residences to ensure efficient fixtures and appliances prior to occupancy, review of all residential landscape plans to ensure water efficient designs in new home inspections, and native low water use areas in parks. Additional information on these practices is provided in Appendix B.

Water efficiency is also integrated with the purchase of a home. New residents are introduced to a three-pronged process when purchasing both new build and resale homes that promote water efficient practices through 1) a community culture of water stewardship, 2) technology, and 3) financial incentive. All residents buying a new home are required to install landscaping in their backyard. As part of homeowner orientation, these residents are offered an optional Sterling Ranch landscaping class, if they intend to install their own backyard. If hiring a landscape contractor, residents may choose from a Sterling Ranch CAB landscaper educated list. The contractors on this list have been educated by Sterling Ranch CAB on efficient irrigation, waterwise landscaping, and Sterling Ranch CAB's landscaping requirements. New residents purchasing existing homes that want to relandscape 15% or more of their landscape, are required to take the landscaping class.

The landscaping class promotes efficient irrigation and waterwise landscapes. Residents are taught about how to design a waterwise landscape, are informed of the preapproved climate appropriate plant list, and receive the materials and support necessary to calculate their outdoor irrigation needs. Irrigation needs must fall within the resident's irrigation budget which is assigned by Sterling Ranch CAB based on square footage and a reasonable amount of irrigation necessary to support a combination of turf grass and waterwise landscape. Homeowners are required to submit their final landscape design along with the calculations of their outdoor irrigation needs for approval.

The outdoor water budgets are tied to a tiered water rate structure. The tiered water rate structure financially incentivizes homeowners to remain within both their indoor and outdoor water budget. Sterling Ranch CAB provides follow-up education to residents exceeding their water budgets who enquire about their high-water bills. Homeowners are also equipped with a phone app that reports their water use, empowering the homeowner to monitor their own water use.

The landscaping class, followed by the financial water rate structure to remain within an efficient water budget, coupled with follow-up monitoring and education, fosters a community culture where water stewardship plays an integral role in community lifestyle. Residents are often prompt in reporting observed water leaks and water wasting observations around the community, reflecting the value of water stewardship.

Sterling Ranch's non-residential water use is currently relatively low; however, it will continue to increase as the community to grow. All non-residential water use will be established with dual indoor and outdoor water meters along with indoor and outdoor budgets tied to a tiered rate structure. Indoor fixtures and appliances are to be Water Sense certified and outdoor irrigation efficiency practices will be implemented. All new non-residential development will also adhere to SB24-005 and HB25-113, where high water using turf will be limited to functional use areas.

2.3.2 Future Water Demands

Figure 2.6 shows projected demands within Sterling Ranch through 2045 based on Sterling Ranch CAB's water demand standards described in Section 3.3.1 and assuming a total of approximately 2,050 residential units by 2041[5]. These water demands standards in Section 3.3.1 are required for all new development with the Sterling Ranch service area. Figure 2.6 is based on an average of measured water usage across different product types in Sterling Ranch. The 0.2013 AF/yr is a conservative number and based on an average of measure water usage across different product types in Sterling Ranch. It does account for larger residential lots, though most usage is trending less than 0.2013 AF/SFE. All new development coming online in Sterling Ranch will continually be measured and evaluated to maintain the 0.2 AF/SFE or less over time which is consistent with Sterling Ranch CAB's demand standards.

The demands within Dominion's service area will include Sterling Ranch's demands along with the future water demands of new Retail Districts serviced by DWSD. In addition to Sterling Ranch CAB's water demand standards, DWSD has developed water demand and renewable water supply standards for additional Retail Districts that receive DWSD water service. These standards are addressed in Section 3.3.2.

[5] Source: LRE, 2024.

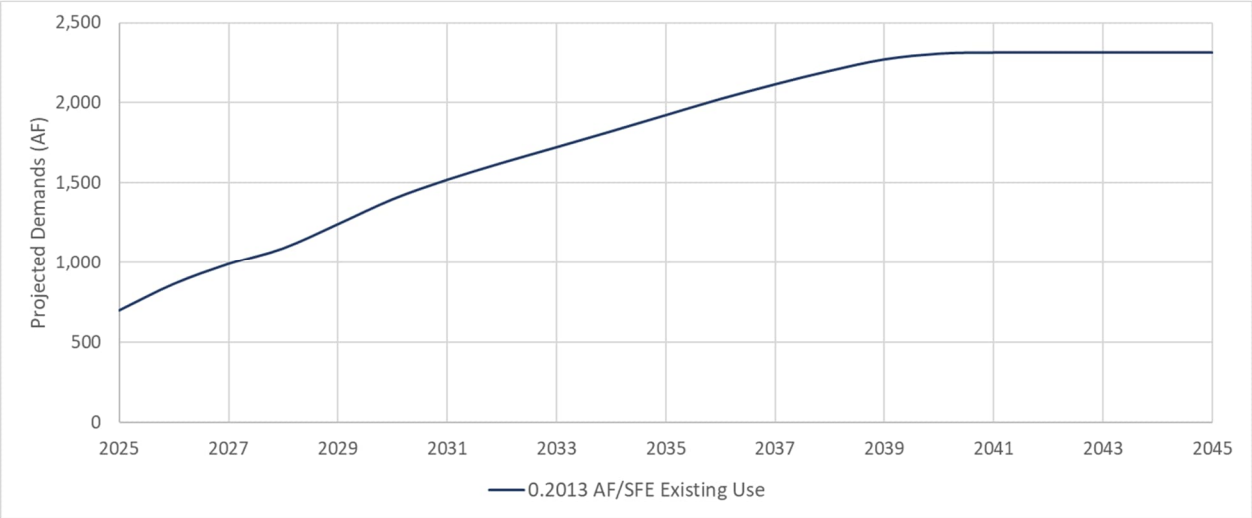


Figure 2.6: Forecasted Water Demands for Sterling Ranch

3 Benefits and Goals

3.1 Benefits of Water Efficiency and Conservation

Benefits associated with water efficiency and conservation identified by Dominion include the following.

1. Economic and water savings - Dominion's current Retail District, Sterling Ranch CAB, is proactively incorporating water efficiency practices upfront in the planning process which has significantly reduced the amount of water, infrastructure, and operational costs associated with water service relative to "status-quo" urban development.
2. Model community - Sterling Ranch serves as a model community for future generations of urban development that seek to be more compatible with the local climate and availability of water, a limited resource. Dominion is actively developing a policy that incorporates high-water efficiency standards with future Retail Districts it will service.
3. Sustainable water resources development - All of Dominion's water supply portfolio is legally reusable, with at least 70% of future supplies being renewable. Dominion's focus on acquiring renewable and reusable supplies that remain within Douglas County, coupled with exceptionally low water demands, substantially reduces pumping stress on the underlying Denver Groundwater Basin and provides a sustainable long-term growth model for Douglas County.
4. Institutional knowledge and guidance - Dominion's Water Efficiency Plan provides a formal means to document Dominion and Sterling Ranch's exceptional track record in water efficiency and maintain institutional knowledge while also setting a path forward to remain a leader in the water field and serve as an example for new development in Dominion's water service area.
5. Drought resiliency - Low water use and drought tolerant landscaping necessary to meet the water demand standards can have a higher survivability rate under water-stressed situations and consequently can result in a lower vegetative mortality rate during drought.

3.2 Water Efficiency Plan Goals

The following water efficiency and conservation goals are reflective of Dominion's values and desired outcomes from the implementation of this Plan.

1. Leadership and promoter of water efficiency - Remain a leader at the forefront of water efficiency and conservation in the western United States by continuing to innovate, develop, and adopt new water efficiency technologies and approaches to reducing water use.
2. Foster collaborative partnerships - Work closely with Retail Districts to support and encourage water efficiency while maintaining a clear distinction of the roles between the Retail Districts and Dominion, as a wholesale water provider.
3. Maintain high water efficiency standards with new growth - Maintain the "Sterling Ranch standard" with low unit water demand levels (AF/SFE) currently observed for Sterling Ranch, as Sterling Ranch continues to develop, and new Retail Districts come online within Dominion's service area. This specifically entails ensuring Dominion's adopted water demand standards addressed in Section 3.3.2 are achieved and maintained with development.
4. Improve water efficiency in established communities - Help foster a strong water efficiency ethic in established older communities that Dominion is planning on providing water services to.

5. Messaging that incorporates clear metrics - Messaging that incorporates clear metrics - For messaging purposes, develop and incorporate clear and consistent metrics describing how much water is being used based on Dominion's adopted Demand Standards, provided in Appendix I in Dominion's Rules and Regulations, or as may be amended from time to time.

3.3 Water and Land Use Planning

Dominion and Sterling Ranch CAB are at the forefront of water efficiency and land use planning in Colorado and the western United States. Sterling Ranch's exceptionally low water use is a product of proactively incorporating water efficiency into the community vision and land use planning process from the very beginning. Sterling Ranch CAB's development and landscape code require water efficient technologies and landscaping practices when new buildings and homes are constructed. Additional information on these historical and current practices is provided in Section 2.3 and Appendix B.

The current Sterling Ranch CAB policy ensures that low water demand will continue with 1) development and landscape code that requires water efficient technology and landscaping practices, 2) a multi-pronged process for purchase of a home that includes technology, financial incentive, and a community culture of community stewardship, and 3) low water demand standards for all new development. Section 3.3.1 addresses Sterling Ranch CAB's water demand standards. Section 3.3.2 addresses Dominion's water demand standards for future Retail Districts that may be receiving services from Dominion. These water demand standards model after Sterling Ranch CAB's standards, requiring new development to be at a water efficiency level like what is currently being observed at Sterling Ranch. Both standards for new development are significantly lower than Douglas County's water demand standard of 0.75 AF/SFE[6] and pave a way for future development that is water efficient.

3.3.1 Development of Sterling Ranch CAB and Water Demand Standards

Sterling Ranch CAB's continued dedication to proactive water efficient land use planning process ensures that the community will continue to serve as a leading example as the community continues to develop. Table 3.1 provides Sterling Ranch CAB's current water demand standards adopted in October of 2021. These water demand standards were developed based on a historical analysis of water use trends and characteristics within Sterling Ranch's residential community. These standards provide a certain level of conservatism relative to existing demands to ensure a reliable water supply. They are used to forecast Sterling Ranch's future water demands, addressed in Section 2.3.2. Sterling Ranch CAB will periodically reevaluate the metered indoor and outdoor water use of its service area and determine whether future water demand standards may be appropriate.

All future residential development within Sterling Ranch must meet these demands standards. To comply with these standards, Sterling Ranch CAB plans to continue implementing the demand management described in Section 3.3.2 and Appendix B. Sterling Ranch CAB provides a successful water efficiency model for future Retail Districts within Dominion's service area.

[6] Source: Douglas County Zoning Resolution, 1805A.02.2, 2017

Table 3.1: Sterling Ranch CAB Water Demand Standards

Residential Water Classification	Water Demand (AF per year/SFE)
Indoor-only	0.14
Single-family detached – large (greater than or equal to 5,000 SF lot size)	0.26
Single-family detached - small (less than 5,000 SF lot size)	0.26
Single-family attached	0.17
Multifamily	0.14

Source: Resolution No. 2021-10-02 of The Board of Directors of the Sterling Ranch CAB Regarding the Adoption of Amended and Restated Water Demand Standards.

3.3.2 Development Within Dominion Water Service Area and Water Demand Standards

Dominion strives to remain a leader in water efficiency by 1) improving water efficiency with existing communities it will be servicing and 2) by maintaining high water efficiency development standards like Sterling Ranch CAB for new development. Dominion believes this is the responsible and essential approach to further developing its service area in a region that has historically been reliant on non-renewable groundwater. A critical component to accomplishing Dominion's goals outlined in Section 3.2, is DWSD's Adopted Demand Standard.

On January 28, 2025, DWSD was duly approved as an Established District[7] pursuant to Section 1809A.02, thereby confirming its authority and capacity to provide a continuing, reliable, and safe water supply to existing and future Retail Customers within its service area. In its capacity as the wholesale water and wastewater service provider, DWSD shall establish and enforce minimum water demand standards applicable to all residential and non-residential uses within the communities it serves. To ensure orderly and responsible development DWSD has established demand standards for new development and existing communities within each designated service area (PSA, ESA, and OSA), together with applicable renewable water supply requirements, as set forth in Appendix I[8]. Pursuant to the special resolution dated March 13, 2026, DWSD shall establish project-specific demand standards governing non-residential service connections within Sterling Ranch, including representative commercial, light industrial, and irrigation uses. Such standards shall be based upon recognized industry benchmarks, documented water-use data from other Front Range water providers, or both, as determined by DWSD[9].

