

Appendix G

TRI General Improvement District Source Water Protection Plan

Contact TRI-General Improvement District for review.



Executive Summary

The TRI-General Improvement District Source Water Protection Plan (TRI-GID Plan) outlines ways in which the community plans to safeguard public drinking water sources. Source water in Nevada is defined as untreated water from streams, rivers, lakes, springs, or underground aquifers that is used for public drinking water supplies. Protecting source water in Storey County is a long-standing practice, and this TRI-GID Plan was developed to support the County-wide efforts that ensure safe and sustainable drinking water supplies for all Storey County's residents and businesses.

The Nevada Division of Environmental Protection, Bureau of Safe Drinking Water, administers the Integrated Source Water Protection Program (ISWPP). The ISWPP is a voluntary, non-regulatory program that assists communities in developing a local plan to prevent the contamination of public drinking water supplies. In 2023, the TRI-GID Board of Trustees and the Storey County Board of Commissioners authorized participation in the program. Storey County's public water systems, local governments, and local stakeholders came together to complete the Community Source Water Protection Plan for the Public Water Systems in Storey County (County-Wide Plan). This TRI-GID Plan fits under the umbrella of the County-Wide Plan to address specific source water protection needs in the Tahoe Reno Industrial Center and adjacent areas.

Groundwater is the only source of public drinking water currently being utilized by TRI-GID. A combination of groundwater modeling and an assessment of potential contaminant sources, activities that could pose a risk to water quality, was conducted and reviewed by the Team. The information was mapped and utilized to delineate Source Water Protection Areas (Appendix A of the County-Wide Plan). Subsequently, strategies to accomplish source water protection within the community were developed:

- Interagency Collaboration,
- Planning and Coordination,
- Spill Response and Cleanup,
- Education and Outreach, and
- Emerging Contaminants.

To guide implementation of these strategies, specific activities are outlined in the Action Plan (Attachment A of this TRI-GID Plan, and Appendix B of the County-Wide Plan). A County-wide Education Plan (Appendix C of the County-Wide Plan) outlines County-wide and TRI-GID specific source water protection education. These voluntary actions can be implemented as technical and financial resources become available.

To ensure continued effectiveness, this TRI-GID Plan should be reviewed bi-annually, or as needed to address changing conditions. This document serves the community as a tool to foster collaboration between water purveyors, local and regional partners, and community members to protect the quality of present and future drinking water sources in Storey County.

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- Attachment A TRI-GID Action Plan
- Attachment B TRI-GID Capture Zone Report*
- Attachment C TRI-GID Water Source Worksheets*
- Attachment D TRI-GID Potential Contaminant Source Report*
- Attachment E TRI-GID Potential Contaminant Source Inventory*

**Contains Sensitive Information, contact TRI-GID for review.*

Acronyms & Abbreviations

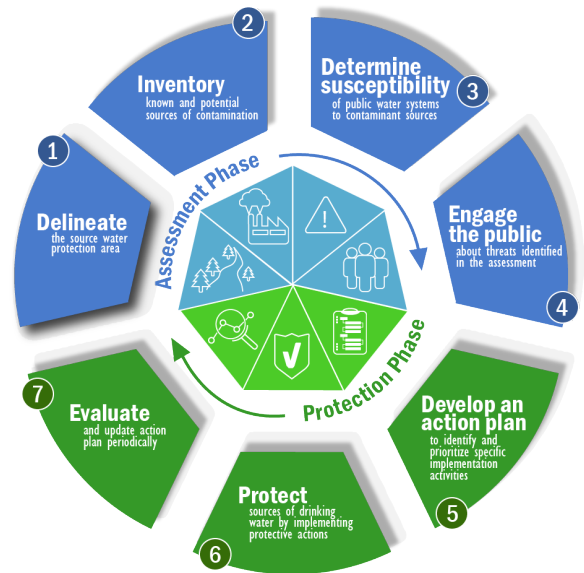
Acronym/ Abbreviation	Definition
BSDW	Bureau of Safe Drinking Water
County-Wide Plan	Storey County Community Source Water Protection Plan
EPA	United States Environmental Protection Agency
ISWPP	Integrated Source Water Protection Program
NDEP	Nevada Division of Environmental Protection
PCSs	potential contaminant sources
SWPAs	source water protection areas
Team	Storey County Local Planning Team
TRI-GID Plan	TRI-General Improvement District Plan
USGS	US Geological Survey

1.0 Introduction

1.1 Source Water Protection

Source water protection is a community’s way of safeguarding all present and potential future drinking water sources, including groundwater, wellheads, and watersheds. Source water protection is centered around collaboration, where State and federal agencies and programs, drinking water utilities, communities, businesses, landowners, and stakeholders can work together to develop strategies to protect drinking water sources on the ground, at the local level.

In the State of Nevada, source water is untreated water originating from rivers, lakes, streams, springs, or underground aquifers, serving both public drinking water systems and private wells. Nevada’s Integrated Source Water Protection Program (ISWPP) is funded by the United States Environmental Protection Agency (EPA) and administered by the Nevada Division of Environmental Protection (NDEP), Bureau of Safe Drinking Water (BSDW). Nevada’s ISWPP is a voluntary program aimed at building local partnerships to safeguard community drinking water sources, and the State advocates for the belief that an effective source water protection plan is best developed and managed at the local level.



