# *Source Water Assessment* for Valli Vue Subdivision Anchorage, Alaska

A Hydrogeologic Susceptibility and Vulnerability Analysis

DRINKING WATER PROTECTION PROGRAM REPORT 409 PWSID 210605.001

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ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION: 2002

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### Source Water Assessment for Valli Vue Subdivision's Source of Public Drinking Water, Anchorage, Alaska

A Hydrogeologic Susceptibility and Vulnerability Analysis

By Heather A. Hammond

Drinking Water Protection Program Alaska Department of Environmental Conservation

#### **EXECUTIVE SUMMARY**

The primary water source for Valli Vue Subdivision is a Class A (community) water system consisting of one well in the Anchorage area. Identified potential and current sources of contaminants for Valli Vue Subdivision includes: approximately 510 acres of residential area, residential septic systems, roads, livestock stables/corral area, a public utility easement, and recreation trails. These identified potential and existing sources of contamination are considered sources of bacteria and viruses, nitrates and/or nitrites, volatile organic chemicals, heavy metals, synthetic organic chemicals, and other organic chemicals. Overall, the public water source for Valli Vue Subdivision received a vulnerability rating of low for volatile organic chemicals, heavy metals, synthetic organic chemicals, and other organic chemicals; medium for bacteria and viruses; and high for nitrates and/or nitrites.

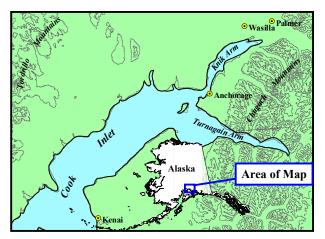


Figure 1. Index map showing the location of Anchorage, Alaska

#### INTRODUCTION

The purpose of this environmental assessment is to provide public water system owners and/or operators, communities, and local governments with information they can use to preserve the quality of Alaska's public drinking water supplies. This assessment was completed for the source of drinking water serving Valli Vue Subdivision. This water system consists of one well in the Anchorage area (see Figure 1). This assessment, known under the Alaska Drinking Water Protection Program as the Source Water Assessment, has combined a review of the natural hydrogeologic sensitivity with potential and existing contaminant risks to arrive at an overall vulnerability of the drinking water source to contamination. This assessment has been completed as a basis for local voluntary protection efforts and to assist agencies in their efforts to reduce risk to this public drinking water supply.

# DESCRIPTION OF THE ANCHORAGE AREA, ALASKA

#### Location

Anchorage, located in southcentral Alaska, encompasses 1,698 square miles of land and 264 square miles of water. The area containing a majority of the urban development, commonly referred to as the Anchorage Bowl, encompasses approximately 180 square miles [*Partick, Brabets, and Glass, 1989*] and envelopes the low lands of the area. This area is bounded on the east by the Chugach Mountains and the north, west, and south by the Knik and Turnagain Arms of Cook Inlet (Figure 1). In recent times, urban development has extended eastward along the flanks of the Chugach Mountains. This area, known locally as the Anchorage Hillside, contains development at elevations exceeding 3,700 feet in elevation above sea level.

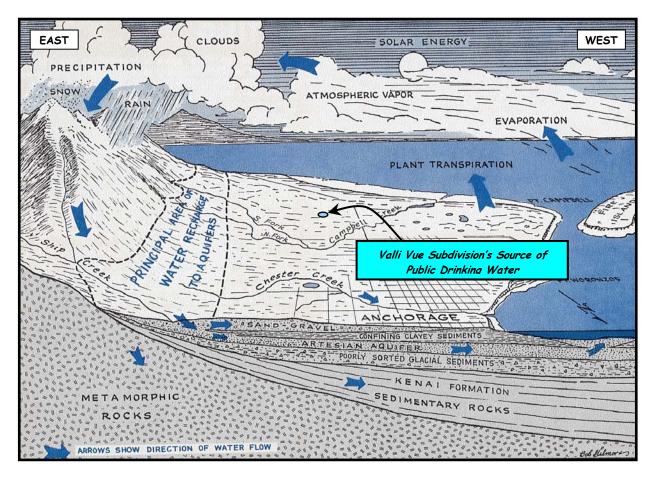


Figure 2. Generalized hydrologic cycle in the Anchorage area [Barnwell, George, Dearborn, Weeks, and Zenone, 1972].

#### Climate

The Anchorage area climate is somewhat transitional in that it does not experience large daily and annual temperature fluctuations like those experienced in the interior of Alaska nor does it experience high amounts of precipitation typified by gulf coast regions. Mean annual precipitation at the Anchorage International Airport is approximately 16 inches per year. On average, Anchorage receives a total snow accumulation of 69 inches per year. Precipitation generally increases inland toward the Chugach Mountains where annual precipitation may exceed 160 inches per year [*Barnwell*, *George, Dearborn, Weeks, and Zenone*, 1972]. Mean daily temperature ranges from 65° F during July to 8° F in January [*Western Regional Climate Center*, 2000].

#### Physiography and Groundwater Conditions

Surface elevations in the Anchorage area range from sea level at Knik and Turnagain Arms to well over 5,000 feet in the peaks that bound the area. Glacial moraine and outwash deposits primarily mantle the surface of the Anchorage Bowl.

The backbone of the Chugach Mountains is composed primarily of metamorphic marine and volcanic rocks (bedrock). These high peaks that bound Anchorage's east side are flanked with colluvium or slope deposits. These slope deposits eventually grade into the glacial and stream deposits at lower elevations in the Anchorage Bowl.

In the Anchorage area, two principal groundwater flow systems or aquifers exist (see Figure 2). The upper unconfined aquifer or water-table aquifer is separated from a lower confined aquifer system by layers of silty, clayey glacially derived sediments (confining layer) [*Ulery and Updike*, 1983]. The lower confined aquifer system consists of a series of hydrologically interconnected layers and lenses of gravel, sand and silt that, collectively, form the confined aquifer. The confining layer ranges from 0 to 270 feet thick throughout the Anchorage area and generally thins with increasing distance from Cook Inlet, thus pinching out at the mountain front [*Patrick, Brabets, and Glass*, 1989].

Water enters or recharges these two aquifer systems in several different ways. Along the front of the Chugach Mountains, groundwater seeps from fractures in bedrock into the sediments. At these higher elevations, rain and snowmelt also enter the sediments. This area along the mountain front is considered the principal recharge area for wells in the Anchorage area. Precipitation in the low lands may also percolate directly into the ground. Lastly, aquifers may also be recharged by streams where surface water percolates into surrounding permeable sediments (losing reaches of streams). Groundwater flow in the confined aquifer is generally east to west from the mountain front toward Cook Inlet and Turnagain Arm, except in areas where the direction of flow is influenced by large municipal or industrial production wells. The direction of groundwater flow in the upper unconfined aquifer is more variable due to the influence from surfacial topography as well as its close connection with surface water bodies.

#### VALLI VUE SUBDIVISION'S SOURCE OF PUBLIC DRINKING WATER

The source of drinking water serving Valli Vue Subdivision is a Class A (community) water system, which is owned and operated by Hillside Park Homeowner's Association. The system consists of one well, which is located off of off of O'Malley Road and Crooked Tree Drive (Valli Vue Subdivision, Tract C), at an elevation of approximately 800 feet above sea level (see Figure 3).

According to the most recent Monitoring Waiver Application (3/2/98) most of the area surrounding the well is wooded with spruce, birch and alder. The Monitoring Waiver Application also indicates that the well is sealed by a cap and the land surface surrounding the well is graded so that surface water is diverted from entering the source waters along the casing. Installation of the well occurred July 17, 1979 to a total depth of 283 feet below ground surface and was completed in a 6" well casing. The driller's log does not indicate that the well was grouted at the time of installation. Proper grouting provides added protection against contaminants traveling along the well casing and into source waters.

This system operates year round and serves 136 residents through 38 service connections.

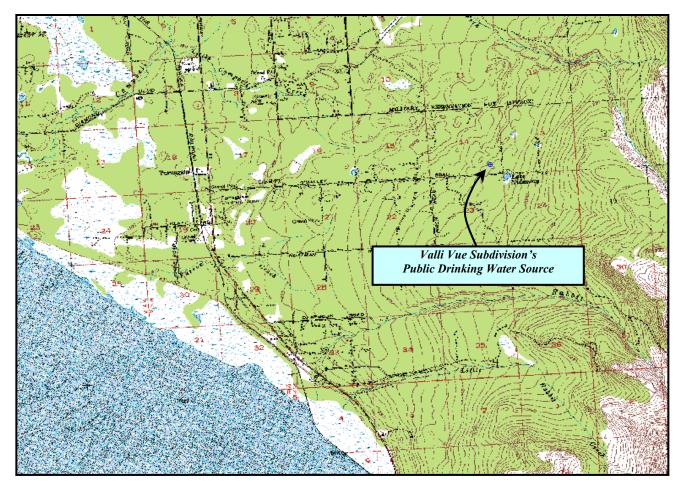


Figure 3. Map showing the location of the drinking water source for Valli Vue Subdivision [Base: USGS Anchorage A8].

#### ASSESSMENT AND PROTECTION AREA FOR VALLI VUE SUBDIVISION'S SOURCE OF PUBLIC DRINKING WATER

The Drinking Water Protection and Assessment Area that has been established for the primary source of public drinking water serving Valli Vue Subdivision is the area that is most sensitive to contamination. This area serves as a basis for assessing the risk of the drinking water source to contamination. The zones around the drinking water source outline the most critical area for the preservation of the quality of the drinking water for this system. For simplicity, this area will be known as your Drinking Water Protection Area and will serve as the focus for voluntary protection efforts.

Conceptually, groundwater enters the aquifer systems along the front range of the Chugach Mountains (Figure 2) and flows toward Cook Inlet. An analytical calculation was used to determine the size and shape of the area that contributes water to the well. The input parameters describing the attributes of the aquifer in this calculation were adopted from the U.S. Geological Survey [Patrick, Brabets, and Glass, 1989]. This analytical calculation was used as a guide as the first step in establishing the protection area for each public drinking water source in Anchorage. Additional methods were further employed to take into account any uncertainties in groundwater flow and aquifer characteristics to arrive at meaningful and conservative protection areas with respect to public health (Please refer to the Guidance Manual for Class A Public Water Systems for additional information).

The Drinking Water Protection Areas established for wells by the Alaska Department of Environmental Conservation are separated into zones. These zones correspond to a time-of-travel. Time-of-travel is the time required for water to move in the saturated zone of the ground from a specific point to the well. The Drinking Water Protection Area for Valli Vue Subdivision contains three zones, Zone A through Zone C (See Map 1 in Appendix A). Zone A corresponds to the area between the wells and the distance equal to  $\frac{1}{4}$  of the distance of the 2-year time-of-travel. Depending on where a contaminant source is located within Zone A, travel time for a contaminant to the wells may be on the order of several days to several hours. Zone A also extends downgradient from the wells to take into account the area of the aquifer that is influenced by pumping of the wells. Zone B corresponds to a time-of-travel of less than two years and Zone C corresponds to a time-of-travel of less than 5 years.

# INVENTORY OF POTENTIAL AND EXISTING CONTAMINANT SOURCES

The Drinking Water Protection Program has completed an inventory of potential and existing sources of contamination within the Drinking Water Protection Area for the source of public drinking water serving Valli Vue Subdivision. This survey was completed through a search of agency records and other publicly available information. Potential sources of contamination to drinking water supplies cover a wide range of categories and types. Potential drinking water contaminants are found within agricultural, residential, commercial, and industrial areas, but can also occur within areas that have little or no development.

For the basis of this assessment and all Class A public water system assessments, six categories of drinking water contaminants were inventoried. They include:

- Bacteria and viruses
- Nitrates and/or nitrites
- Volatile organic chemicals
- Heavy metals, cyanide, and other inorganic chemicals
- Synthetic organic chemicals
- Other organic chemicals

Maps 2 through 4 in Appendix C depict the Contaminant Source Inventory for the source of public drinking water serving Valli Vue Subdivision. Table 1 in Appendix B lists the inventoried potential sources of contamination within Zones A through C. Below is a summary of the contaminant sources inventoried within the Drinking Water Protection Area:

- Approximately 200 acres of residential area;
- residential septic systems;
- roads;
- a public utility easement;
- and recreation trails.

These potential and existing contaminant sources present risk for all six categories of drinking water contaminants.

#### **RANKING OF CONTAMINANT RISKS**

Potential and existing sources of contamination have been identified, sorted, and ranked according to what type and level of risk they represent. Ranking of contaminant risks for a "potential" or "existing" source of contamination is a function of toxicity and volumes of specific contaminants associated with that source. Contaminant risks are further a function of the number and density of those types of contaminant sources as well as the proximity of those sources to the public drinking water well.

#### VULNERABILITY OF VALLI VUE SUBDIVISION'S PUBLIC DRINKING WATER SOURCE

Vulnerability of a drinking water source to contamination is a combination of two factors:

- natural susceptibility; and
- contaminant risks.

Each of the six categories of drinking water contaminants have been analyzed and an overall vulnerability score of 0 to 100 ultimately assigned:

Natural Susceptibility (0 - 50 points)

 $^+$ 

Contaminant Risks (0 - 50 points)

=

Vulnerability of the Drinking Water Source to Contamination (0 - 100).

A score for the Natural Susceptibility is achieved by analyzing the properties of the well and the aquifer.

Susceptibility of the Wellhead (0 - 25 Points)+ Susceptibility of the Aquifer (0 - 25 Points)

= Natural Susceptibility (Susceptibility of the Well) (0 - 50 Points)

According to the well log the well was completed in a confined aquifer. There are several impervious layers above the aquifer. The first confining layer consists of clayey hardpan and exists from 54 to 71 feet below ground surface. The second confining layer consists of blue clay and exists from 181 to 199 feet below ground surface. The third confining layer consists of silty hardpan and exists from 210 to 226 feet below ground surface. These confining layers may provide a protective barrier against the movement of contaminants in the subsurface. However, near the base of the Chugach Mountains, these clay layers tend to be discontinuous and thin toward the mountains. Therefore, contaminants that enter the subsurface near the base of the mountains may enter the confined aquifer uninhibited by the absence of

any protective layer.

Combining the susceptibility of the wellhead and the aquifer to contamination leads to a score (0 - 50 points) and rating of overall Susceptibility of the well to contamination (See Appendix D). Table 1 depicts the overall Susceptibility score and rating for the primary source of public drinking water serving Sky Ranch Estates.

Table 1. Natural	Susceptibility - Susceptibility of the
Wellhead and Ac	uifer to Contamination

	Score	Rating
Susceptibility of the Wellhead	E	Lana
Susceptibility of the	5	Low
Aquifer	18	High
Natural Susceptibility	23	Medium

Contaminant risks to a drinking water source depend on the type, number or density, and distribution of contaminant sources. A score (0 - 50 points) and rating of Contaminant Risks (See Appendix D) is assigned based on the findings of the Contaminant Source Inventory (See Appendix B - Table 1 – Table 7). This portion of the analysis examines any existing or historical contamination that has been detected at the drinking water source through routine sampling. It also reviews contamination that has or may have occurred but has not arrived or been detected at the either well. Table 2 summarizes the Contaminant Risks for each category of drinking water contaminants.

Table 2. Contaminant Risks to Valli VueSubdivision's Public Drinking Water Source

Contaminant Risks	Score	Rating
Bacteria and Viruses	25	Medium
Nitrates and/or Nitrites	42	Very High
Volatile Organic		
Chemicals	12	Low
Heavy Metals, Cyanide,		
And Other Inorganic		
Chemicals	12	Low
Synthetic Organic		
Chemicals	12	Low
Other Organic		
Chemicals	12	Low

Appendix D contains fourteen charts, which together form the 'Vulnerability Analysis' for a Class A public drinking water system. Chart 1 analyzes the 'Susceptibility of the Wellhead' to contamination by looking at the construction of the well and its surrounding area. Chart 2 analyzes the 'Susceptibility of the Aquifer' to contamination by looking at the naturally occurring attributes of the water source and influences on the groundwater system that might lead to contamination. Chart 3 analyzes 'Contaminant Risks' for the drinking water source with respect to bacteria and viruses. The 'Contaminant Risks' portion of the analysis considers potential sources of contaminants as well as a review of contamination that has or may have occurred but has not arrived or been detected at the well. Lastly, Chart 4 contains the 'Vulnerability Analysis for Bacteria and Viruses'. Charts 5 through 14 contain the Contaminant Risks and Vulnerability Analysis for nitrates and nitrites, volatile organic chemicals, heavy metals, synthetic organic chemicals, and other organic chemicals, respectively.

Vulnerability of drinking water sources to contamination is the combination of susceptibility of the aquifer and the well with contaminant risks. Table 3 contains the overall vulnerability scores (0 - 100) and ratings for each of the six categories of drinking water contaminants (See Appendix D). Note: scores are rounded off to the nearest five.

# Table 3. Overall Vulnerability of Valli VueSubdivision's Public Drinking Water Source toContamination by Category

Category	Score	Rating
Bacteria and Viruses	50	Medium
Nitrates and Nitrites	65	High
Volatile Organic Chemicals Heavy Metals, Cyanide,	35	Low
and Other Inorganic Chemicals	35	Low
Synthetic Organic Chemicals	35	Low
Other Organic Chemicals	35	Low

Tables 2 through 7 in Appendix B contain the ranking of potential and existing sources of contamination with respect to bacteria and viruses, nitrates and/or nitrites, heavy metals, synthetic organic chemicals, and other organic chemicals, respectively.