DWSD's demand standard, adopted in 2024, sets forth minimum water standards for its Retail Districts. These demand standards are a top-down approach to ensuring that Dominion customers, encompassing both existing and new development, achieve a low water demand standard as a condition of receiving water services from DWSD. Table 3.2 provides these standards for new development and existing communities in DWSD's Primary

[7] Douglas County Board of County Commissioners, Resolution No. R-025-008 designating Dominion Water & Sanitation District as an Established District under 1809.02A (January 28, 2025).
[8] DWSD approved Resolution dated September 13, 2024, adopts Sterling Ranch amended and restated water demand standards from October 20, 2021 for water service within the Sterling Ranch (the Primary Service Area (PSA)).
[9] DWSD approved Resolution dated March 13, 2026, regarding commercial and light industrial water demand standards.

Service Area (PSA), Extended Service Area (ESA), and Outside Service Area (OSA). These service areas are defined below.

Table 3.2: Dominion's Adopted Demand Standards

Service Area	New Development	Existing Communities
PSA	Sterling Ranch CAB Adopted 2021 Demand Standard (See Section 3.3.1)	0.40 AF/SFE with a goal to achieve 0.30 AF/SFE in 5 years and 0.25 AF/SFE in 10 years
ESA	0.25 AF/SFE with the requirement to bring 100% renewable water supplies	0.75 AF/SFE with the requirement to bring 100% renewable water supplies
OSA	0.25 AF/SFE with the requirement to bring 0.50 AF/SFE of 100% renewable water supplies	0.75 AF/SFE with the requirement to bring 100% renewable water supplies

Source: Appendix I in Dominion's Rules and Regulations

- Primary Service Area (PSA): Includes the Sterling Ranch CAB and Existing Retail Districts, whose primary source of water supply is non-renewable water supplies (e.g. Louviers, Sedalia, and Thunderbird).
- Extended Service Area (ESA): Retail Districts not located in the PSA but still within DWSD's Service Area
- Outside Service Area (OSA): Customers outside DWSD's service area.

These minimum water demand standards were designed to address both less water efficient traditional established communities and land use planning for new developments. The water demands standards for PSA, ESA, and OSAs for new development are on par with Sterling Ranch CAB's 2021 low water demand standards, requiring new development to incorporate water efficiency upfront in the land use planning process. All new developments are to meet the required low water use standard. They are also incentivized to meet such low water demand standards, given the required renewable water supply requirements that also must be met to receive services from DWSD.

Dominion is in the process of developing and implementing a non-residential demand standard to include commercial, light industrial and associated outdoor irrigation. The WEP will be updated to include information related to this demand standard and expected and required associated outdoor irrigation requirements.

Regarding existing communities, established communities in the PSA were developed prior to water efficiency and scarcity being a priority and consequently, require a different set of water efficiency strategies than future development. They also have limited resources and therefore need technical and financial support along with time for the implementation of water saving strategies to reduce water use. The water demand standards in Table 3.2 require existing communities within the PSA to meet a reasonable water demand standard upon initiation of service with the goal of lowering water demand within ten years to levels required for new development, with an interim reduction at 5-years. The water demand standards for communities in the ESA and OSA is consistent with Douglas County's water demand standard of 0.75 AF/SFE. That said, these communities are required to bring 100% renewable water supplies to meet their projected demands. Such a requirement incentivizes water efficient development.

While these development standards limit the amount of water that may be applied for redevelopment and new development, they allow flexibility in how this standard may be accomplished. All communities receiving services from Dominion are required to develop DWSD approved Retail WEPs. While developing these WEPs, the Retail Districts essentially lay out how they will meet their required water demand standard through a series of recommended practices modeled after Sterling Ranch CAB. The Retail District must agree to implement the WEP as a condition of service and the Retail WEP must be reviewed and approved by DWSD

prior to issuance of a building permit. See Section 5 for more details. DWSD also retains the right to implement penalties if Retail Districts do not meet their water demand standard. This is called out in Section 10 of DWSD's Rules and Regulations.

In any case of violation of these Rules and Regulations, DWSD may revoke, disconnect or turn-off service, require the responsible Person or entity to disconnect, or require the responsible Person or entity to return DWSD's facilities and/or system to original condition, and shall require payment of all applicable fees and charges provided by these Rules and Regulations along with all costs associated with the violation, including any expense, loss, damage or attorneys' fees occasioned by such violation by the responsible person or entity prior to DWSD providing any service to any property or facilities owner, leased or occupied by the responsible party, whether or not such property or facilities are directly involved in the violation. This Section shall not be construed to limit the rights of DWSD to pursue other fees, charges, remedies or forms of relief provided in these Rules and Regulations and by other applicable law. DWSD Rules and Regulations, Section 10.01.

3.4 Climate Uncertainty and Water Supply Planning

Dominion's proactive planning efforts address the uncertainty and risk associated with climate variability and a warming climate on many different fronts. This includes the diversity of water supplies DWSD is developing to provide a resilient and sustainable supply, the provision of water service to existing communities in need of sustainable supplies (e.g. Sedalia, Louviers, and Thunderbird), exceptional demand management policies, and incorporating the water-energy nexus in future decision making.

Dominion's approach to conjunctive management of both surface and groundwater supplies enhances its resiliency to critical dry periods. Both groundwater storage through ASR and storage of surface water will provide a reserve to draw from in times of drought. Additionally, Dominion's non-renewable groundwater supplies are to be reserved for drier periods when surface water supplies are less. These long-term water supply planning efforts are providing Dominion with a robust resilient water supply portfolio.

While susceptible to climate change and other vulnerabilities discussed above, Dominion's ability to provide renewable supplies to a region that has historically relied on wells in a depleting groundwater basin, enhances the long-term sustainability of the region. This is most notable for existing smaller communities in the region that currently rely on non-renewable groundwater. These communities will have the opportunity to receive wholesale water supplies from Dominion which will significantly reduce the vulnerability of these communities, ensuring a more sustainable future for Douglas County.

DWSD is also committed to servicing communities with exceptional water efficiency standards like water demand levels demonstrated by its current Retail District, Sterling Ranch CAB. Such sustainable communities provide an example of new development that places less strain on the region's renewable surface water supplies and non-renewable groundwater. In addition to exceptional low water demand standards, Dominion is fostering waterwise and drought tolerant landscapes that provide a pallet of climate-appropriate and biodiverse vegetation. This enhances urban ecosystem diversity and landscapes that are more resilient to drought and higher temperatures.

Dominion's culture of stewardship for water and natural resources also encourages the exploration of energy efficient opportunities as it continues to develop its water supply portfolio and refine its demand management policy. Decisions that leverage the nexus of water and energy, capitalizing on both water and energy efficient opportunities can provide cost benefits as well as reductions in greenhouse gas emissions.

4 Dominion's Demand Management Practices

As a wholesale water provider, Dominion's water efficiency and conservation practices focus on efficient deliveries to its Retail Districts and the promotion of water efficiency among its existing and future Retail Districts. Existing communities are required to improve water efficiency over time if receiving water service from Dominion, while water efficiency practices are to be embedded up front in the planning and land development process for redevelopment and new communities. Most of the water efficiency practices described below are also included in Dominion's Rules and Regulations. These are called out where applicable. A summary of these practices is provided in Table E.1 in the Executive Summary of this Plan.

4.1 Planning and Implementation

Well thought-out planning will play a critical role in the development of Dominion's service area. Dominion is committed to integrating proactive water efficiency and conservation into future planning efforts that help ensure water sustainability for its Retail Districts.

Community vision – As quoted in Section 1.1 of this Plan, Dominion maintains the vision to provide a reliable and sustainable supply working closely with its Retail Districts and regional partners to promote efficient water use. Water efficiency is a critical component to providing a long-term sustainable and reliable water supply in the face of a regional reliance on non-renewable groundwater, warming global temperatures, variable climatic conditions, and other uncertainties. Water efficiency and conservation plays a critical role in day-to-day operations, planning and decision-making, along with culture which emphasizes the value of water and need for responsible stewardship.

Vision: DWSD is committed to providing a sustainable and reliable water supply to its Retail Districts, working closely with each Retail District and regional partner to promote the efficient use of this valuable limited resource. – DWSD's Rules and Regulations, Section 8.03(a) and Section 9.02(a).

Water efficiency plans – Dominion has developed this State approved Water Efficiency Plan which includes a series of water efficiency and conservation practices that are required through DWSD's Rules and Regulations. In addition, Dominion requires that all Retail Districts receiving service from Dominion maintain a DWSD approved Retail District WEP. DWSD supports Retail Districts' efforts in developing and implementing these Retail WEPs. A template for Retail District WEPs is provided in Appendix A of this Plan. See Section 5 and Appendix A for more information.

Required coordination among DWSD and Retail Districts - Dominion takes a leadership role in coordinating communication with its Retail Districts on water demands, demand management practices, and drought response. This is addressed in Section 6.1 of this Plan and Section 9 of Dominion's Drought Mitigation and Response Plan and is required per DWSD's Rules and Regulations. During periods of no drought declaration, three meetings are to be held throughout the year with Dominion and its Retails Districts to review water demands and demand management. This provides a strong platform for responding to drought and water shortages as well as developing advantageous connections and efficiencies among Retail Districts on implementing water efficiency and conservation practices.

Routine communication with decision makers – Dominion's Board strongly supports water efficiency and conservation practices. Staff and Board communicate routinely on water demands and demand management activities as specified in Section 9.05(a) of DWSD's Rules and Regulations.

Consider the water energy nexus with future planning efforts - The development of Dominion's future water supplies will require energy for daily operations. Cost saving energy efficient opportunities along with the reduction of green-house gas (GHG) emissions will be explored and considered with future planning and decision-making on how to best develop the energy necessary to support the development, storage, treatment, pumping, monitoring, and delivery of water to Retail Districts. This is specified in Section 9.05(a) of DWSD's Rules and Regulations. Such opportunities may include:

- Energy and cost efficiencies
- Renewable energy options (e.g. solar, wind, thermal)
- Partnerships that help advance renewable energy strategies and opportunities

4.2 Measurement and Data

DWSD is implementing many best practices addressing measurement and data to ensure efficient delivery of its wholesale water supplies to Retail Districts while reducing water waste and ensuring accurate measurement of delivered supplies.

Master metering - Dominion requires that all Retail Districts connect to DWSD wholesale water facilities through a master meter vault. DWSD monitors volumetric water usage through the master meter. This is specified in Section 6.10 (c) of DWSD's Rules and Regulations.

Fixed deliveries - The annual fixed delivery included in the service application is based on water demand standards addressed in Section 3.3 of this Plan. If the Retail District is using substantially more water than originally requested, Dominion may take additional actions as specified in Section 9.05 (b) of DWSD's Rules and Regulations. Under a drought declaration, fixed deliveries may be adjusted per DWSD's Rules and Regulations, Section 8.08 (a).

Measurement, leak detection, and repair - DWSD routinely inspects, repairs, and replaces aging infrastructure as specified in Section 9.05 (b) of DWSD's Rules and Regulations. DWSD also effectively meters its water facilities, continues to make metering improvements, and conducts non-revenue water accounting for its wholesale delivery system up to the Moore Water Treatment plant. Pressure testing is performed on an as-needed basis.

Communication on deliveries – Dominion will communicate to Retail Districts on drastic changes in master delivery rates losses (e.g. water line break) as specified in Section 9.05 (b) of DWSD's Rules and Regulations.

4.3 Rates and Charges

Dominions maintains a water efficient pricing structure. Appendix C provides DWSD's 2025 fees and rates for Sterling Ranch CAB.

Volumetric tiered rate structure - Dominion's wholesale water rates are based on a volumetric conservation-oriented tiered structure incentivizing the efficient use of water. Dominion will establish monthly charges for future Retail Districts that include a fixed service fee, and a usage charge as specified in Section 5.03(b) of DWSD's Rules and Regulations, based on a Cost-of-Service Analysis (COSA) specific to that Retail District, and to be funded by said Retail District.

Review of fees and rates – Dominion reviews its connection fees and monthly charges at least every five years with a rate study conducted by a private firm, as specified in DWSD's Rules and Regulations Section 5.03(c). Rate studies may also be routinely performed in house.

4.4 Education and Communication

Education and communication will help foster water efficient communities in Dominion's service area as the area continues to develop. The following are specified in Section 9.05 (d) of DWSD's Rules and Regulations.

Outreach on local, regional and national level – Dominion is taking an active role on local, regional, and national outreach opportunities to educate the water community on Dominion and Sterling Ranch CAB's proactive approach to water efficiency. Dominion plans to continue to pursue such opportunities and collaborate with Sterling Ranch CAB on such efforts. Some examples of such efforts include participation in workshops and conferences and providing case studies where requested.

Education to Retail Districts – DWSD will support and provide information as requested to its Retail Districts regarding how to communicate the value of water and how to deliver consistent and effective messaging. For example, Sterling Ranch CAB and DWSD have an agreement that addresses public education and outreach.

Implementation assistance to Existing Retail Districts – Existing communities including unincorporated Louviers, the Town of Sedalia, and Thunderbird, receiving water service from Dominion, as applicable, are required to reduce their water use to 0.30 AF/SFE in 5 years and 0.25 AF/SFE in 10 years upon receiving service. See Section 3.3.2 for more details. DWSD will work with these Retail Districts on an implementation plan to phase in individual meters and adopt water efficiency practices that lower water use given each existing community's circumstances. This is specified in Section 9.05(a).