1.2 Plan Vision and Goals

This TRI-GID Source Water Protection Plan (TRI-GID Plan) serves as an active tool for the coordinated protection of TRI-GID’s public drinking water sources. Operated voluntarily under local jurisdiction and control, this TRI-GID Plan utilizes guidance and criteria from both the EPA and NDEP to seek State endorsement. Once endorsed by NDEP, TRI-GID may benefit from State funding and assistance for projects outlined in the Action Plan (Attachment A).

TRI-GID is a participating member of the Storey County Source Water Protection Local Planning Team (Team). To ensure coherence in County-wide efforts to protect and preserve water quality, one Source Water Protection Plan Vision and several Goals were created by the Team. The Goals, described in Table 1, signify a collaboration among Storey County’s water purveyors, agencies, industries, and community leaders that will serve to guide the County- and community-wide implementation of TRI-GID’s Source Water Protection Plan.

Table 1. Plan Vision and Goals

County-Wide Community Source Water Protection Plan Vision	
Ensure safe and sustainable drinking water sources for all residents and businesses.	
County-Wide Community Source Water Protection Plan Goals	
Goal 1 – Protect the quality of present and future drinking water sources.	Goal 2 – Preserve the quality and quantity of water sources for existing and proposed development.
Goal 3 – Consider risks to drinking water sources in Emergency Planning.	Goal 4 – Engage water users, stakeholders, and businesses about source water protection and participation.

1.3 Description of Planning Area

In Nevada, the U.S. Geological Survey (USGS) and the Nevada Division of Water Resources have divided the State into 232 Hydrographic Areas within 14 major Hydrographic Regions for water planning and management purposes. These areas facilitate the understanding and management of water resources throughout the State. The majority of the TRI-GID service area is located in the Tracy Segment, which is bounded by the Virginia Range to the south and the Pah Rah Range to the north. (Figure 1).

The Tahoe Reno Industrial Center is currently the largest industrial park in the world, encompassing approximately 70,000 acres of existing development and land use designation, with a total land ownership of 107,000 acres (Storey County, 2023). TRI-GID provides potable water, reclaimed water, and wastewater services to its customers in the industrial area (TRI-GID, 2023). In addition, there are three privately owned public water systems, where each facility supplies its own drinking water (SDWIS, 2023):

- Asia Union Electric Chemicals Reno,
- EP Minerals LLC Clark, and
- Mars Petcare US Inc.

Asia Union Electric Chemicals Reno, Mars Petcare US Inc., and EP Minerals were included in the source water protection area delineation methods for this TRI-GID Plan (Section 2.0) due to their proximity to TRI-GID facilities and water sources.

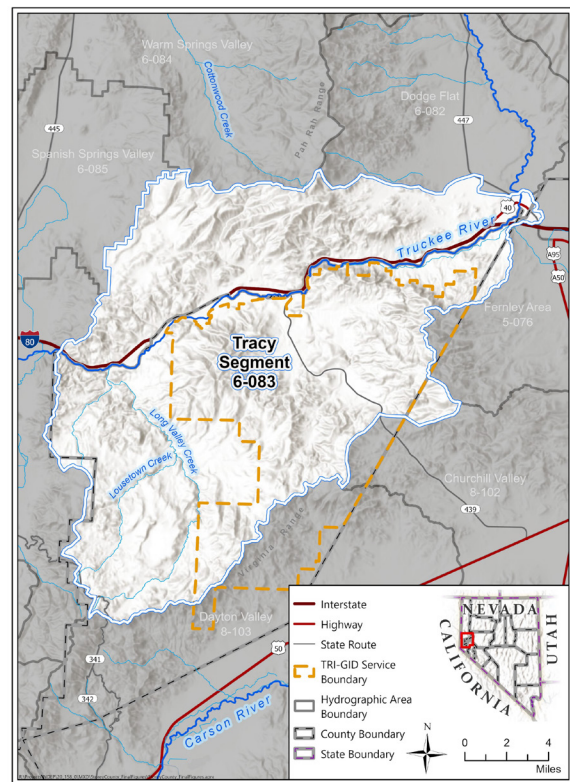


Figure 1. TRI-GID Service Area in Tracy

1.4 TRI-GID Local Contacts

A successful source water protection plan requires the participation and support of all jurisdictional authorities that affect land use practices in or around drinking water sources. Due to the active and ongoing nature of the ISWPP, the local contacts and membership of the Team are expected to change over time. Table 2 lists the current local contact information for this TRI-GID Plan.

Table 2. TRI-GID Local Planning Team

Team Member	Jurisdiction/Title	Roles
Kathy Canfield	Planning Manager, Storey County	Source water protection planning, land use planning, and development review.
Jay Carmona	President, TRI-GID Board	Community liaison.
Ozward Henke	Technical Services Manager, TRI-GID	TRI-GID operations and administration.
Ethan Mason	ISWPP Coordinator, NDEP, Bureau of Safe Drinking Water	Plan development guidance.
Shari Whalen	General Manager, TRI-GID	TRI-GID water system design, operations, and source water protection implementation.
Resource Concepts, Inc.	Integrated Source Water Protection Technical Assistance Contractor	Plan coordination and technical assistance.