Review of the historical sampling data indicates that bacteria and virus contamination has not been detected at the source waters. The most significant sources of bacteria and viruses within the protection area include residential septic systems, and residential areas.

Nitrates and/or nitrites are found in natural background concentration throughout Alaska. Nitrate concentrations in uncontaminanted groundwater are typically less than 2 milligrams per liter (mg/L) and are derived primarily from the decomposition of organic matter in soils [Wang, Strelakos, Jokela, 2000].

Sampling history for Valli Vue Subdivision indicates that nitrates have been detected (See Chart 5 – Contaminant Risks for Nitrates and/or Nitrites in Appendix D). Existing nitrate concentration is approximately 35% of the Maximum Contaminant Level or MCL. The MCL is the maximum level of contaminant that is allowed to exist in drinking water and still be consumed by humans without harmful health effects. Due to the high solubility and weak retention by soil, nitrates are very mobile, moving at approximately the same rate as water.

Throughout the past 5 years nitrate and/or nitrite concentrations at this site have slightly increased (See Chart 5 – Contaminant Risks for Nitrates and/or Nitrites in Appendix D). It is unknown how much of the existing nitrate concentration can be attributed to natural or human-made sources. Each residence up-gradient of the well has a septic system. Residential septic systems, because of their effluent discharge, pose significant potential contaminant risk to the source of public drinking water for nitrates and/or nitrites. The concentration of nitrates and/or nitrites detected in the source waters serving Valli Vue Subdivision could be related to the density of residential septic systems located within the protection area.

Historical sampling data for volatile organic chemicals indicate that none have been detected at the well within the past five years. Dirt and paved roads as well as residential areas within the protection area are the most significant sources of potential volatile organic chemical contamination to Valli Vue Subdivision's drinking water source. Because roads do pose a potential for fuel spills to occur, major routes were ranked as low for volatile organic chemicals.

A natural gas pipeline transverses the Zone A and B Protection Areas. Natural gas does not pose a threat to drinking water supplies. However, this area is an active public utility corridor. This utility corridor, through not heavily used represents a very low contaminant risk from volatile organic chemicals due to activities along the corridor.

Residential areas, residential septic systems, and roads within the protection area present the most significant source of potential contamination, from heavy metals, synthetic organic chemicals, and other organic chemicals to the well. Historical sampling data for all three contaminant categories indicate that none have been detected at the well site.

#### SUMMARY

A *Source Water Assessment* has been completed for the source of public drinking water serving Valli Vue Subdivision. The overall vulnerability of this source to contamination is **low** for volatile organic chemicals, heavy metals, synthetic organic chemicals, and other organic chemicals; **medium** for bacteria and viruses; and **high** for nitrates and/or nitrites. This assessment of contaminant risks can be used as a foundation for local voluntary protection efforts as well as a basis for the continuous efforts on the part of Valli Vue Subdivision to protect public health. It is anticipated that *Source Water Assessments* will be updated every five years to reflect any changes in the vulnerability and/or susceptibility of Valli Vue Subdivision's source of public drinking water.

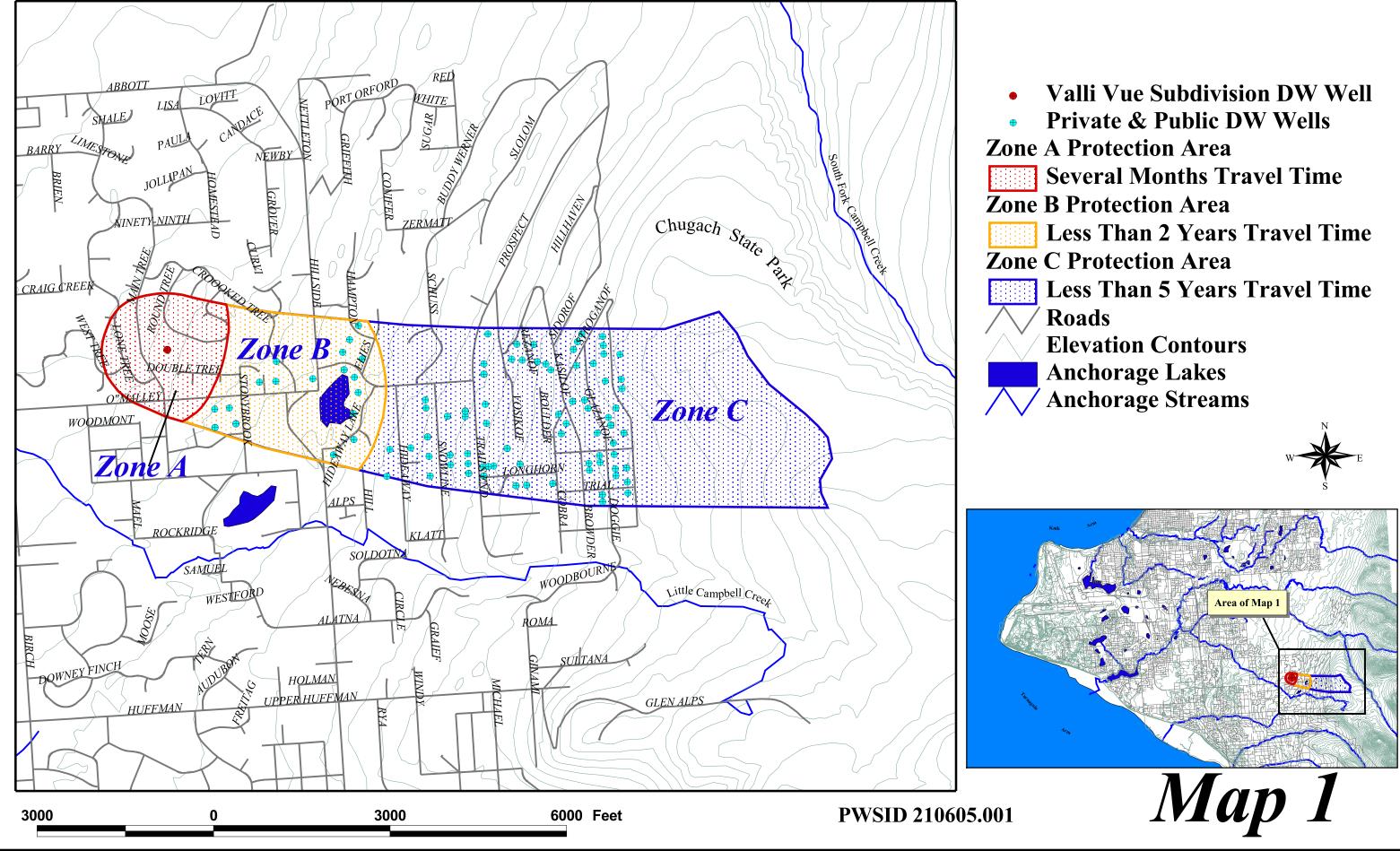
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### **APPENDIX A**

Valli Vue Subdivision's Drinking Water Protection Area

# **Drinking Water Protection Area and Potential & Existing Contaminant Sources**





### **APPENDIX B**

**Contaminant Source Inventory and Risk Ranking for Valli Vue Subdivision**  Table 1

### Contaminant Source Inventory for Valli Vue Water System

PWSID 210605.001

Contaminant Source Type	Contaminant	CS ID tag	Zone	Location	Map Number	Comments
Comuminant Source Type	Source ID	CS ID lug	Lone	Location	Mup Number	Comments
Residential Areas	R01	R1-1	А	Residential areas located within Zone A	6	Approximately 80 acres of residential area.
Septic systems (serves one single-family home)	R02	R2-1	А	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-10	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-100	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-101	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-102	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-103	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-104	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-105	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-106	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-107	Α	Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-108	А	Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-109	А	Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-11	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-110	А	Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-111	А	Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-112	А	Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-12	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-13	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-14	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-15	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-16	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-17	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-18	А	Along Round Tree Drive	4	

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-19	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-2	А	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-20	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-21	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-22	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-23	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-24	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-25	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-26	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-27	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-28	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-29	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-3	А	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-30	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-31	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-32	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-33	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-34	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-35	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-36	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-37	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-38	А	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-39	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-4	А	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-40	А	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-41	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-42	А	Along Main Tree Drive	4	

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Septic systems (serves one single-family home)R02R2-60AAlong Round Tree Drive4	
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Septic systems (serves one single-family home) R02 R2-67 A Along Round Tree Drive 4	

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-68	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-69	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-7	А	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-70	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-71	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-72	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-73	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-74	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-75	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-76	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-77	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-78	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-79	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-8	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-80	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-81	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-82	А	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-83	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-84	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-85	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-86	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-87	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-88	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-89	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-9	А	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-90	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-91	А	Along Long Tree Drive	4	

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-92	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-93	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-94	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-95	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-96	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-97	А	Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-98	А	Along West Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-99	А	Along Long Tree Drive	4	
Highways and roads, paved (cement or asphalt)	X20	X20-1	А	Main Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	А	Round Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	А	Long Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	А	Brown Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	А	West Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	А	O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	А	Ridgecrest Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	А	Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	А	Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	А	Round Tree Drive	2	
Livestock stables/corrals	A09	A9-1	В	Along Hillside Drive	2	
Residential Areas	R01	R1-2	В	Residential areas located within Zone B	6	Approximately 150 acres of residentail area.
Septic systems (serves one single-family home)	R02	R2-113	В	Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-114	В	Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-115	В	Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-116	В	Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-117	В	Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-118	В	Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-119	В	Along Crooked Tree Drive	5	

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-120	В	Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-121	В	Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-122	В	Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-123	В	Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-124	В	Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-125	В	Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-126	В	Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-127	В	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-128	В	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-129	В	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-130	В	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-131	В	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-132	В	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-133	В	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-134	В	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-135	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-136	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-137	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-138	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-139	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-140	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-141	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-142	В	Along East Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-143	В	Along Double Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-144	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-145	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-146	В	Along O'Malley Road	5	

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-147	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-148	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-149	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-150	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-151	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-152	В	Along Macbeth Drive	5	
Septic systems (serves one single-family home)	R02	R2-154	В	Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-155	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-156	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-157	В	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-158	В	Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-159	В	Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-160	В	Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-161	В	Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-162	В	Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-163	В	Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-164	В	Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-165	В	Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-166	В	Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-167	В	Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-168	В	Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-169	В	Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-170	В	Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-171	В	Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-172	В	Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-173	В	Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-174	В	Along Ellies Drive	5	

Septic systems (serves one single-family home)R02Septic systems (serves one single-family home)R02	R2-175     R2-176     R2-177     R2-178     R2-179     R2-180	B B B B B	Along Upper O'Malley     Along Ellies Drive     Along Ellies Drive     Along Ellies Drive	5 5 5 5	
Septic systems (serves one single-family home)R02Septic systems (serves one single-family home)R02	R2-177 R2-178 R2-179 R2-180	B B	Along Ellies Drive	5	
Septic systems (serves one single-family home)R02Septic systems (serves one single-family home)R02	R2-178 R2-179 R2-180	В			
Septic systems (serves one single-family home)R02Septic systems (serves one single-family home)R02	R2-179 R2-180		Along Ellies Drive	5	
Septic systems (serves one single-family home)   R02	R2-180	В		5	
Septic systems (serves one single-family home)R02Septic systems (serves one single-family home)R02Septic systems (serves one single-family home)R02			Along Ellies Drive	5	
Septic systems (serves one single-family home)R02Septic systems (serves one single-family home)R02	R2-181	В	Along O'Malley Road	5	
Septic systems (serves one single-family home) R02		В	Along Upper O'Malley Road	5	
	R2-182	В	Along Upper O'Malley Road	5	
Septic systems (serves one single-family home) R02	R2-183	В	Along Upper O'Malley Road	5	
	R2-184	В	Along Upper O'Malley Road	5	
Septic systems (serves one single-family home) R02	R2-185	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-186	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-187	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-188	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-189	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-190	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-191	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-192	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-193	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-194	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-195	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-196	В	Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home) R02	R2-197	В	Along Hideaway Lake Drive	5	
Highways and roads, paved (cement or asphalt) X20	X20-11	В	Crooked Tree Drive	2	
Highways and roads, paved (cement or asphalt) X20	X20-12	В	Tree Top Lane	2	
Highways and roads, paved (cement or asphalt) X20					
Highways and roads, paved (cement or asphalt) X20	X20-13	В	Double Tree Court	2	

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Location	Map Number	Comments
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	East Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	В	Stonybrook Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	В	Macbeth Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	В	O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-19	В	Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-20	В	Treeline Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-22	В	Upper O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-23	В	Hideaway Lake Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-24	В	Hideaway Lake Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-25	В	Ellies Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-26	В	Hampton Drive	2	
Public utility easements/corridors	X42	X42-1	В	Transversing the Zone B Protection Area.	3	
Residential Areas	R01	R1-3	С	Residential areas located within Zone C	6	Approximately 280 acres of residential area.
Septic systems (serves one single-family home)	R02	R2-198-400	С	All septics located within Zone C	7	
Highways and roads, paved (cement or asphalt)	X20	X20-27-45	С	All roads located within Zone C	3	
Dog walking areas/foot trails	X46	X46-1	С	Trail along north side of Prospect Drive	3	

Table 2

### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Bacteria and Viruses

PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Residential Areas	R01	R1-1	А	Low	1	Residential areas located within Zone A	6	Approximately 80 acres of residential area.
Residential Areas	R01	R1-2	В	Low	2	Residential areas located within Zone B	6	Approximately 150 acres of residentail area.
Septic systems (serves one single-family home)	R02	R2-1	А	Low	3	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-2	А	Low	4	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-3	А	Low	5	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-4	А	Low	6	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-5	А	Low	7	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-6	А	Low	8	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-7	А	Low	9	Along Double Tree Drive	4	
Livestock stables/corrals	A09	A9-1	В	Medium	10	Along Hillside Drive	2	
Septic systems (serves one single-family home)	R02	R2-10	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-100	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-101	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-102	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-103	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-104	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-105	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-106	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-107	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-108	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-109	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-11	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-110	А	Low		Along O'Malley Road	4	

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### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System

#### PWSID 210605.001

### Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-111	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-112	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-12	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-13	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-14	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-15	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-16	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-17	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-18	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-19	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-20	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-21	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-22	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-23	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-24	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-25	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-26	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-27	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-28	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-29	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-30	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-31	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-32	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-33	А	Low		Along Main Tree Drive	4	

### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System

PWSID 210605.001

### Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-34	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-35	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-36	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-37	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-38	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-39	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-40	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-41	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-42	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-43	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-44	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-45	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-46	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-47	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-48	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-49	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-50	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-51	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-52	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-53	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-54	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-55	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-56	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-57	А	Low Page 3 of 65		Along Round Tree Drive	4	

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### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System

#### PWSID 210605.001

### Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-58	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-59	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-60	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-61	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-62	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-63	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-64	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-65	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-66	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-67	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-68	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-69	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-70	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-71	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-72	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-73	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-74	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-75	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-76	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-77	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-78	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-79	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-8	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-80	А	Low		Along Main Tree Drive	4	

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### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System

#### PWSID 210605.001

### Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-81	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-82	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-83	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-84	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-85	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-86	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-87	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-88	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-89	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-9	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-90	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-91	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-92	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-93	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-94	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-95	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-96	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-97	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-98	А	Low		Along West Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-99	А	Low		Along Long Tree Drive	4	
Highways and roads, paved (cement or asphalt)	X20	X20-1	А	Low		Main Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	А	Low		Round Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	А	Low		Long Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	А	Low		Brown Tree Circle	2	

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## Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

### Valli Vue Water System Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Highways and roads, paved (cement or asphalt)	X20	X20-4	А	Low		West Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	А	Low		O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	А	Low		Ridgecrest Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	А	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	А	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	А	Low		Round Tree Drive	2	
Septic systems (serves one single-family home)	R02	R2-113	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-114	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-115	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-116	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-117	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-118	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-119	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-120	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-121	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-122	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-123	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-124	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-125	В	Low		Along Crooked Tree Drive	5	

## Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

### Valli Vue Water System Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-126	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-127	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-128	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-129	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-130	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-131	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-132	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-133	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-134	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-135	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-136	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-137	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-138	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-139	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-140	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-141	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-142	В	Low		Along East Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-143	В	Low		Along Double Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-144	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-145	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-146	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-147	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-148	В	Low		Along O'Malley Road	5	

### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System

#### PWSID 210605.001

### Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-149	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-150	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-151	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-152	В	Low		Along Macbeth Drive	5	
Septic systems (serves one single-family home)	R02	R2-154	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-155	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-156	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-157	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-158	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-159	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-160	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-161	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-162	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-163	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-164	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-165	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-166	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-167	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-168	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-169	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-170	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-171	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-172	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-173	В	Low		Along Ellies Drive	5	

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# Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

### Valli Vue Water System Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-174	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-175	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-176	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-177	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-178	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-179	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-180	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-181	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-182	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-183	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-184	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-185	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-186	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-187	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-188	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-189	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-190	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-191	В	Low		Along Hideaway Lake Drive	5	

### Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

### Valli Vue Water System Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-192	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-193	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-194	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-195	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-196	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-197	В	Low		Along Hideaway Lake Drive	5	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	Low		Crooked Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	Low		Tree Top Lane	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	В	Low		East Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	Low		East Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	В	Low		Stonybrook Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	В	Low		Macbeth Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	В	Low		O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-19	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-20	В	Low		Treeline Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-22	В	Low		Upper O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-23	В	Low		Hideaway Lake Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-24	В	Low		Hideaway Lake Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-25	В	Low		Ellies Drive	2	

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### Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