4.5 Development and Demand Standards

Dominion maintains a comprehensive policy on demand management addressing both Dominion's commitments to water efficiency and conservation and the requirements its Retail Districts must follow to receive DWSD services.

Dedicated Rules and Regulations addressing demand management - Chapter 9 of Dominion's Rules and Regulations is dedicated to demand management. This chapter requires most of the Dominion's water efficiency practices called out in Section 4 of this Plan. These practices are a part of Dominion's standard operations. Specific water efficiency practices for Retail Districts are also required per Chapter 9 of DWSD's Rules and Regulations. These are specified in Table 5.1 of this Plan.

Retail WEP required as condition of service – Retail Districts are required to develop and adopt a Retail WEP that ensures efficient water use upfront in the planning process, minimizes water waste, and facilitates long-term sustainable water use prior to receiving service from Dominion. This is addressed in Section 9.06 of DWSD's Rules and Regulations. Appendix A of this Plan provides a template for Retail Districts to follow when developing their WEP. This is intended to streamline the process for Retail Districts, specify required practices per DWSD's Rules and Regulations, and recommend additional water efficient practices. Such practices also provide environmental benefits and sustainability throughout DWSD's service area (e.g. climate appropriate landscaping that provides ecological diversity and that is drought resilient).

Development standards for Retail Districts – As discussed in Section 3.3.2, new development standards have been adopted by DWSD requiring redevelopment and new development for single family to adhere to a low water use standards (e.g. 0.25 AF per SFE). Existing development within the PSA must also lower their water use over time with specific water use per SFE standards. While these development standards limit the amount of water that may be applied for single-family use, they allow flexibility in how this standard may be accomplished. Retail Districts determine how they are to meet these standards through the development of their Retail WEPs.

Dominion is in the process of developing and implementing a non-residential demand standard to include commercial, light industrial and associated outdoor irrigation. The WEP will be updated to include information related to this demand standard and expected and required associated outdoor irrigation requirements.

4.6 Reuse

A significant portion of DWSD's planned future water supply portfolio will consist of legally reusable water.

Return flows and reuse water - Nearly all of Dominion's water supply is legally reusable. Dominion will continue to explore opportunities to expand reuse of its return flows to further enhance efficiencies in its potable water supply system. As discussed in Section 2.2.2, this will include the demolition of Roxborough WWTP and construction of CBWRF to treat reusable supplies along with the South Platte Diversion, raw water pump station and raw water line will allow Dominion to bring the wholly consumable return flows back into its system for beneficial use.

5 Retail District Water Efficiency Plans

5.1 Development and Review of the Retail District WEP

Retail WEPs play an important role in long-term water supply sustainability within Dominion's service area Retail Districts receiving supplies from DWSD must develop a Retail WEP. Per Dominion's Rules and Regulations, Retail Districts must agree to implement their Retail WEP as a condition of service and the Retail WEP must be reviewed and approved by DWSD prior to issuance of a building permit, as further outlined in Dominion's Rules and Regulations. This section provides a set of tables and guidelines that Retail Districts are to use when developing their individual plans.

Retail Districts shall maintain a Retail WEP approved by DWSD. The Retail District must agree to implement the WEP as a condition of service and the Retail WEP must be reviewed and approved by DWSD prior to issuance of a building permit. *– DWSD's Rules and Regulations, Section 9.06.*

Dominion is committed to providing technical support in developing the Retail WEPs. Appendix A of this Plan provides a template that Retail Districts may use in developing their Retail WEPs. This template streamlines the Retail WEP development process and includes fundamental components to water efficiency and conservation planning. The roles and responsibilities of Dominion and its Retail Districts, Rules and Regulations, along with the coordination and communication protocols are embedded within the template. In addition to the template, a series of required and recommended demand management practices are included in Section 5.2 that Retail Districts are to consider when developing their Retail WEPs.

Retail Districts shall have the option of using the template with appropriate modifications or developing their own Retail WEPs subject to DWSD's review and approval. All Retail WEPs developed without DWSD's template must incorporate the Plan Elements outlined in CWCB's 2026 Water Efficiency Plan Guidelines and consider all of the practices for implementation in Table 5.1 of DWSD's Water Efficiency Plan.

During the development of the Retail WEP and DWSD's review process, DWSD and the Retail District shall collaboratively:

- *Identify and understand unique situation(s) of the retail water provider that warrants consideration in development of the Retail WEP.*
- *Address questions, comments, and concerns that DMSD or the Retail District may have during the plan development and review process.*

– DWSD Rules and Regs, Section 9.06.

Coordination with Drought Mitigation and Response Plans

All Retail District WEP planning efforts should also be coordinated with the Retail District Drought Mitigation and Response Plans (DRMP). Dominion's Drought Mitigation and Response Plan address the Retail District DMRP and includes a template for development of the Retail District DMRP. Retail Districts should be implemented their Retail District WEP during years with no declaration while also adhering to drought response called out in their Retail District DMRP under "normal" years. During drought declaration, Retail Districts

should continue to implement the practices of their Retail District WEP yet also incorporate the appropriate drought response, as directed in their Retail District DMRP.

Resources to Use When Developing Retail District WEP

Resources that should be used for the development of Retail WEPs include:

1. WEP template provided in Appendix A
2. Dominion's Water Efficiency Plan (this Plan)
3. Chapter 9 of Dominion's Rules and Regulations.
4. Retail District DMRP

Additional resources that may be helpful in development of Retail WEPs include:

- Colorado Waterwise Best Practices Guidebook
- Municipal Water Efficiency Plan Guidance Document
- Best Practices for Implementing Water Conservation & Demand Management Through Land Use Planning Efforts

5.2 Selection of Retail District Demand Management Practices

This section provides a framework of demand management practices that Retail Districts are strongly encouraged to use when developing their Retail WEPs. Table 5.1 provides a list of mandatory and recommended water efficiency and conservation practices for PSAs, ESAs, and OSAs. The demand management practices presented in Table 5.1 cover a broad range of options for existing, new development, and redevelopment. The categories of practices (Planning and Implementation, Measurement and Data, etc., are based on the 2024 *Best Practices Guidebook for Municipal Water Conservation in Colorado* which can serve as a valuable resource on the specific practices associated with each of these categories.

All practices listed in Table 5.1 should be considered for incorporation into Retail District WEPs. Retail Districts may apply a set of screening criteria to help identify the practices to carry into their Retail District WEP. Such screening criteria may entail technical feasibility, public interest, environmental impact, cost-effectiveness, available staff and financial resources for implementation, etc. Required water efficiency practices must be included in Retail WEPs, per DWSD Rules and Regulations, while the highly recommended and recommended practices can contribute to meeting the mandatory Retail District water demand standards addressed in Section 3.3.2. Many of these recommendations are based on the practices Sterling Ranch CAB is implementing to meet their water demand standards addressed in Section 3.3.1.

Furthermore, it is important to note that that Retail District DMRPs also include drought response measures to implement during "normal" times and during drought declaration. Drought response measures included in the Retail District DMRP under normal times should also be incorporated into the Retail District's WEP. See Dominion's Drought Mitigation and Response Plan for more information. Specific demand management practices that correspond to Retail District DMRPs are noted in Table 5.1.

Table 5.1: Water Efficiency and Conservation Practices for Retail WEPs

Demand Management Practice	Primary Service Area (PSA)		Extended Service Area (ESA)		Outside Service Area (OSA)	
	Existing Communities (Louviers/Sedalia/Thunderbird)	New and Redevelopment (Sterling Ranch CAB)	Existing Communities	New and Redevelopment	Existing Communities	New and Redevelopment
Planning and Implementation						
DWSD approved Retail WEP.	Required *DWSD Rules & Regs, Section 9.06.*	Required *DWSD Rules and Regs, Section 9.06.*	Required *DWSD Rules and Regs, Section 9.06.*	Required *DWSD Rules and Regs, Section 9.06.*	Required *DWSD Rules and Regs, Section 9.06.*	Required *DWSD Rules and Regs, Section 9.06.*
Retail District Drought Mitigation and Response Plan (DRMP).	Required *DWSD Rules and Regs, Section 8.07 (b).*	Required *DWSD Rules and Regs, Section 8.07 (b).*	Required *DWSD Rules and Regs, Section 8.07 (b).*	Required *DWSD Rules and Regs, Section 8.07 (b).*	Required *DWSD Rules and Regs, Section 8.07 (b).*	Required *DWSD Rules and Regs, Section 8.07 (b).*
Means of implementing Retail WEP	Required *DWSD Rules and Regs, Section 9.06.*	Sterling Ranch CAB implementing. Demand management is integrated with land use planning and development process.	Required *DWSD Rules and Regs, Section 9.06.*	Required *DWSD Rules and Regs, Section 9.06.*	Required *DWSD Rules and Regs, Section 9.06.*	Required *DWSD Rules and Regs, Section 9.06.*
Routine coordination/collaboration with land use planning staff/authority as needed	Highly recommended to meet demand standard.	Sterling Ranch CAB implementing.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Engage with DWSD on demand management monitoring and coordination	Required *DWSD Rules and Regs, Section 9.07.*	Required Sterling Ranch CAB implementing per DWSD Rules and Regs, Section 9.07.	Required *DWSD Rules and Regs, Section 9.07.*	Required *DWSD Rules and Regs, Section 9.07.*	Required *DWSD Rules and Regs, Section 9.07.*	Required *DWSD Rules and Regs, Section 9.07.*
Measurement and Data						
End use metering	Required DWSD will work with community on phased approach. *DWSD Rules and Regs, Section 6.12(d).*	Required Sterling Ranch CAB implementing per DWSD Rules and Regs, Section 6.12(d).	Required Can be implemented via an approved phased approach *DWSD Rules and Regs, Section 6.12(d).*	Required *DWSD Rules and Regs, Section 6.12(d).*	Required Can be implemented via an approved phased approach. *DWSD Rules and Regs, Section 6.12(d).*	Required *DWSD Rules and Regs, Section 6.12(d).*
End use AMI metering	Highly recommended to meet demand standard.	Sterling Ranch CAB implementing.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Dual indoor and outdoor metering for new development	Highly recommended to meet demand standard.	Required Sterling Ranch CAB implementing per DWSD Rules and Regs, Section 6.12(e).	Required DWSD Rules and Regs, Section 6.12(e).	Required *DWSD Rules and Regs, Section 6.12(e).*	Required DWSD Rules and Regs, Section 6.12(e).	Required *DWSD Rules and Regs, Section 6.12(e).*
Metering of construction water	Required DWSD will work with community on phased approach. *DWSD Rules and Regs, Section 6.12(f).*	Sterling Ranch CAB Implementing per DWSD Rules and Regs, Section 6.12(f).	Required *DWSD Rules and Regs, Section 6.12(f).*	Required *DWSD Rules and Regs, Section 6.12(f).*	Required *DWSD Rules and Regs, Section 6.12(f).*	Required *DWSD Rules and Regs, Section 6.12(f)*
Annual audits of non-revenue water using. AWWA M36 methodology	Required DWSD will work with community on phased approach. *DWSD Rules and Regs, Section 7.04(c).*	Required *DWSD Rules and Regs, Section 7.04(c)* - managed through Operational IGA.	Required *DWSD Rules and Regs, Section 7.04(c).*	Required *DWSD Rules and Regs, Section 7.04(c).*	Required *DWSD Rules and Regs, Section 7.04(c).*	Required *DWSD Rules and Regs, Section 7.04(c).*
System losses and leak repair	Required.	Required.	Required.	Required.	Required.	Required.

