



Source Water Assessment

A Hydrogeologic Susceptibility and
Vulnerability Assessment for
Romig Park Subdivision,
Anchorage, Alaska
PWSID # 211114.001

DRINKING WATER PROTECTION PROGRAM REPORT 780

Alaska Department of Environmental Conservation

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The Drinking Water Protection Program is producing Source Water Assessments in compliance with the Safe Drinking Water Act Amendments of 1996. Each assessment includes a delineation of the source water area, an inventory of potential and existing contaminant sources that may impact the water, a risk ranking for each of these contaminants, and an evaluation of the potential vulnerability of these drinking water sources.

These assessments are intended to provide public water systems owners/operators, communities, and local governments with the best available information that may be used to protect the quality of their drinking water. The assessments combine information obtained from various sources, including the U.S. Environmental Protection Agency, Alaska Department of Environmental Conservation (ADEC), public water system owners/operators, and other public information sources. The results of this assessment are subject to change if additional data becomes available. If you have any additional information that may affect the results of this assessment, please contact the Program Coordinator of DWPP, (907) 269-7521.

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Source Water Assessment for Romig Park Subdivision Source of Public Drinking Water, Anchorage, Alaska

Drinking Water Protection Program Alaska Department of Environmental Conservation

EXECUTIVE SUMMARY

The public water system for Romig Park Subdivision is a Class A (community) water system consisting of one well in the Anchorage area. Identified potential and existing sources of contaminants for Romig Park Subdivision include: sewer lines, roads, residential areas, underground fuel tanks, recognized contaminated sites, Leaking Underground Storage Tank (LUST), recreational trails, dry cleaners, florists and numerous commercial and industrial activities. Overall, Romig Park Subdivision received a vulnerability rating of **Medium** for bacteria and viruses, nitrate/nitrites, synthetic organic chemicals and other organic chemicals, **High** for volatile organic chemicals and inorganic chemicals

INTRODUCTION

The Alaska Department of Environmental Conservation (ADEC) is completing source water assessments for all public drinking water sources in the State of Alaska. The purpose of this 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. The results of this source water assessment can be used to decide where voluntary protection efforts are needed and feasible, and what efforts will be most effective in reducing contaminant risks to your water system.

This source water assessment combines a review of the natural conditions at the site and the potential and existing contaminant risks. These are combined to determine the overall vulnerability of the drinking water source to contamination.

DESCRIPTION OF THE ANCHORAGE AREA, ALASKA

Location

Anchorage, located in south-central 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 Arm 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 1. Index map showing the location of Anchorage, Alaska

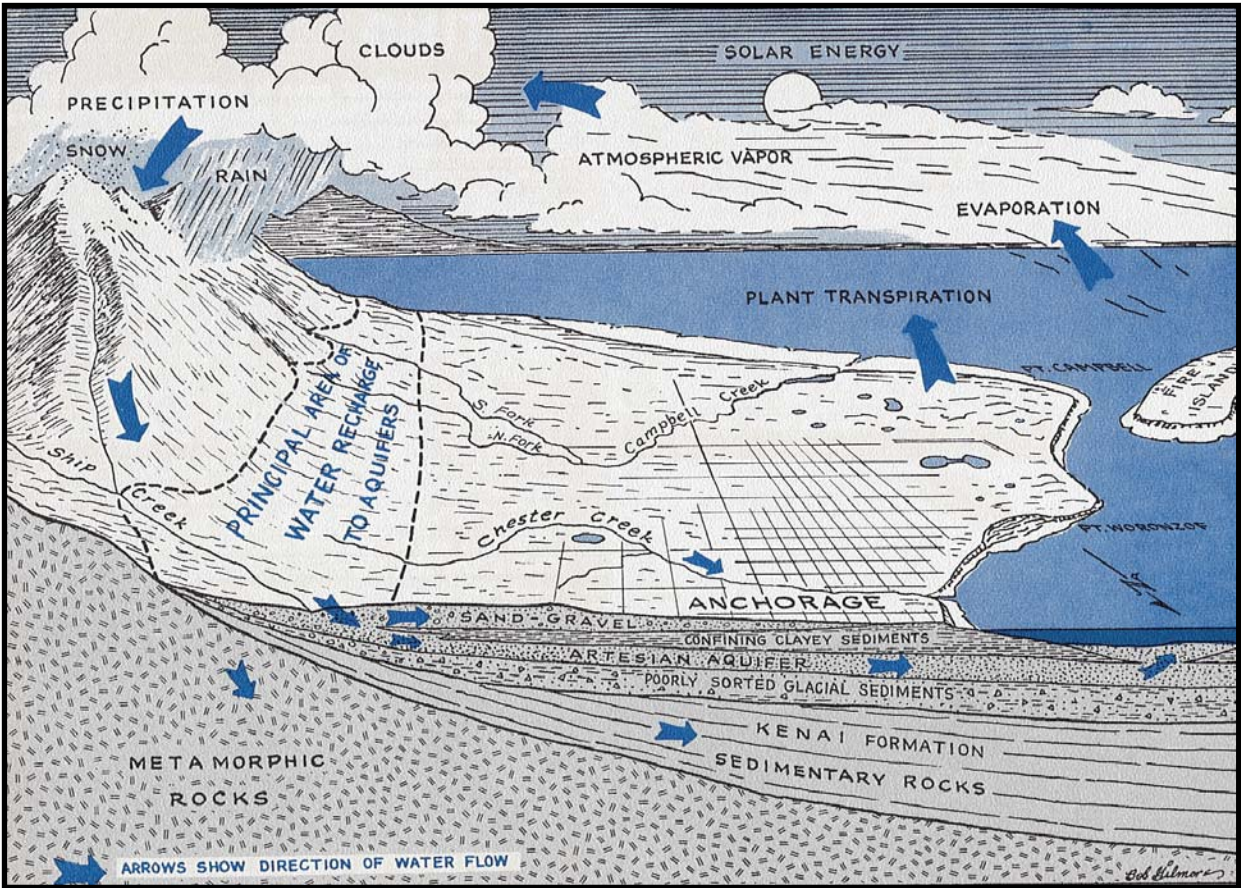


Figure 2. Generalized hydrologic cycle in the Anchorage area [Barnwell, George, Dearborn, Weeks, and Zenone, 1972].

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 enters 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 surficial topography as well as its close connection with surface water bodies.

ROMIG PARK SUBDIVISION PUBLIC DRINKING WATER SYSTEM

Romig Park Subdivision is a Class A (community) water system. The system consists of one well in the Anchorage area. (See Map 1 of Appendix A).

The well is located off of Spenard Road, at an elevation of approximately 75feet above sea level.

The 1996 Sanitary Survey indicates that the well is installed with a cap providing a sanitary seal. A properly installed sanitary seal may provide protection against contaminants from entering the source waters at the well casing. Due to the date that the well was installed, 1950’s, it is suspected that the well was not grouted according to current ADEC regulations. Proper grouting provides added protection against contaminants traveling along the well casing and into source waters.

Records indicate that the depth of the well is 187 feet below surface level and the static water level in 1998 was 53 feet bsl. The well log for this well could not be located. A well log for a nearby well indicates that there is a confining layer from 28 feet to 109 feet below surface level (bsl). The confining layers may provide protection from contaminates entering the aquifer. However, the protectiveness of the clay layers tend to thin out towards the mountains allowing contaminants that enter the subsurface near the base of the mountains to enter the confined aquifer uninhibited by the absence of any protective layer.

This system operates 365 days per year and serves 393 residents and 90 non-residents through 131 service connections.

ROMIG PARK SUBDIVISION PROTECTION AREA

In order to evaluate whether a drinking water source is at risk, we must first evaluate what are the most likely pathways for surface contamination to reach the groundwater. Some areas are more likely to allow contamination to reach the well than others. These areas are determined by looking at the characteristics of the soil, groundwater, aquifer, and well.

The most probable area for contamination to reach the drinking water well is the area that contributes water to the well, the groundwater recharge area. This area is designated as the Drinking Water Protection Area (DWPA). Because releases of contaminants within the DWPA are most likely to impact the drinking water well, this area will serve as the focus for voluntary protection efforts.

An outline of the immediate watershed was used to determine the size and shape of the DWPA for Romig Park Subdivision. Available geology was also considered to take into account any uncertainties in groundwater flow and aquifer characteristics to arrive at a meaningful DWPA (Please refer to the Guidance Manual for Class A Public Water Systems for additional information).

The DWPAs established for wells by the ADEC are usually separated into four zones, limited by the watershed. These zones correspond to differences in the time-of-travel (TOT) of the water moving through the aquifer to the well. An analytical calculation was used to determine the size and shape of the DWPA. 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*), and State of Alaska Department of Water Resources (*Jokela et. al., 1991*).

The time of travel for contaminants within the water varies and is dependent on the physical and chemical characteristics of each contaminant. The following is a summary of the four DWPA zones and the calculated time-of-travel for each:

Table 1. Definition of Zones

Zone	Definition
A	¼ the distance for the 2-yr. TOT
B	Less than the 2 year TOT
C	Less Than the 5 year TOT
D	Less than the 10 year TOT

INVENTORY OF POTENTIAL AND EXISTING CONTAMINANT SOURCES

The Drinking Water Protection Program has completed an inventory of potential and existing sources of contamination within Romig Park Subdivision DWPA. This inventory was completed through a search of agency records and other publicly available information. Potential sources of contamination to the drinking water aquifer include 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 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, and
- Other organic chemicals.

The sources are displayed on Maps 2 -10 in Appendix C and summarized in Table 1 of Appendix B.

RANKING OF CONTAMINANT RISKS

Once the potential and existing sources of contamination have been identified, they are assigned a ranking 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.

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, volatile organic chemicals, heavy metals, synthetic organic chemicals, and other organic chemicals.

VULNERABILITY OF ROMIG PARK SUBDIVISION 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 has been analyzed and an overall vulnerability score of 0 to 100 is ultimately assigned:

$$\begin{aligned} & \text{Natural Susceptibility (0 – 50 points)} \\ & \qquad \qquad \qquad + \\ & \text{Contaminant Risks (0 – 50 points)} \\ & \qquad \qquad \qquad = \\ & \text{Vulnerability of the} \end{aligned}$$

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.

$$\begin{aligned} & \text{Susceptibility of the Wellhead (0 – 25 Points)} \\ & \qquad \qquad \qquad + \\ & \text{Susceptibility of the Aquifer (0 – 25 Points)} \\ & \qquad \qquad \qquad = \\ & \text{Natural Susceptibility (Susceptibility of the Well)} \\ & \qquad \qquad \qquad \text{(0 – 50 Points)} \end{aligned}$$

Table 2 shows the Susceptibility scores and ratings for the well serving Romig Park Subdivision.