2.0 Source Water Protection Area Delineation

A source water protection area is a community-established boundary around a drinking water source where the long-term sustainability and safety of a water supply is prioritized. These areas are typically established to prevent man-made contamination of the water source by implementing various measures, such as pollution prevention tactics, regional collaboration, and education. The following sections outline the source water protection area delineation for the TRI-GID Source Water Protection Plan. County-Wide Source Water Protection Area Maps are organized by jurisdiction and can be accessed in Appendix A of the County-Wide Plan.

2.1 Source Water Description

TRI-GID's drinking water is sourced from groundwater in the Tracy Segment, which is the result of 240 million years of tectonic, volcanic, and fluvial processes. These processes, discussed in detail in Attachment B, formed the aquifers that currently store the drinking water supply for the TRI-GID service area. The majority of groundwater in the Tracy Segment is found in the permeable bedrock (Thodal et al., 2006), and all of TRI-GID's wells are drilled into fractured rock, either of volcanic or granitic origin.



TRI-GID has eight active wells and two future wells that were considered during this planning effort. All existing public water system wells and anticipated future well locations were considered in the planning effort to ensure source water quality protection of public water sources. The water source inventory is briefly described in Table 3 and further details are included in the Water Source Worksheets as Attachment C. Attachment B and Attachment C contain sensitive information. Contact TRI-GID for review.

Table 3. TRI-GID Water Source Inventory

Modeling Area	Public Water System Name and Number	State ID / Local Water Source Name	Aquifer Type
Northwest	NV0000913 TRI-GID	W01 / Well 1 W02 / Well 2 W03 / Well 3	Permeable Basalt ^{1/}
	NV0000879 Asia Union Electronic Chemicals Reno	W01 / Well 1	
	NV0000878 Mars Petcare US Inc.	W01 / Well 1	
Southeast	NV0000913 TRI-GID	W04 / Well 4 W05 / Well 5 W06 / Well 6 W07 / Well 7 W08 / Well 8 Denmark Drill Pad Switch Dill Pad	Permeable Bedrock ^{2/}

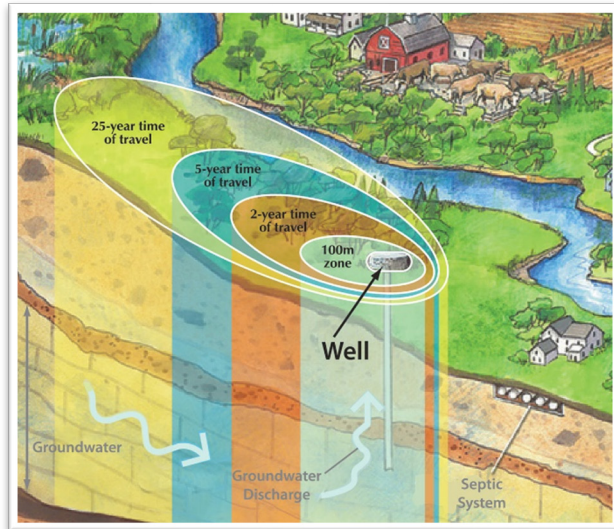
^{1/} Permeable Basalt inferred from USGS Aquifer Tests less than one mile from water sources, well logs, and 0913W03 2020 short duration pump test (Farr West, 2020).

^{2/} Permeable Bedrock inferred from well logs and 0913 W04, W05, and W06 short duration pump tests (Farr West, 2020)

2.2 Capture Zone Calculations

Capture zones are important for delineating and visualizing the portion of an aquifer that contributes water to a well within a given period of time. Groundwater protection involves modeling to establish time-of-travel capture zones around drinking water wells, which generally assume steady-state groundwater flow and average groundwater travel times.

The EPA’s Wellhead Analytic Element Model (WhAEM version 3.3.2, 2018) is an open-source groundwater model designed to facilitate capture zone delineation and protection area mapping for public water supplies in the United States. WhAEM was used to estimate the 2-, 5-, and 10-year time-of-travel capture zones for the modeling areas described in Table 3. The time-of-travel capture zones represent the average time that particles are expected to travel in the aquifer from a given point to a pumping well.



It is important to note that the application of the WhAEM2000 computer model represents the conceptual analysis of local groundwater hydrology and is not intended to “simulate” the more complex dynamics of an aquifer. Detailed model development and capture zone maps are contained

in the Capture Zone Report found in Attachment B of this TRI-GID Plan. Attachment B contains sensitive information. Contact TRI-GID for review.

2.3 Potential Contaminant Source Inventory and Evaluation

The identification of potential contaminant sources (PCSs) in the vicinity of existing wells is a critical component of this program. Accurate knowledge of the potential threats to groundwater quality assisted TRI-GID in the development of strategies to reduce the risk of future contamination. An inventory of PCSs was compiled using online databases, meetings with water system operators and County planners, and field surveys of the surrounding area.