### Valli Vue Water System Sources of Bacteria and Viruses

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Highways and roads, paved (cement or asphalt)	X20	X20-26	В	Low		Hampton Drive	2	
Residential Areas	R01	R1-3	С	Low		Residential areas located within Zone C	6	Approximately 280 acres of residential area.
Septic systems (serves one single-family home)	R02	R2-198-400	С	Low		All septics located within Zone C	7	
Highways and roads, paved (cement or asphalt)	X20	X20-27-45	С	Low		All roads located within Zone C	3	
Dog walking areas/foot trails	X46	X46-1	С	Low		Trail along north side of Prospect Drive	3	

Table 3

### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System

PWSID 210605.001

### Sources of Nitrates/Nitrites

Residential Areas	R01	R1-1						
			А	Low	1	Residential areas located within Zone A	6	Approximately 80 acres of residential area.
Residential Areas	R01	R1-2	В	Low	2	Residential areas located within Zone B	6	Approximately 150 acres of residentail area.
Septic systems (serves one single-family home)	R02	R2-1	А	Low	3	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-2	А	Low	4	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-3	А	Low	5	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-4	А	Low	6	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-5	А	Low	7	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-6	А	Low	8	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-7	А	Low	9	Along Double Tree Drive	4	
Livestock stables/corrals	A09	A9-1	В	Medium	10	Along Hillside Drive	2	
Septic systems (serves one single-family home)	R02	R2-10	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-100	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-101	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-102	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-103	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-104	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-105	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-106	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-107	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-108	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-109	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-11	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-110	А	Low		Along O'Malley Road	4	

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## Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

### Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-111	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-112	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-12	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-13	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-14	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-15	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-16	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-17	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-18	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-19	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-20	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-21	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-22	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-23	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-24	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-25	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-26	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-27	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-28	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-29	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-30	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-31	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-32	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-33	А	Low		Along Main Tree Drive	4	

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# Contaminant Source Inventory and Risk Ranking for

PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-34	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-35	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-36	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-37	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-38	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-39	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-40	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-41	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-42	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-43	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-44	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-45	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-46	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-47	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-48	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-49	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-50	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-51	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-52	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-53	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-54	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-55	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-56	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-57	А	Low		Along Round Tree Drive	4	

# Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-58	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-59	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-60	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-61	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-62	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-63	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-64	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-65	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-66	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-67	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-68	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-69	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-70	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-71	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-72	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-73	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-74	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-75	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-76	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-77	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-78	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-79	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-8	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-80	А	Low		Along Main Tree Drive	4	

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# Contaminant Source Inventory and Risk Ranking for

PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-81	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-82	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-83	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-84	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-85	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-86	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-87	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-88	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-89	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-9	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-90	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-91	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-92	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-93	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-94	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-95	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-96	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-97	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-98	А	Low		Along West Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-99	А	Low		Along Long Tree Drive	4	
Highways and roads, paved (cement or asphalt)	X20	X20-1	А	Low		Main Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	А	Low		Round Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	А	Low		Long Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	А	Low		Brown Tree Circle	2	

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## Contaminant Source Inventory and Risk Ranking for

### PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Highways and roads, paved (cement or asphalt)	X20	X20-4	А	Low		West Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	А	Low		O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	А	Low		Ridgecrest Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	А	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	А	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	А	Low		Round Tree Drive	2	
Septic systems (serves one single-family home)	R02	R2-113	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-114	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-115	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-116	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-117	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-118	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-119	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-120	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-121	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-122	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-123	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-124	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-125	В	Low		Along Crooked Tree Drive	5	

## Contaminant Source Inventory and Risk Ranking for

### PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-126	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-127	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-128	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-129	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-130	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-131	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-132	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-133	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-134	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-135	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-136	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-137	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-138	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-139	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-140	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-141	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-142	В	Low		Along East Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-143	В	Low		Along Double Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-144	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-145	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-146	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-147	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-148	В	Low		Along O'Malley Road	5	

# Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-149	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-150	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-151	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-152	В	Low		Along Macbeth Drive	5	
Septic systems (serves one single-family home)	R02	R2-154	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-155	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-156	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-157	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-158	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-159	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-160	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-161	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-162	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-163	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-164	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-165	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-166	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-167	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-168	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-169	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-170	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-171	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-172	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-173	В	Low		Along Ellies Drive	5	

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## Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-174	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-175	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-176	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-177	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-178	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-179	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-180	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-181	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-182	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-183	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-184	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-185	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-186	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-187	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-188	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-189	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-190	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-191	В	Low		Along Hideaway Lake Drive	5	

## Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-192	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-193	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-194	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-195	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-196	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-197	В	Low		Along Hideaway Lake Drive	5	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	Low		Crooked Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	Low		Tree Top Lane	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	В	Low		East Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	Low		East Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	В	Low		Stonybrook Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	В	Low		Macbeth Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	В	Low		O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-19	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-20	В	Low		Treeline Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-22	В	Low		Upper O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-23	В	Low		Hideaway Lake Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-24	В	Low		Hideaway Lake Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-25	В	Low		Ellies Drive	2	

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## Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

## Valli Vue Water System Sources of Nitrates/Nitrites

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Highways and roads, paved (cement or asphalt)	X20	X20-26	В	Low		Hampton Drive	2	
Residential Areas	R01	R1-3	С	Low		Residential areas located within Zone C	6	Approximately 280 acres of residential area.
Septic systems (serves one single-family home)	R02	R2-198-400	С	Low		All septics located within Zone C	7	
Highways and roads, paved (cement or asphalt)	X20	X20-27-45	С	Low		All roads located within Zone C	3	
Dog walking areas/foot trails	X46	X46-1	С	Low		Trail along north side of Prospect Drive	3	

Table 4

## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

PWSID 210605.001

	Contaminant		- 5	Rick Rankina	Overall Rank		Мар	
Contaminant Source Type	Source ID	CS ID tag	Zone	for Analysis	after Analysis	Location	Number	Comments
Residential Areas	R01	R1-1	А	Low	1	Residential areas located within Zone A	6	Approximately 80 acres of residential area.
Residential Areas	R01	R1-2	В	Low	2	Residential areas located within Zone B	6	Approximately 150 acres of residentail area.
Highways and roads, paved (cement or asphalt)	X20	X20-1	А	Low	3	Main Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	А	Low	4	Long Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	А	Low	5	Brown Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	А	Low	6	West Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	А	Low	7	O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	А	Low	8	Ridgecrest Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	А	Low	9	Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	А	Low	10	Double Tree Court	2	
Septic systems (serves one single-family home)	R02	R2-1	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-10	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-100	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-101	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-102	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-103	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-104	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-105	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-106	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-107	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-108	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-109	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-11	А	Low		Along Round Tree Drive	4	
				D				

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-110	A	Low	ujier Analysis	Along O'Malley Road	4	comments
Septic systems (serves one single-family home)	R02	R2-111	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-112	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-12	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-13	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-14	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-15	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-16	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-17	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-18	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-19	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-2	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-20	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-21	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-22	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-23	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-24	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-25	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-26	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-27	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-28	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-29	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-3	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-30	А	Low		Along Main Tree Drive	4	

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

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ntaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
tic systems (serves one single-family home)	R02	R2-31	А	Low	ujier muiysis	Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-32	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-33	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-34	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-35	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-36	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-37	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-38	А	Low		Along Double Tree Drive	4	
c systems (serves one single-family home)	R02	R2-39	А	Low		Along Main Tree Drive	4	
systems (serves one single-family home)	R02	R2-4	А	Low		Along Double Tree Drive	4	
systems (serves one single-family home)	R02	R2-40	А	Low		Along Double Tree Drive	4	
systems (serves one single-family home)	R02	R2-41	А	Low		Along Main Tree Drive	4	
systems (serves one single-family home)	R02	R2-42	А	Low		Along Main Tree Drive	4	
systems (serves one single-family home)	R02	R2-43	А	Low		Along Main Tree Drive	4	
systems (serves one single-family home)	R02	R2-44	А	Low		Along Double Tree Drive	4	
systems (serves one single-family home)	R02	R2-45	А	Low		Along Double Tree Court	4	
c systems (serves one single-family home)	R02	R2-46	А	Low		Along Double Tree Court	4	
c systems (serves one single-family home)	R02	R2-47	А	Low		Along Double Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-48	А	Low		Along Double Tree Court	4	
c systems (serves one single-family home)	R02	R2-49	А	Low		Along Double Tree Drive	4	
systems (serves one single-family home)	R02	R2-5	А	Low		Along Double Tree Drive	4	
c systems (serves one single-family home)	R02	R2-50	А	Low		Along Double Tree Drive	4	
c systems (serves one single-family home)	R02	R2-51	А	Low		Along Round Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-52	А	Low		Along Round Tree Drive	4	

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis Location	Map Number Comments	
Septic systems (serves one single-family home)	R02	R2-53	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-54	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-55	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-56	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-57	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-58	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-59	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-6	А	Low	Along Double Tree	Drive 4	
Septic systems (serves one single-family home)	R02	R2-60	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-61	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-62	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-63	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-64	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-65	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-66	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-67	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-68	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-69	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-7	А	Low	Along Double Tree	Drive 4	
Septic systems (serves one single-family home)	R02	R2-70	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-71	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-72	А	Low	Along Round Tree I	Drive 4	
Septic systems (serves one single-family home)	R02	R2-73	А	Low	Along Main Tree Dr	ive 4	
Septic systems (serves one single-family home)	R02	R2-74	А	Low	Along Long Tree Dr	ive 4	

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

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ntaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
ptic systems (serves one single-family home)	R02	R2-75	А	Low	ujter muljsis	Along Main Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-76	А	Low		Along Main Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-77	А	Low		Along Main Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-78	А	Low		Along Main Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-79	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-8	А	Low		Along Round Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-80	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-81	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-82	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-83	А	Low		Along Long Tree Drive	4	
c systems (serves one single-family home)	R02	R2-84	А	Low		Along Long Tree Drive	4	
c systems (serves one single-family home)	R02	R2-85	А	Low		Along Long Tree Drive	4	
systems (serves one single-family home)	R02	R2-86	А	Low		Along Long Tree Drive	4	
c systems (serves one single-family home)	R02	R2-87	А	Low		Along Long Tree Drive	4	
systems (serves one single-family home)	R02	R2-88	А	Low		Along Long Tree Drive	4	
c systems (serves one single-family home)	R02	R2-89	А	Low		Along Long Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-9	А	Low		Along Round Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-90	А	Low		Along Long Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-91	А	Low		Along Long Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-92	А	Low		Along Long Tree Drive	4	
c systems (serves one single-family home)	R02	R2-93	А	Low		Along Long Tree Drive	4	
c systems (serves one single-family home)	R02	R2-94	А	Low		Along Long Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-95	А	Low		Along Long Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-96	А	Low		Along Long Tree Drive	4	

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### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

### PWSID 210605.001

	Contaminant		7		Overall Rank	<b>T</b> (1	Мар	
Contaminant Source Type	Source ID	CS ID tag	Zone	for Analysis	after Analysis	Location	Number Comments	
Septic systems (serves one single-family home)	R02	R2-97	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-98	А	Low		Along West Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-99	А	Low		Along Long Tree Drive	4	
Highways and roads, paved (cement or asphalt)	X20	X20-10	А	Low		Round Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	А	Low		Round Tree Drive	2	
Septic systems (serves one single-family home)	R02	R2-113	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-114	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-115	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-116	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-117	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-118	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-119	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-120	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-121	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-122	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-123	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-124	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-125	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-126	В	Low		Along Crooked Tree Drive	5	

## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Location	Map Number Comment	\$
Septic systems (serves one single-family home)	R02	R2-127	В	Low	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-128	В	Low	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-129	В	Low	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-130	В	Low	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-131	В	Low	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-132	В	Low	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-133	В	Low	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-134	В	Low	Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-135	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-136	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-137	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-138	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-139	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-140	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-141	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-142	В	Low	Along East Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-143	В	Low	Along Double Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-144	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-145	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-146	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-147	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-148	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-149	В	Low	Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-150	В	Low	Along O'Malley Road	5	

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-151	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-152	В	Low		Along Macbeth Drive	5	
Septic systems (serves one single-family home)	R02	R2-154	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-155	В	Low		Along O'Malley Road	5	
eptic systems (serves one single-family home)	R02	R2-156	В	Low		Along O'Malley Road	5	
eptic systems (serves one single-family home)	R02	R2-157	В	Low		Along O'Malley Road	5	
eptic systems (serves one single-family home)	R02	R2-158	В	Low		Along Treeline Drive	5	
eptic systems (serves one single-family home)	R02	R2-159	В	Low		Along Hillside Drive	5	
eptic systems (serves one single-family home)	R02	R2-160	В	Low		Along Hillside Drive	5	
ptic systems (serves one single-family home)	R02	R2-161	В	Low		Along Treeline Drive	5	
tic systems (serves one single-family home)	R02	R2-162	В	Low		Along Hillside Drive	5	
ptic systems (serves one single-family home)	R02	R2-163	В	Low		Along Treeline Drive	5	
tic systems (serves one single-family home)	R02	R2-164	В	Low		Along Hillside Drive	5	
tic systems (serves one single-family home)	R02	R2-165	В	Low		Along Hillside Drive	5	
tic systems (serves one single-family home)	R02	R2-166	В	Low		Along Hillside Drive	5	
tic systems (serves one single-family home)	R02	R2-167	В	Low		Along Upper O'Malley	5	
ptic systems (serves one single-family home)	R02	R2-168	В	Low		Along Upper O'Malley	5	
ptic systems (serves one single-family home)	R02	R2-169	В	Low		Along Hampton Drive	5	
eptic systems (serves one single-family home)	R02	R2-170	В	Low		Along Hampton Drive	5	
ptic systems (serves one single-family home)	R02	R2-171	В	Low		Along Hampton Drive	5	
ptic systems (serves one single-family home)	R02	R2-172	В	Low		Along Hampton Drive	5	
ptic systems (serves one single-family home)	R02	R2-173	В	Low		Along Ellies Drive	5	
ptic systems (serves one single-family home)	R02	R2-174	В	Low		Along Ellies Drive	5	
eptic systems (serves one single-family home)	R02	R2-175	В	Low		Along Upper O'Malley	5	

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Volatile Organic Chemicals

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			5				
Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	for Analysis	Overall Rank after Analysis	Location	Map Number Comments
Septic systems (serves one single-family home)	R02	R2-176	В	Low		Along Ellies Drive	5
Septic systems (serves one single-family home)	R02	R2-177	В	Low		Along Ellies Drive	5
Septic systems (serves one single-family home)	R02	R2-178	В	Low		Along Ellies Drive	5
Septic systems (serves one single-family home)	R02	R2-179	В	Low		Along Ellies Drive	5
Septic systems (serves one single-family home)	R02	R2-180	В	Low		Along O'Malley Road	5
Septic systems (serves one single-family home)	R02	R2-181	В	Low		Along Upper O'Malley Road	5
Septic systems (serves one single-family home)	R02	R2-182	В	Low		Along Upper O'Malley Road	5
Septic systems (serves one single-family home)	R02	R2-183	В	Low		Along Upper O'Malley Road	5
Septic systems (serves one single-family home)	R02	R2-184	В	Low		Along Upper O'Malley Road	5
Septic systems (serves one single-family home)	R02	R2-185	В	Low		Along Hideaway Lake Drive	5
Septic systems (serves one single-family home)	R02	R2-186	В	Low		Along Hideaway Lake Drive	5
Septic systems (serves one single-family home)	R02	R2-187	В	Low		Along Hideaway Lake Drive	5
Septic systems (serves one single-family home)	R02	R2-188	В	Low		Along Hideaway Lake Drive	5
Septic systems (serves one single-family home)	R02	R2-189	В	Low		Along Hideaway Lake Drive	5
Septic systems (serves one single-family home)	R02	R2-190	В	Low		Along Hideaway Lake Drive	5
Septic systems (serves one single-family home)	R02	R2-191	В	Low		Along Hideaway Lake Drive	5
Septic systems (serves one single-family home)	R02	R2-192	В	Low		Along Hideaway Lake Drive	5

# Contaminant Source Inventory and Risk Ranking for

### PWSID 210605.001

### Valli Vue Water System Sources of Volatile Organic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-193	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-194	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-195	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-196	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-197	В	Low		Along Hideaway Lake Drive	5	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	Low		Crooked Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	Low		Tree Top Lane	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	В	Low		East Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	Low		East Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	В	Low		Stonybrook Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	В	Low		Macbeth Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	В	Low		O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-19	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-20	В	Low		Treeline Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-22	В	Low		Upper O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-23	В	Low		Hideaway Lake Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-24	В	Low		Hideaway Lake Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-25	В	Low		Ellies Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-26	В	Low		Hampton Drive	2	

## Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

## Valli Vue Water System Sources of Volatile Organic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	0	Overall Rank after Analysis	Location	Map Number	Comments
Residential Areas	R01	R1-3	С	Low		Residential areas located within Zone C	6	Approximately 280 acres of residential area.
Septic systems (serves one single-family home)	R02	R2-198-400	С	Low		All septics located within Zone C	7	
Highways and roads, paved (cement or asphalt)	X20	X20-27-45	С	Low		All roads located within Zone C	3	

Table 5

## Contaminant Source Inventory and Risk Ranking for

PWSID 210605.001

## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Residential Areas	R01	R1-1	А	Low	1	Residential areas located within Zone A	6	Approximately 80 acres of residential area.
Residential Areas	R01	R1-2	В	Low	2	Residential areas located within Zone B	6	Approximately 150 acres of residentail area.
Highways and roads, paved (cement or asphalt)	X20	X20-1	А	Low	3	Main Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	А	Low	4	Double Tree Court	2	
Septic systems (serves one single-family home)	R02	R2-1	А	Low	5	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-2	А	Low	6	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-3	А	Low	7	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-4	А	Low	8	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-5	А	Low	9	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-6	А	Low	10	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-10	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-100	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-101	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-102	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-103	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-104	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-105	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-106	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-107	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-108	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-109	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-11	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-110	А	Low		Along O'Malley Road	4	