Table 2. Susceptibility of the well

	Score	Rating
Susceptibility of the Wellhead	5	Low
Susceptibility of the Aquifer	6	Low
Natural Susceptibility	11	Low

Contaminant risks to a drinking water source depend on the type, number or density, and distribution of contaminant sources. This data has been derived from an examination of existing and historical contamination that has been detected at the drinking water source through routine sampling. It also evaluates potential sources of contamination. Table 3 summarizes the Contaminant Risks for each category of drinking water contaminants.

Table 3. Contaminant Risks

Category	Score	Rating
Bacteria and Viruses	35	High
Nitrates and/or Nitrites	35	High
Volatile Organic Chemicals	50	Very High
Heavy Metals, Cyanide, and Other Inorganic Chemicals	50	Very High
Synthetic Organic Chemicals	42	Very High
Other Organic Chemicals	42	Very High

Appendix D contains fourteen charts, which together form the ‘Vulnerability Analysis’ for a source water assessment for a public drinking water source. 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 Analyses for nitrates and nitrites, volatile organic chemicals, heavy metals, synthetic organic chemicals, and other organic chemicals, respectively. Table 4 contains the overall vulnerability scores (0 – 100) and ratings for each of the six categories of drinking water contaminants. Note: scores are rounded off to the nearest five.

Table 4. Overall Vulnerability

Category	Score	Rating
Bacteria and Viruses	45	Medium
Nitrates and Nitrites	45	Medium
Volatile Organic Chemicals	60	High
Heavy Metals, Cyanide and Other Inorganic Chemicals	70	High
Synthetic Organic Chemicals	50	Medium
Other Organic Chemicals	50	Medium

Bacteria and Viruses

The contaminant risk for bacteria and viruses is high with sewer lines presenting the most significant risk to the drinking water well (See Chart 3 – Contaminant Risks for Bacteria and Viruses in Appendix D).

Recent sampling of the well indicates that no bacteria and viruses have been detected. .

After combining the contaminant risk for bacteria and viruses with the natural susceptibility of the well, the overall vulnerability is medium.

Nitrates and Nitrites

The contaminant risk for nitrates and nitrites is high with sewer lines and residential areas presenting the most significant risk to the drinking water well.

Recent historical sampling data indicates that nitrates have not been detected in source waters.

After combining the contaminant risk for nitrates and nitrites with the natural susceptibility of the well, the overall vulnerability of the well to contamination is medium.

Volatile Organic Chemicals

The contaminant risk for volatile organic chemicals is very high with underground fuel tanks, Leaking Underground Storage Tank (LUST) sites and roads presenting the most significant risk to the drinking water source. (See Chart 7 – Contaminant Risks for Volatile Organic Chemicals in Appendix D).

Recent sampling indicates that no volatile organic chemicals have been detected in the source waters.

After combining the contaminant risk for volatile organic chemicals with the natural susceptibility of the well, the overall vulnerability of the well to contamination is high.

Heavy Metals, Cyanide, and Other Inorganic Chemicals

The contaminant risk for heavy metals, cyanide and other inorganic chemicals is very high with underground fuel tanks, roads and existing contamination presenting the most significant risk to the drinking water source (See Chart 9 – Contaminant Risks for Heavy Metals, Cyanide, and Other Inorganic Chemicals in Appendix D).

The Sampling on 11/6/92 indicates that arsenic was detected at 0.11 mg/l (>100% % of the current MCL of 0.01 mg/l) in source waters. See Chart 9 – Contaminant Risks for Heavy Metals and Other Inorganic Chemicals in Appendix D). The MCL for arsenic has recently been lowered from 0.050 mg/l to 0.01 mg/l.

According to the EPA, “Arsenic occurs naturally in rocks and soil, water, air, and plants and animals. It can be further released into the environment through natural activities such as volcanic action, erosion of rocks, and

forest fires, or through human actions. Approximately 90 percent of industrial arsenic in the U.S. is currently used as a wood preservative, but arsenic is also used in paints, dyes, metals, drugs, soaps, and semi-conductors. Agricultural applications, mining, and smelting also contribute to arsenic releases in the environment.” (USEPA, 2001). It is likely that the arsenic detected is from natural sources.

Studies have linked long-term exposure to arsenic in drinking water to cancer of the bladder, lungs, skin, kidney, nasal passages, liver, and prostate. Non-cancer effects of ingesting arsenic include cardiovascular, Pulmonary, immunological, neurological, and endocrine (e.g., diabetes) effects. Short-term exposure to high doses of arsenic can cause other adverse health effects, but such effects are unlikely to occur from U.S. public water supplies that are in compliance with the previous arsenic standard of 0.050 mg/l. (USEPA, 2001).

Barium and lead have also been detected in the source waters at very low levels. It is likely that these contaminants are naturally occurring. (See Chart 9 – Contaminant Risks for Heavy Metals, Cyanide, and Other Inorganic Chemicals in Appendix D).

Combining the contaminant risk with the natural susceptibility of the well leads to an overall vulnerability to heavy metals and other inorganic chemical contamination of high.

Synthetic Organic Chemicals

The contaminant risk for synthetic organic chemicals is very high with sewer lines and residential areas presenting the most significant risk. (See Chart 11 – Contaminant Risks for Synthetic Organic Chemicals in Appendix D, respectively).

Sampling of synthetic organic chemicals has not occurred. After combining the contaminant risk with the natural susceptibility of the well, the overall vulnerability to synthetic organic chemicals is medium.

Other Organic Chemicals

The contaminant risk for other organic chemicals is very high with sewer lines, roads, gasoline stations and motor vehicle repair shops presenting the most significant risk.

Sampling of other organic chemicals has not occurred. After combining the contaminant risk with the natural susceptibility of the well, the overall vulnerability to other organic chemicals is high. (See Chart 13 – Contaminant Risks for Other Organic Chemicals in Appendix D, respectively).

SUMMARY

A *Source Water Assessment* has been completed for the source of public drinking water serving Romig Park Subdivision. The overall vulnerability of this source to contamination is **Medium** for bacteria and viruses, nitrate/nitrites, synthetic organic chemicals and other organic chemicals, **High** for volatile organic chemicals and inorganic chemicals. 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 Romig Park 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 Romig Park Subdivision public drinking water source.

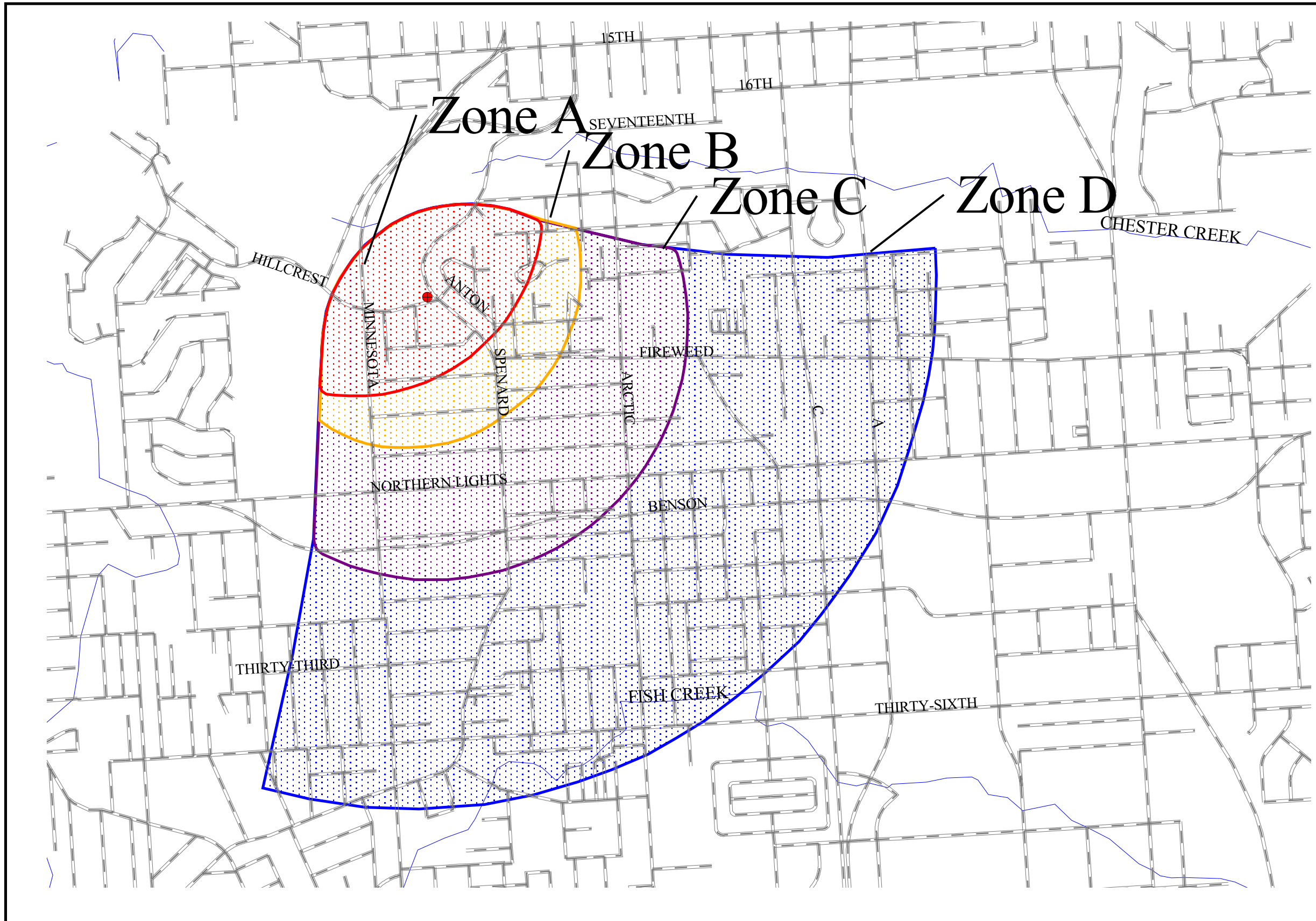
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APPENDIX A

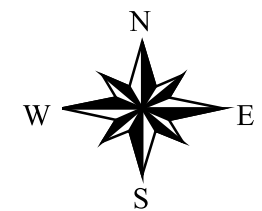
Romig Park Subdivision Drinking Water Protection Area Location Map (Map 1)

Romig Park Drinking Water Protection Areas



PWSID 211114.001

-  Romig Park Well
-  Roads
-  Streams
- Zone A Protection Area**
 Several Months Travel Time
- Zone B Protection Area**
 Less Than 2 Years Travel Time
- Zone C Protection Area**
 Less Than 5 Years Travel Time
- Zone D Protection Area**
 Less Than 10 Years Travel Time



Map 1



APPENDIX B

Contaminant Source Inventory and Risk Ranking for Romig Park Subdivision (Tables 1-7)