The Tahoe Reno Industrial Center is a newly expanding industrial center where residents adhere to high standards in design, operation, and environmental responsibility. Based on Team input and an inventory of current facilities, the potential contaminant source concerns in this community include:

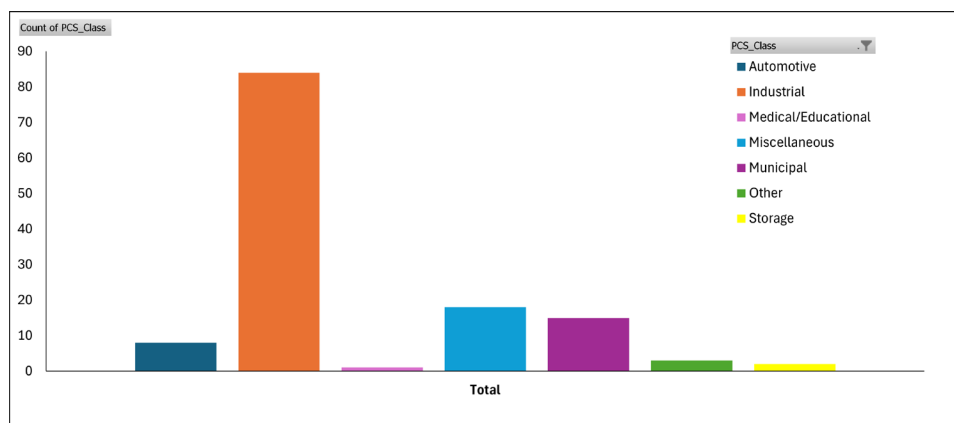
- Chemical Storage and Handling,
- Transportation Activities,
- Spill Response and Cleanup,
- Waste Management, and
- Stormwater Runoff and Infiltration.

Businesses in the area understand that environmental responsibility, particularly as it pertains to water resources in Nevada. TRI-GID works with its customers to promote an industrial culture that protects and preserves water resources for the future of economic development in Storey County.

A chart of PCSs in the community is presented as Chart 1. Chart 1 represents the PCSs at the time of Plan development, and the PCSs are organized by Class (Attachment D). A comprehensive description of the data sources, methods, and results of the inventory are presented as Attachment D and E. Attachment D and E contain sensitive information. Contact TRI-GID for review.

Given the dynamic nature of industrial development in the area, the PCS inventory should be updated annually, beginning one year after State endorsement of the County-Wide Plan. The completion of this review should be performed by the Manager of TRI-GID, with the assistance of the ISWPP.

Chart 1. Potential Contaminant Source Classes



2.4 Source Water Protection Area Description

Source water protection involves managing human activities to prevent contaminants from entering drinking water sources. Source Water Protection Areas (SWPAs) are designated boundaries established by communities to safeguard water quality. Within SWPAs, activities such as education around water quality protection through management practices, planning and coordination, and prompt spill response can help manage water resources effectively. The delineation of SWPAs for this TRI-GID Plan was driven by estimated time-of-travel capture zones, anticipated future development in the Tahoe Reno Industrial Center, and the potential contaminant source inventory. Two levels of management areas were developed for source water protection by the Team:

- 1) ***Time-of-Travel Source Water Protection Areas:*** set by the community to protect the quality of present and future water sources for all residents and businesses served by public water systems in the area.
- 2) ***Watershed Source Water Protection Areas:*** aim to ensure that present and future development will have an adequate water supply that meets safe drinking water standards to secure the future of economic development in Storey County.

TRI-GID's final SWPAs for each area are presented as Figure 2 and Figure 3, and associated characteristics and relative management needs are outlined in Table 4. The SWPAs are also included as maps in Appendix A of the County-Wide Plan.