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## Contaminant Source Inventory and Risk Ranking for

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## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-111	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-112	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-12	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-13	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-14	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-15	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-16	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-17	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-18	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-19	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-20	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-21	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-22	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-23	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-24	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-25	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-26	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-27	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-28	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-29	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-30	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-31	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-32	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-33	А	Low		Along Main Tree Drive	4	

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## Contaminant Source Inventory and Risk Ranking for

PWSID 210605.001

## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-34	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-35	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-36	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-37	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-38	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-39	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-40	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-41	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-42	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-43	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-44	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-45	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-46	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-47	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-48	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-49	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-50	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-51	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-52	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-53	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-54	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-55	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-56	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-57	А	Low		Along Round Tree Drive	4	

## Contaminant Source Inventory and Risk Ranking for

PWSID 210605.001

## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-58	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-59	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-60	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-61	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-62	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-63	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-64	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-65	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-66	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-67	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-68	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-69	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-7	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-70	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-71	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-72	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-73	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-74	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-75	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-76	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-77	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-78	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-79	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-8	А	Low		Along Round Tree Drive	4	

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## Contaminant Source Inventory and Risk Ranking for

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## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-80	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-81	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-82	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-83	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-84	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-85	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-86	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-87	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-88	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-89	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-9	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-90	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-91	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-92	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-93	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-94	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-95	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-96	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-97	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-98	А	Low		Along West Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-99	А	Low		Along Long Tree Drive	4	
Highways and roads, paved (cement or asphalt)	X20	X20-10	А	Low		Round Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	А	Low		Long Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	А	Low		Brown Tree Circle	2	

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## Contaminant Source Inventory and Risk Ranking for

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## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Highways and roads, paved (cement or asphalt)	X20	X20-4	А	Low		West Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	А	Low		O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	А	Low		Ridgecrest Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	А	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	А	Low		Round Tree Drive	2	
Septic systems (serves one single-family home)	R02	R2-113	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-114	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-115	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-116	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-117	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-118	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-119	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-120	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-121	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-122	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-123	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-124	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-125	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-126	В	Low		Along Crooked Tree Drive	5	

## Contaminant Source Inventory and Risk Ranking for

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## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-127	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-128	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-129	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-130	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-131	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-132	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-133	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-134	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-135	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-136	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-137	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-138	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-139	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-140	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-141	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-142	В	Low		Along East Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-143	В	Low		Along Double Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-144	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-145	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-146	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-147	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-148	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-149	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-150	В	Low		Along O'Malley Road	5	

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## Contaminant Source Inventory and Risk Ranking for

PWSID 210605.001

## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-151	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-152	В	Low		Along Macbeth Drive	5	
Septic systems (serves one single-family home)	R02	R2-154	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-155	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-156	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-157	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-158	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-159	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-160	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-161	В	Low		Along Treeline Drive	5	
eptic systems (serves one single-family home)	R02	R2-162	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-163	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-164	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-165	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-166	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-167	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-168	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-169	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-170	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-171	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-172	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-173	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-174	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-175	В	Low		Along Upper O'Malley	5	

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## Contaminant Source Inventory and Risk Ranking for

PWSID 210605.001

## Valli Vue Water System Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-176	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-177	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-178	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-179	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-180	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-181	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-182	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-183	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-184	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-185	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-186	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-187	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-188	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-189	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-190	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-191	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-192	В	Low		Along Hideaway Lake Drive	5	

## Contaminant Source Inventory and Risk Ranking for

### PWSID 210605.001

### Valli Vue Water System

## Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-193	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-194	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-195	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-196	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-197	В	Low		Along Hideaway Lake Drive	5	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	Low		Crooked Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	Low		Tree Top Lane	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	В	Low		East Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	Low		East Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	В	Low		Stonybrook Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	В	Low		Macbeth Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	В	Low		O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-19	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-20	В	Low		Treeline Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-22	В	Low		Upper O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-23	В	Low		Hideaway Lake Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-24	В	Low		Hideaway Lake Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-25	В	Low		Ellies Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-26	В	Low		Hampton Drive	2	

## Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

Valli Vue Water System

## Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	0	Overall Rank after Analysis	Location	Map Number	Comments
Residential Areas	R01	R1-3	С	Low		Residential areas located within Zone C	6	Approximately 280 acres of residential area.
Septic systems (serves one single-family home)	R02	R2-198-400	С	Low		All septics located within Zone C	7	
Highways and roads, paved (cement or asphalt)	X20	X20-27-45	С	Low		All roads located within Zone C	3	

Table 6

## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Synthetic Organic Chemicals

PWSID 210605.001

	Contaminant		_	Risk Ranking	, Overall Rank		Мар	-
Contaminant Source Type	Source ID	CS ID tag	Zone	for Analysis	after Analysis	Location	Number	Comments
Residential Areas	R01	R1-1	А	Low	1	Residential areas located within Zone A	6	Approximately 80 acres of residential area.
Residential Areas	R01	R1-2	В	Low	2	Residential areas located within Zone B	6	Approximately 150 acres of residentail area.
Septic systems (serves one single-family home)	R02	R2-1	А	Low	3	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-2	Α	Low	4	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-3	А	Low	5	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-4	Α	Low	6	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-5	А	Low	7	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-6	А	Low	8	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-7	А	Low	9	Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-8	А	Low	10	Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-10	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-100	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-101	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-102	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-103	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-104	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-105	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-106	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-107	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-108	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-109	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-11	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-110	А	Low		Along O'Malley Road	4	
				D 15 C (5				

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### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Synthetic Organic Chemicals

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Sources of Synthetic Organic Chemicals											
Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments			
Septic systems (serves one single-family home)	R02	R2-111	А	Low		Along O'Malley Road	4				
Septic systems (serves one single-family home)	R02	R2-112	А	Low		Along O'Malley Road	4				
Septic systems (serves one single-family home)	R02	R2-12	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-13	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-14	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-15	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-16	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-17	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-18	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-19	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-20	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-21	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-22	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-23	А	Low		Along Round Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-24	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-25	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-26	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-27	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-28	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-29	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-30	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-31	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-32	А	Low		Along Main Tree Drive	4				
Septic systems (serves one single-family home)	R02	R2-33	А	Low		Along Main Tree Drive	4				

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Synthetic Organic Chemicals

#### PWSID 210605.001

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
tic systems (serves one single-family home)	R02	R2-34	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-35	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-36	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-37	А	Low		Along Main Tree Drive	4	
c systems (serves one single-family home)	R02	R2-38	А	Low		Along Double Tree Drive	4	
c systems (serves one single-family home)	R02	R2-39	А	Low		Along Main Tree Drive	4	
c systems (serves one single-family home)	R02	R2-40	А	Low		Along Double Tree Drive	4	
c systems (serves one single-family home)	R02	R2-41	А	Low		Along Main Tree Drive	4	
c systems (serves one single-family home)	R02	R2-42	А	Low		Along Main Tree Drive	4	
e systems (serves one single-family home)	R02	R2-43	А	Low		Along Main Tree Drive	4	
systems (serves one single-family home)	R02	R2-44	А	Low		Along Double Tree Drive	4	
systems (serves one single-family home)	R02	R2-45	А	Low		Along Double Tree Court	4	
systems (serves one single-family home)	R02	R2-46	А	Low		Along Double Tree Court	4	
systems (serves one single-family home)	R02	R2-47	А	Low		Along Double Tree Drive	4	
systems (serves one single-family home)	R02	R2-48	А	Low		Along Double Tree Court	4	
systems (serves one single-family home)	R02	R2-49	А	Low		Along Double Tree Drive	4	
e systems (serves one single-family home)	R02	R2-50	А	Low		Along Double Tree Drive	4	
c systems (serves one single-family home)	R02	R2-51	А	Low		Along Round Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-52	А	Low		Along Round Tree Drive	4	
c systems (serves one single-family home)	R02	R2-53	А	Low		Along Round Tree Drive	4	
systems (serves one single-family home)	R02	R2-54	А	Low		Along Round Tree Drive	4	
systems (serves one single-family home)	R02	R2-55	А	Low		Along Round Tree Drive	4	
systems (serves one single-family home)	R02	R2-56	А	Low		Along Round Tree Drive	4	
c systems (serves one single-family home)	R02	R2-57	А	Low		Along Round Tree Drive	4	

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### Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Synthetic Organic Chemicals

PWSID 210605.001

ontaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
ptic systems (serves one single-family home)	R02	R2-58	А	Low		Along Round Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-59	А	Low		Along Round Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-60	А	Low		Along Round Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-61	А	Low		Along Round Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-62	А	Low		Along Round Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-63	А	Low		Along Round Tree Drive	4	
ptic systems (serves one single-family home)	R02	R2-64	А	Low		Along Round Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-65	А	Low		Along Round Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-66	А	Low		Along Round Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-67	А	Low		Along Round Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-68	А	Low		Along Round Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-69	А	Low		Along Round Tree Drive	4	
c systems (serves one single-family home)	R02	R2-70	А	Low		Along Round Tree Drive	4	
c systems (serves one single-family home)	R02	R2-71	А	Low		Along Round Tree Drive	4	
c systems (serves one single-family home)	R02	R2-72	А	Low		Along Round Tree Drive	4	
c systems (serves one single-family home)	R02	R2-73	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-74	А	Low		Along Long Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-75	А	Low		Along Main Tree Drive	4	
otic systems (serves one single-family home)	R02	R2-76	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-77	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-78	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-79	А	Low		Along Main Tree Drive	4	
ic systems (serves one single-family home)	R02	R2-80	А	Low		Along Main Tree Drive	4	
tic systems (serves one single-family home)	R02	R2-81	А	Low		Along Main Tree Drive	4	

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Synthetic Organic Chemicals

#### PWSID 210605.001

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-82	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-83	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-84	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-85	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-86	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-87	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-88	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-89	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-9	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-90	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-91	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-92	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-93	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-94	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-95	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-96	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-97	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-98	А	Low		Along West Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-99	А	Low		Along Long Tree Drive	4	
Livestock stables/corrals	A09	A9-1	В	Low		Along Hillside Drive	2	
Septic systems (serves one single-family home)	R02	R2-113	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-114	В	Low		Along Crooked Tree Drive	5	

# Contaminant Source Inventory and Risk Ranking for

#### PWSID 210605.001

### Valli Vue Water System Sources of Synthetic Organic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-115	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-116	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-117	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-118	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-119	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-120	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-121	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-122	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-123	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-124	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-125	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-126	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-127	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-128	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-129	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-130	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-131	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-132	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-133	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-134	В	Low		Along East Tree Court	5	

# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System

### PWSID 210605.001

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-135	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-136	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-137	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-138	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-139	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-140	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-141	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-142	В	Low		Along East Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-143	В	Low		Along Double Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-144	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-145	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-146	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-147	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-148	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-149	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-150	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-151	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-152	В	Low		Along Macbeth Drive	5	
Septic systems (serves one single-family home)	R02	R2-154	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-155	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-156	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-157	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-158	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-159	В	Low		Along Hillside Drive	5	

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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Synthetic Organic Chemicals

### PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-160	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-161	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-162	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-163	В	Low		Along Treeline Drive	5	
Septic systems (serves one single-family home)	R02	R2-164	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-165	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-166	В	Low		Along Hillside Drive	5	
Septic systems (serves one single-family home)	R02	R2-167	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-168	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-169	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-170	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-171	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-172	В	Low		Along Hampton Drive	5	
Septic systems (serves one single-family home)	R02	R2-173	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-174	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-175	В	Low		Along Upper O'Malley	5	
Septic systems (serves one single-family home)	R02	R2-176	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-177	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-178	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-179	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-180	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-181	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-182	В	Low		Along Upper O'Malley Road	5	

# Contaminant Source Inventory and Risk Ranking for

### PWSID 210605.001

## Valli Vue Water System Sources of Synthetic Organic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-183	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-184	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-185	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-186	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-187	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-188	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-189	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-190	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-191	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-192	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-193	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-194	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-195	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-196	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-197	В	Low		Along Hideaway Lake Drive	5	
Residential Areas	R01	R1-3	С	Low		Residential areas located within Zone C	6	Approximately 280 acres of residential area.

Contaminant Source Inventory and Risk Ranking for

PWSID 210605.001

# Valli Vue Water System Sources of Synthetic Organic Chemicals

	Contaminant			Risk Ranking	Overall Rank		Map	
Contaminant Source Type	Source ID	CS ID tag	Zone	for Analysis	after Analysis	Location	Number	Comments
Septic systems (serves one single-family home)	R02	R2-198-400	С	Low		All septics located within Zone C	7	

Table 7

# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Residential Areas	R01	R1-1	А	Low	1	Residential areas located within Zone A	6	Approximately 80 acres of residential area.
Residential Areas	R01	R1-2	В	Low	2	Residential areas located within Zone B	6	Approximately 150 acres of residentail area.
Highways and roads, paved (cement or asphalt)	X20	X20-1	А	Low	3	Main Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	А	Low	4	Long Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	А	Low	5	Brown Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	А	Low	6	West Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	А	Low	7	O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	А	Low	8	Ridgecrest Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	А	Low	9	Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	А	Low	10	Double Tree Court	2	
Septic systems (serves one single-family home)	R02	R2-1	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-10	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-100	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-101	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-102	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-103	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-104	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-105	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-106	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-107	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-108	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-109	А	Low		Along O'Malley Road	4	
Septic systems (serves one single-family home)	R02	R2-11	А	Low		Along Round Tree Drive	4	

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# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analvsis	Location	Map Number Comments
Septic systems (serves one single-family home)	R02	R2-110	А	Low		Along O'Malley Road	4
Septic systems (serves one single-family home)	R02	R2-111	А	Low		Along O'Malley Road	4
Septic systems (serves one single-family home)	R02	R2-112	А	Low		Along O'Malley Road	4
Septic systems (serves one single-family home)	R02	R2-12	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-13	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-14	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-15	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-16	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-17	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-18	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-19	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-2	А	Low		Along Double Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-20	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-21	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-22	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-23	А	Low		Along Round Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-24	А	Low		Along Main Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-25	А	Low		Along Main Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-26	А	Low		Along Main Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-27	А	Low		Along Main Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-28	А	Low		Along Main Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-29	А	Low		Along Main Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-3	А	Low		Along Double Tree Drive	4
Septic systems (serves one single-family home)	R02	R2-30	А	Low		Along Main Tree Drive	4

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# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number Comments	
Septic systems (serves one single-family home)	R02	R2-31	А	Low	<u> </u>	Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-32	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-33	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-34	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-35	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-36	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-37	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-38	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-39	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-4	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-40	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-41	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-42	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-43	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-44	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-45	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-46	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-47	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-48	А	Low		Along Double Tree Court	4	
Septic systems (serves one single-family home)	R02	R2-49	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-5	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-50	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-51	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-52	А	Low		Along Round Tree Drive	4	

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# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-53	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-54	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-55	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-56	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-57	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-58	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-59	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-6	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-60	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-61	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-62	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-63	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-64	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-65	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-66	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-67	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-68	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-69	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-7	А	Low		Along Double Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-70	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-71	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-72	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-73	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-74	А	Low		Along Long Tree Drive	4	

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# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number Comments	
Septic systems (serves one single-family home)	R02	R2-75	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-76	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-77	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-78	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-79	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-8	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-80	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-81	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-82	А	Low		Along Main Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-83	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-84	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-85	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-86	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-87	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-88	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-89	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-9	А	Low		Along Round Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-90	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-91	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-92	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-93	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-94	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-95	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-96	А	Low		Along Long Tree Drive	4	

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# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

### PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-97	А	Low		Along Long Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-98	А	Low		Along West Tree Drive	4	
Septic systems (serves one single-family home)	R02	R2-99	А	Low		Along Long Tree Drive	4	
Highways and roads, paved (cement or asphalt)	X20	X20-10	А	Low		Round Tree Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	А	Low		Round Tree Drive	2	
Septic systems (serves one single-family home)	R02	R2-113	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-114	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-115	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-116	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-117	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-118	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-119	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-120	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-121	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-122	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-123	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-124	В	Low		Along Round Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-125	В	Low		Along Crooked Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-126	В	Low		Along Crooked Tree Drive	5	

# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

PWSID 210605.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-127	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-128	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-129	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-130	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-131	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-132	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-133	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-134	В	Low		Along East Tree Court	5	
Septic systems (serves one single-family home)	R02	R2-135	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-136	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-137	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-138	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-139	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-140	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-141	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-142	В	Low		Along East Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-143	В	Low		Along Double Tree Drive	5	
Septic systems (serves one single-family home)	R02	R2-144	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-145	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-146	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-147	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-148	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-149	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-150	В	Low		Along O'Malley Road	5	

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# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