Demand Management Practice	Primary Service Area (PSA)		Extended Service Area (ESA)		Outside Service Area (OSA)	
	Existing Communities (Louviers/Sedalia/Thunderbird)	New and Redevelopment (Sterling Ranch CAB)	Existing Communities	New and Redevelopment	Existing Communities	New and Redevelopment
	DWSD Rules and Regs, Section 7.04(c) and, Section 7.04(d).	Sterling Ranch CAB implementing per *Section 7.04(c) and, Section 7.04(d)* – managed through Operational IGA.	*DWSD Rules and Regs, Section 7.04(c) and, Section 7.04(d).*	*DWSD Rules and Regs, Section 7.04(c) and, Section 7.04(d).*	*DWSD Rules and Regs, Section 7.04(c) and, Section 7.04(d).*	*DWSD Rules and Regs, Section 7.04(c) and, Section 7.04(d).*
Meter/estimate flushing water for existing pipelines and new pipelines coming online.	Highly recommended. Meter/estimate water used for flushing. *Also addressed in Retail District DMRP guidance.*	Implemented in Sterling Ranch CAB through routine operations and maintenance.	Highly recommended. Meter/estimate water used for flushing.. *Also addressed in Retail District DMRP guidance.*	Highly recommended. Meter/estimate water used for flushing. *Also addressed in Retail District DMRP guidance.*	Highly recommended. Meter/estimate water used for flushing. *Also addressed in Retail District DMRP guidance.*	Highly recommended. Meter/estimate water used for flushing. *Also addressed in Retail District DMRP guidance.*
Distribution system pressure testing	Highly recommended. Monitor pressure zones and check for drastic fluctuations.	Managed through Operational IGA.	Highly recommended. Monitor pressure zones and check for drastic fluctuations.	Highly recommended. Monitor pressure zones and check for drastic fluctuations.	Highly recommended. Monitor pressure zones and check for drastic fluctuations.	Highly recommended. Monitor pressure zones and check for drastic fluctuations.
Routine meter testing and replacement program for end uses	Highly recommended. Conduct as needed. Information from AWWA M36 audit can assist in assessing meter accuracy.	Managed through Operational IGA.	Highly recommended. Conduct as needed. Information from AWWA M36 audit can assist in assessing meter accuracy.	Highly recommended. Conduct as needed. Information from AWWA M36 audit can assist in assessing meter accuracy.	Highly recommended. Conduct as needed. Information from AWWA M36 audit can assist in assessing meter accuracy.	Highly recommended. Conduct as needed. Information from AWWA M36 audit can assist in assessing meter accuracy.
Water budgets	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Customized outdoor water budgets	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Customer water audits	Recommended where beneficial.	Sterling Ranch CAB in use and continues to refine.	Recommended where beneficial.	Recommended where beneficial.	Recommended where beneficial.	Recommended where beneficial.
Target high water user customers (e.g. customers exceeding their water budget) and incentivize them to lower water use	Recommended.	Sterling Ranch CAB in use and continues to refine.	Recommended.	Recommended.	Recommended.	Recommended.
Leak sensors at the customer end use	Recommended.	Sterling Ranch CAB in use and continues to refine.	Recommended.	Highly recommended to meet demand standard.	Recommended.	Highly recommended to meet demand standard.
Rates and Charges						
Conservation oriented tiered rate structure with monthly billing	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Tiered water rates tied to water budgets	Recommended.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Routine review of tiered water rate structure and associated rates	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Tap fee structure that incentivizes water efficiency	DWSD to charge tap fee.	Tap fees set by meter size on individual basis. Have separate irrigation taps based on acreage irrigated and type of planting.	DWSD to charge tap fee.	DWSD to charge tap fee.	DWSD to charge tap fee.	DWSD to charge tap fee.

Demand Management Practice	Primary Service Area (PSA)		Extended Service Area (ESA)		Outside Service Area (OSA)	
	Existing Communities (Louviers/Sedalia/Thunderbird)	New and Redevelopment (Sterling Ranch CAB)	Existing Communities	New and Redevelopment	Existing Communities	New and Redevelopment
Development and Codes						
Water demand requirement(s) *(Notes: 1. This requirement may be meant through regulations and/or incentives included in this table. 2. DWSD is in the process of developing non-residential water demand requirements which will be required in the future.)*	Required Residential 0.4 AF /SFE with a goal to achieve 0.25 AF/SFE in 10 years. *DWSD Rules and Regs, Appendix I.*	Sterling Ranch CAB adopted new 2021 water demand standards for residential water use. See Section 3.3.1 for details.	Required Residential 0.75 AF/SFE *DWSD Rules and Regs, Appendix I.*	Required Residential 0.25 AF/SFE *DWSD Rules and Regs, Appendix I.*	Required Residential 0.75 AF/SFE *DWSD Rules and Regs, Appendix I.*	Required Residential 0.25 AF/SFE *DWSD Rules and Regs, Appendix I.*
Water supply requirement	To be provided by DWSD via contractual arrangement.	To be provided by DWSD via contractual arrangement	Requirement to bring 100% renewable water supplies *DWSD Rules and Regs, Appendix I.*	Requirement to bring 100% renewable water supplies *DWSD Rules and Regs, Appendix I.*	Requirement to bring 100% renewable water supplies *DWSD Rules and Regs, Appendix I.*	Requirement to bring 0.50 AF/SFE of 100% renewable water supplies *DWSD Rules and Regs, Appendix I.*
Water waste prohibition	Required *DWSD Rules and Regs, Section 7.04(c).* Highly recommended that Retail District incorporates code like Sterling Ranch CAB along with fees and fines associated with violations. *Also addressed in Retail District DMRP guidance.*	Sterling Ranch CAB's code has a water waste prohibition, defines water waste, and fees and fines associated with violations. See Appendix B for the code language.	Required *DWSD Rules and Regs, Section 7.04(c)* Highly recommended that Retail District incorporates code like Sterling Ranch CAB along with fees and fines associated with violations. *Also addressed in Retail District DMRP guidance.*	Required *DWSD Rules and Regs, Section 7.04(c).* Highly recommended that Retail District incorporates code like Sterling Ranch CAB along with fees and fines associated with violations. *Also addressed in Retail District DMRP guidance.*	Required *DWSD Rules and Regs, Section 7.04(c).* Highly recommended that Retail District incorporates code like Sterling Ranch CAB along with fees and fines associated with violations. *Also addressed in Retail District DMRP guidance.*	Required *DWSD Rules and Regs, Section 7.04(c).* Highly recommended that Retail District incorporates code like Sterling Ranch CAB along with fees and fines associated with violations. *Also addressed in Retail Districts DMRP guidance.*
Water efficient fixtures and appliances that meet or exceed WaterSense standards	Recommended for redevelopment/retrofits.	Sterling Ranch CAB in use and continues to refine.	Recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.	Recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.
No nonfunctional turf, artificial turf, or invasive plant species on new "non-residential" development and multi-family	Unless exempt, required starting in 2026. *State Statute SB24-005 and HB 25-1113.*	Sterling Ranch CAB's code exceeds requirements in *State Statute SB24-005 and HB 25-1113.*	Unless exempt, required starting in 2026. *State Statute SB24-005 and HB 25-1113.*	Unless exempt, required starting in 2026. *State Statute SB24-005 and HB 25-1113.*	Unless exempt, required starting in 2026. *State Statute SB24-005 and HB 25-1113.*	Unless exempt, required starting in 2026. *State Statute SB24-005 and HB 25-1113.*
Landscape code that includes best practices for efficient irrigation and water wise landscapes on residential and non-residential properties	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.
Rear yard waterwise requirements	Highly recommended for redevelopment/retrofits.	Sterling Ranch CAB in use and continues to refine.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.
Landscape plan review and approval process	Highly recommended for redevelopment/retrofits.	Sterling Ranch CAB in use and continues to refine.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.
Landscape and irrigation professional registration	Highly recommended for redevelopment/retrofits.	Sterling Ranch CAB in use and continues to refine.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.
WaterSense certified irrigation controllers	Highly recommended for redevelopment/retrofits.	Sterling Ranch CAB in use and continues to refine.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.
Plant list	Highly recommended for redevelopment/retrofits.	Sterling Ranch CAB in use and continues to refine.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.	Highly recommended for redevelopment/retrofits.	Highly recommended to meet demand standard.

Demand Management Practice	Primary Service Area (PSA)		Extended Service Area (ESA)		Outside Service Area (OSA)	
	Existing Communities (Louviers/Sedalia/Thunderbird)	New and Redevelopment (Sterling Ranch CAB)	Existing Communities	New and Redevelopment	Existing Communities	New and Redevelopment
Artificial turf	Consider	Sterling Ranch CAB in use and continues to refine.	Consider for redevelopment/retrofits.	Consider.	Consider for redevelopment/retrofits	Consider.
Water feature and pool requirements for residential and non-residential - require best practices to minimize waste	Highly recommended. *Also addressed in Retail District DMRP guidance.*	Sterling Ranch CAB in use and continues to refine.	Highly recommended for redevelopment/retrofits. *Also addressed in Retail District DMRP guidance.*	Highly recommended for redevelopment/retrofits. *Also addressed in Retail District DMRP guidance.*	Highly recommended for redevelopment/retrofits. *Also addressed in Retail District DMRP guidance.*	Highly recommended for redevelopment/retrofits. *Also addressed in Retail District DMRP guidance.*
Non-residential water intensive customers are required/incentivized to recycle and/or use water efficiently (e.g. all new car washes must recycle water)	Highly recommended to meet demand standard.	Required per code.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Education and Communication						
Implementation of a customer demand management communications and messaging strategy/plan	Highly recommended.	Sterling Ranch CAB in use and continues to refine.	Highly recommended.	Highly recommended.	Highly recommended.	Highly recommended.
Conservation and water efficiency webpage	Highly recommended.	Sterling Ranch CAB in use and continues to refine.	Highly recommended.	Highly recommended.	Highly recommended.	Highly recommended.
Be an example - Implement and educate customers on conservation and efficiency efforts Retail District and DWSD is doing	Highly recommended.	Sterling Ranch CAB in use and continues to refine.	Highly recommended.	Highly recommended.	Highly recommended.	Highly recommended.
Informative water bill (at minimum bill shows monthly use for previous year relative to current use and/or water budget)	Highly recommended.	Sterling Ranch CAB in use and continues to refine.	Highly recommended.	Highly recommended.	Highly recommended.	Highly recommended.
Website portal/phone app reporting real time water use	Highly recommended.	Sterling Ranch CAB in use and continues to refine.	Highly recommended.	Highly recommended.	Highly recommended.	Highly recommended.
Education to residents on existing water budgets and other water efficiency practices	Recommended. *Also addressed in Retail District DMRP guidance.*	Sterling Ranch CAB in use and continues to refine.	Recommended. *Also addressed in Retail District DMRP guidance.*	Recommended. *Also addressed in Retail District DMRP guidance.*	Recommended. *Also addressed in Retail District DMRP guidance.*	Recommended. *Also addressed in Retail District DMRP guidance.*
Targeted education for non-residential field technicians and managers responsible for water use	Highly recommended. *Also addressed in Retail District DMRP guidance.*	Required per standard hiring practice.	Highly recommended. *Also addressed in Retail District DMRP guidance.*	Highly recommended. *Also addressed in Retail District DMRP guidance.*	Highly recommended. *Also addressed in Retail District DMRP guidance.*	Highly recommended. *Also addressed in Retail District DMRP guidance.*
Promote efficient water use and importance of not wasting water (water waste prohibition)	Recommended. *Also addressed in Retail District DMRP guidance.*	Sterling Ranch CAB in use and continues to refine.	Recommended. *Also addressed in Retail District DMRP guidance.*	Recommended. *Also addressed in Retail District DMRP guidance.*	Recommended. *Also addressed in Retail District DMRP guidance.*	Recommended. *Also addressed in Retail District DMRP guidance.*
Conservation and water efficiency messaging through bill inserts	Recommended.	Consider.	Recommended.	Consider.	Recommended.	Consider.
Conservation and water efficiency messaging through social media	Recommended.	Partner with DWSD.	Recommended.	Recommended.	Recommended.	Recommended.
Instructional handouts, videos, fact sheets, guidebook, etc.	Recommended.	Sterling Ranch CAB in and continues to refine. This includes guidebook of approved landscaping practices and	Recommended.	Recommended.	Recommended.	Recommended.

Demand Management Practice	Primary Service Area (PSA)		Extended Service Area (ESA)		Outside Service Area (OSA)	
	Existing Communities (Louviers/Sedalia/Thunderbird)	New and Redevelopment (Sterling Ranch CAB)	Existing Communities	New and Redevelopment	Existing Communities	New and Redevelopment
		plantings developed in partnership with Denver Botanic Gardens.				
Install and promote demonstration garden(s) on Retail District property	Highly recommended to meet demand standard.	Sterling Ranch CAB has signage on waterwise landscaping in existing parks.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Landscape classes for residents purchasing a new homes and resale homes	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Builder educational requirements	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Irrigation controller and irrigation scheduling support	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Explore existing local efforts and opportunities to connect customers to water wise certified landscape professionals	Highly recommended to meet demand standard.	Sterling Ranch CAB implementing - requires on landscape contractors working in Sterling Ranch to be certified	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Target outreach to school age children	Highly recommended to meet demand standard.	Sterling Ranch CAB routinely conducts outreach activities with children.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Promote waterwise landscape resources (e.g. Resource Central water wise webinars)	Highly recommended to meet demand standard.	Sterling Ranch CAB in use and continues to refine.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.	Highly recommended to meet demand standard.
Partner with DWSD on education and communication efforts where beneficial	Highly recommended.	Sterling Ranch CAB partners with DWSD.	Highly recommended.	Highly recommended.	Highly recommended	Highly recommended.
Indoor Water Use						
Rebates/giveaways for certain indoor fixtures and appliances (toilets, urinals, showerheads, faucets, clothes washers)	Recommended.	Consider.	Recommended.	Consider.	Recommended.	Consider.
Target giveaways/rebates to following: high water users, old buildings, low-income customers	Recommended.	Consider.	Recommended.	Consider.	Recommended.	Consider.
Outdoor Water Use						
Rebates/giveaways on irrigation technology	Recommended.	Recommended where beneficial	Recommended.	Recommended if applicable.	Recommended.	Recommended if applicable.
Independent turf replacement program/ Resource Central Turf Replacement Program	Recommended.	Sterling Ranch CAB plans to replace turf in designated tree lawn areas and incentivizes landscaping with a low amounts of turf grass when new homes are purchased.	Recommended	n/a	Recommended.	n/a
Resource Central Garden in the Box	Recommended.	n/a – Sterling Ranch CAB promotes waterwise landscaping at the planning and construction stage.	Recommended.	Recommended if applicable.	Recommended.	Recommended if applicable.