Figure 2. TRI-GID Northwest Source Water Protection Areas

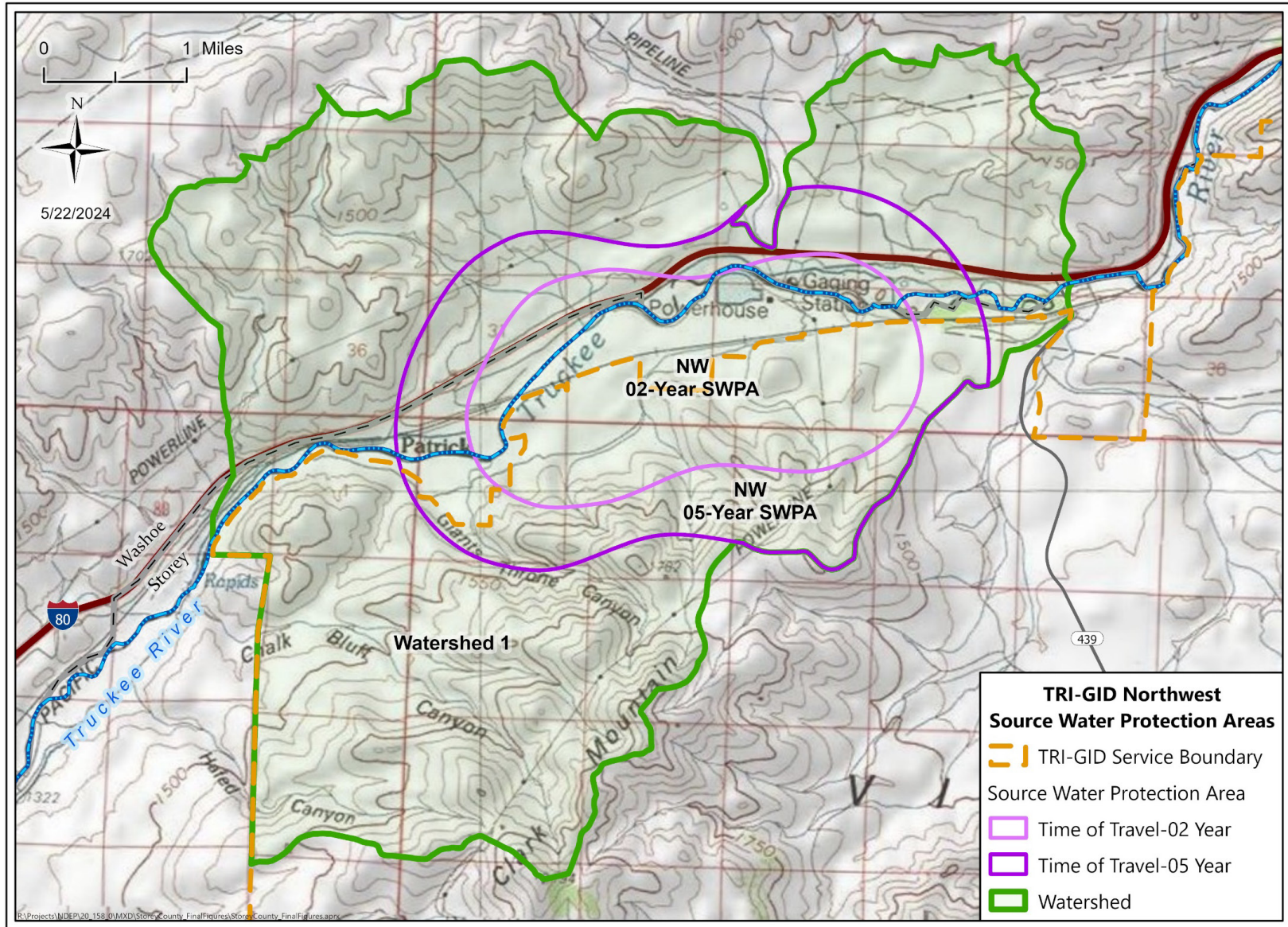


Figure 3. TRI-GID Southeast Source Water Protection Areas

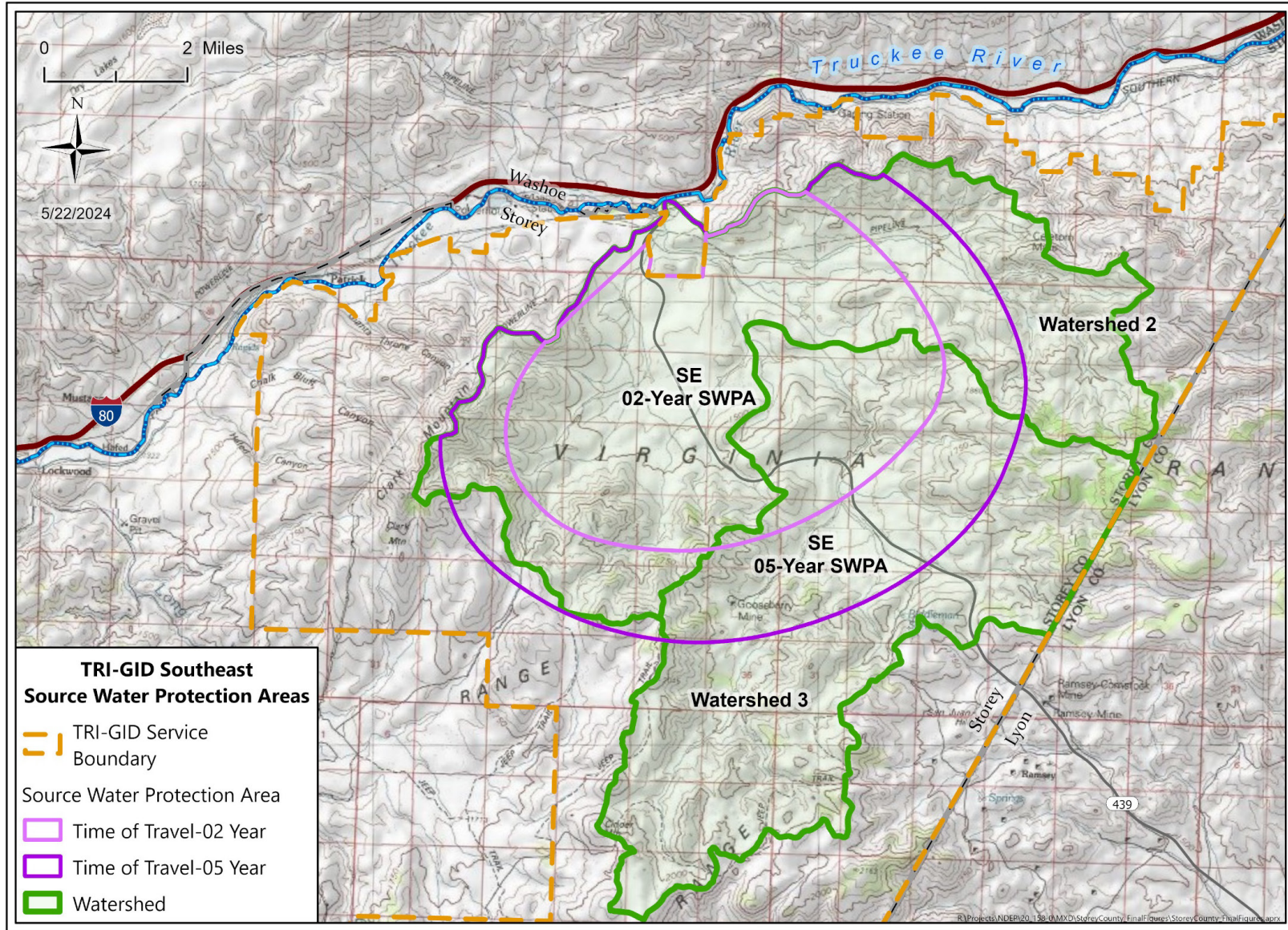


Table 4. TRI-GID Source Water Protection Area Descriptions

Source Water Protection Area Name	Description
NW 2-Year SWPA SE 2-Year SWPA	Within the calculated 2-year time-of travel to a public water system well, potential contaminant sources without regulatory oversight are a high priority for local source water protection implementation. The 2-Year SWPA includes existing and proposed activities where prompt spill response and cleanup communication is essential for protecting water quality. The 2-Year SWPA is an area where planning and coordination through proactive collaboration with the County and customers could ensure that potential contaminant sources are suitably managed to prevent releases to the environment and to protect water sources.
NW 5-Year SWPA SE 5-Year SWPA	The calculated 5-year time-of travel to a public water system well addresses risks to water quality and long-term sustainability goals. The 5-Year SWPA is an area where education for TRI-GID customers about water quality best management practices should be prioritized. The SWPA strikes a balance between short-term protection needs and long-term planning considerations, allowing for future updates to protection measures as needed.
Watershed 1 Watershed 2 Watershed 3	Activities within these watershed boundaries represent the potential for future industrial development in the area. The Tahoe Reno Industrial Center is zoned I-2 Heavy Industrial, and all utilities are built to sustain industrial capacity. Given the complexity of contaminant transport in a fractured rock aquifer, the broader watershed area boundaries can work to inform future customers about the long-term risks to water quality from releases on the ground surface. The areas can give the community and the County references to identify and manage potential contaminant sources within Storey County’s local planning framework and support implementation of the Storey County Master Plan (Chapter 10, Goal 6, Objective 1). County-wide education will ensure that clean and safe drinking water is available for the benefit of a booming economy.

2.4.1 Contingency Measures

Contingency measures are crucial for preparing a public water system to manage potential long-term water contamination events or disruptions in supply. The main goal of contingency measures is to protect the public water supply system immediately and in the long term. This involves identifying critical personnel, equipment, procedures, and materials needed to address environmental emergencies swiftly. Plans typically include rapid response protocols, notification procedures, and containment strategies for incidents directly impacting the water source. Nevada's regulations require both short- and long-term contingency plans to effectively manage water quality and quantity impacts. These plans provide interim relief for public water systems during emergencies until permanent solutions are implemented. TRI-GID’s Contingency Plans are listed in Table 5.