Table 1

**Contaminant Source Inventory for
Romig Park Subdivision**

PWSID 211114.001

Contaminant Source Type	Contaminant Source ID	CS ID tag	Zone	Map Number	Comments
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-10	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-11	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-12	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-13	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-14	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-2	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-3	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-4	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-5	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-6	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-7	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-8	A	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-9	A	2	
Residential Areas	R01	R1-1	A	3	43 acres
Tanks, heating oil, nonresidential (underground)	T16	T16-1	A	3	
Tanks, heating oil, nonresidential (underground)	T16	T16-2	A	3	

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U4-1	A	3	File No. CS100.267 Hydraulic hoist was located within a service bay area of the maintenance shop and decommissioned in July 2002. Soil was remediated. Priority: Low
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-1	A	3	File No L55.74 Soil and groundwater discovered during removal of gasoline and diesel fuel leaking from underground storage tanks. Extent, amount and impact to human health unknown.
Municipal or city parks (with green areas)	X04	X4-1	A	3	Undeveloped land
Highways and roads, paved (cement or asphalt)	X20	X20-1	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	A	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	2	
Dog walking areas/foot trails	X46	X46-1	A	3	
Dog walking areas/foot trails	X46	X46-2	A	3	
Dog walking areas/foot trails	X46	X46-3	A	3	
Gasoline stations (without repair shop)	C15	C15-2	B	3	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-15	B	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-16	B	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-17	B	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-18	B	2	

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-19	B	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-20	B	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-21	B	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-22	B	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-23	B	2	
Residential Areas	R01	R1-2	B	3	45 acres
Tanks, diesel (underground)	T08	T8-1	B	3	
Tanks, diesel (underground)	T08	T8-2	B	3	
Tanks, gasoline (underground)	T12	T12-2	B	3	
Open Leaking Underground Fuel Storage Tank (LUST) (aviation)	U11	U11-1	B	3	File No.L25.06 Leaking Underground storage tank. Petroleum contamination of soil. Possible contamination to groundwater. Priority: High
Highways and roads, paved (cement or asphalt)	X20	X20-11	B	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	B	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	B	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	B	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	B	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	B	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	B	2	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-2	B	3	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-3	B	3	2504 Spenard Road
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-4	B	3	
Dog walking areas/foot trails	X46	X46-4	B	3	
Car washes with engine or undercarriage cleaning	C08	C8-1	C	4	
Construction trade areas and materials	C09	C9-1	C	6	

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Dry cleaners	C10	C10-1	C	6	
Dry cleaners	C10	C10-2	C	7	
Dry cleaners	C10	C10-3	C	7	
Florists	C12	C12-2	C	6	
Florists	C12	C12-3	C	6	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	C	7	
Gasoline stations (without repair shop)	C15	C15-3	C	4	
Gasoline stations (without repair shop)	C15	C15-4	C	4	
Gasoline stations (with repair shop)	C16	C16-2	C	5	
Hardware stores	C17	C17-1	C	6	
Heavy equipment rental/storage	C18	C18-1	C	4	
Jewelers	C19	C19-1	C	6	
Laundromats without dry cleaning	C22	C22-1	C	6	
Motor vehicle dealerships - cars, trucks, motor cycles, ATV's, snow machines, boats (with service department)	C27	C27-1	C	5	
Motor/motor vehicle supplies stores	C28	C28-1	C	4	
Motor vehicle rental facilities - cars, trucks, ATV's, snow machines (with service department)	C30	C30-1	C	4	
Motor /motor vehicle repair shops	C31	C31-1	C	4	
Motor /motor vehicle repair shops	C31	C31-2	C	4	
Motor /motor vehicle repair shops	C31	C31-3	C	5	
Motor /motor vehicle repair shops	C31	C31-4	C	5	
Pharmacies (with on-site wastewater disposal)	C35	C35-1	C	6	
Pharmacies (with on-site wastewater disposal)	C35	C35-2	C	6	
Photography supplies/photo processing laboratories	C36	C36-1	C	6	
Photography supplies/photo processing laboratories	C36	C36-2	C	6	
Photography supplies/photo processing laboratories	C36	C37-6	C	7	
Printers, publishers, copiers	C37	C37-1	C	6	

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Printers, publishers, copiers	C37	C37-2	C	6	
Printers, publishers, copiers	C37	C37-3	C	6	
Printers, publishers, copiers	C37	C37-4	C	6	
Printers, publishers, copiers	C37	C37-5	C	6	
Windshield/glass shops	C44	C44-1	C	5	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D01-	C	2	26 sewer lines in Zone C
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-2	C	7	
RCRA Hazardous Waste TSD Facilities (RCRA #?)	D55	D55-1	C	6	
Electroplating	I14	I14-1	C	7	
Jewelry manufacturing	I22	I22-1	C	7	
Jewelry manufacturing	I22	I22-2	C	7	
Lumber processing and preservation	N04	N4-1	C	7	
Pulp and paper processing	N08	N8-1	C	7	
Seafood processing	N10	N10-1	C	6	
Residential Areas	R01	R1-3	C	6	95 acres
Tanks, diesel (underground)	T08	T8-3	C	4	
Tanks, diesel (underground)	T08	T8-4	C	4	
Tanks, diesel (underground)	T08	T8-5	C	4	
Tanks, diesel (underground)	T08	T8-6	C	4	
Tanks, diesel (underground)	T08	T8-7	C	4	
Tanks, diesel (underground)	T08	T8-8	C	5	
Closed tanks, diesel (underground)	T09	T9-1	C	4	
Closed tanks, diesel (underground)	T09	T9-2	C	4	
Closed tanks, diesel (underground)	T09	T9-2	C	5	
Closed tanks, diesel (underground)	T09	T9-3	C	5	
Tanks, gasoline (underground)	T12	T12-10	C	4	

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, gasoline (underground)	T12	T12-11	C	4	
Tanks, gasoline (underground)	T12	T12-12	C	4	
Tanks, gasoline (underground)	T12	T12-13	C	4	
Tanks, gasoline (underground)	T12	T12-14	C	4	
Tanks, gasoline (underground)	T12	T12-15	C	4	
Tanks, gasoline (underground)	T12	T12-16	C	4	
Tanks, gasoline (underground)	T12	T12-17	C	4	
Tanks, gasoline (underground)	T12	T12-18	C	4	
Tanks, gasoline (underground)	T12	T12-19	C	5	
Tanks, gasoline (underground)	T12	T12-7	C	4	
Tanks, gasoline (underground)	T12	T12-8	C	4	
Tanks, gasoline (underground)	T12	T12-9	C	4	
Closed tanks, gasoline (underground)	T13	T13-1	C	4	
Closed tanks, gasoline (underground)	T13	T13-2	C	4	
Closed tanks, gasoline (underground)	T13	T13-3	C	4	
Closed tanks, gasoline (underground)	T13	T13-3	C	5	
Closed tanks, gasoline (underground)	T13	T13-4	C	4	
Closed tanks, gasoline (underground)	T13	T13-4	C	5	
Closed tanks, gasoline (underground)	T13	T13-5	C	4	
Closed tanks, gasoline (underground)	T13	T13-5	C	5	
Closed tanks, gasoline (underground)	T13	T13-6	C	5	
Tanks, lubricants or other petroleum products (underground)	T20	T20-2	C	4	
Closed tanks, lubricants or other petroleum products (underground)	T21	T21-1	C	4	
Closed tanks, lubricants or other petroleum products (underground)	T21	T21-1	C	4	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U4-2	C	5	CS100.74 Alaska Cleaners 610 West Fireweed Lane Fiel No: CS100.74 Tetrachloroethylene found in soil samples during removal of heating oil tank. Priority: High
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U7-4	C	4	File No. L30.03 Williams Express Store #5003 Files not located. Priority: High

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-13	C	4	File No. L30.15 Williams Express Store #5015 Contamination of soil and groundwater. Contamination threatens potable groundwater supplies. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-14	C	5	File No. L35.12 Unocal #4854 Contamination remaining after removing underground storage tank. Contamination under building. Site cleaned up to acceptable levels. Priority:Medium
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-15	C	5	File No. L55.191 Arctic Warehouse. Petroleum contamination encountered during an UST removal. Priority: Medium
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-2	C	4	File No. L10.22 Chevron #1356 Diesel range organic contamination discovered during removal of underground storage tanks. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-5	C	4	petroleum contamination of soil and groundwater discovered during removal of gas and diesel tank. Priority: Medium
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-6	C	5	File No. L55.191 Petroleum contamination of soils discovered during underground storage tank removal. Priority: Medium
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-2	C	4	File No. L55.195 Quick Tow 2647 Spenard Road. Site cleaned up to acceptable levels.
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-3	C	4	Unocal # 4854 2730 Spenard Road File No. L35.12. Soil and groundwater contamination discovered. Extent of contamination unknown. Priority High
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-4	C	5	File No. L10.16 Former Chevron Station Tanks and piping removed in 1986. Soil and groundwater contamination discovered. Priority: Medium
Highways and roads, paved (cement or asphalt)	X20	X20-19-54	C	2	26 roads in Zone C
Electric substation	X37	X37-1	C	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-10	C	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-11	C	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-12	C	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-13	C	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-14	C	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-5	C	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-6	C	6	

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-8	C	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-9	C	6	
Dog walking areas/foot trails	X46	X46-10	C	5	
Dog walking areas/foot trails	X46	X46-11	C	4	
Dog walking areas/foot trails	X46	X46-5	C	4	
Dog walking areas/foot trails	X46	X46-6	C	4	
Dog walking areas/foot trails	X46	X46-7	C	4	
Car washes with engine or undercarriage cleaning	C08	C8-2	D	9	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	D	8	
Furniture manufacturing, repair, and finishing shops	C14	C14-3	D	8	
Gasoline stations (without repair shop)	C15	C15-10	D	9	
Gasoline stations (without repair shop)	C15	C15-11	D	9	
Gasoline stations (without repair shop)	C15	C15-6	D	8	
Gasoline stations (without repair shop)	C15	C15-7	D	8	
Gasoline stations (without repair shop)	C15	C15-8	D	9	
Gasoline stations (with repair shop)	C16	C16-3	D	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-4	D	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-5	D	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-6	D	9	Former gas station
Printers, publishers, copiers	C37	C37-10	D	9	
Printers, publishers, copiers	C37	C37-11	D	9	
Printers, publishers, copiers	C37	C37-12	D	9	
Printers, publishers, copiers	C37	C37-13	D	9	
Printers, publishers, copiers	C37	C37-14	D	9	