Demand Management Practice	Primary Service Area (PSA)		Extended Service Area (ESA)		Outside Service Area (OSA)	
	Existing Communities (Louviers/Sedalia/Thunderbird)	New and Redevelopment (Sterling Ranch CAB)	Existing Communities	New and Redevelopment	Existing Communities	New and Redevelopment
Resource Central Slow the Flow/Water audits	Recommended.	n/a – Sterling Ranch requires water efficient technology including leak detection and smart irrigation controllers at the design and construction stage.	Recommended.	Recommended if applicable.	Recommended.	Recommended if applicable.
Target giveaways/rebates to following: high water users, low-income customers	Recommended.	n/a	Recommended.	Recommended.	Recommended.	Recommended.

6 Operational and Administrative Framework

This section focuses on the communication and actions necessary for Dominion and its Retail Districts to coordinate implementation and monitoring efforts of this Plan.

6.1 Implementation of the Water Efficiency Plan

Dominion's Director of Planning or staff appointee will coordinate the implementation of this Plan. This includes both the water demand practices Dominion conducts to ensure water efficiency at the wholesale level as well as coordination with its Retail Districts.

Coordination with Retail Districts

Dominion and its Retail Districts are to meet, at a minimum, once a year in advance of the irrigation season. During these meetings, Dominion's Director of Planning (or staff appointee) will be responsible for providing an outlook on current and projected climate conditions and address monthly and annual water demand patterns for each Retail District. On a monthly basis, Retail Districts are responsible for providing Dominion electronic data for their monthly customer end use sector demands and other related data. This information helps to inform how Dominion can best support Retail Districts on demand management. It also informs the Water Supply Index for drought response and water saving targets during a drought declaration, as detailed in DWSD's Drought Mitigation and Response Plan. Additional information on the Retail District's monthly data requirement is provided with the Appendix A Retail WEP Template.

Implementation of Demand Management at the Wholesale Level

Table 6.1 provides a framework for implementation of Dominion's water efficiency and conservation practices addressed in Section 4. Most practices listed below were initiated at the onset of master planning for Dominion's first Retail District, Sterling Ranch CAB, or when Dominion began to serve water to Sterling Ranch in 2018. Many of these practices are included in Dominion's Rules and Regulations and will continue to be implemented through this Plan's seven-year planning horizon. Practices may be modified, where beneficial, as lessons are acquired through implementation.

Table 6.1: Implementation of Dominion's Water Efficiency and Conservation Practices

Practice	Partners	Targeted Actions		
		Historical and Current Ongoing Actions Through Planning Period	Actions Specific to First Portion of Planning Period	Action Specific to Second Portion of Planning Period
			2025 to 2029	2029 to 2032
Planning and Implementation				
Community vision (See Section 4.1)	Retail Districts	n/a	Communicate vision to Retail Districts requesting DWSD service.	1) Communicate vision to Retail Districts requesting DWSD service. 2) Review and modify, if needed, vision at onset of DWSD Water Efficiency Plan update
Water efficiency plans	Retail Districts	n/a	Implement DWSD Water Efficiency Plan and require implementation of the Retail District WEPs as a condition of service along with DWSD approval of the Retail WEP prior to issuance of a building permit.	Implement DWSD Water Efficiency Plan and require implementation of the Retail District WEPs as a condition of service along with DWSD approval of the Retail WEP prior to issuance of a building permit.
Required coordination	Retail Districts	n/a	DWSD to facilitate meetings called out in Section 6.1 and lead applicable coordination efforts.	Review coordination process in Section 6.1, modify process based on lessons learned, and implement.
Routine communication with decision makers	n/a	Staff and Board communicate routinely on water demands and demand management activities.	n/a	n/a
Consider the water energy nexus with future planning efforts	Retail Districts	n/a	Explore and consider cost saving, energy efficiency, and GHG reduction opportunities in future planning and decision making.	Explore and consider cost saving, energy efficiency, and GHG reduction opportunities in future planning and decision making.

Practice	Partners	Targeted Actions		
		Historical and Current Ongoing Actions Through Planning Period	Actions Specific to First Portion of Planning Period	Action Specific to Second Portion of Planning Period
			2025 to 2029	2029 to 2032
Measurement and Data				
Master metering	n/a	Require master meter vaults as condition of service to Retail Districts and ensure meters are operating correctly through routine maintenance.	n/a	n/a
Fixed deliveries	n/a	In periods with no drought declaration, ensure Retail Districts are receiving fixed deliveries based on service application.	n/a	n/a
Measurement, leak detection and repair	n/a	1) Routinely inspect, repair, and replace aging infrastructure. 2) Collect and fund aging infrastructure replacement fee.	n/a	n/a
Communication on deliveries	Retail Districts	Communicate with Retail Districts on drastic changes in master delivery rates.	n/a	n/a
Rates and Charges				
Volumetric tiered rate structure	n/a	Implement volumetric tiered rate structure for all Retail Districts.	n/a	n/a
Review of fees and rates		Routinely review fees and rates and conduct third-party review.		
Education and Communication				

Practice	Partners	Targeted Actions		
		Historical and Current Ongoing Actions Through Planning Period	Actions Specific to First Portion of Planning Period	Action Specific to Second Portion of Planning Period
			2025 to 2029	2029 to 2032
Outreach on local, regional and national level	Retail Districts	Continue to pursue outreach opportunities promoting DWSD and Sterling Ranch CAB water efficiency practices.	n/a	n/a
Education to Retail Districts	Retail Districts	Support and provide information as requested to its Retail Districts regarding how to communicate the value of water and how to deliver consistent and effective messaging.	n/a	n/a
Implementation assistance to Retail Districts	Retail Districts	Work with Retail Districts that are coming online with existing development, on an implementation plan to phase in individual meters and adopt water efficiency practices that lower water use given each existing community's circumstances	n/a	n/a
Development and Demand Standards				
Dedicated Rules and Regulations addressing demand management	Retail Districts	Continue to enforce and implement Rules and Regulations.	Update Rules and Regulations as needed.	1) Update Rules and Regulations as needed. 2) Consider thorough review of Chapter 9 Rules and Regulations with 2032 DWSD Water Efficiency Plan update.

Practice	Partners	Targeted Actions		
		Historical and Current Ongoing Actions Through Planning Period	Actions Specific to First Portion of Planning Period	Action Specific to Second Portion of Planning Period
			2025 to 2029	2029 to 2032
Retail WEP required as condition of service	Retail Districts	Work with Retail Districts on reviewing and approving Retail WEP.	Work with Retail Districts on reviewing and approving Retail WEP.	Consider updating Retail WEP review process, if needed.
Development of standards for Retail Districts	Retail Districts	Enforce development standards and develop non-residential development standards for Retail Districts.	1) Enforce development standards 2) Consider improvements to development standards, if warranted.	1) Enforce development standards 2) Consider improvements to development standards, if warranted.
Reuse				
Return flows and reuse water	n/a	Continue to develop water supplies that optimized use of return flows and legally reusable water.	n/a	n/a

6.2 Water Efficiency and Conservation Monitoring

Demand management is most effective when routine monitoring and adjustments can be made to the implementation through an adaptive process. Monitoring provides the information necessary to make informed adjustments that improve the demand management program under continuously evolving conditions. The collection and organization of data is instrumental in the success of a demand management program. The following monitoring data will be collected on an annual basis by Dominion.

- Supplies such as contractual deliveries and additional water DWSD receives as it continues to develop its water supply portfolio.
- Daily deliveries to each Retail District Master Vaults meter.
- Accounting on non-revenue water.
- Records of any observed and measured leaks within its wholesale transmission system.

In addition to these data, Retail Districts are required to provide total monthly water demands and other relevant data to Dominion monthly. These data requirements are detailed in the Retail WEP Template in Appendix A. All Retail District monitoring data should be provided by the Retail Districts in a timely manner.

Retail Districts shall submit monthly water demands and other relevant data to DWSD as specified in the Retail WEP Template in Appendix A of DWSD's Water Efficiency Plan. DWSD reserves the right to impose penalties, addressed in Section 10, if a Retail District is not meeting its monitoring requirements. – *DWSD's Rules and Regulations, Section 9.07.*

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Appendix A – Retail District Water Efficiency Plan Template

Instructions

This appendix provides a template for DWSD's Retail Districts developing Retail Water Efficiency Plans (WEPs). Retail Districts are to use the following materials when initially developing and updating their WEPs:

1. WEP template provided in this appendix
2. Dominion's Water Efficiency Plan
3. Chapter 9 of Dominion's Rules and Regulations

Other references that may be used for development of Retail WEPs include:

- Municipal Water Efficiency Plan Guidance Document
- Best Practices for Implementing Water Conservation & Demand Management Through Land Use Planning Efforts
- Colorado Waterwise Best Practices Guidebook

Any major deviations from this template should be discussed with DWSD in advance of developing the Retail WEP to ensure DWSD is in approval of such changes. Minor template deviations may be addressed during the Retail WEP review process once the Retail District has completed the first draft of its plan for DWSD review. All Retail Districts should fill in the blanks outlined below along with incorporating the appropriate text in italic font for their final submission to DWSD. Please note, all italic text should be deleted prior to submission to DWSD.

Enter Name of Retail District

Water Efficiency Plan

Enter Date Plan is Adopted

Section 1 – Plan Administrative Overview

1.1 Background: *Retail District* is a retail water district servicing a population of *enter population* in Douglas County. It currently receives wholesale water supplies from Dominion Water and Sanitation District (Dominion or DWSD). As a condition of receiving DWSD services, it must file a retail water efficiency plan (Retail WEP) to DWSD for approval.

1.2 Purpose: The purpose of this Retail WEP is to provide *Retail District* the guidance necessary for a robust demand management program that promotes a sustainable community to sufficiently meet long-term water needs while promoting responsible water stewardship and efficiency.

1.3 Definitions: Conservation, water efficiency and demand management: Chapter 3 of Dominion's Rules and Regulations define Dominion's definition for water conservation, water efficiency, and demand management.

Note to Retail District: Choose one of the following two options to complete this section:

1) These definitions also apply to *Retail District*.

2) Definitions for the following terminology were modified for purposes of this Retail WEP. *Provide terminology and definitions.*

1.4 Retail WEP Development: This Retail WEP is a/an

Note to Retail District: Choose one of the following two options to complete this section:

1) update to *enter title of previous Retail District and year in which it was developed.*

2) new Retail WEP.

This Retail WEP meets Dominion's demand management planning requirements set forth in DWSD's Rules and Regulations as well as in DWSD's Water Efficiency Plan. Table 1 lists the Demand Management Committee members who were instrumental in developing this Retail WEP. *Enter number* meetings were held with the Demand Management Committee to discuss key components of this WEP and provide input.

Note to Retail District: The Demand Management Committee should include a broad spectrum of staff and possibly community members that represent key aspects of the Retail District's services and end use customer interests when it comes to water efficiency and conservation (e.g. member of the Board, public works director, water planning staff, parks, water efficiency/conservation staff, financial/billing department, land use planning staff, public communications, key HOA leads, etc.).

Table 1: Demand Management Committee

Member	Position/Title	Contribution to Plan
List member	*List position*	*List role(s) of individual in developing plan*
List member	*List position*	*List role(s) of individual in developing plan*
List member	*List position*	*List role(s) of individual in developing plan*

Note to Retail District: A 60-day public review process is required once 10 percent buildout is achieved. Choose one of the following two options to complete this section:

1) A 60-day public review process was carried out to receive input from the public on the Retail WEP. This public review process consisted of posting the Retail WEP online for comment and *enter steps taken to receive input on the Retail WEP (e.g., advertised online and via bill inserts, hosting a public open house, conducting a public survey, etc.).* Comments received by the public are documented in the attached in Appendix A.

2) *Retail District* is currently below 10 percent buildout. When this WEP is updated, a 60-day public review process will be carried out if the community has exceeded 10 percent buildout.

1.5 Coordination with Other Planning Efforts: This Retail WEP will be implemented in coordination with the following local and regional planning efforts: 2040 Douglas County Comprehensive Master Plan, South Platte Basin Implementation Plan, Colorado Water Plan, DWSD's Drought Mitigation and Response Plan, DWSD's Water Efficiency Plan, and *enter any additional applicable planning efforts*.