Table 5. TRI-GID Contingency Plans

TRI-GID Contingency Plans	
TRI-GID Conservation Plan (June 2024)	TRI-GID Water Resource Plan (June 2024)
TRI-GID Operations and Maintenance Manual	TRI-GID Emergency Response Plan (June 2024)
TRI-GID Cross Connection Control Policy (May 2020)	TRI-GID Reservoir Emergency Response Plan (2021)

2.4.2 Management Strategies

Source water protection management strategies encompass various measures aimed at supporting the goals outlined in Section 1.2. Source water protection goals can be considered what Storey County as a whole, and what TRI-GID as a community, are striving to achieve. The management strategies support and divide the goals into simple and practical approaches that lead to implementation. The management strategies were developed and prioritized by the Team to mitigate the risk of contamination to Storey County's drinking water sources. TRI-GID's management strategies, outlined in Table 6, bloomed from the County-Wide strategies, but specifically consider TRI-GID's source water protection area delineations, the potential contaminant source inventory and evaluation, and the potential for future industrial customers where service area expansion is possible. TRI-GID's management strategies will be enacted through Action Plan implementation (Section 3.1).

Table 6. TRI-GID Management Strategies

Interagency Collaboration

The cornerstone of effective source water protection and supports comprehensive water quality management of source water. TRI-GID will consider participating in a regional approach to water resource management with a focus on protecting and improving water quality.

Planning and Coordination

Supports consistency in county- and community-wide policies that consider future growth and potential new threats to source water. TRI-GID would continue to work with Storey County to preserve the quality of water sources for existing and proposed development in the area.

Spill Response and Cleanup

TRI-GID is interested in working with Storey County Emergency Management and customers to ensure that emergency actions are well-coordinated and that resources are mobilized promptly to protect TRI-GID's water quality and public health.

Water Quality Best Management Practices

Best management practices are a proactive approach to the protection of source water, outlining practical and effective methods to prevent ground and surface water contamination. TRI-GID is considering implementing several actions that could increase the implementation of BMPs across the industrial community.

Education And Outreach

TRI-GID understands that source water protection can only thrive when the community embraces the mission. Empowerment through knowledge can give TRI-GID's customers the tools they need to implement innovative solutions that work to protect their most important resource, their drinking water.

Emerging Contaminants

Emerging contaminants represent a significant concern for source water due to the potential impacts on human health and the environment. TRI-GID is working proactively to implement solutions that address emerging contaminant concerns to ensure safe and sustainable drinking water for all its customers.