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Printers, publishers, copiers	C37	C37-15	D	9	
Printers, publishers, copiers	C37	C37-16	D	9	
Printers, publishers, copiers	C37	C37-7	D	8	
Printers, publishers, copiers	C37	C37-8	D	9	
Printers, publishers, copiers	C37	C37-9	D	9	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-3	D	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-4	D	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-5	D	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-7	D	9	
Scrap, salvage, or junk yards	D59	D59-1	D	8	
Scrap, salvage, or junk yards	D59	D59-2	D	8	
Electrical, electronic, computer, and communications equipment/component manufacturing	I13	I13-1	D	9	
Jewelry manufacturing	I22	I22-3	D	8	
Jewelry manufacturing	I22	I22-4	D	8	
Jewelry manufacturing	I22	I22-5	D	9	
Jewelry manufacturing	I22	I22-6	D	9	
Tanks, diesel (underground)	T08	T8-10	D	8	
Tanks, diesel (underground)	T08	T8-10	D	9	
Tanks, diesel (underground)	T08	T8-11	D	8	
Tanks, diesel (underground)	T08	T8-12	D	8	
Tanks, diesel (underground)	T08	T8-13	D	8	
Tanks, diesel (underground)	T08	T8-14	D	8	
Tanks, diesel (underground)	T08	T8-15	D	9	
Tanks, diesel (underground)	T08	T8-16	D	9	
Tanks, diesel (underground)	T08	T8-17	D	9	
Tanks, diesel (underground)	T08	T8-18	D	9	

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, diesel (underground)	T08	T8-19	D	9	
Tanks, diesel (underground)	T08	T8-9	D	8	
Tanks, gasoline (underground)	T12	T12-19	D	8	
Tanks, gasoline (underground)	T12	T12-21	D	8	
Tanks, gasoline (underground)	T12	T12-22	D	8	
Tanks, gasoline (underground)	T12	T12-23	D	8	
Tanks, gasoline (underground)	T12	T12-24	D	8	
Tanks, gasoline (underground)	T12	T12-25	D	8	
Tanks, gasoline (underground)	T12	T12-26	D	8	
Tanks, gasoline (underground)	T12	T12-27	D	8	
Tanks, gasoline (underground)	T12	T12-28	D	8	
Tanks, gasoline (underground)	T12	T12-29	D	8	
Tanks, gasoline (underground)	T12	T12-30	D	8	
Tanks, gasoline (underground)	T12	T12-31	D	8	
Tanks, gasoline (underground)	T12	T12-32	D	9	
Tanks, gasoline (underground)	T12	T12-33	D	9	
Tanks, gasoline (underground)	T12	T12-34	D	9	
Tanks, gasoline (underground)	T12	T12-35	D	9	
Tanks, gasoline (underground)	T12	T12-36	D	9	
Tanks, gasoline (underground)	T12	T12-37	D	9	
Tanks, gasoline (underground)	T12	T12-38	D	9	
Tanks, lubricants or other petroleum products (underground)	T20	T20-3	D	8	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U4-4	D	9	CS100.196 Diesel range organics and benzene detected in soil. Soil removed. No further remedial action necessary. Priority: Low
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U7-11	D	8	File No. L20.02-1 Tesoro-Olson Gas Services. Petroleum contamination found in trench during road construction. Remediation is in process. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U4-7	D	8	File No. L10.13 Gasoline tainted groundwater found. Monitoring wells installed. Priority: High

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Map Number</i>	<i>Comments</i>
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-1	D	8	File No.L20.09 Gasoline contaminated soil discovered during tank upgrade. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-10	D	8	File No. L25.07 Texaco Service Station Petroleum contamination. Monitoring well established. Extent of contamination is unknown. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-12	D	9	File No. L69.42 MOA-AWWU Headquarters Two gasoline underground storage tanks removed. Leaker holes found in the bottom of tanks. Extent of contamination is unknown. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-3	D	8	File No. L10.09 Chevron. Waste oil contamination encountered during waste oil UST removal. Monitoring wells in place. Priority: Low
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-8	D	8	File No. L30.30 Williams Express 5030 Leaks discovered in underground tanks. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-9	D	8	File No. L55.02 Petroleum contamination from leaking underground storage tank. Priority: Low
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-5	D	9	File No. L55.98 Waste oil contamination present in soil during UST removal. Soil removed. Priority: Low
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-6	D	9	File No. L55.161 National Bank of Alaska. Contamination discovered during the removal of UST. Soil removed. Monitoring wells established. Priority: Not established
Petroleum product bulk station/terminals	X11	X11-1	D	9	
Electric substation	X37	X37-2	D	9	

Table 2

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Bacteria and Viruses*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-10	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-11	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-12	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-13	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-14	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-2	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-3	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-4	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-5	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-6	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-7	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-8	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-9	A	Medium	2	
Residential Areas	R01	R1-1	A	Low	3	43 acres

Table 2 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Bacteria and Viruses*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Highways and roads, paved (cement or asphalt)	X20	X20-1	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Municipal or city parks (with green areas)	X04	X4-1	A	Medium	3	Undeveloped land
Dog walking areas/foot trails	X46	X46-1	A	Low	3	
Dog walking areas/foot trails	X46	X46-2	A	Low	3	
Dog walking areas/foot trails	X46	X46-3	A	Low	3	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-15	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-16	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-17	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-18	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-19	B	Medium	2	

Table 2 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Bacteria and Viruses*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-20	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-21	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-22	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-23	B	Medium	2	
Residential Areas	R01	R1-2	B	Low	3	45 acres
Highways and roads, paved (cement or asphalt)	X20	X20-11	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	B	Low	2	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-2	B	Medium	3	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-3	B	Medium	3	2504 Spenard Road
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-4	B	Medium	3	
Dog walking areas/foot trails	X46	X46-4	B	Low	3	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	Medium	6	

Table 3

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Nitrates/Nitrites*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-10	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-11	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-12	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-13	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-14	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-2	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-3	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-4	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-5	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-6	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-7	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-8	A	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-9	A	Medium	2	
Residential Areas	R01	R1-1	A	Low	3	43 acres

Table 3 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Nitrates/Nitrites*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Highways and roads, paved (cement or asphalt)	X20	X20-1	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Municipal or city parks (with green areas)	X04	X4-1	A	Medium	3	Undeveloped land
Dog walking areas/foot trails	X46	X46-1	A	Low	3	
Dog walking areas/foot trails	X46	X46-2	A	Low	3	
Dog walking areas/foot trails	X46	X46-3	A	Low	3	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-15	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-16	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-17	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-18	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-19	B	Medium	2	

Table 3 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Nitrates/Nitrites*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-20	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-21	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-22	B	Medium	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-23	B	Medium	2	
Residential Areas	R01	R1-2	B	Low	3	45 acres
Highways and roads, paved (cement or asphalt)	X20	X20-11	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	B	Low	2	
Dog walking areas/foot trails	X46	X46-4	B	Low	3	
Dry cleaners	C10	C10-1	C	Low	6	
Dry cleaners	C10	C10-2	C	Low	7	
Dry cleaners	C10	C10-3	C	Low	7	
Florists	C12	C12-2	C	Low	6	
Florists	C12	C12-3	C	Low	6	
Hardware stores	C17	C17-1	C	Low	6	
Laundromats without dry cleaning	C22	C22-1	C	Low	6	
Pharmacies (with on-site wastewater disposal)	C35	C35-1	C	Low	6	
Pharmacies (with on-site wastewater disposal)	C35	C35-2	C	Low	6	

Table 3 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Nitrates/Nitrites*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D01-	C	Medium	2	26 sewer lines in Zone C
Seafood processing	N10	N10-1	C	Low	6	
Pulp and paper processing	N08	N8-1	C	Low	7	
Residential Areas	R01	R1-3	C	Low	6	95 acres
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-15	C	Low	5	File No. L55.191 Arctic Warehouse. Petroleum contamination encountered during an UST removal. Priority: Medium
Highways and roads, paved (cement or asphalt)	X20	X20-19-54	C	Low	2	26 roads in Zone C
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-10	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-11	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-12	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-13	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-14	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-8	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-9	C	Low	6	
Dog walking areas/foot trails	X46	X46-10	C	Low	5	
Dog walking areas/foot trails	X46	X46-11	C	Low	4	
Dog walking areas/foot trails	X46	X46-5	C	Low	4	
Dog walking areas/foot trails	X46	X46-6	C	Low	4	
Dog walking areas/foot trails	X46	X46-7	C	Low	4	

Table 3 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Nitrates/Nitrites*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
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Table 4

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-10	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-11	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-12	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-13	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-14	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-2	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-3	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-4	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-5	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-6	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-7	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-8	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-9	A	Low	2	
Residential Areas	R01	R1-1	A	Low	3	43 acres

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, heating oil, nonresidential (underground)	T16	T16-1	A	Low	3	
Tanks, heating oil, nonresidential (underground)	T16	T16-2	A	Low	3	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U4-1	A	High	3	File No. CS100.267 Hydraulic hoist was located within a service bay area of the maintenance shop and decommissioned in July 2002. Soil was remediated. Priority: Low
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-1	A	High	3	File No L55.74 Soil and groundwater discovered during removal of gasoline and diesel fuel leaking from underground storage tanks. Extent, amount and impact to human health unknown.
Highways and roads, paved (cement or asphalt)	X20	X20-1	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Gasoline stations (without repair shop)	C15	C15-2	B	High	3	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-15	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-16	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-17	B	Low	2	

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-18	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-19	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-20	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-21	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-22	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-23	B	Low	2	
Residential Areas	R01	R1-2	B	Low	3	45 acres
Tanks, gasoline (underground)	T12	T12-2	B	High	3	
Tanks, diesel (underground)	T08	T8-1	B	High	3	
Tanks, diesel (underground)	T08	T8-2	B	High	3	
Open Leaking Underground Fuel Storage Tank (LUST) (aviation)	U11	U11-1	B	High	3	File No.L25.06 Leaking Underground storage tank. Petroleum contamination of soil. Possible contamination to groundwater. Priority: High
Highways and roads, paved (cement or asphalt)	X20	X20-11	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	B	Low	2	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-2	B	Low	3	

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-3	B	Low	3	2504 Spenard Road
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-4	B	Low	3	
Dry cleaners	C10	C10-1	C	High	6	
Dry cleaners	C10	C10-2	C	High	7	
Dry cleaners	C10	C10-3	C	High	7	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	C	Medium	7	
Gasoline stations (without repair shop)	C15	C15-3	C	High	4	
Gasoline stations (without repair shop)	C15	C15-4	C	High	4	
Gasoline stations (with repair shop)	C16	C16-2	C	High	5	
Hardware stores	C17	C17-1	C	Low	6	
Heavy equipment rental/storage	C18	C18-1	C	Medium	4	
Jewelers	C19	C19-1	C	Low	6	
Laundromats without dry cleaning	C22	C22-1	C	Low	6	
Motor vehicle dealerships - cars, trucks, motor cycles, ATV's, snow machines, boats (with service department)	C27	C27-1	C	Medium	5	
Motor/motor vehicle supplies stores	C28	C28-1	C	Low	4	
Motor vehicle rental facilities - cars, trucks, ATV's, snow machines (with service department)	C30	C30-1	C	Medium	4	
Motor /motor vehicle repair shops	C31	C31-1	C	Medium	4	
Motor /motor vehicle repair shops	C31	C31-2	C	Medium	4	
Motor /motor vehicle repair shops	C31	C31-3	C	Medium	5	
Motor /motor vehicle repair shops	C31	C31-4	C	Medium	5	
Photography supplies/photo processing laboratories	C36	C36-1	C	Medium	6	