### PWSID 210605.001

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
ptic systems (serves one single-family home)	R02	R2-151	В	Low		Along O'Malley Road	5	
tic systems (serves one single-family home)	R02	R2-152	В	Low		Along Macbeth Drive	5	
tic systems (serves one single-family home)	R02	R2-154	В	Low		Along Hillside Drive	5	
tic systems (serves one single-family home)	R02	R2-155	В	Low		Along O'Malley Road	5	
c systems (serves one single-family home)	R02	R2-156	В	Low		Along O'Malley Road	5	
ic systems (serves one single-family home)	R02	R2-157	В	Low		Along O'Malley Road	5	
c systems (serves one single-family home)	R02	R2-158	В	Low		Along Treeline Drive	5	
ic systems (serves one single-family home)	R02	R2-159	В	Low		Along Hillside Drive	5	
ic systems (serves one single-family home)	R02	R2-160	В	Low		Along Hillside Drive	5	
c systems (serves one single-family home)	R02	R2-161	В	Low		Along Treeline Drive	5	
c systems (serves one single-family home)	R02	R2-162	В	Low		Along Hillside Drive	5	
c systems (serves one single-family home)	R02	R2-163	В	Low		Along Treeline Drive	5	
systems (serves one single-family home)	R02	R2-164	В	Low		Along Hillside Drive	5	
systems (serves one single-family home)	R02	R2-165	В	Low		Along Hillside Drive	5	
systems (serves one single-family home)	R02	R2-166	В	Low		Along Hillside Drive	5	
systems (serves one single-family home)	R02	R2-167	В	Low		Along Upper O'Malley	5	
c systems (serves one single-family home)	R02	R2-168	В	Low		Along Upper O'Malley	5	
c systems (serves one single-family home)	R02	R2-169	В	Low		Along Hampton Drive	5	
ic systems (serves one single-family home)	R02	R2-170	В	Low		Along Hampton Drive	5	
ic systems (serves one single-family home)	R02	R2-171	В	Low		Along Hampton Drive	5	
e systems (serves one single-family home)	R02	R2-172	В	Low		Along Hampton Drive	5	
systems (serves one single-family home)	R02	R2-173	В	Low		Along Ellies Drive	5	
e systems (serves one single-family home)	R02	R2-174	В	Low		Along Ellies Drive	5	
c systems (serves one single-family home)	R02	R2-175	В	Low		Along Upper O'Malley	5	
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## Contaminant Source Inventory and Risk Ranking for Valli Vue Water System Sources of Other Organic Chemicals

### PWSID 210605.001

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Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number Comments	
Septic systems (serves one single-family home)	R02	R2-176	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-177	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-178	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-179	В	Low		Along Ellies Drive	5	
Septic systems (serves one single-family home)	R02	R2-180	В	Low		Along O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-181	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-182	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-183	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-184	В	Low		Along Upper O'Malley Road	5	
Septic systems (serves one single-family home)	R02	R2-185	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-186	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-187	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-188	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-189	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-190	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-191	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-192	В	Low		Along Hideaway Lake Drive	5	

# Contaminant Source Inventory and Risk Ranking for Valli Vue Water System

#### PWSID 210605.001

# Sources of Other Organic Chemicals

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Map Number	Comments
Septic systems (serves one single-family home)	R02	R2-193	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-194	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-195	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-196	В	Low		Along Hideaway Lake Drive	5	
Septic systems (serves one single-family home)	R02	R2-197	В	Low		Along Hideaway Lake Drive	5	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	Low		Crooked Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	Low		Tree Top Lane	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	Low		Double Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	В	Low		East Tree Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	Low		East Tree Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	В	Low		Stonybrook Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	В	Low		Macbeth Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	В	Low		O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-19	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-20	В	Low		Treeline Court	2	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	Low		Hillside Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-22	В	Low		Upper O'Malley Road	2	
Highways and roads, paved (cement or asphalt)	X20	X20-23	В	Low		Hideaway Lake Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-24	В	Low		Hideaway Lake Circle	2	
Highways and roads, paved (cement or asphalt)	X20	X20-25	В	Low		Ellies Drive	2	
Highways and roads, paved (cement or asphalt)	X20	X20-26	В	Low		Hampton Drive	2	

# Contaminant Source Inventory and Risk Ranking for

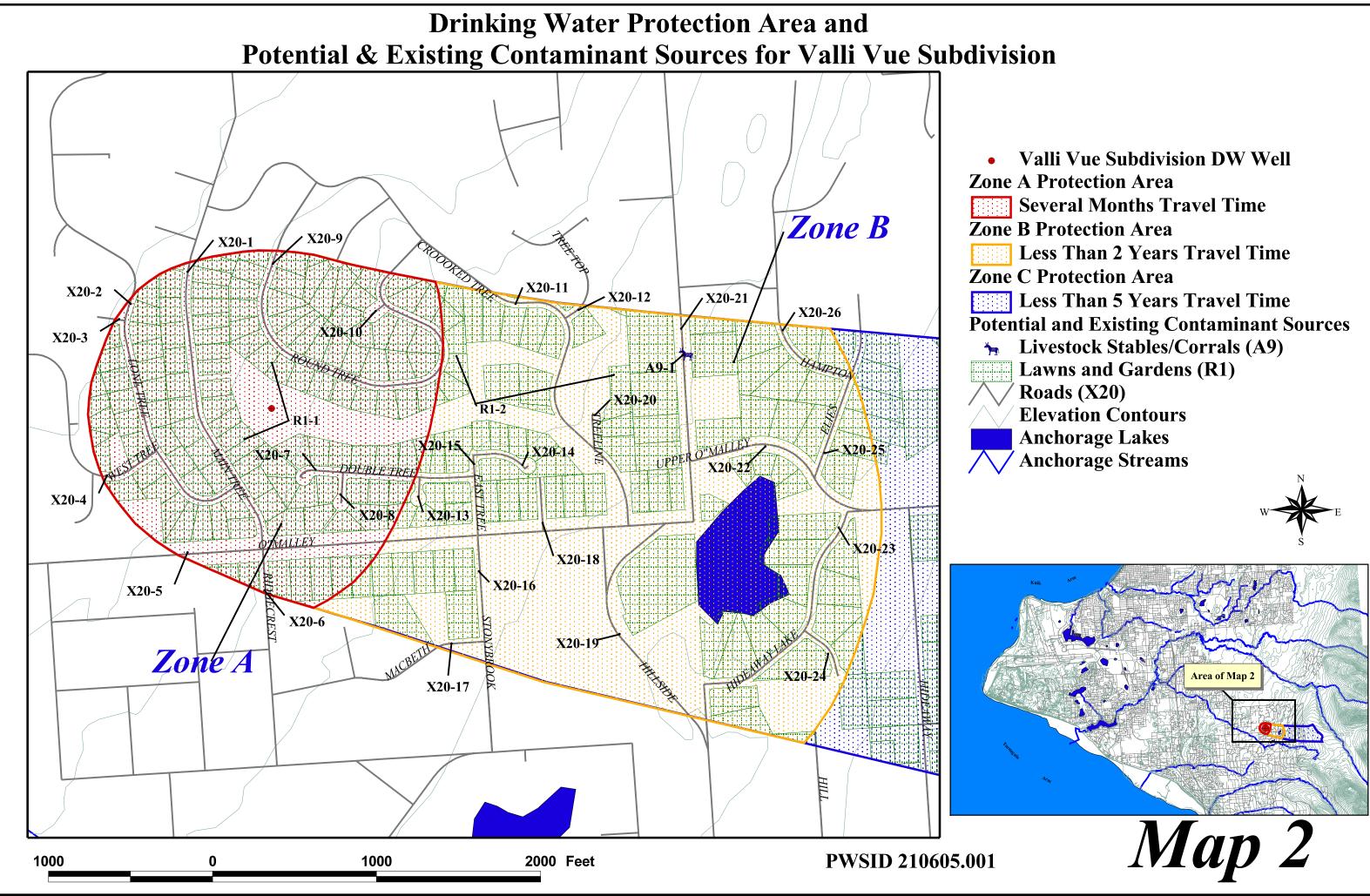
#### PWSID 210605.001

## Valli Vue Water System Sources of Other Organic Chemicals

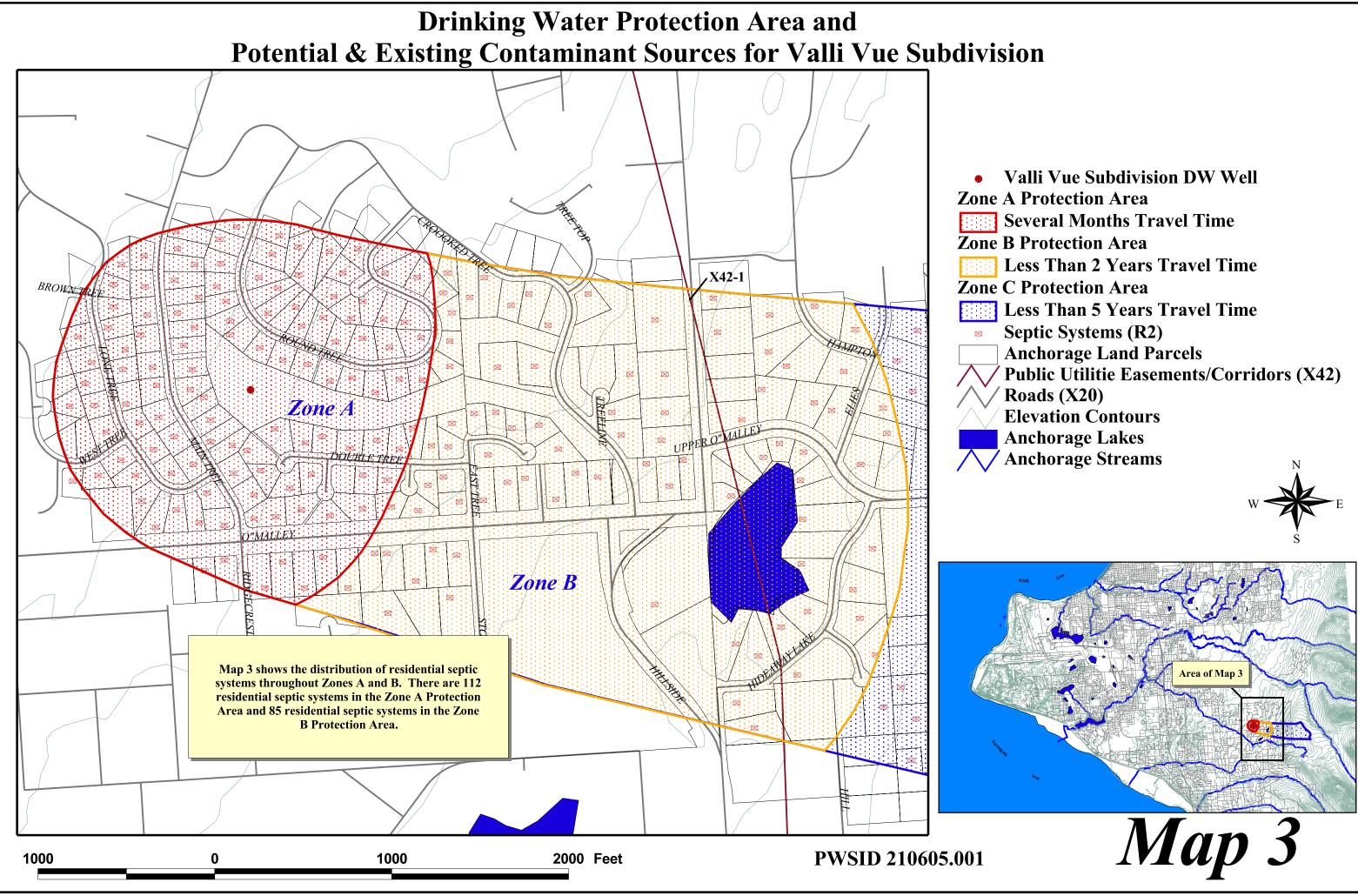
Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone		Overall Rank after Analysis	Location	Map Number	Comments
Residential Areas	R01	R1-3	С	Low		Residential areas located within Zone C	6	Approximately 280 acres of residential area.
Septic systems (serves one single-family home)	R02	R2-198-400	С	Low		All septics located within Zone C	7	
Highways and roads, paved (cement or asphalt)	X20	X20-27-45	С	Low		All roads located within Zone C	3	

# **APPENDIX C**

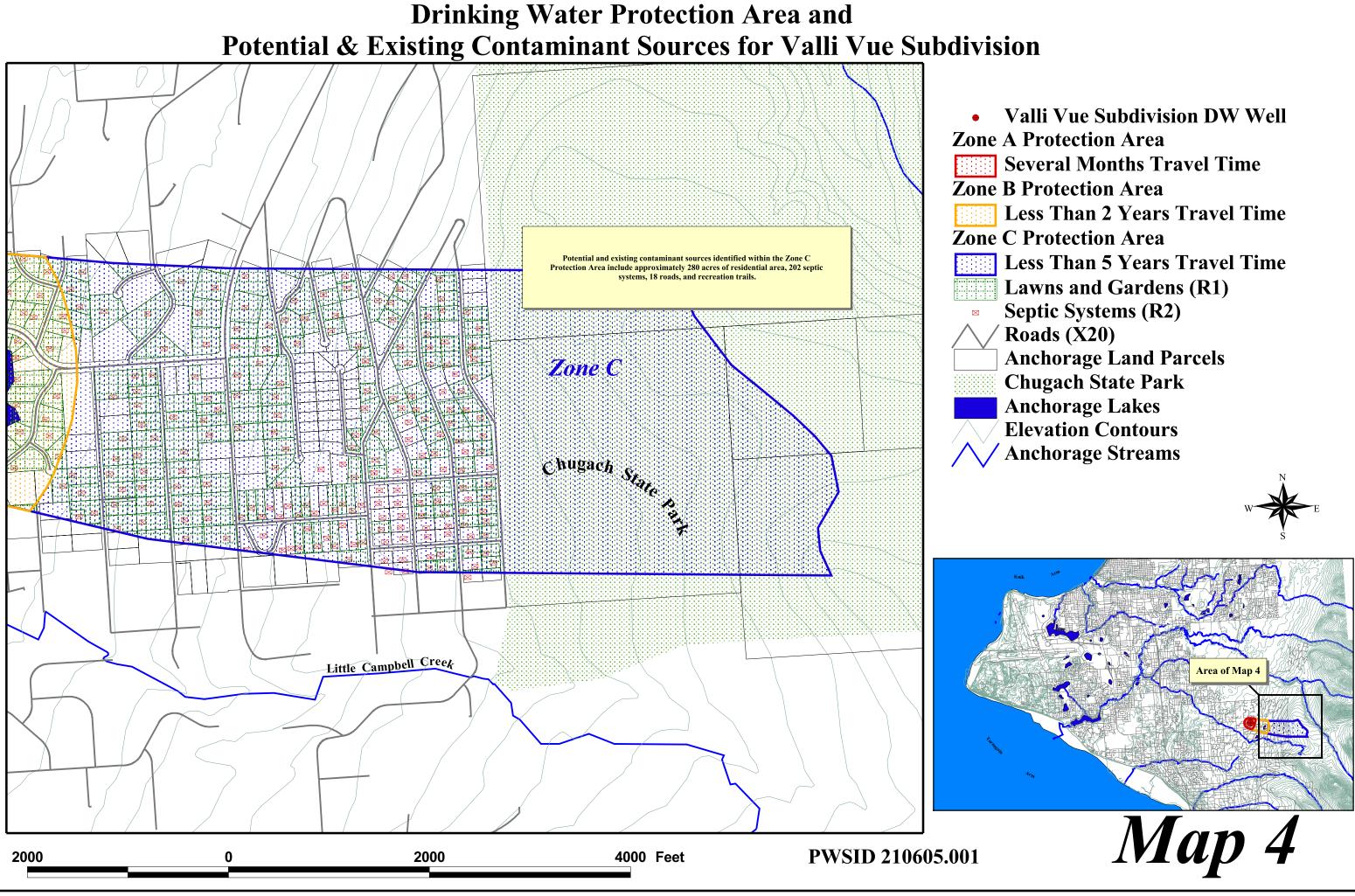
Valli Vue Subdivision's Drinking Water Protection Area and Potential & Existing Contaminant Sources