3.0 Plan Implementation

3.1 Action Plan

The implementation of a source water protection plan is realized through the Action Plan (Attachment A), which outlines the actions that TRI-GID has set forth to achieve its source water protection goals. TRI-GID's actions are categorized according to management strategy, and they were designed based on source water protection area delineations, the potential contaminant source inventory and evaluation, regional cooperation, education, and emergency spill response. Each project is detailed with regard to its description, prioritization, designated lead, type of required support, and projected timeline for execution.

The implementation of the Action Plan is contingent upon the availability of resources, prioritization of projects, and access to necessary funding. Projects will progress as financial and temporal resources permit. To achieve these ends, the TRI-GID anticipates leveraging support through diverse partnerships and technical assistance from the ISWPP. County-wide action plan information regarding potential funding avenues to support these initiatives is listed in Appendix B of the County-Wide Plan.

3.2 Public Education and Participation

Public education and participation for TRI-GID's customers is an integral component of source water protection implementation. The ISWPP program emphasizes a voluntary, community-based approach that involves local stakeholders, community leaders, public water systems, residents, and businesses. By actively targeting specific source water protection education to TRI-GID's customers, this Plan aims to promote community-driven best management practices to protect water quality in perpetuity.

The Education Plan, Appendix C of the County-Wide Plan, includes various messages that highlight the importance of source water protection, and the actions individuals can take to safeguard drinking water sources. These messages serve as key communication points to empower the public to contribute to source water protection efforts to engage water users, stakeholders, and businesses about source water protection and participation. The following key messages highlight the education focus for TRI-GID:



What contaminates the water we drink?

There are numerous pollutants that can contaminate both surface and groundwater. Some contaminants result from the improper disposal of common household products, such as cleaning products, waste oil, pet waste, fertilizers, and pesticides – when improperly used, stored, or disposed of, they can pose a risk to your drinking water. Emerging contaminants include a wide range of chemical compounds, industrial pollutants, and human by-products that have been making their way into our water ways for generations. Recent studies have shown that measurable quantities of these contaminants exist within our sources of drinking water, making local industries, businesses, and residents important participants in source water protection efforts.



How can businesses participate in source water protection?

By actively participating in community-driven source water protection efforts, such as spill response and cleanup, communication regarding water quality best management practices etc., businesses can demonstrate environmental stewardship, enhance corporate social responsibility, and contribute to the long-term sustainability of water resources for present and future generations.

3.3 Source Water Protection Plan Updates

This TRI-GID Plan prioritizes flexibility and community involvement, and encourages not only jurisdictional, but county-wide efforts to protect water quality. It originates from a shared commitment to unite Storey County around the vision of *ensuring safe and sustainable drinking water for all residents and businesses*. With achievable goals and strategies, it seamlessly integrates source water protection into local and county-wide planning efforts. Regular updates to this Plan, scheduled annually or as new information arises, reflect TRI-GID’s dedication to a sustainable water future to secure the economic future of Storey County.

4.0 References

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Attachment A

TRI-GID Action Plan

The Action Plan for this TRI-GID Plan was crafted to fulfill the goals outlined in the Community Source Water Protection Plan for Public Water Systems in Storey County (County-Wide Plan). The management strategies, detailed in Section 2.4.2 of this TRI-GID Plan, were formulated by the County-Wide Team to align with the source water protection goals. The Action Plan, created to outline how the source water protection goals might be achieved, includes actionable and realistic measures organized by management strategy, such as education and outreach. The actions are designed for practical implementation to preserve the quality of drinking water for existing and proposed development.

TRI-GID's Plan evolved throughout the development of the County-Wide Plan. Each action includes a description, priority, project lead, type of assistance needed, and expected implementation year. Implementation is dependent upon resource availability and the actions will be carried out as funding and time allows. Potential funding sources can be used to assist in Action Plan implementation, and a list of potential funding sources is outlined in Appendix B of the County-Wide Plan.

TRI-GID benefits from building relationships and leveraging resources regionally, within the TRI-Center, and throughout the County. Recognizing that clean drinking water is the foundation of any economy, the Action Plans in Appendix B of the County-Wide Plan highlight Storey County's commitment to protecting and preserving drinking water quality.

Community Source Water Protection – TRI-GID Action Plan						
Action Item	Management Strategy	Action Description	Priority	Project Lead	Type of Assistance Needed	Expected Implementation Year
1.1.TRI	<i>Interagency Collaboration</i>	Explore and participate in regional programs dedicated to increasing the care of the Truckee River corridor through focused education, outreach, and development of partnerships.	Low	TRI-GID	Technical Assistance	2025 and Ongoing
2.1.TRI	<i>Planning and Coordination</i>	Consider a notification process with Storey County Planning to help TRI-GID highlight any concerns about new potential contaminants near drinking water sources without creating delay in the development review process. For example, new stormwater infiltration basins or exterior chemical storage within a specific source water protection area or certain radius of a well.	High	TRI-GID	Technical Assistance	2025 and Ongoing
2.2.TRI	<i>Planning and Coordination</i>	Review and update the TRI-GID Source Water Protection Plan as needed to include new information regarding source water locations, potential contaminant sources, future hydrogeologic studies, and recycled water as source water.	High	Tri-GID	Technical Assistance	Ongoing
2.3.TRI	<i>Planning and Coordination</i>	Refine the GIS-based potential contaminant source and TRI-Center facility inventory as needed.	High	TRI-GID	Technical Assistance	2024 and Ongoing
2.4.TRI	<i>Planning and Coordination</i>	Work with Storey County to reduce non-point source water pollution in the TRI-Center. For example, participate in the development of solutions to address illegal dumping in 2-year or Watershed Source Water Protection Areas.	High	TRI-GID	Technical Assistance	2025-2026
2.5.TRI	<i>Planning and Coordination</i>	Include source water protection and water quality considerations during TRI-GID routine review of civil engineering plans in the TRI-Center. For example, review stormwater infiltration/detention near drinking water sources and from parking lots, loading areas, and exterior chemical storage and handling areas, etc.	High	TRI-GID	Technical Assistance	2025-2026
2.6.TRI	<i>Planning and Coordination</i>	Continue participation in a source water protection team.	High	TRI-GID	Technical Assistance	2025-2026