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Photography supplies/photo processing laboratories	C36	C36-2	C	Medium	6	
Printers, publishers, copiers	C37	C37-1	C	High	6	
Printers, publishers, copiers	C37	C37-2	C	High	6	
Printers, publishers, copiers	C37	C37-3	C	High	6	
Printers, publishers, copiers	C37	C37-4	C	High	6	
Printers, publishers, copiers	C37	C37-5	C	High	6	
Photography supplies/photo processing laboratories	C36	C37-6	C	Medium	7	
Windshield/glass shops	C44	C44-1	C	Low	5	
Car washes with engine or undercarriage cleaning	C08	C8-1	C	High	4	
Construction trade areas and materials	C09	C9-1	C	Low	6	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D01-	C	Low	2	26 sewer lines in Zone C
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-2	C	High	7	
Electroplating	I14	I14-1	C	High	7	
Jewelry manufacturing	I22	I22-1	C	Medium	7	
Jewelry manufacturing	I22	I22-2	C	Medium	7	
Lumber processing and preservation	N04	N4-1	C	Medium	7	
Pulp and paper processing	N08	N8-1	C	Very High	7	
Residential Areas	R01	R1-3	C	Low	6	95 acres
Tanks, gasoline (underground)	T12	T12-10	C	High	4	
Tanks, gasoline (underground)	T12	T12-11	C	High	4	
Tanks, gasoline (underground)	T12	T12-12	C	High	4	
Tanks, gasoline (underground)	T12	T12-13	C	High	4	
Tanks, gasoline (underground)	T12	T12-14	C	High	4	

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, gasoline (underground)	T12	T12-15	C	High	4	
Tanks, gasoline (underground)	T12	T12-16	C	High	4	
Tanks, gasoline (underground)	T12	T12-17	C	High	4	
Tanks, gasoline (underground)	T12	T12-18	C	High	4	
Tanks, gasoline (underground)	T12	T12-19	C	High	5	
Tanks, gasoline (underground)	T12	T12-7	C	High	4	
Tanks, gasoline (underground)	T12	T12-8	C	High	4	
Tanks, gasoline (underground)	T12	T12-9	C	High	4	
Closed tanks, gasoline (underground)	T13	T13-1	C	Medium	4	
Closed tanks, gasoline (underground)	T13	T13-2	C	Medium	4	
Closed tanks, gasoline (underground)	T13	T13-3	C	Medium	5	
Closed tanks, gasoline (underground)	T13	T13-3	C	Medium	4	
Closed tanks, gasoline (underground)	T13	T13-4	C	Medium	4	
Closed tanks, gasoline (underground)	T13	T13-4	C	Medium	5	
Closed tanks, gasoline (underground)	T13	T13-5	C	Medium	4	
Closed tanks, gasoline (underground)	T13	T13-5	C	Medium	5	
Closed tanks, gasoline (underground)	T13	T13-6	C	Medium	5	
Closed tanks, lubricants or other petroleum products (underground)	T21	T21-1	C	High	4	
Tanks, diesel (underground)	T08	T8-3	C	High	4	
Tanks, diesel (underground)	T08	T8-4	C	High	4	
Tanks, diesel (underground)	T08	T8-5	C	High	4	
Tanks, diesel (underground)	T08	T8-6	C	High	4	
Tanks, diesel (underground)	T08	T8-7	C	High	4	

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, diesel (underground)	T08	T8-8	C	High	5	
Closed tanks, diesel (underground)	T09	T9-1	C	Medium	4	
Closed tanks, diesel (underground)	T09	T9-2	C	Medium	4	
Closed tanks, diesel (underground)	T09	T9-2	C	Medium	5	
Closed tanks, diesel (underground)	T09	T9-3	C	Medium	5	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U4-2	C	High	5	CS100.74 Alaska Cleaners 610 West Fireweed Lane Fiel No: CS100.74 Tetrachloroethylene found in soil samples during removal of heating oil tank. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-13	C	High	4	File No. L30.15 Williams Express Store #5015 Contamination of soil and groundwater. Contamination threatens potable groundwater supplies. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-2	C	High	4	File No. L10.22 Chevron #1356 Diesel range organic contamination dicovered during removal of underground storage tanks. Priority: High
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U7-4	C	High	4	File No. L30.03 Williams Express Store #5003 Files not located. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-5	C	High	4	petroleum contamination of soil and groundwater discovered during removal of gas and diesel tank. Priority: Medium
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-6	C	High	5	File No. L55.191 Petroleum contamination of soils discovered during underground storage tank removal. Priority: Medium
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-2	C	Low	4	File No. L55.195 Quick Tow 2647 Spenard Road. Site cleaned up to acceptable levels.
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-3	C	High	4	Unocal # 4854 2730 Spenard Road File No. L35.12. Soil and groundwater cotamination discovered. Extent of contamination unknown. Priority High
Highways and roads, paved (cement or asphalt)	X20	X20-19-54	C	Low	2	26 roads in Zone C
Electric substation	X37	X37-1	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-10	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-11	C	Low	7	

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-12	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-13	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-14	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-5	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-6	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-8	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-9	C	Low	6	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	D	Medium	8	
Furniture manufacturing, repair, and finishing shops	C14	C14-3	D	Medium	8	
Gasoline stations (without repair shop)	C15	C15-10	D	High	9	
Gasoline stations (without repair shop)	C15	C15-11	D	High	9	
Gasoline stations (without repair shop)	C15	C15-6	D	High	8	
Gasoline stations (without repair shop)	C15	C15-7	D	High	8	
Gasoline stations (without repair shop)	C15	C15-8	D	High	9	
Gasoline stations (with repair shop)	C16	C16-3	D	High	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-4	D	High	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-5	D	High	8	Former gas station

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Gasoline stations (with repair shop)	C16	C16-6	D	High	9	Former gas station
Printers, publishers, copiers	C37	C37-10	D	High	9	
Printers, publishers, copiers	C37	C37-11	D	High	9	
Printers, publishers, copiers	C37	C37-12	D	High	9	
Printers, publishers, copiers	C37	C37-13	D	High	9	
Printers, publishers, copiers	C37	C37-13	D	High	9	
Printers, publishers, copiers	C37	C37-14	D	High	9	
Printers, publishers, copiers	C37	C37-15	D	High	9	
Printers, publishers, copiers	C37	C37-16	D	High	9	
Printers, publishers, copiers	C37	C37-7	D	High	8	
Printers, publishers, copiers	C37	C37-8	D	High	9	
Printers, publishers, copiers	C37	C37-8	D	High	9	
Printers, publishers, copiers	C37	C37-9	D	High	9	
Car washes with engine or undercarriage cleaning	C08	C8-2	D	High	9	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-3	D	High	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-4	D	High	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-5	D	High	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-7	D	High	9	
Scrap, salvage, or junk yards	D59	D59-1	D	Low	8	
Scrap, salvage, or junk yards	D59	D59-2	D	Low	8	
Electrical, electronic, computer, and communications equipment/component manufacturing	113	113-1	D	Very High	9	

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Jewelry manufacturing	I22	I22-3	D	Medium	8	
Jewelry manufacturing	I22	I22-4	D	Medium	8	
Jewelry manufacturing	I22	I22-5	D	Medium	9	
Jewelry manufacturing	I22	I22-6	D	Medium	9	
Tanks, gasoline (underground)	T12	T12-19	D	High	8	
Tanks, gasoline (underground)	T12	T12-21	D	High	8	
Tanks, gasoline (underground)	T12	T12-22	D	High	8	
Tanks, gasoline (underground)	T12	T12-23	D	High	8	
Tanks, gasoline (underground)	T12	T12-24	D	High	8	
Tanks, gasoline (underground)	T12	T12-25	D	High	8	
Tanks, gasoline (underground)	T12	T12-26	D	High	8	
Tanks, gasoline (underground)	T12	T12-27	D	High	8	
Tanks, gasoline (underground)	T12	T12-28	D	High	8	
Tanks, gasoline (underground)	T12	T12-29	D	High	8	
Tanks, gasoline (underground)	T12	T12-30	D	High	8	
Tanks, gasoline (underground)	T12	T12-31	D	High	8	
Tanks, gasoline (underground)	T12	T12-32	D	High	9	
Tanks, gasoline (underground)	T12	T12-33	D	High	9	
Tanks, gasoline (underground)	T12	T12-34	D	High	9	
Tanks, gasoline (underground)	T12	T12-35	D	High	9	
Tanks, gasoline (underground)	T12	T12-36	D	High	9	
Tanks, gasoline (underground)	T12	T12-37	D	High	9	
Tanks, gasoline (underground)	T12	T12-38	D	High	9	
Tanks, diesel (underground)	T08	T8-10	D	High	8	

Table 4 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, diesel (underground)	T08	T8-10	D	High	9	
Tanks, diesel (underground)	T08	T8-11	D	High	8	
Tanks, diesel (underground)	T08	T8-12	D	High	8	
Tanks, diesel (underground)	T08	T8-13	D	High	8	
Tanks, diesel (underground)	T08	T8-14	D	High	8	
Tanks, diesel (underground)	T08	T8-15	D	High	9	
Tanks, diesel (underground)	T08	T8-16	D	High	9	
Tanks, diesel (underground)	T08	T8-17	D	High	9	
Tanks, diesel (underground)	T08	T8-18	D	High	9	
Tanks, diesel (underground)	T08	T8-19	D	High	9	
Tanks, diesel (underground)	T08	T8-9	D	High	8	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U4-4	D	High	9	CS100.196 Diesel range organics and benzene detected in soil. Soil removed. No further remedial action necessary. Priority: Low
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-1	D	High	8	File No.L20.09 Gasoline contaminated soil discovered during tank upgrade. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-10	D	High	8	Fiel No. L25.07 Texaco Service Station Petroleum contamination. Monitoring well established. Extent of contamination is unknown. Priority: High
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U04	U7-11	D	High	8	File No. L20.02-1 Tesoro-Olson Gas Services. Petroleum contamination found in trench during road construction. Remediation is in process. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-12	D	High	9	File No. L69.42 MOA-AWWU Headquarters Two gasoline underground storage tanks removed. Leaker holes found in the bottom of tanks. Extent of contamination is unknown. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-3	D	High	8	File No. L10.09 Chevron. Waste oil contamination encountered during waste oil UST removal. Monitoring wells in place. Priority: Low
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-8	D	High	8	File No. L30.30 Williams Express 5030 Leaks discovered in underground tanks. Priority: High
Open Leaking Underground Fuel Storage Tank (LUST) Sites	U07	U7-9	D	High	8	File No. L55.02 Petroleum contamination from leaking underground storage tank. Priority: Low