# **APPENDIX D**

Vulnerability Analysis for Valli Vue Subdivision

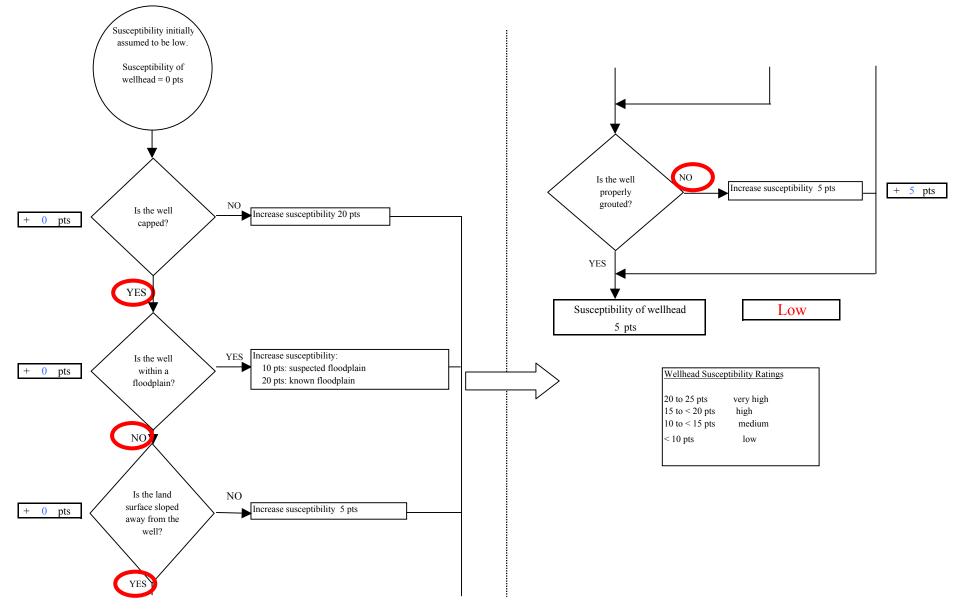
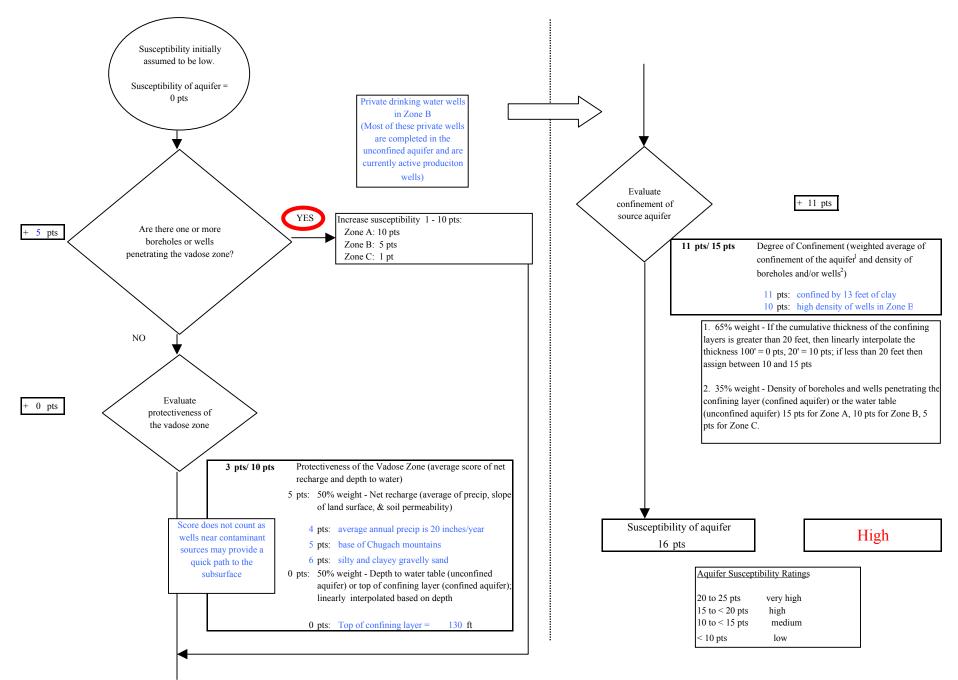
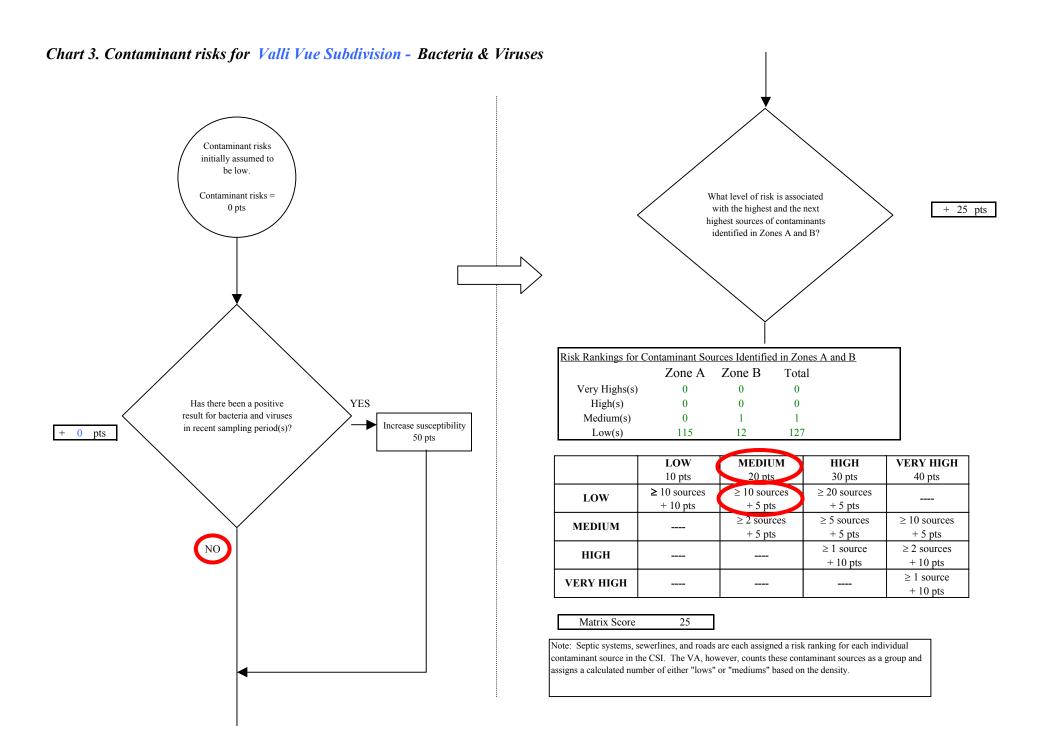
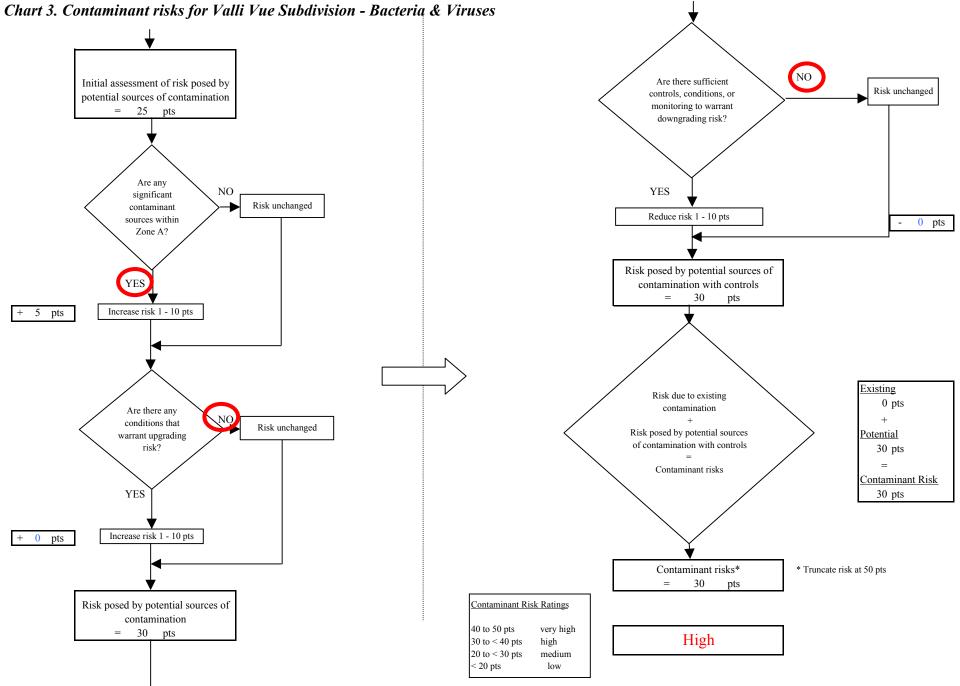


Chart 1. Susceptibility of the wellhead - Valli Vue Subdivision

### Chart 2. Susceptibility of the aquifer - Valli Vue Subdivision







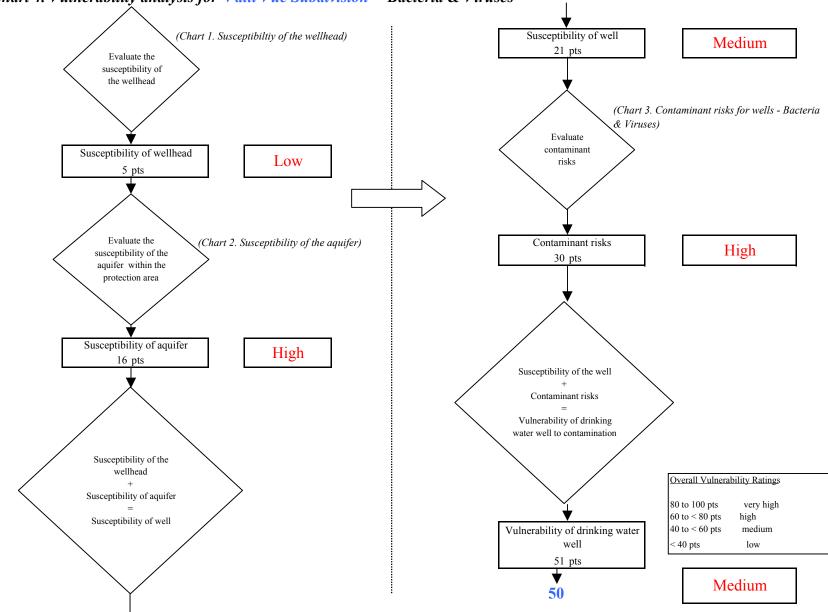


Chart 4. Vulnerability analysis for Valli Vue Subdivision - Bacteria & Viruses

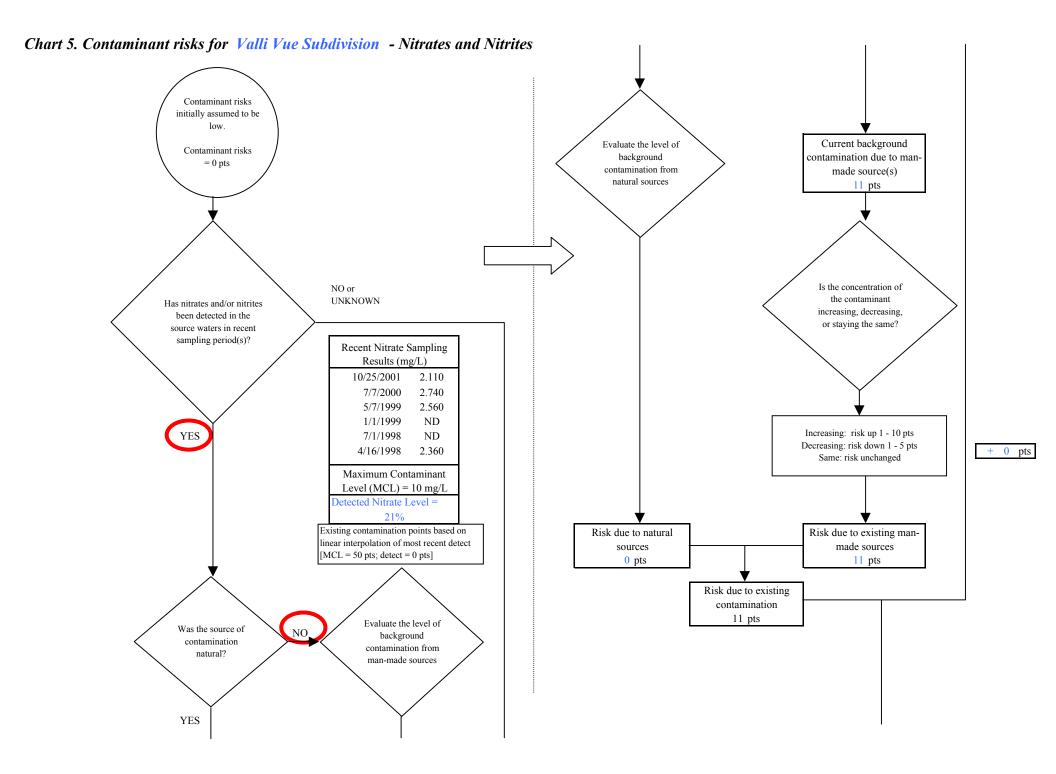
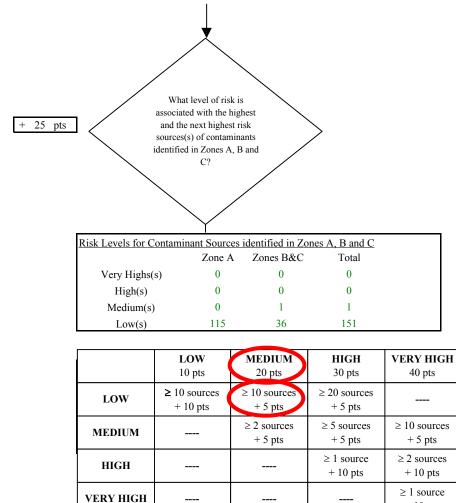


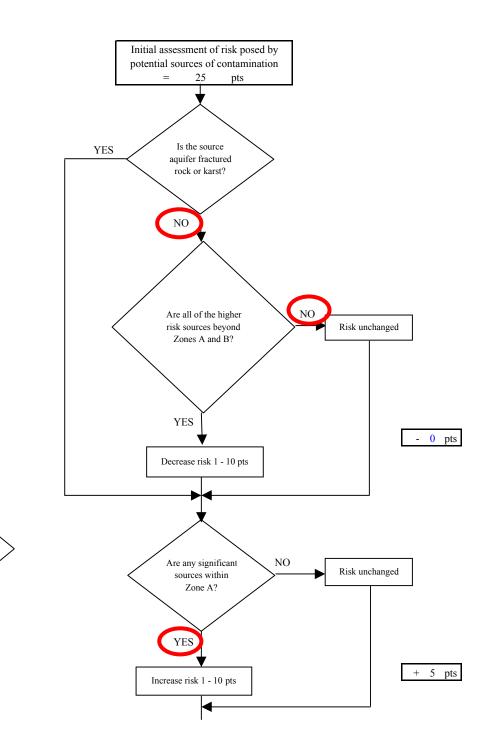
Chart 5. Contaminant risks for Valli Vue Subdivision - Nitrates and Nitrites



Matrix Score

Note: Septic systems, sewerlines, and roads are each assigned a risk ranking for each individual contaminant source in the CSI. The VA, however, counts these contaminant sources as a group and assigns a calculated number of either "lows" or "mediums" based on the density.

25



+ 10 pts

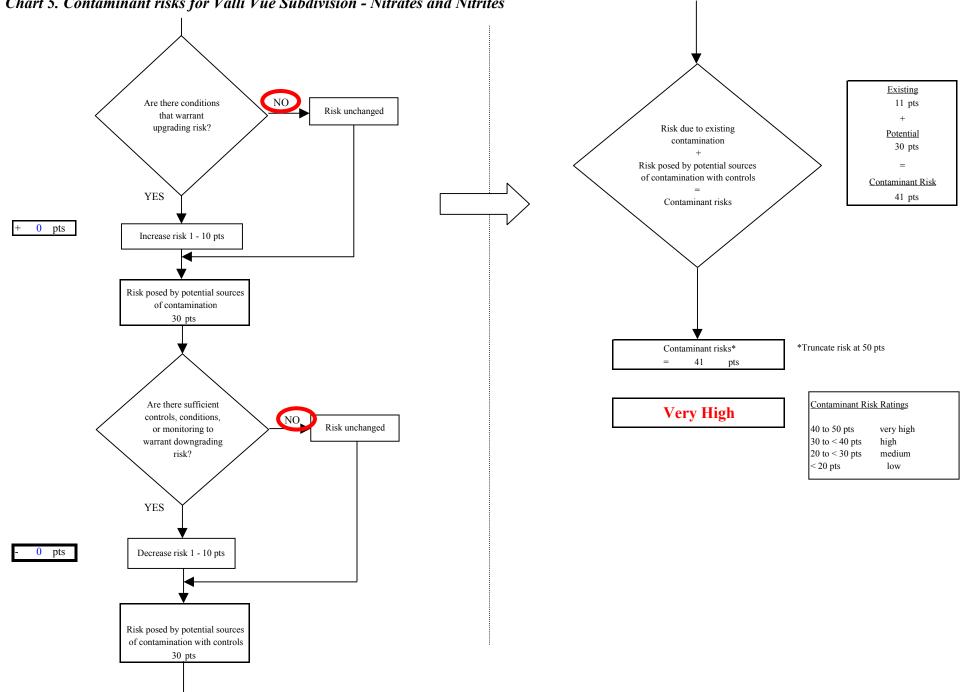


Chart 5. Contaminant risks for Valli Vue Subdivision - Nitrates and Nitrites

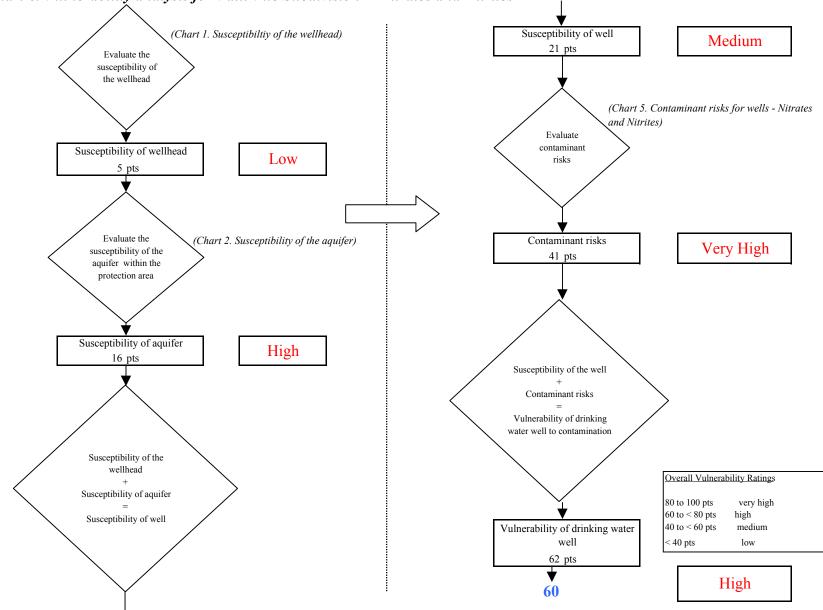
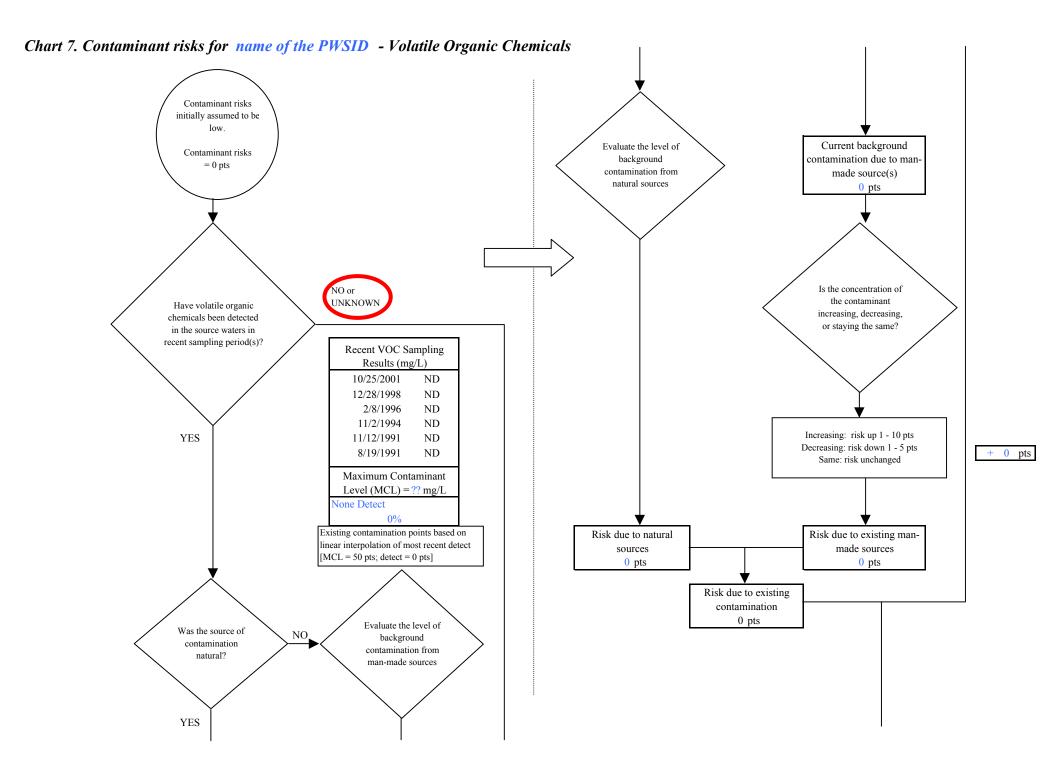