1.6 Plan Adoption: Resolution *enter resolution/ordinance number* was passed on *enter date* by *enter entity adopting Plan (e.g., Board)* adopting the *Retail District* WEP. This resolution is provided in Appendix B.

Note to Retail District: Choose one of the following to complete this section:

1) No policy changes, resolutions, or agreements were enacted to implement this Retail WEP.
2) The following *enter policy, resolution, and/or agreements* were enacted to implement this Retail WEP *Describe the policy, resolution, and/or agreements.*

1.7 Periodic Review and Update: The next update of this Plan will be completed by *enter date* or at *relevant buildout percentage, depending* on which occurs earlier. Staff responsible for taking the lead on updating the Plan include *List staff title(s)*.

Note to Retail District: Consistent with the State of Colorado's requirements and best management practices for water efficiency plans, Retail WEP updates are required at the earliest of the following: 1) every 5 years or 2) when buildout occurs at 20%, 40%, 60%, 80%, and 100% intervals.

Section 2 – Background

2.1 Service Area:

Note to Retail District: Select one of the following two options to complete this section:

1) Development within *Enter name Retail District* has not yet been initiated. Construction is anticipated to begin in *enter year* with a planned community of *enter planned population/housing, etc.* Figure __ provides a map of the *Enter Retail District* service area in relation to DWSD's service area boundaries.

2) *Enter Retail District* provides water supply services to *enter population* customers as of *enter year*. The population is anticipated to grow by *enter percent* within the next ten years for a total population of ___ by ___. The service area *provide brief description on the location of the service area*. Figure __ provides a map of the *Enter Retail District* service area in relation to DWSD's service area boundaries.

2.2 Profile of Water Supplies:

Enter Retail District is in the Douglas County South Metro area where many water providers rely on a combination of renewable water supplies and non-renewable Denver Basin groundwater. The Denver Basin is being mined with observed local groundwater declines. As growth continues in this region, demand management is essential to lessening the impact of non-renewable groundwater extractions from the Denver Basin as well as in placing less strain on renewable surface water supplies, which are in high demand throughout the South Platte Basin. Productive demand management strategies are essential to long-term sustainability throughout the region.

Enter Retail District's water supplies consist of DWSD wholesale water. DWSD is committed to providing 70% renewable water supplies to Retail Districts within its service area and will ultimately rely on a flexible and robust conjunctive use system to sustainably and responsibly manage groundwater supplies and a portfolio of renewable supplies. Dominion's renewable supplies come from regional agreements, and other surface water rights owned by Dominion a portion of which is currently stored in Chatfield Reservoir. Dominion has sufficient water supplies to meet its existing commitments and is currently in the process of developing those water supplies through infrastructure projects and attaining additional supplies to meet the projected water needs of a diversity of prospective Retail Districts. Existing water supply challenges and needs associated with DWSD's wholesale are summarized in Section 2.2 of Dominion's Water Efficiency Plan.

Note to Retail District: Complete the following items, if applicable.

1) Provide a description of water supplies used in addition to DWSD wholesale water.

2) In addition to the challenges and needs in DWSD's Water Efficiency Plan, *Retail District's* experiences the following challenges and needs. *Provide a description of any additional water supply challenges not mentioned in Dominion's Water Efficiency Plan, where applicable.*

2.3 Profile of Historical Water Demands: Annual historical water demands are provided in figures/tables below from year to year.

Note to Retail District: Select one of the following relevant options to complete this section.

1) *If the Retail District has not yet initiated development and the items addressed above in this section are not yet applicable, state the following for this section:* Retail District is anticipated to begin construction in year. Currently there are no existing water demands.

2) *Tables and/or figures showing water demands (in AF or kgal) should be provided for the lettered items below. Examples of such figures and tables are provided in Section 2.3 of Dominion's Water Efficiency Plan for Sterling Ranch.*

   a) *Annual and monthly treated water deliveries.*
   b) *Annual raw water and reclaimed water deliveries (if applicable).*
   c) *Annual deliveries by customer class (e.g. single-family, multi-family, commercial construction water, etc.).*
   d) *Annual non-revenue losses using AWWA M36 procedures. Provides volume of non-revenue water in AF as well as a percentage of annual delivered treated water.*
   e) *Annual system-wide and residential per capita water demands (gpcd) calculated as follows:*
      a. *Total residential water demand measured at the end use meter divided by population*
      b. *Total system wide demand measures at the end use meter divided by population*

Summarize water demand data provided in the above figure/tables. Describe any observed trends and/or relationships along with any factors that could be impacting water demands. Such factors may include growth, water conservation and efficiency, establishment of landscapes, change in land use development patterns, etc. This may be a qualitive discussion.

Section 3 – Demand Management Benefits and Goals

3.1 Benefits: This Retail WEP provides the foundation for the implementation of demand management practices that are incorporated into *Retail District's* operations, the community it serves, and in land use planning and development. The following benefits of water efficiency and water conservation have been identified by *Retail District*.

Note to Retail District: Retail Districts are to identify at least four key benefits associated with water efficiency and conservation in their service area. Such benefits may entail cost savings with future capital expenditures (e.g. down-sizing of planned pipelines, pumps, tanks, etc. in response to lower demand), operational cost savings (e.g. lower pumping costs), increased resiliency to climate change, drought resiliency, leadership and regional presence, increased sustainability, water stewardship, lower water bills for customers, reduced carbon footprint, improve watershed health, improve water quality through reduction in outdoor runoff, and meeting community expectations). Additional examples are provided in Section 3.1 of DWSD's Water Efficiency Plan which includes the demand management benefits Dominion identified as a wholesaler. The benefits should follow the format below.

1. *Benefit__ - One or two sentences describing how this benefit applies to Retail District.*
2. *Benefit__ - One or two sentences describing how this benefit applies to Retail District.*
3. *Benefit__ - One or two sentences describing how this benefit applies to Retail District.*
4. *Benefit__ - One or two sentences describing how this benefit applies to Retail District.*

This WEP also helps to set the foundation for drought response. For instance, customers that are aware of the value of water and are actively involved with water efficiency efforts are more likely to be responsive when asked to save additional water during a drought declaration. Additionally, water efficiency plays a critical role in DWSD's water savings targets. As discussed in Section 7.2 of Dominion's Drought Mitigation and Response Plan, Dominion's total demand reduction target for wholesale water during a drought declaration will be equitably distributed among its Retail Districts based on the proportion of total Dominion deliveries each Retail District receives and level of water efficiency of each individual Retail District. Generally, Retail Districts that have a higher level of water efficiency will be required to save less water on a per unit basis (e.g., water use per household) than less efficient Retail Districts during a drought declaration.

3.2 Goals: The following goals of this WEP are reflective of *Retail District's* community values and water efficiency efforts.

Note to Retail District: Retail Districts are to develop a minimum of four goals. The first goal should provide a quantitative water savings target and/or set of metrics for future water efficient development. Select one of the following relevant options.

1) *For existing and new communities with a water demand requirement below 0.75 AF/SFE, the first goal should focus on achieving the water demand requirement specified in Table 3.2* of Dominion's Water Efficiency Plan*, or a lower AF/SFE standard determined by the Retail District. The second goal should address integrating water efficiency into the planning process for non-residential development.*

   A. *Achieve the water demand requirement of ___ AF/SFE for all new development in the service area by year.*

   B. *High non-residential water use is strongly discouraged. Incorporate water efficiency into the land use planning process for non-residential development by reviewing non-residential water demand projections on a case-by-case basis prior to development and ensuring sufficient allotted supplies are available to meet projected needs.*

   C. *Add additional goal.*

   D. *Add additional goal.*

2) *For existing communities with a water demand requirement of 0.75 AF/SFE, the first goal should focus on additional savings to be achieved.* ------

   A. *Achieve chose one of following: percentage savings, AF, or thousand gallons of water savings by year relative to enter demand (AF, thousand gallons) which is an average of water demands between year* and *year. This may be accomplished by achieving an annual average* X AF/SFE water demand by *enter same year as above.*

   B. *Add additional goal.*

   C. *Add additional goal.*

Note to Retail District: Dominion's Water Efficiency Plan provides examples of qualitative goals adopted as the wholesale level in Section 3.2. Examples of additional goals Retail Districts may customize for their service area include:

- *Foster an engaging interactive coordination process between Dominion, its wholesale water provider, and its neighboring Retail Districts to exchange information and build-off each other's demand management efforts.*
- *Create a community culture of water stewardship and water efficiency that emphasizes the importance of natural resource stewardship, the value of water, and long-term sustainability.*

- *Maintain a fiscally responsible demand management program that achieves a balance of expenditures and sustained benefits.*
- *Holistically approach water and land use planning in a manner that promotes the benefits of a water efficiency and land use nexus in decision-making and operational activities.*
- *Lead by example by promoting and leveraging the demand management activities enter Retail District and DWSD and its other Retail Districts are doing to encourage a culture of water stewardship.*

Section 4 – Water Efficiency Practices

Retail District plans to implement a diverse menu of demand management practices to achieve the goals and benefits identified in Section 3. These activities are summarized in Table __ and are described in more detail below. The activities were selected by considering all the practices listed in Table __ in DWSD's Water Efficiency Plan and applying the following screening criteria: technical feasibility, public interest, environmental impact, cost-effectiveness, ability to implement given budget, staff resources and enter any additional applicable criteria.

Note to Retail District:

1. *Prior to selecting water efficiency practices, Retail Districts should review Table 5.1 Section 5.2 in Dominion's Water Efficiency Plan which provides the water efficiency practices each Retail District must consider for implementation.*

2. *The categories of practices in the table below are based on* the 2024 *Best Practices Guidebook for Municipal Water Conservation in Colorado* which can serve as a valuable resource on the specific practices associated with each of these categories. See Section__ in Dominion's Water Efficiency Plan for an example of how this table may be filled out.

3. *Retail District's DMRP's also provide a list of drought response measures during "normal" times and during drought stages. Drought response measures included in the Retail District DMRP under normal times should also be incorporated into the Retail District's WEP. See Section 5 of DWSD's Water Efficiency Plan and Appendix A of DWSD's Drought Mitigation and Response Plan for more information.*

Table __ Water Efficiency Practices

Practice	Period of Implementation	Summary Description	Additional Information Useful for Implementation
Planning and Implementation			
Measurement and Data			

Practice	Period of Implementation	Summary Description	Additional Information Useful for Implementation
Rates and Charges			
Development and Codes			
Education and Communication			
Indoor Water Use			
Outdoor Water Use			

Note to Retail District: If applicable, include the following language: The following practices that were historically implemented by *Retail District* are no longer being implemented: list the practices. *Note: Include text explaining why these practices are no longer being implemented*.

Note to Retail District: Provide descriptions for each of the practices listed in the table above. Include information that will be helpful in documenting the status of the practice and how it may be implemented during the Retail WEP planning horizon.

4.1 Planning and Implementation:

4.2 Measurement and Data

4.3 Rates and Charges

4.4 Development and Codes

4.5 Education and Communication

4.6 Indoor Water Use

4.7 Outdoor Water Use

Section 5 – Operational and Administrative Framework

5.1 Coordination with Dominion and other Retail Districts: During "normal" periods when *Retail District* is not under a drought or water shortage declaration, communication and monitoring still play an important role in drought preparedness. *Retail District* will work closely with Dominion and other Dominion Retail Districts on the exchange of monitoring information (See Section 5.3). *Retail District* will meet with Dominion and its other Retail Districts at least three times a year. During these meetings, Dominion will provide an outlook on projected climate conditions and *Retail District* will present information on its monthly demands patterns by customer sector. At a minimum, these meetings will focus on the following:

- End of January – Review of Retail Districts monthly demand patterns from previous year and projected annual demands for the current forthcoming year.
- April – Anticipated new developments, challenges, goals, etc. for the upcoming irrigation season along with an overview on demand management activities being implemented.
- October – Summary of water demand trends, demand management successes and lessons learned, any significant events that occurred over the irrigation season.

In addition to these meetings, *Retail District* is responsible for providing Dominion electronic data of its monthly customer sector demands for the previous year every January. This information informs the Water Supply Index and the allocation of Retail District water saving targets if a drought declaration occurs. If such a declaration is declared, the number of meetings and level of coordination increases relative to the drought stage. This is described in further detail in Dominion's Drought Mitigation and Response Plan.

5.2 Implementation of the WEP: Table __ below, provides a general framework for the implementation of *Retail District's* Retail WEP. It includes the general timing for implementation of the demand management practices described in detail in Section 4, over the next *enter number* years. *Retail District* will review the status of implementation halfway through the implementation period and reprioritize the timing of water efficiency activities.

Note to Retail District: The table below is an example of a WEP implementation framework for your reference purposes. A table of similar format should be included in the Retail WEP for review by Dominion. Table 6.1 in Dominion's Water Efficiency Plan provides an example showing DWSD's demand management implementation plan.