Table 4 (continued)

Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Volatile Organic Chemicals

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Closed Leaking Underground Fuel Storage Tank (LUST) Sites	U08	U8-6	D	Low	9	File No. L55.161 National Bank of Alaska. Contamination discovered during the removal of UST. Soil removed. Monitoring wells established. Priority: Not established
Petroleum product bulk station/terminals	X11	X11-1	D	Very High	9	
Electric substation	X37	X37-2	D	Low	9	

Table 5

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-10	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-11	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-12	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-13	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-14	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-2	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-3	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-4	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-5	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-6	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-7	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-8	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-9	A	Low	2	
Residential Areas	R01	R1-1	A	Low	3	43 acres

Table 5 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, heating oil, nonresidential (underground)	T16	T16-1	A	Low	3	
Tanks, heating oil, nonresidential (underground)	T16	T16-2	A	Low	3	
Highways and roads, paved (cement or asphalt)	X20	X20-1	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-15	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-16	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-17	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-18	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-19	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-20	B	Low	2	

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision*

PWSID 211114.001

Table 5 (continued)

Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-21	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-22	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-23	B	Low	2	
Residential Areas	R01	R1-2	B	Low	3	45 acres
Tanks, gasoline (underground)	T12	T12-2	B	Medium	3	
Highways and roads, paved (cement or asphalt)	X20	X20-11	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	B	Low	2	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-2	B	Low	3	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-3	B	Low	3	2504 Spenard Road
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-4	B	Low	3	
Florists	C12	C12-2	C	Low	6	
Florists	C12	C12-3	C	Low	6	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	C	Low	7	
Gasoline stations (without repair shop)	C15	C15-3	C	Low	4	
Gasoline stations (without repair shop)	C15	C15-4	C	Low	4	
Gasoline stations (with repair shop)	C16	C16-2	C	Low	5	

Table 5 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Hardware stores	C17	C17-1	C	Low	6	
Heavy equipment rental/storage	C18	C18-1	C	Low	4	
Jewelers	C19	C19-1	C	Low	6	
Motor vehicle dealerships - cars, trucks, motor cycles, ATV's, snow machines, boats (with service department)	C27	C27-1	C	Low	5	
Motor/motor vehicle supplies stores	C28	C28-1	C	Low	4	
Motor vehicle rental facilities - cars, trucks, ATV's, snow machines (with service department)	C30	C30-1	C	Low	4	
Motor /motor vehicle repair shops	C31	C31-1	C	Medium	4	
Motor /motor vehicle repair shops	C31	C31-2	C	Medium	4	
Motor /motor vehicle repair shops	C31	C31-3	C	Medium	5	
Motor /motor vehicle repair shops	C31	C31-4	C	Medium	5	
Pharmacies (with on-site wastewater disposal)	C35	C35-1	C	Low	6	
Pharmacies (with on-site wastewater disposal)	C35	C35-2	C	Low	6	
Photography supplies/photo processing laboratories	C36	C36-1	C	Medium	6	
Photography supplies/photo processing laboratories	C36	C36-2	C	Medium	6	
Printers, publishers, copiers	C37	C37-1	C	Medium	6	
Printers, publishers, copiers	C37	C37-2	C	Medium	6	
Printers, publishers, copiers	C37	C37-3	C	Medium	6	
Printers, publishers, copiers	C37	C37-4	C	Medium	6	
Printers, publishers, copiers	C37	C37-5	C	Medium	6	
Photography supplies/photo processing laboratories	C36	C37-6	C	Medium	7	
Windshield/glass shops	C44	C44-1	C	Low	5	
Car washes with engine or undercarriage cleaning	C08	C8-1	C	Medium	4	

Table 5 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Construction trade areas and materials	C09	C9-1	C	Low	6	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D01-	C	Low	2	26 sewer lines in Zone C
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-2	C	High	7	
Electroplating	I14	I14-1	C	High	7	
Jewelry manufacturing	I22	I22-1	C	High	7	
Jewelry manufacturing	I22	I22-2	C	High	7	
Lumber processing and preservation	N04	N4-1	C	Medium	7	
Pulp and paper processing	N08	N8-1	C	Medium	7	
Residential Areas	R01	R1-3	C	Low	6	95 acres
Tanks, gasoline (underground)	T12	T12-10	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-11	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-12	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-13	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-14	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-15	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-16	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-17	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-18	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-19	C	Medium	5	
Tanks, gasoline (underground)	T12	T12-7	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-8	C	Medium	4	
Tanks, gasoline (underground)	T12	T12-9	C	Medium	4	

Table 5 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, lubricants or other petroleum products (underground)	T20	T20-2	C	Medium	4	
Highways and roads, paved (cement or asphalt)	X20	X20-19-54	C	Low	2	26 roads in Zone C
Electric substation	X37	X37-1	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-10	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-11	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-12	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-13	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-14	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-5	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-6	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-8	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-9	C	Low	6	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	D	Low	8	
Furniture manufacturing, repair, and finishing shops	C14	C14-3	D	Low	8	
Gasoline stations (without repair shop)	C15	C15-10	D	Low	9	
Gasoline stations (without repair shop)	C15	C15-11	D	Low	9	

Table 5 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Gasoline stations (without repair shop)	C15	C15-6	D	Low	8	
Gasoline stations (without repair shop)	C15	C15-7	D	Low	8	
Gasoline stations (without repair shop)	C15	C15-8	D	Low	9	
Gasoline stations (with repair shop)	C16	C16-3	D	Low	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-4	D	Low	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-5	D	Low	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-6	D	Low	9	Former gas station
Printers, publishers, copiers	C37	C37-10	D	Medium	9	
Printers, publishers, copiers	C37	C37-11	D	Medium	9	
Printers, publishers, copiers	C37	C37-12	D	Medium	9	
Printers, publishers, copiers	C37	C37-13	D	Medium	9	
Printers, publishers, copiers	C37	C37-14	D	Medium	9	
Printers, publishers, copiers	C37	C37-15	D	Medium	9	
Printers, publishers, copiers	C37	C37-16	D	Medium	9	
Printers, publishers, copiers	C37	C37-7	D	Medium	8	
Printers, publishers, copiers	C37	C37-8	D	Medium	9	
Printers, publishers, copiers	C37	C37-9	D	Medium	9	
Car washes with engine or undercarriage cleaning	C08	C8-2	D	Medium	9	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-3	D	High	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-4	D	High	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-5	D	High	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-7	D	High	9	

Table 5 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Scrap, salvage, or junk yards	D59	D59-1	D	High	8	
Scrap, salvage, or junk yards	D59	D59-2	D	High	8	
Electrical, electronic, computer, and communications equipment/component manufacturing	I13	I13-1	D	High	9	
Jewelry manufacturing	I22	I22-3	D	High	8	
Jewelry manufacturing	I22	I22-4	D	High	8	
Jewelry manufacturing	I22	I22-5	D	High	9	
Jewelry manufacturing	I22	I22-6	D	High	9	
Tanks, gasoline (underground)	T12	T12-19	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-21	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-22	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-23	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-24	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-25	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-26	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-27	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-28	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-29	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-30	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-31	D	Medium	8	
Tanks, gasoline (underground)	T12	T12-32	D	Medium	9	
Tanks, gasoline (underground)	T12	T12-33	D	Medium	9	
Tanks, gasoline (underground)	T12	T12-34	D	Medium	9	
Tanks, gasoline (underground)	T12	T12-35	D	Medium	9	

Table 5 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Heavy Metals, Cyanide and Other Inorganic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Tanks, gasoline (underground)	T12	T12-36	D	Medium	9	
Tanks, gasoline (underground)	T12	T12-37	D	Medium	9	
Tanks, gasoline (underground)	T12	T12-38	D	Medium	9	
Tanks, lubricants or other petroleum products (underground)	T20	T20-3	D	Medium	8	
Petroleum product bulk station/terminals	X11	X11-1	D	Low	9	
Electric substation	X37	X37-2	D	Low	9	

Table 6

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Synthetic Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-10	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-11	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-12	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-13	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-14	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-2	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-3	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-4	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-5	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-6	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-7	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-8	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-9	A	Low	2	
Residential Areas	R01	R1-1	A	Low	3	43 acres

Table 6 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Synthetic Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Municipal or city parks (with green areas)	X04	X4-1	A	Low	3	Undeveloped land
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-15	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-16	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-17	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-18	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-19	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-20	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-21	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-22	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-23	B	Low	2	
Residential Areas	R01	R1-2	B	Low	3	45 acres
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-2	B	Low	3	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-3	B	Low	3	2504 Spenard Road
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-4	B	Low	3	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	C	Medium	7	
Photography supplies/photo processing laboratories	C36	C36-1	C	Low	6	
Photography supplies/photo processing laboratories	C36	C36-2	C	Low	6	
Printers, publishers, copiers	C37	C37-1	C	Low	6	

Table 6 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Synthetic Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Printers, publishers, copiers	C37	C37-2	C	Low	6	
Printers, publishers, copiers	C37	C37-3	C	Low	6	
Printers, publishers, copiers	C37	C37-4	C	Low	6	
Printers, publishers, copiers	C37	C37-5	C	Low	6	
Photography supplies/photo processing laboratories	C36	C37-6	C	Low	7	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D01-	C	Low	2	26 sewer lines in Zone C
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-2	C	Low	7	
Lumber processing and preservation	N04	N4-1	C	Medium	7	
Pulp and paper processing	N08	N8-1	C	Very High	7	
Residential Areas	R01	R1-3	C	Low	6	95 acres
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-10	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-11	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-12	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-13	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-14	C	Low	7	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-5	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-6	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	Low	6	

Table 6 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Synthetic Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-7	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-8	C	Low	6	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-9	C	Low	6	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	D	Medium	8	
Furniture manufacturing, repair, and finishing shops	C14	C14-3	D	Medium	8	
Printers, publishers, copiers	C37	C37-10	D	Low	9	
Printers, publishers, copiers	C37	C37-11	D	Low	9	
Printers, publishers, copiers	C37	C37-12	D	Low	9	
Printers, publishers, copiers	C37	C37-13	D	Low	9	
Printers, publishers, copiers	C37	C37-14	D	Low	9	
Printers, publishers, copiers	C37	C37-15	D	Low	9	
Printers, publishers, copiers	C37	C37-16	D	Low	9	
Printers, publishers, copiers	C37	C37-7	D	Low	8	
Printers, publishers, copiers	C37	C37-8	D	Low	9	
Printers, publishers, copiers	C37	C37-9	D	Low	9	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-3	D	Low	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-4	D	Low	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-5	D	Low	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-7	D	Low	9	
Scrap, salvage, or junk yards	D59	D59-1	D	Medium	8	