Chart 6. Vulnerability analysis for Valli Vue Subdivision - Nitrates and Nitrites



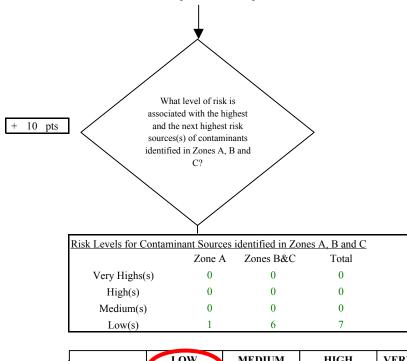


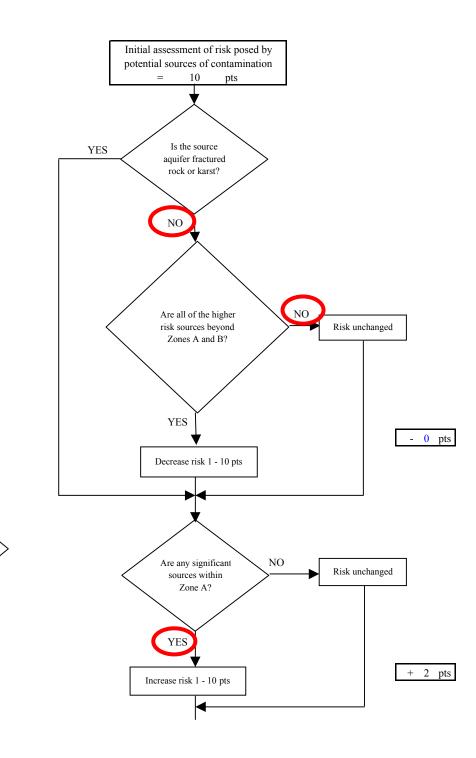
Chart 7. Contaminant risks	for name of the PWSID -	- Volatile Organic Chemicals

	LOW 10 pts	MEDIUM 20 pts	HIGH 30 pts	VERY HIGH 40 pts
LOW	≥ 10 sources + 10 pts	$\geq 10 \text{ sources}$ + 5 pts	≥ 20 sources + 5 pts	
MEDIUM		≥ 2 sources + 5 pts	≥ 5 sources + 5 pts	$\geq$ 10 sources + 5 pts
HIGH			$\geq$ 1 source + 10 pts	$\geq$ 2 sources + 10 pts
VERY HIGH				$\geq$ 1 source + 10 pts

Matrix Score

Note: Septic systems, sewerlines, and roads are each assigned a risk ranking for each individual contaminant source in the CSI. The VA, however, counts these contaminant sources as a group and assigns a calculated number of either "lows" or "mediums" based on the density.

10



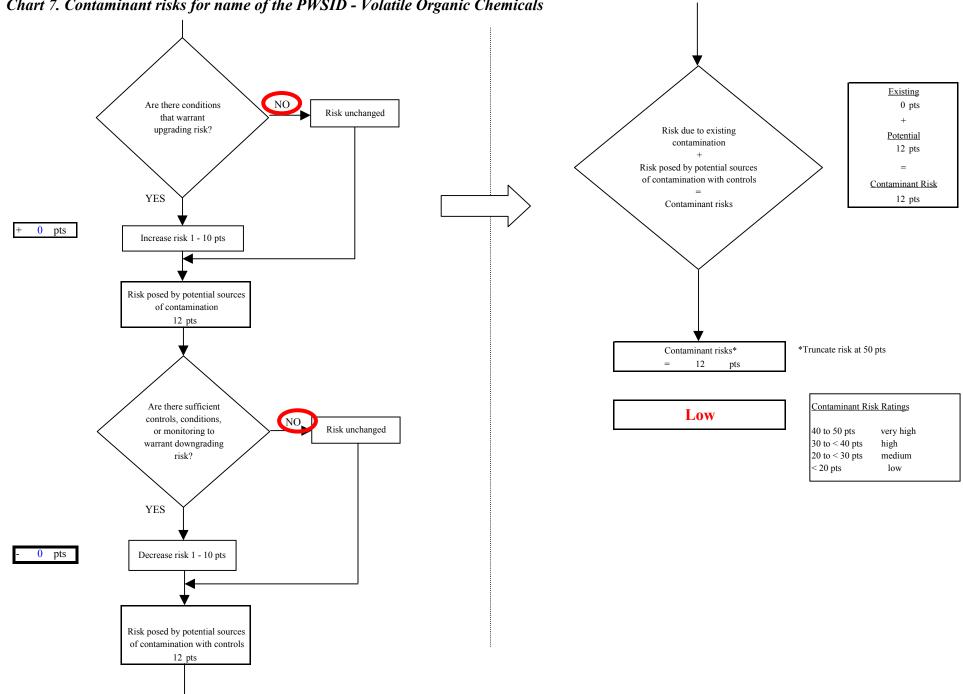


Chart 7. Contaminant risks for name of the PWSID - Volatile Organic Chemicals

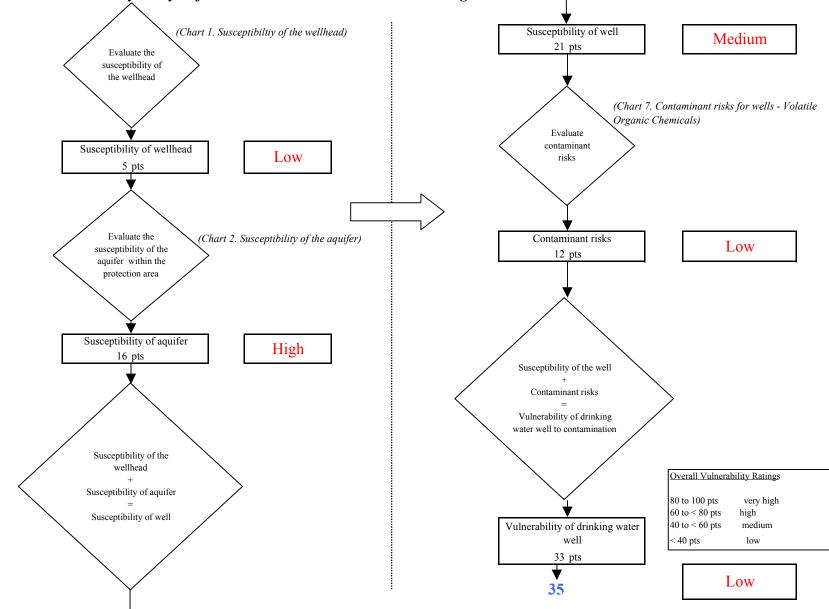
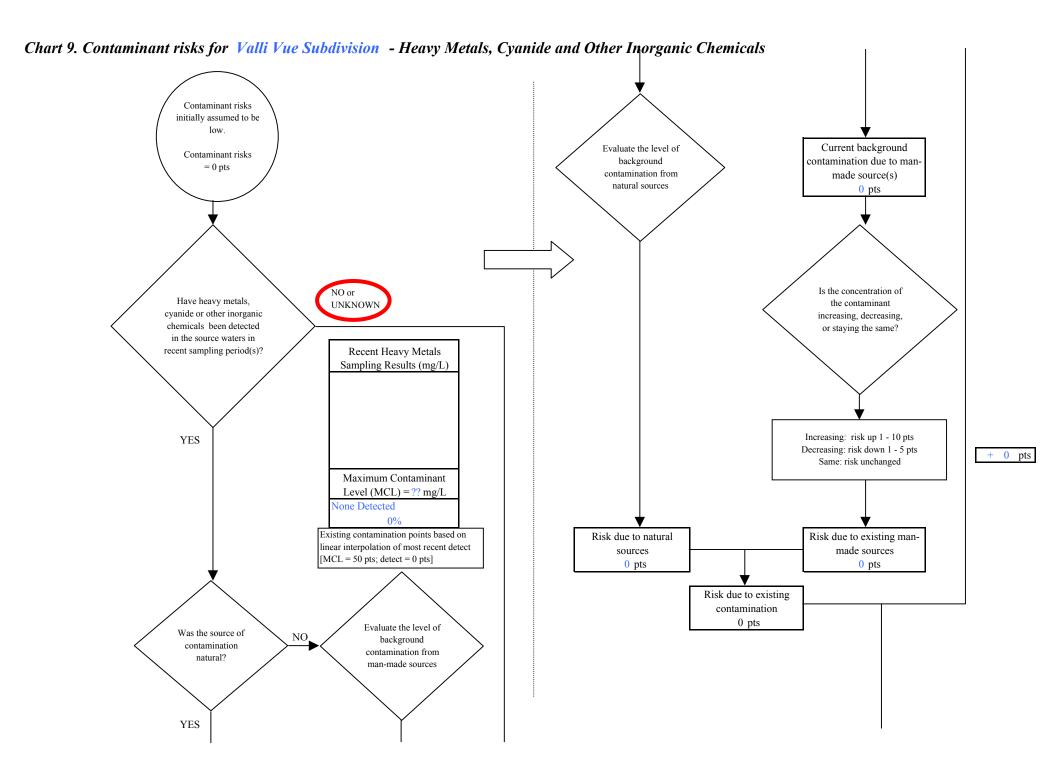
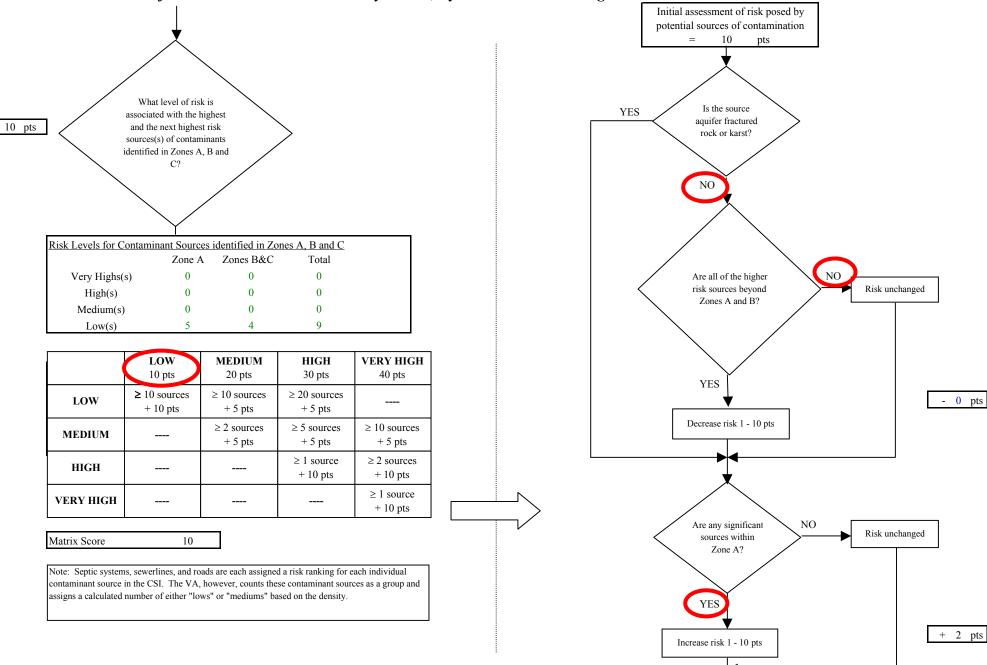


Chart 8. Vulnerability analysis for Valli Vue Subdivision - Volatile Organic Chemicals





### Chart 9. Contaminant risks for Valli Vue Subdivision - Heavy Metals, Cyanide and Other Inorganic Chemicals

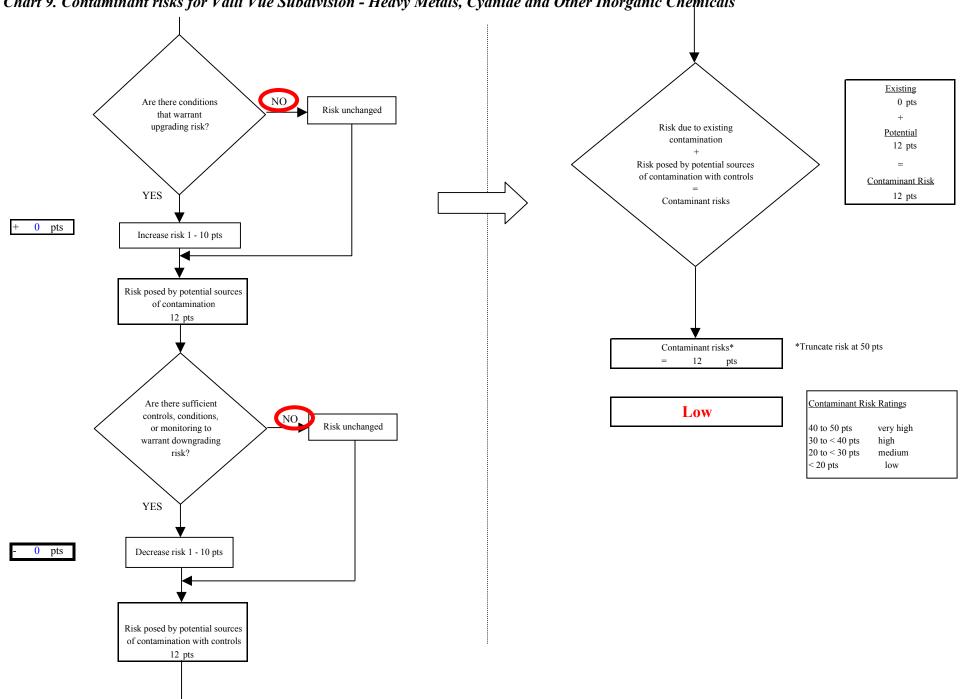


Chart 9. Contaminant risks for Valli Vue Subdivision - Heavy Metals, Cyanide and Other Inorganic Chemicals