Community Source Water Protection – TRI-GID Action Plan						
Action Item	Management Strategy	Action Description	Priority	Project Lead	Type of Assistance Needed	Expected Implementation Year
3.1.TRI	<i>Spill Response and Cleanup</i>	Work with Storey County Emergency Management to develop an inventory of facilities with chemicals stored on site in the TRI-Center.	High	TRI-GID	Technical Assistance	2025-2026
3.2.TRI	<i>Spill Response and Cleanup</i>	Continue to support Storey County Emergency Management by attending the Local Emergency Planning Committee meetings. Consider discussing source water protection education as it pertains to the TRI-Center.	Low	TRI-GID	Technical Assistance	Ongoing
5.1.TRI	<i>Water Quality Best Management Practices</i>	Consider tools, such as the EPA’s Industrial Stormwater Fact Sheet Series , to help inform the TRI-GID staff about proper secondary containment, waste containment, and/or fuel and chemical containment BMPs as it relates to source water protection.	Medium	TRI-GID	Technical Assistance	2025 and Ongoing
5.3.TRI	<i>Water Quality Best Management Practices</i>	Explore tools, such as the EPA’s Fact Sheet series or the Small Business Guide Worksheets , as BMP or waste containment procedure checklists when conducting customer site visits. For example, TRI-GID staff could use the checklist on site or ask the customer to fill it out and return to TRI-GID.	High	TRI-GID	Technical Assistance	2024 and Ongoing
5.2.TRI	<i>Water Quality Best Management Practices</i>	Promote source water protection understanding with customers in close proximity of well locations and within source water protection areas. For example, coordinate a TRI-Center annual meeting to understand BMP implementation and maintenance at facilities as it relates to Article 10 of the TRI General Improvement District Sewer Rules, Regulations, and Rates .	Medium	TRI-GID	Technical Assistance	2024 and Ongoing
5.2.TRI	<i>Education and Outreach</i>	Increase knowledge of watershed importance to drinking water quality through local outreach efforts. For example, display source water protection program information in public locations with maps of local Watershed Source Water Protection Areas.	Low	TRI-GID	Technical Assistance	2025
5.3.TRI	<i>Education and Outreach</i>	Participate with Storey County Planning and Emergency Management to promote water quality best management practices at public events. For example, attend a school or community educational event with BMP information, and or invite TRI-GID customers who implement these practices to present.	Low	TRI-GID	Technical Assistance	2025-2026

Community Source Water Protection – TRI-GID Action Plan						
Action Item	Management Strategy	Action Description	Priority	Project Lead	Type of Assistance Needed	Expected Implementation Year
5.5.TRI	<i>Education and Outreach</i>	Promote source water protection on the TRI-GID website. For example, a link to the Community Source Water Protection Plan for Public Water Systems in Storey County.,	High	TRI-GID	Technical Assistance	2025 and Ongoing
5.5.TRI	<i>Education and Outreach</i>	Make information/flyers available at TRI-GID about what customers can do to protect drinking water sources. For example, secondary containment for exterior material storage, prompt spill response and cleanup, and/or fix leaking vehicles or equipment.	High	TRI-GID	Technical Assistance	2025 and Ongoing
6.1.TRI	<i>Emerging Contaminants</i>	Coordinate with NDEP on the availability of, and eligibility for, funding to address emerging contaminants.	Low	TRI-GID	Technical Assistance	Ongoing
6.2.TRI	<i>Emerging Contaminants</i>	Consider attending a State-wide working group focused on emerging contaminant education for public water systems and their operators.	High	Tri-GID	Technical Assistance	Ongoing
6.3.TRI	<i>Emerging Contaminants</i>	Continue discussions about emerging contaminant concerns and treatment technologies with the community. For example, attend and discuss at Local Emergency Planning Committee meetings, Storey County Planning Commission, etc.	Low	TRI-GID	Technical Assistance	Ongoing
6.5.TRI	<i>Emerging Contaminants</i>	Expand TRI-GID’s source water protection GIS database to include facilities that use, manufacture, or distribute products with emerging contaminants in the TRI-Center.	High	TRI-GID	Technical Assistance	Ongoing
6.6.TRI	<i>Emerging Contaminants</i>	Consider coordinating with Washoe County on developing an inventory of facilities that use, manufacture, or distribute products with emerging contaminants upstream of the Tracy Segment.	High	TRI-GID	Technical Assistance	Ongoing