Table 6 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Synthetic Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Scrap, salvage, or junk yards	D59	D59-2	D	Medium	8	
Petroleum product bulk station/terminals	X11	X11-1	D	Low	9	

Table 7

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Other Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-1	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-10	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-11	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-12	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-13	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-14	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-2	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-3	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-4	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-5	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-6	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-7	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-8	A	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-9	A	Low	2	
Residential Areas	R01	R1-1	A	Low	3	43 acres

Table 7 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Other Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Highways and roads, paved (cement or asphalt)	X20	X20-1	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-12	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-2	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-3	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-4	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-5	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-6	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-7	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-8	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-9	A	Low	2	
Gasoline stations (without repair shop)	C15	C15-2	B	Low	3	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-15	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-16	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-17	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-18	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-19	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-20	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-21	B	Low	2	

Table 7 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Other Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-22	B	Low	2	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D1-23	B	Low	2	
Residential Areas	R01	R1-2	B	Low	3	45 acres
Highways and roads, paved (cement or asphalt)	X20	X20-11	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-13	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-14	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-15	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-16	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-17	B	Low	2	
Highways and roads, paved (cement or asphalt)	X20	X20-18	B	Low	2	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	C	Medium	7	
Gasoline stations (without repair shop)	C15	C15-3	C	Low	4	
Gasoline stations (without repair shop)	C15	C15-4	C	Low	4	
Gasoline stations (with repair shop)	C16	C16-2	C	Medium	5	
Hardware stores	C17	C17-1	C	Low	6	
Heavy equipment rental/storage	C18	C18-1	C	Medium	4	
Motor vehicle dealerships - cars, trucks, motor cycles, ATV's, snow machines, boats (with service department)	C27	C27-1	C	Medium	5	
Motor vehicle rental facilities - cars, trucks, ATV's, snow machines (with service department)	C30	C30-1	C	Medium	4	
Motor /motor vehicle repair shops	C31	C31-1	C	Medium	4	
Motor /motor vehicle repair shops	C31	C31-2	C	Medium	4	
Motor /motor vehicle repair shops	C31	C31-3	C	Medium	5	

Table 7 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Other Organic Chemicals*

PWSID 211114.001

<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Motor /motor vehicle repair shops	C31	C31-4	C	Medium	5	
Photography supplies/photo processing laboratories	C36	C36-1	C	Low	6	
Photography supplies/photo processing laboratories	C36	C36-2	C	Low	6	
Photography supplies/photo processing laboratories	C36	C37-6	C	Low	7	
Car washes with engine or undercarriage cleaning	C08	C8-1	C	Medium	4	
Construction trade areas and materials	C09	C9-1	C	Low	6	
Domestic wastewater collection systems (sewer lines or lift stations)	D01	D01-	C	Low	2	26 sewer lines in Zone C
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-2	C	Medium	7	
Jewelry manufacturing	I22	I22-1	C	Medium	7	
Jewelry manufacturing	I22	I22-2	C	Medium	7	
Lumber processing and preservation	N04	N4-1	C	Medium	7	
Pulp and paper processing	N08	N8-1	C	Very High	7	
Residential Areas	R01	R1-3	C	Low	6	95 acres
Highways and roads, paved (cement or asphalt)	X20	X20-19-54	C	Low	2	26 roads in Zone C
Electric substation	X37	X37-1	C	High	7	
Furniture manufacturing, repair, and finishing shops	C14	C14-2	D	Medium	8	
Furniture manufacturing, repair, and finishing shops	C14	C14-3	D	Medium	8	
Gasoline stations (without repair shop)	C15	C15-10	D	Low	9	
Gasoline stations (without repair shop)	C15	C15-11	D	Low	9	
Gasoline stations (without repair shop)	C15	C15-6	D	Low	8	
Gasoline stations (without repair shop)	C15	C15-7	D	Low	8	
Gasoline stations (without repair shop)	C15	C15-8	D	Low	9	
Gasoline stations (with repair shop)	C16	C16-3	D	Medium	8	Former gas station

Table 7 (continued)

*Contaminant Source Inventory and Risk Ranking for
Romig Park Subdivision
Sources of Other Organic Chemicals*

PWSID 211114.001

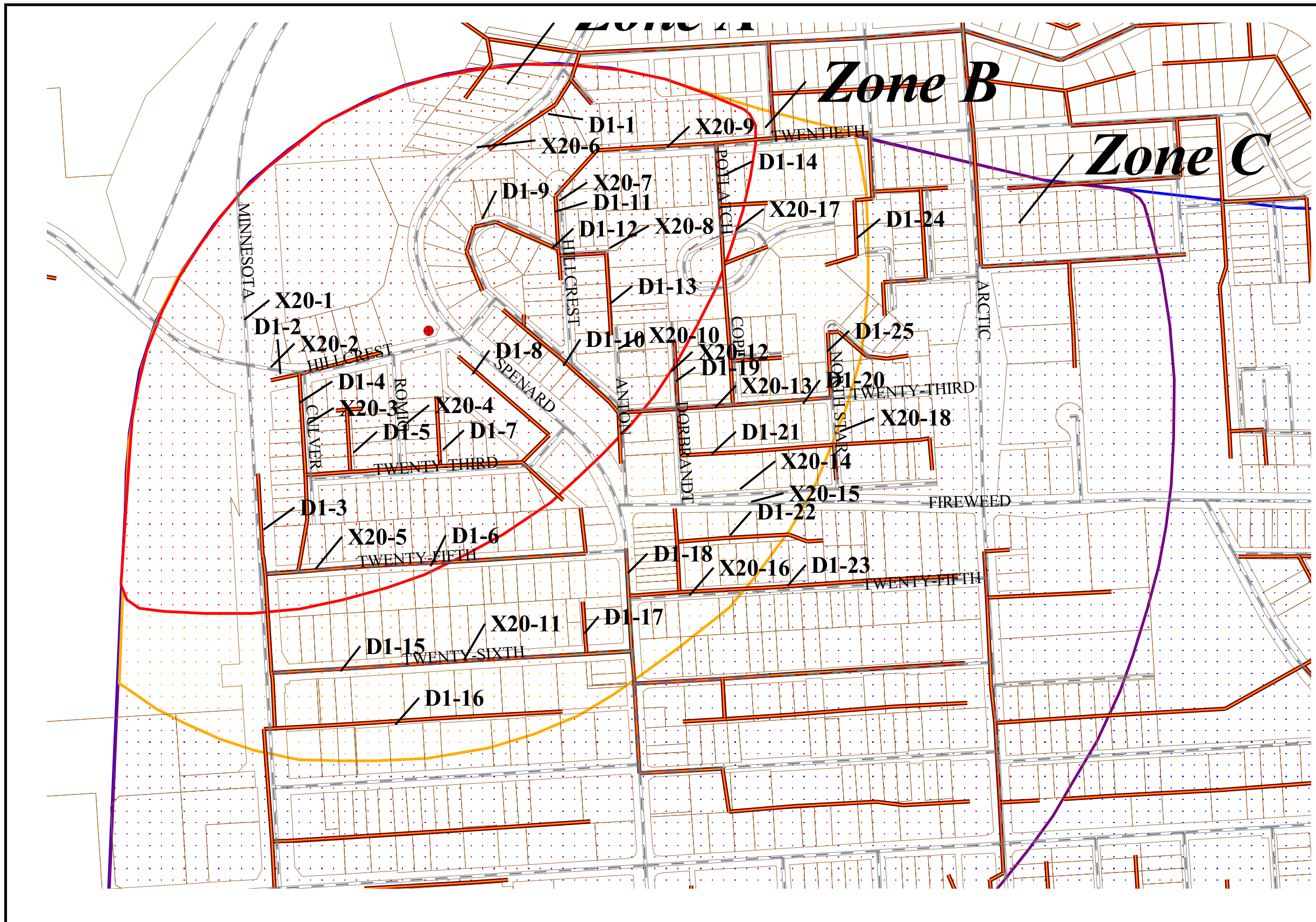
<i>Contaminant Source Type</i>	<i>Contaminant Source ID</i>	<i>CS ID tag</i>	<i>Zone</i>	<i>Risk Ranking for Analysis</i>	<i>Map Number</i>	<i>Comments</i>
Gasoline stations (with repair shop)	C16	C16-4	D	Medium	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-5	D	Medium	8	Former gas station
Gasoline stations (with repair shop)	C16	C16-6	D	Medium	9	Former gas station
Car washes with engine or undercarriage cleaning	C08	C8-2	D	Medium	9	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-3	D	Medium	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-4	D	Medium	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-5	D	Medium	8	
Injection wells (Class V) Motor Vehicle Waste Disposal Well	D42	D42-7	D	Medium	9	
Scrap, salvage, or junk yards	D59	D59-1	D	High	8	
Scrap, salvage, or junk yards	D59	D59-2	D	High	8	
Electrical, electronic, computer, and communications equipment/component manufacturing	I13	I13-1	D	Very High	9	
Jewelry manufacturing	I22	I22-3	D	Medium	8	
Jewelry manufacturing	I22	I22-4	D	Medium	8	
Jewelry manufacturing	I22	I22-5	D	Medium	9	
Jewelry manufacturing	I22	I22-6	D	Medium	9	
Petroleum product bulk station/terminals	X11	X11-1	D	High	9	
Electric substation	X37	X37-2	D	High	9	

APPENDIX C

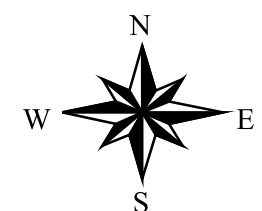
Romig Park Subdivision Drinking Water Protection Area and Potential and Existing Contaminant Sources (Maps 2 - 10)

Romig Park Drinking Water Protection Areas and Potential and Existing Contaminant Sources

PWSID 211114.001



- Romig Park Well
- Roads
- Sewers (D1)
- MOA Land Parcels
- Zone A Protection Area**
- Several Months Travel Time
- Zone B Protection Area**
- Less Than 2 Years Travel Time
- Zone C Protection Area**
- Less Than 5 Years Travel Time
- Zone D Protection Area**
- Less Than 10 Years Travel Time