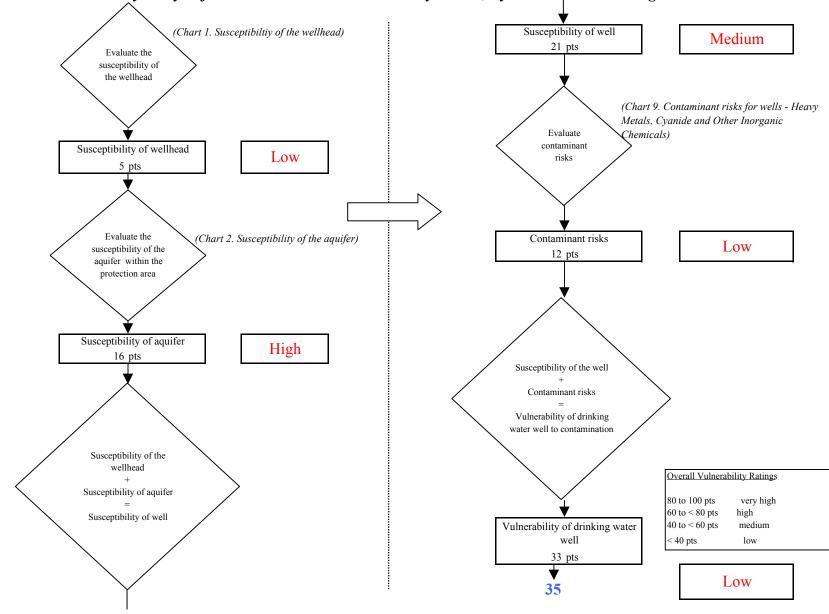
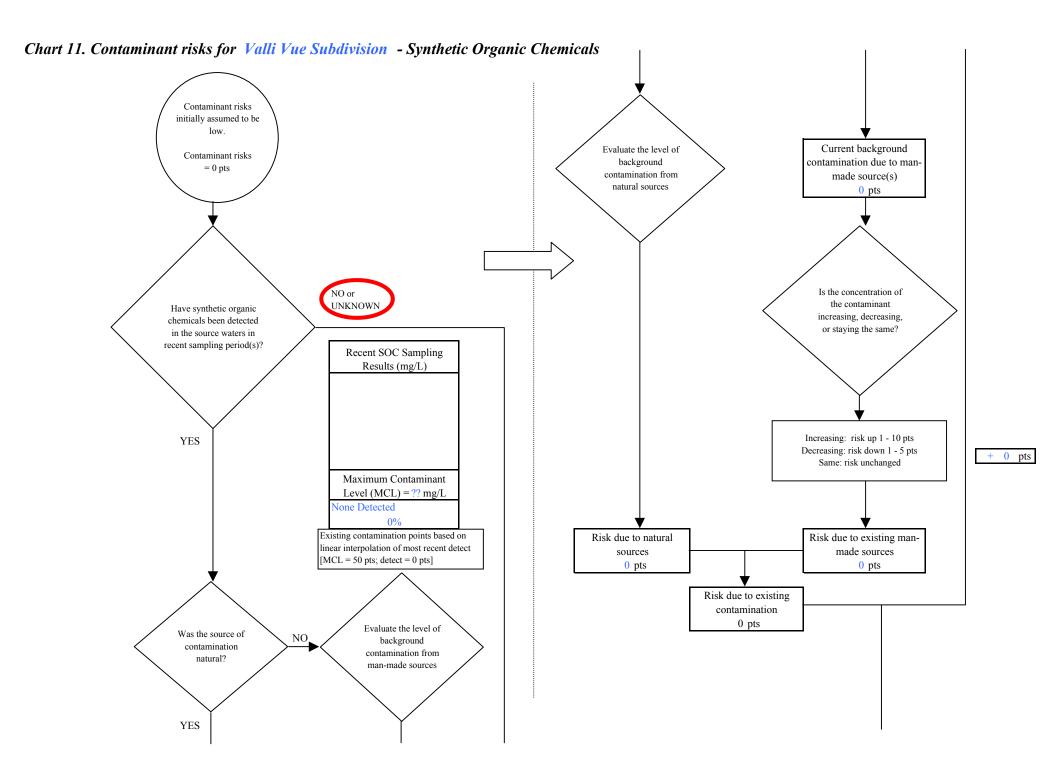


Chart 10. Vulnerability analysis for Valli Vue Subdivision - Heavy Metals, Cyanide and Other Inorganic Chemicals



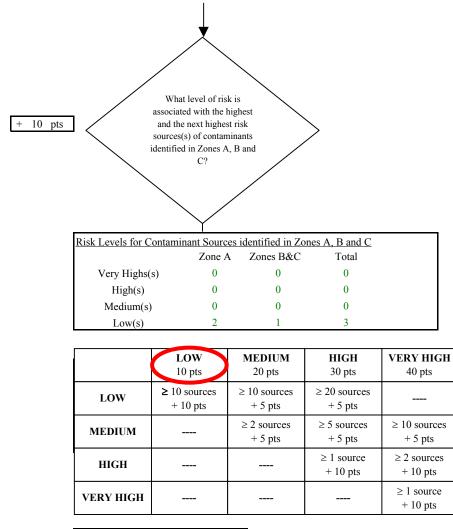
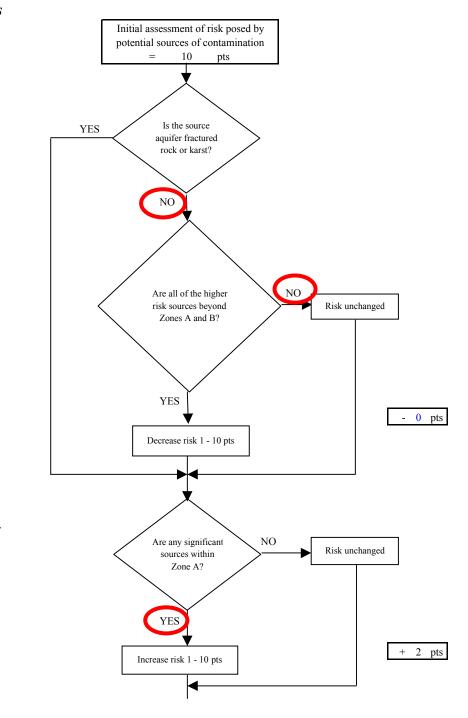


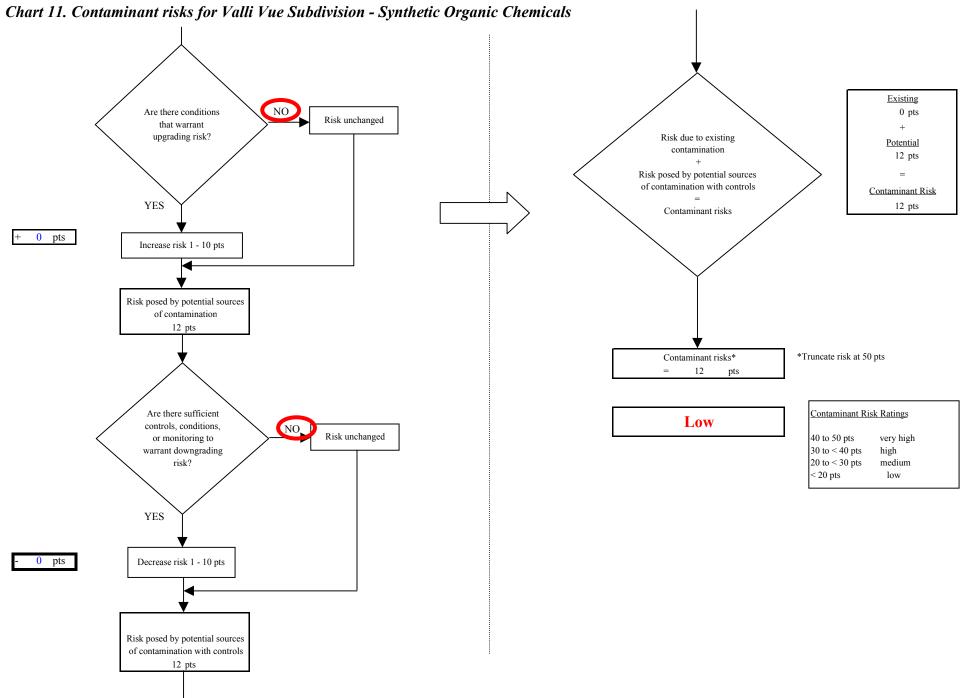
Chart 11. Contaminant risks for Valli Vue Subdivision - Synthetic Organic Chemicals

Matrix Score

Note: Septic systems, sewerlines, and roads are each assigned a risk ranking for each individual contaminant source in the CSI. The VA, however, counts these contaminant sources as a group and assigns a calculated number of either "lows" or "mediums" based on the density.

10





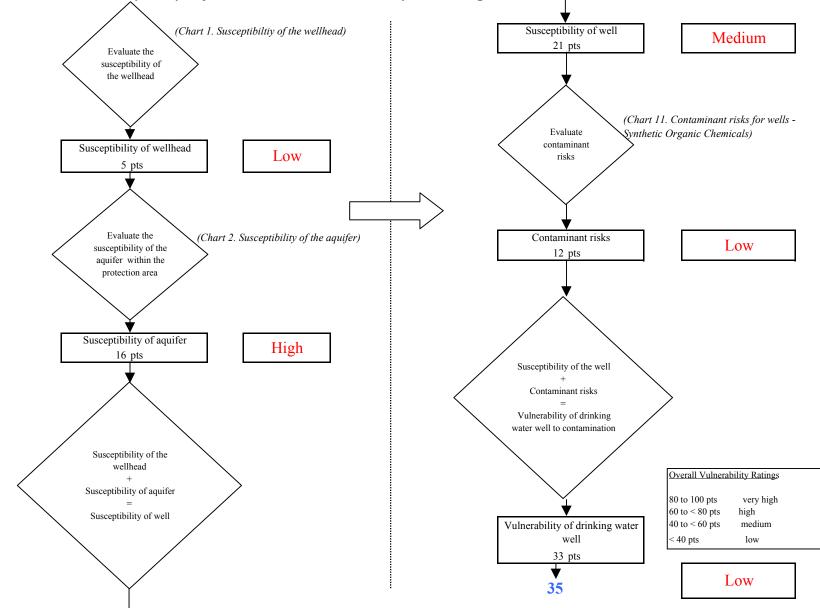
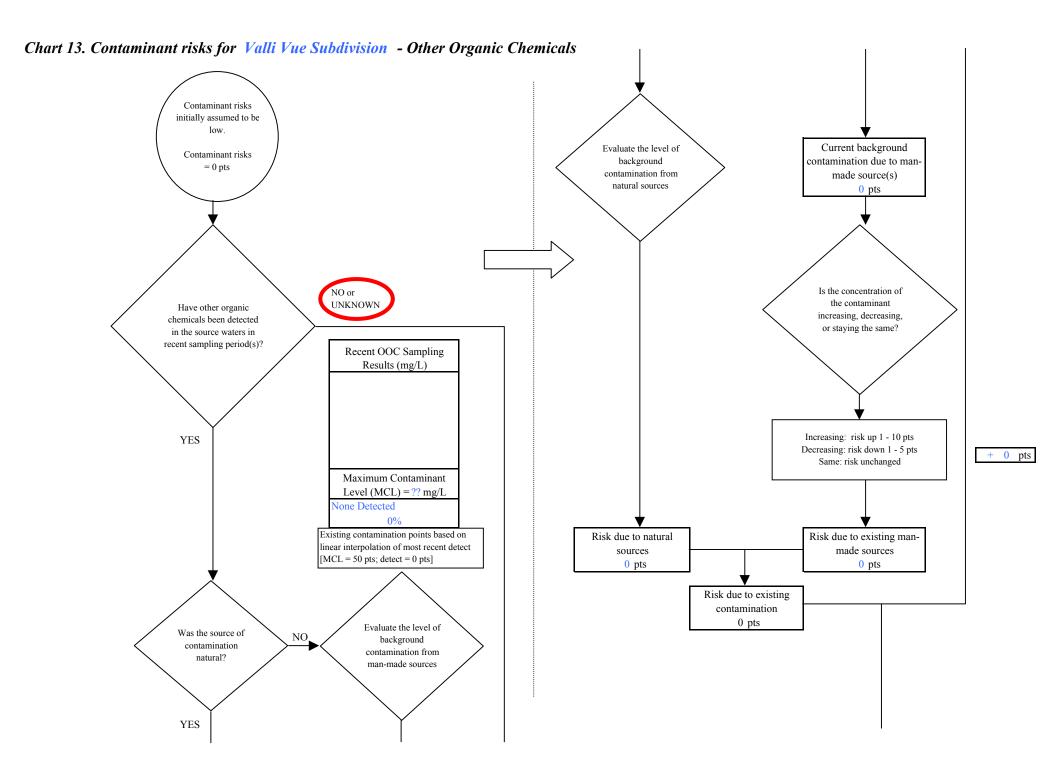


Chart 12. Vulnerability analysis for Valli Vue Subdivision - Synthetic Organic Chemicals



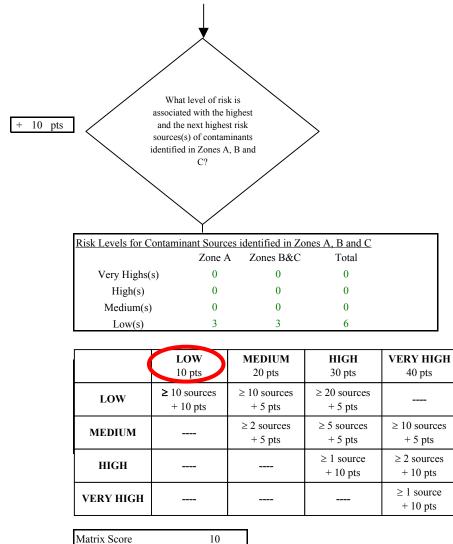
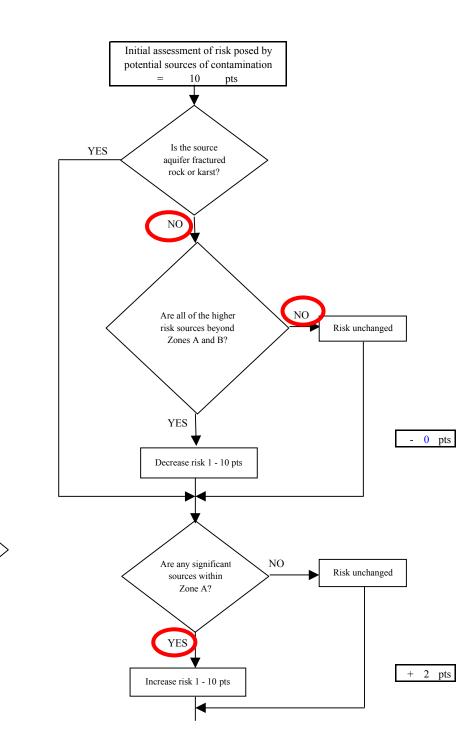


Chart 13. Contaminant risks for Valli Vue Subdivision - Other Organic Chemicals

Note: Septic systems, sewerlines, and roads are each assigned a risk ranking for each individual contaminant source in the CSI. The VA, however, counts these contaminant sources as a group and assigns a calculated number of either "lows" or "mediums" based on the density.



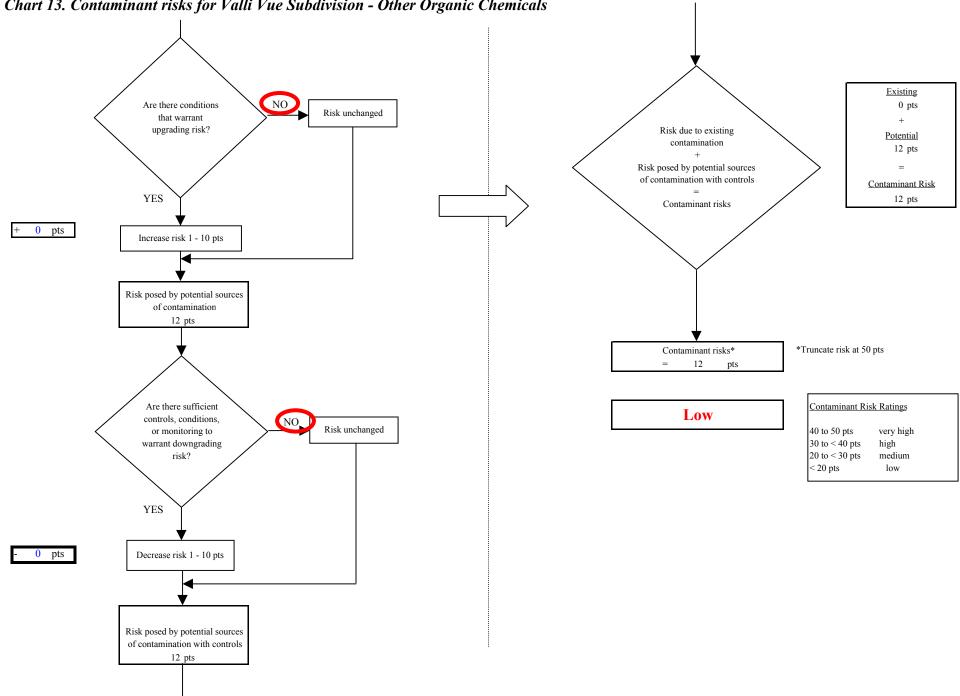


Chart 13. Contaminant risks for Valli Vue Subdivision - Other Organic Chemicals

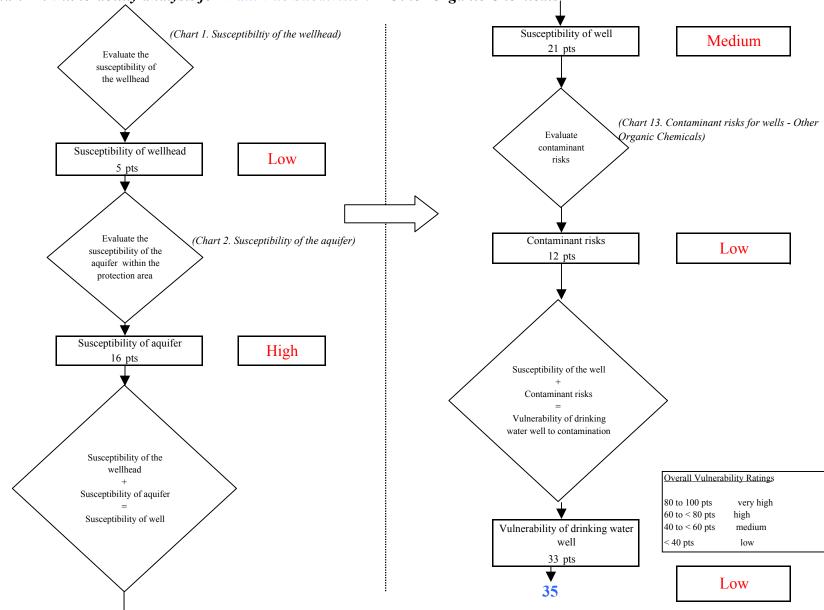


Chart 14. Vulnerability analysis for Valli Vue Subdivision - Other Organic Chemicals