Table ___: Implementation Plan

Practice	Partners	Targeted Actions During Designated Period		
		Historical and Current Ongoing Actions Through Planning Period	Actions Specific to First Portion of Planning Period	Action Specific to Second Portion of Planning Period
			enter year - enter year	*enter year* - enter year
Planning and Implementation				
Measurement and Data				
Rates and Charges				
Development and Codes				
Education and Communication				
Indoor Water Use				

Practice	Partners	Targeted Actions During Designated Period		
		Historical and Current Ongoing Actions Through Planning Period	Actions Specific to First Portion of Planning Period	Action Specific to Second Portion of Planning Period
			enter year - enter year	*enter year* - enter year
Outdoor Water Use				

5.3 Demand Management Monitoring:

Demand management is most effective when routine monitoring and adjustments can be made to the implementation through an adaptive process. Monitoring provides the information necessary to make informed adjustments that improve the demand management program under continuously evolving conditions. The collection and organization of data is instrumental in the success of a demand management program. The following monitoring data will be collected on a monthly basis and provided to Dominion per Section 6.2 of DWSD's Water Efficiency Plan and Section 9.07 of DWSD's Rules and Regulations.

1. Monthly totals of water delivered to *enter name of Retail District* at the master meter by DWSD.
2. Total monthly metered water uses by billing customer category. This is also to include number of units (e.g. SFES or EQRs) and charges. As detailed in Section 6.12 of DWSD's Rules and Regulations customer categories should entail all customer end uses in addition to monthly construction water and estimated non-revenue water.
3. Monthly description of new non-residential customers and new irrigation that has come online.
4. Annual AWWA M36 accounting.
5. Annual status on water efficiency practices being implemented.

Tables __ below, provides an example of the data format for monitoring items 1 through 2 above.

Table ___: Monthly Demand Monitoring Data

Month Ended	DWSD Deliveries at Master Meter Vault [1]	Customer Category 1 [2]			Customer Category 2 [2]			Customer Category 3,4,5 [2]			Metered Construction Water [6]	Estimated Non-Revenue Water [7]
		Units [3]	Gallons [4]	Charges [5]	Units [3]	Gallons [4]	Charges [5]	Units [3]	Gallons [4]	Charges [5]		
Jan												
Feb												
Mar												
Apr												
May												
Jun												
Jul												
Aug												
Sep												
Oct												
Nov												
Dec												

[1] DWSD deliveries at the master meter vault
[2] Customer categories should adhere to Section 6.12 of DWSD Rules and Regulations
[3] Number of units served at the end of the month (e.g. SFE or EQR)
[4] Total monthly metered volume at customer end use
[5] Charges for metered volume at customer end use
[6] Monthly estimated non-revenue water

Appendix A – Public Comments

Note to Retail District: Include comments received from the public.

Appendix B – Resolution Adopting Retail WEP

Note to Retail District: Include copy of resolution adopting the Retail WEP.

Appendix B – Sterling Ranch CAB Water Demand Management

Sterling Ranch is at the forefront of water efficiency in Colorado where water efficiency is directly incorporated upfront into community development planning. This consists of the installation of water efficient fixtures and appliances, technology to monitor real-time water use, waterwise plantings, design and installation of efficient residential irrigation systems, dual indoor and outdoor metering, water budgets and a tiered block rate structure that incentivizes water efficiency, a waterwise system certification program for single-family residences to ensure efficient fixtures and appliances prior to occupancy, review of all residential landscape plans to ensure water efficient designs in new home inspections, and native low water use areas in parks.

Table B-1 provides a list of demand management practices that Sterling Ranch CAB is implementing which provides on-the-ground examples other Retail Districts may implement. The practices in Table B-1 coincide with many of the practices listed in Table 5.2 of Section 5 for Retail Districts to consider when developing their individual WEPs to meet water demand standards. Sterling Ranch CAB's comprehensive water waste prohibition may also be of assistance to Retail Districts. This is provided below followed by Table 5.2.

Sterling Ranch CAB Water Waste Prohibition[10]

(a) Waste of water is prohibited at Sterling Ranch, as defined by noncompliance with this article or any of the following measures:

> *(1) Water shall be used only for beneficial purposes and shall not be wasted. Prohibited water waste includes, but is not limited to:*
>
> > *a. Applying more water than is reasonably necessary to establish and maintain a healthy landscape. Routine watering of turf shall be limited to three days per week, except for watering during the Establishment Period. Car washing is permitted; however, water is not to be wasted and allowed to run into the flow line of the curb. An outside hose with a shut-off mechanism must be used so that water does not continue to run during non-wash or non-rinse activities. Water used for this purpose is part of the outdoor Water Budget.*
> >
> > *b. Watering with spray irrigation between the hours of 10:00 a.m. and 6:00 p.m. during the period from May 1 to September 30, except for the following uses:*
> >
> > > *1. Watering during the Establishment Period.*
> > >
> > > *2. Watering new plant material such as flowers, trees and shrubs on the day of planting.*
> > >
> > > *3. Watering essential to preserve turf subject to heavy pedestrian use.*
> > >
> > > *4. Operating an irrigation system for installation, repair or reasonable maintenance, so long as the system is attended throughout the period of operation.*

[10] Source: Sterling Ranch CAB Code. Article II – Water Demand Initiatives, Section 9-74

c. Continuous irrigation to any area resulting in ponding or pooling of water or runoff of water not absorbed into the ground or soil which flows away from the area being irrigated.

d. Failure to repair any irrigation system that is leaking.

e. Excessive application of water intended for irrigation to an impervious surface, such as a street, parking lot, sidewalk, or driveway or using water to wash down outdoor impermeable surfaces. Periodic cleaning of streets, parking lots, sidewalks, decks, patios, driveways, or windows, etc., is allowed as long as such cleaning does not become excessive, and will count against the annual Water Budget.

f. Letting water run unrestricted from a hose or faucet to drainage.

g. Any unapproved usage of reclaimed water.

h. Watering landscaped areas during rain or high wind.

i. Washing vehicles with a hose that lacks an automatic shut-off valve.

(2) Violations of the foregoing prohibitions will subject the Owner to additional fees and fines, in accordance with a fee schedule and fine schedule adopted by the CAB. In addition, the CAB shall also have the power to require continuing violators to install a flow restrictor or suffer termination of outdoor water service, at the CAB's discretion.

(b) These prohibitions on water waste are not related to drought response, insufficient water supply or system emergency and therefore do not constitute water use restrictions within the meaning of the CAB's various water supply agreements and environmental permits. In addition, the CAB reserves the right to impose additional prohibitions and restrictions at any time and from time to time in order to comply with the CAB's various water supply agreements and environmental permits or the requirements of any governmental or quasi-governmental entity or agency.

(c) Mandatory outdoor water restrictions.

(1) Certain Mandatory Outdoor Water Restrictions apply at all times. These include the following:

a. Maintenance or testing of an irrigation system can be performed at any time, provided there is active observation of a zone while it is operating, and each zone is turned off prior to leaving the location.

b. Hand watering is allowed at any time with a hand-held hose with an attachment such as a shut-off valve or water conserving method such as a drip, trickle, micro-spray, or deep root watering system.

c. Car washing is allowed at any time. If a hose is used, rather than a bucket, it must also be equipped with a shut-off device that prevents uninterrupted water flow.

d. Additional Outdoor Water Restrictions may be implemented by the CAB, including, but not limited to, day-of-week limits, additional limits on hours of watering, and/or limitations on run times.

(2) In the event these Restrictions are violated, fees assessed and actions taken are as follows:

VIOLATION OFFENSES AND PENALTIES

First Offense	*Warning*
Second Offense	*$50.00*
Third Offense	*$100.00*
Fourth Offense	*$250.00*
Fifth Offense	*$500.00*
Subsequent Offense	*Water Shut-Off*

Table B.1 Sterling Ranch CAB Water Demand Management Initiatives

Practice	Details
Planning and Implementation	
Dedicated staff to coordinate demand management and/or demand management is directly incorporated into land use planning and development process	Demand management is integrated with land use planning and the development process.
Routine coordination/collaboration with land use planning staff/authority	Sterling Ranch CAB's development code requires that water efficiency is embedded upfront in the community planning and development process. This process addresses both indoor and outdoor water use and landscaping.
Engage with DWSD on demand management monitoring and coordination	Sterling Ranch CAB works closely with Dominion on monitoring water demands and demand management. As described in Section 6, three meetings are held annually to review water demands and demand management with Dominion.
Routine briefing with leadership on demand management, progress, and any lessons learned	Sterling Ranch CAB's leadership is highly involved in developing a water efficient and sustainable community with a culture of water stewardship.
Measurement and Data	
End use metering	Dual end use AMI metering for both indoor and outdoor water use for both residential and non-residential.
End use AMI metering	
Dual indoor and outdoor metering	
Metering of construction water	Sterling Ranch CAB meters construction water which currently comprises a notable portion of its total water demands.
Annual audits of non-revenue water using best practices (e.g. AWWA M36 methodology)	Sterling Ranch conducts non-revenue accounting on an annual basis
Leak detection and repair	Sterling Ranch CAB requires leak detection devices upon construction of a new home and customers are able to monitor real-time water use via a phone app using the Aquahawk water monitoring program.
Meter flushing of existing pipelines	Implemented through routine operations and maintenance.
Meter flushing for new pipelines coming online	Implemented through routine operations and maintenance.
Distribution system pressure testing	DWSD performs system pressure testing on as-needed basis.
Routine meter testing and replacement program for end uses	Perform routine metering testing

Practice	Details
Water budgets	Customized indoor and outdoor water budgets have been developed for end use customers. Tiered water rates are tied to the water budgets.
Customized outdoor water budgets	Outdoor water budgets allow for flexibility to meet individual landscaping styles while achieving water efficient practices. The outdoor budget is determined by the lot size and is tied to tiered customer billing for residential and non-residential customers.
Customer water audits	Audits may be requested by homeowner (including upon resale) to ensure presence and continued operation of water demand management measures.
Target high water user customers (e.g. customers exceeding their water budget) and incentivize them to lower water use	Implemented through tiered water rates that are tied to water budgets. Customers exceeding their water budgets enter the "high customer use" category.
Leak sensors at the customer end use	All new homes are installed with a leak sensor and are designed to shut off water delivery if there is a leak.
Rates and Charges	
Conservation oriented tiered rate structure with monthly billing	Water rate structure consists of tiers tied to customized customer water budgets. Customers that exceed their water budgets enter higher tiered water rates.
Tiered water rates tied to water budgets	
Routine review of tiered water rate structure and associated rates	Sterling Ranch CAB reviews their rate structure on a routine basis.
Development and Codes	
Water demand requirement(s)	Sterling Ranch CAB adopted new water demand standards in 2021. The demand standards were developed based on an analysis of historical water use and include the standards provided in Section 3.3.1 of this Plan.
Water supply requirement	DWSD provides wholesale water to Sterling Ranch CAB under contractual arrangement.
Water waste prohibition	Code includes a water waste prohibition with fees and fines associated with violation. The code language is provided prior to this table.
Water efficient fixtures and appliances that meet or exceed WaterSense standards	Sterling Ranch CAB's code requires water efficient indoor fixtures and appliances.
SB24-005 and 25-113 - no nonfunctional turf, artificial turf, or invasive plant species on new non-residential and multi-family.	Sterling Ranch Cab meets or exceeds all requirements.

Practice	Details
Landscape code that includes best practices for efficient irrigation and water wise landscapes on residential and non-residential properties	Sterling Ranch CAB's landscape code requires efficient irrigation and waterwise landscape design and installation for all customers. Builders are required to offer waterwise landscape options for new homeowners in the front and backyard. The homeowner may opt to design and install waterwise landscape in their backyard. High water using turf is limited to functional areas.
Rear yard waterwise requirements	All residents buying a new home are required to install landscaping in their backyard. As part of homeowner orientation, these residents are offered an optional Sterling Ranch landscaping class, if they intend to install their own backyard. If hiring a landscape contractor, residents may choose from a Sterling Ranch CAB landscaper educated list. The contractors on this list have been educated by Sterling Ranch CAB on efficient irrigation, waterwise landscaping, and Sterling Ranch CAB's landscaping requirements. New residents purchasing existing homes that want to relandscape 15% or more of their landscape, are required to take the landscaping class. The landscaping class promotes efficient irrigation and waterwise landscapes. Residents are taught about how to design a waterwise landscape, are informed of the preapproved climate appropriate plant list, and receive the materials and support necessary to calculate their outdoor irrigation needs. Irrigation needs must fall within the resident's irrigation budget which is assigned by Sterling Ranch CAB based on square footage and a reasonable amount of irrigation necessary to support a combination of turf grass and waterwise landscape. Homeowners are required to submit their final landscape design along with the calculations of their outdoor irrigation needs for approval.
Landscape plan review and approval process	Review of all residential landscape plans to ensure water efficient designs in new home inspections. Includes education and monitoring of landscaping. Approval is done by the Design Review Committee which includes an Architect and licensed Landscape Architect.
Landscape and irrigation professional registration	All landscape and irrigation professionals must be registered by the Design Review Committee on an individual basis. They must also take Sterling Ranch CAB's landscaping class.
Watersense certified irrigation controllers	Irrigation controllers must meet certain requirements related to being weather based (ET) or soil based, have a minimum number of programs and start times, and be specified in landscape submittal.

Practice	Details
Plant list	Landscape plans must be developed using Sterling Ranch CAB's plant list that differentiates low, moderate, and high-water use vegetation. Planting native grasses, flowers, shrubs, and trees that produce seeds, nectar, fruit and nuts is encouraged to attract birds to the property.
Artificial turf	Landscape code allows installation of artificial turf while still requiring surrounding vegetative waterwise landscape and limits on extent of artificial turf in landscape design.
Water feature and pool requirements for residential and non-residential - require best practices to minimize waste	A pool tap fee required for swimming pools and water features exceeding 3,000 gallons. All fountains, ponds, and artificial streams must be recirculating.
Non-residential water intensive customers are required/incentivized to recycle and/or use water efficiently (e.g. all new car washes must recycle water)	Yes per code.
Coordination with DWSD on any water intensive non-residential use	Sterling Ranch CAB is in routine communication with DWSD and will address any water intensive non-residential development with DWSD Board and staff in the early planning stages.
Education and Communication	
Implementation of a customer demand management communications and messaging strategy/plan	Sterling Ranch CAB's communication strategy is interwoven throughout the customer homebuying experience which sets the stage for culture of water stewardship and water efficient communities.
Conservation and water efficiency webpage	Sterling Ranch CAB has a variety of webpages dedicated to various water efficiency practices.
Be an example - Implement and educate customers on conservation and water efficiency efforts Retail District and DWSD are doing	Routine newsletter articles, social media posts, landscape classes, the landscape expo, and individual resident touchpoints.
Informative water bill	Water bill provides detailed information on water budget and monthly water use in relation to budget
Website portal/phone app reporting real time water use	Real time water use is reported through an app available on customer's phone. This is useful in identifying leaks as well as tracking water use.

Practice	Details
Education to residents on existing water budgets and other water efficiency practices	All new home resident installing backyard landscaping on their own or are replacing over 15% of their existing landscaping are required to take a Sterling Ranch CAB landscaping class. The class educates the homeowner on estimating their landscape needs to ensure they are within their allotted water budget based, addresses water rates and how they work in conjunction with their water budget, provides education on irrigation equipment, and also addresses water waste. Builders are also required to educate customers (see below). This fosters a community culture of water stewardship.
Targeted education for non-residential field technicians and managers responsible for water use	Field technicians and managers hired by Sterling Ranch CAB must be knowledgeable of water efficient practices.
Promote efficient water use and importance of not wasting water (water waste prohibition)	Covered in landscaping class taken above and reinforced among culture in community. Residents may report water waste if observed.
Instructional handouts, videos, fact sheets, etc.	Guidebooks of approved landscaping practices and plantings developed in partnership with Denver Botanic Gardens are available.
Install and promote demonstration garden(s) on Retail District property	Waterwise landscaping is on public spaces throughout Sterling Ranch CAB communities
Landscape classes for residents purchasing new homes and resale homes	Sterling Ranch CAB requires landscaping classes for residents landscaping their back yard on their own and for residents that are redoing their landscaping for over 15% of their yard. See “Rear yard waterwise requirements” above for more details.
Builder educational requirements	Builders are required to educate home buyers on Sterling Ranch CAB's water use rate structure and clearly identify the water budget remaining for portions of the landscape not installed by the builder
Irrigation controller and irrigation scheduling support	Ongoing customer outreach and education to support customers’ use of irrigation controller technology to manage their water use and bills.
Explore existing local efforts and opportunities to connect customers to water wise certified landscape professionals	All landscape and irrigation professionals must be registered by the Design Review Committee on an individual basis.
Target outreach to school age children	Routine outreach is provided to school age children.
Promote waterwise landscape resources	Implementing through landscape class (see description above in this table).
Partner with DWSD on education and communication efforts where beneficial	Sterling Ranch CAB partners with DWSD on outreach to the local, regional, and national water community on Dominion and Sterling Ranch CAB's proactive approach to water efficiency.

Appendix C – Dominion Water Rates

ATTACHMENT A-1
DOMINION WATER & SANITATION DISTRICT
WATER RESOURCE, WATER INFRASTRUCTURE AND SEWER TAP FEES FOR STERLING RANCH COMMUNITY AUTHORITY BOARD
TO BE EFFECTIVE AS OF JANUARY 1, 2026

Description		2026 Tap Fee
WATER RESOURCE FEE		
Customer Class Type		
Residential		
Multifamily (Indoor Meter Only)	$	6,150
Single Family Attached / Townhome	$	9,310
Single Family Detached – Lot Size < 5,000 SF	$	9,870
Single Family Detached – Lot Size 5,000 SF or Greater	$	12,960
Pool		***
Non-Residential		
Non-Residential (per Single Family Equivalent)*	$	17,450
Irrigation Non-Residential (per Acre Foot) **	$	53,360

Notes:
* Non-Residential Water Resource Fee for .35 acre-feet of estimated usage. Actual fee to be determined on a case-by-case basis based upon projected indoor/outdoor water use requirements.
**Fee to be based on square footage of landscape type installed and projected usage.
***Fee to be calculated based upon size and projected usage.

WATER INFRASTRUCTURE FEE			
Meter Size	**Meter Capacity Ratio**		
Residential			
Single Family Attached / Townhome and Multifamily / Apartments (Individually Metered) (per Unit)	0.67	$	16,890
Single Family Detached (per Unit)	1.00	$	25,200
Pool Tap *			*
Non-Residential, Irrigation and Multifamily / Apartments (Master Metered)			
5/8"	0.67	$	16,890
3/4"	1.00	$	25,200
1"	1.67	$	42,090
1-1/2"	3.33	$	83,920
2"	6.67	$	168,090
3"	16.67	$	420,090
4"	33.33	$	839,920
6"	66.67	$	1,680,090

Notes:
* Fee based upon tap size.

SEWER TAP			
Meter Size	**Meter Capacity Ratio**		
Residential			
Single Family Attached / Townhome and Multifamily / Apartments (Individually Metered) (per Unit)	0.67	$	7,580
Single Family Detached (per Unit)	1.00	$	11,310
Pool Tap *			*
Non-Residential, Irrigation and Multifamily / Apartments (Master Metered)			
5/8"	0.67	$	7,580
3/4"	1.00	$	11,310
1"	1.67	$	18,890
1-1/2"	3.33	$	37,670
2"	6.67	$	75,440
3"	16.67	$	188,540
4"	33.33	$	376,970
6"	66.67	$	754,040

Notes:
* Fee based upon tap size.

General Notes:
Water Resource, Water Infrastructure and Sewer Tap Fees for customers other than the Sterling Ranch Community Authority Board shall be determined on a case-by-case basis through a Rate Study

ATTACHMENT A-1 (CONTINUED)
DOMINION WATER & SANITATION DISTRICT
WHOLESALE WATER AND SEWER SERVICE RATES FOR STERLING RANCH COMMUNITY AUTHORITY BOARD
TO BE EFFECTIVE AS OF JANUARY 1, 2026

WHOLESALE WATER RATES		2026 Rates
Residential/Commercial		
Monthly Fixed Rate		
Single Family Detached and Attached (per Unit)	$	62.20
Single Family Attached / Townhome and Multifamily (Indoor Only) (per Unit)	$	41.70
Multifamily - Apartments (per EQR)	$	62.20
Commercial / Irrigation / Nonresidential (per EQR)	$	62.20
Volumetric Rates		
Winter Rate (November - April per 1,000 gallons delivered)	$	6.35
Summer Rate (May - October per 1,000 gallons delivered)	$	7.65
Irrigation		
Monthly Fixed Rate (per EQR)	$	62.20
Volumetric Rate (per 1,000 gallons delivered)	$	8.00
Construction Water		
Volumetric Rate (per 1,000 gallons delivered)	$	13.10

WHOLESALE SEWER RATES		2026 Rates
Residential/Commercial		
Monthly Fixed Rate		
Single Family Detached and Attached (per Unit)	$	25.00
Single Family Attached / Townhome and Multifamily (Indoor Only) (per Unit)	$	16.80
Multifamily - Apartments (per EQR)	$	25.00
Commercial / Nonresidential (per EQR)	$	25.00
Volumetric Rate (per 1,000 gallons)	$	7.90

Notes:
(1) Rates for services to be provided to customers other than the Sterling Ranch Community Authority Board shall be determined on a case-by-case basis through a rate study
(2) Wholesale Water Rates are subject to a Water Shortage Surcharge during times of a Drought or Shortage as defined in Dominion's Rules and Regulations

Appendix D – Materials Distributed During Public Review Period

Posting of WEP on Dominion's website.



Draft Water Efficiency Plan

Dominion Water & Sanitation District (DWSD), our water supplier for Sterling Ranch, is seeking feedback:

"Dominion Water & Sanitation District (Dominion) has completed a Draft Water Efficiency Plan that sets the standards for our customers in using water in the most efficient and sustainable manner possible. The Plan leverages the solid water efficiency practices implemented throughout Sterling Ranch and sets the permanent demand management standard for Dominion's existing and future customers.

The Plan was developed in part through a water plan grant from the Colorado Water Conservation Board (CWCB) and is accordance with the state of Colorado's water conservation planning guidelines.

We are asking for your support in reviewing the Plan and providing comments by June 10th for consideration and potential incorporation in the Plan. In addition, Dominion will be providing additional information at the upcoming Sterling Ranch CAB meeting on May 19, 2026, where verbal comments will also be accepted and considered for incorporation."

Click here to read more and give feedback on the DWDS website.

Flyer Distributed During Sterling Ranch Public Meeting

SMART WATER USE. STRONGER COMMUNITY.

Dominion's Water Efficiency Plan is designed to help protect our water future while supporting a thriving, resilient community.

What This Means for Your Household

- Lower long-term water costs through smart planning
- Reliable water resources during dry years
- Beautiful, water-wise neighborhoods, and landscaping
- Practical conservation tips and community resources
- Responsible growth that protects our shared water future

Already Delivering Results

Dominion and Sterling Ranch already achieve some of the lowest per-home water use rates in Colorado — demonstrating that water efficiency and quality of life can go hand in hand.

Have Questions or Want to Share Feedback?

Residents are invited to review the Water Efficiency Plan and submit comments.

Comments due: June 10th

Visit: www.dominionwsd.org

Together, we can build a sustainable water future for our community.



DWSD

STERLING RANCH COMMUNITY AUTHORITY BOARD

Appendix E – Resolution Adopting Plan

RESOLUTION OF THE BOARD OF DIRECTORS OF DOMINION WATER & SANITATION DISTRICT ADOPTING WATER EFFICIENCY PLAN

WHEREAS, Dominion Water & Sanitation District (the "**District**") is a quasi-municipal corporation and political subdivision of the State of Colorado, duly organized pursuant to §§ 32-1-101, *et seq*., C.R.S.; and

WHEREAS, pursuant to § 32-1-1001(1)(h) C.R.S., the Board shall have the management, control and supervision of all the business and affairs of the District; and

WHEREAS, pursuant to the authority contained in Title 32, Article I, Part 10, C.R.S., and §29-1-203, C.R.S., the District has the authority to establish rules and regulations from time to time; and

WHEREAS, water is finite and wasteful use can have a significant impact on the District's available water supplies, the District desires to encourage water efficient practices; and

WHEREAS, water efficiency practices are intended to preserve essential public services and minimize the adverse effects of a water supply shortage on the District's customers; and

WHEREAS, the Board of Directors of the District wish to adopt a drought mitigation and response plan (the "**Water Efficiency Plan**") that provides the benefits and goals of efficient practices and conservation measures to be taken to avoid, minimize, or encourage water savings practices.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE DISTRICT AS FOLLOWS:

1. Incorporation of Recitals. The above recitals are hereby incorporated into and made a part of this Resolution.

2. Adoption of Water Efficiency Plan. The District hereby adopts the Water Efficiency Plan set forth in **Exhibit A**, attached hereto and incorporated herein.

3. Severability. If any portion of this Resolution is declared by any court of competent jurisdiction to be invalid, void or unenforceable, such decision shall not affect the validity of any other portion of this Resolution which shall remain in full force and effect, the intention being that such portions are severable. In addition, in lieu of such void or unenforceable provision, there shall automatically be added as part of this Resolution a provision similar in terms to such illegal, invalid or unenforceable provision so that the resulting reformed provision is legal, valid and enforceable

ADOPTED October 20, 2026.

DISTRICT:

DOMINION WATER & SANITATION DISTRICT, a quasi-municipal corporation and political subdivision of the State of Colorado

By: DocuSigned by: John Ostermiller 5093A8015D784D4...
John Ostermiller, Officer of the District

Attest:

By: Signed by: 24537AB811BD46E...
Andrea Cole, General Manager