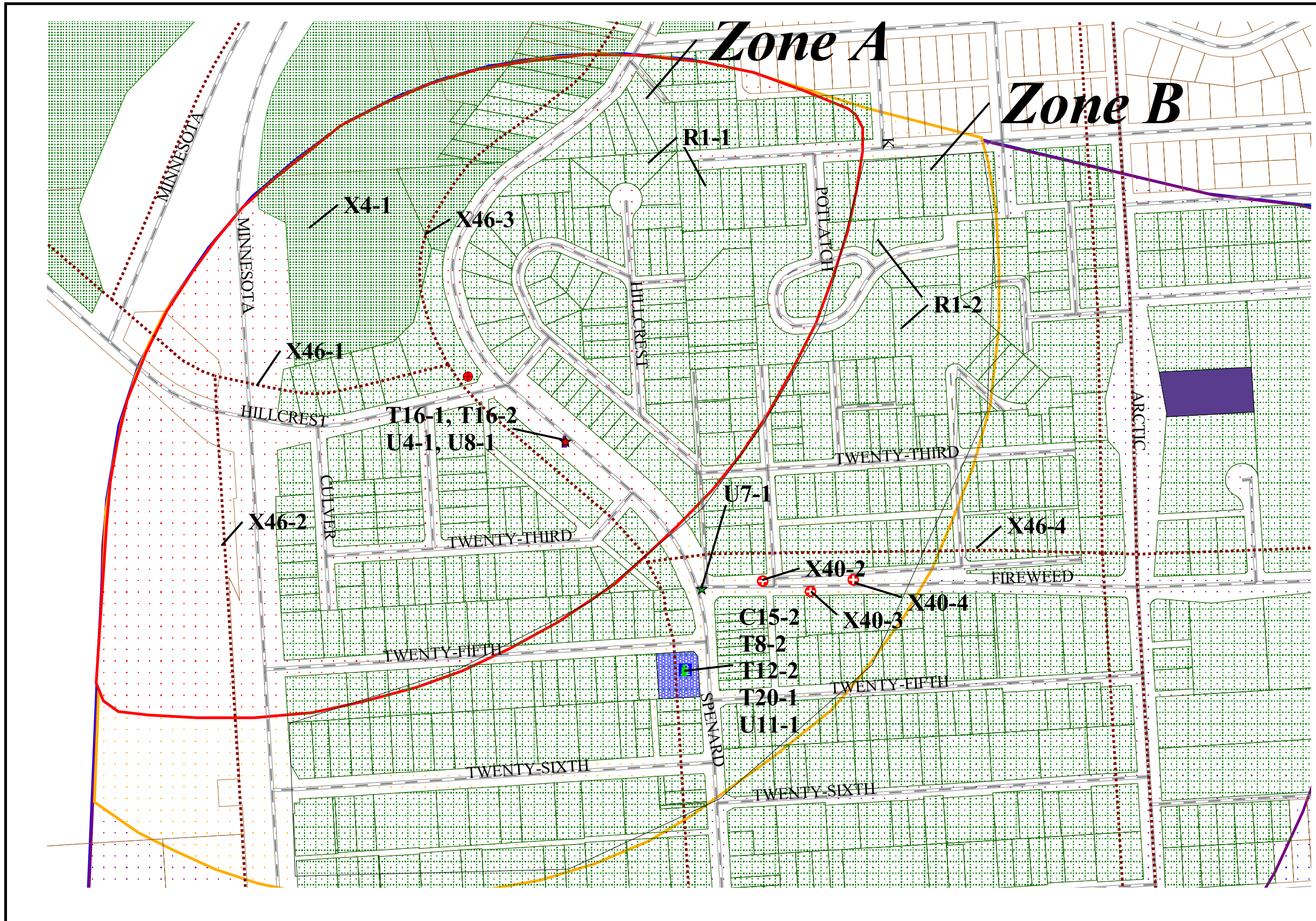


Map 2

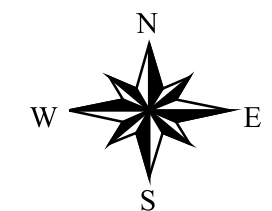


Romig Park Drinking Water Protection Areas and Potential and Existing Contaminant Sources

PWSID 211114.001



- Romig Park Well
- Contaminant Sources**
- Florists (C12)
- Gasoline stations (without repair shop) (C15)
- Printers, publishers, copiers (C37)
- Stone and clay processing/manufacturing (I43)
- Tanks, gasoline (underground) (T12)
- Tanks, heating oil (underground) (T16)
- Tanks, other petroleum products (underground) (T20)
- Tanks, diesel (underground) (T8)
- ★ Leaking underground fuel storage tank (gasoline) (U11)
- ★ Contaminated site, DEC recognized (U4)
- ⊕ Medical/veterinary facilities (X40)
- ★ Open Leaking Underground Fuel Storage Tank (LUST) Sites (U7)
- ★ Trails (X46)
- Roads
- Gasoline station areas (X37)
- Electric substations (X37)
- Parks (X4)
- Residential lawns (R1)
- MOA Land Parcels
- Zone A Protection Area
- Several Months Travel Time
- Zone B Protection Area
- Less Than 2 Years Travel Time
- Zone C Protection Area
- Less Than 5 Years Travel Time
- Zone D Protection Area
- Less Than 10 Years Travel Time





























Map 3

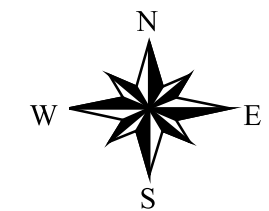
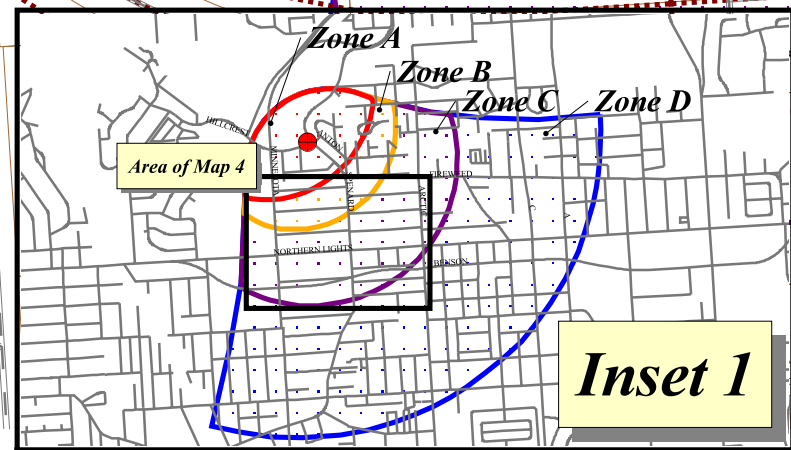
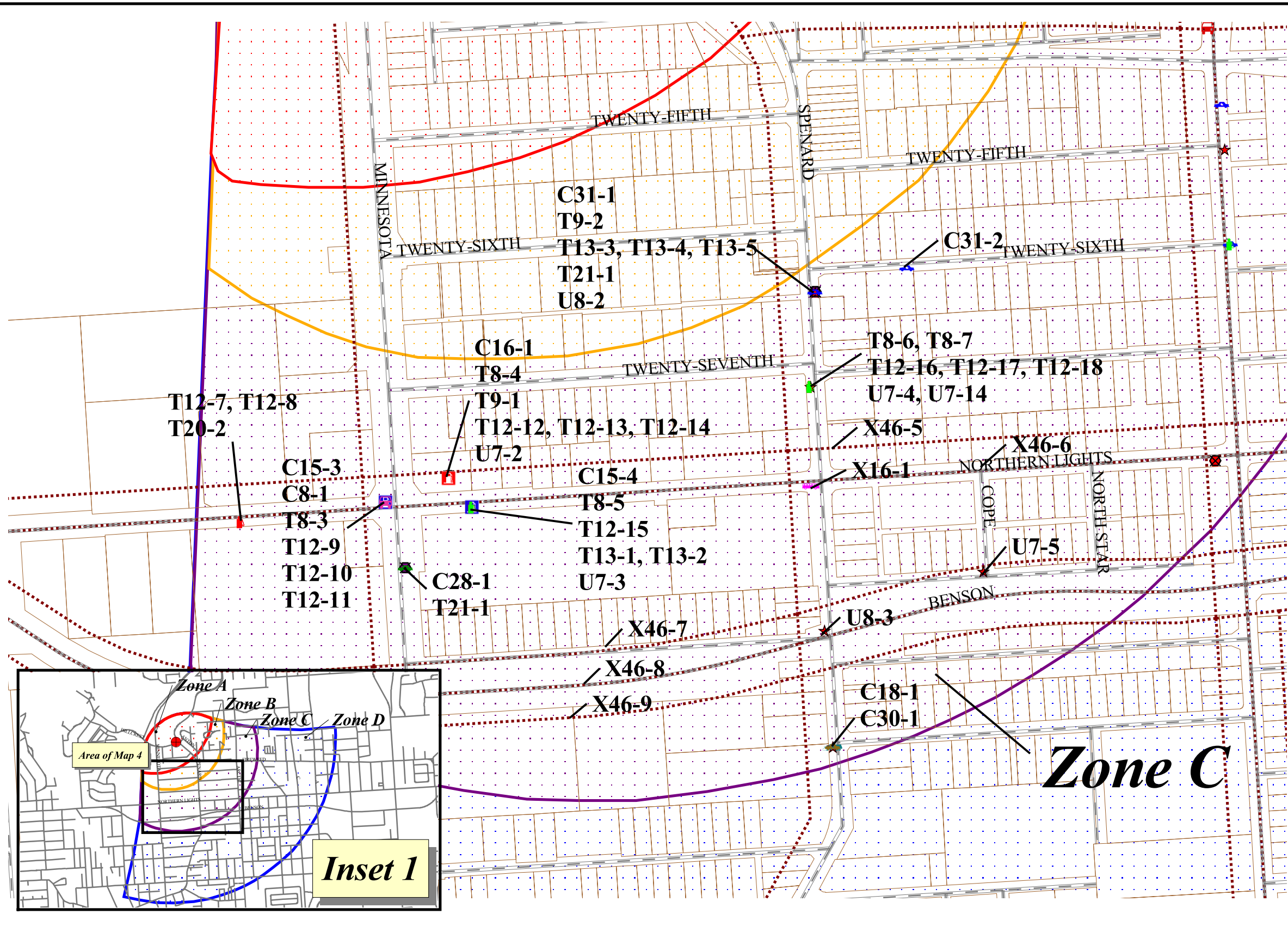


Romig Park Drinking Water Protection Areas and Potential and Existing Contaminant Sources

PWSID 211114.001

Contaminant Sources

-  Gasoline station (without repair shop) (C15)
-  Gasoline station (with repair shop) (C16)
-  Heavy equipment rental/storage (C18)
-  Motor vehicle dealerships (C27)
-  Motor vehicle supplies store (C28)
-  Motor vehicle rental facilities (C30)
-  Motor vehicle repair shops (C31)
-  Windshield/glass shops (C44)
-  Body shops (automotive) (C5)
-  Car washes with engine/undercarriage cleaning (C8)
-  Injection wells (Class V) Motor vehicle waste (D42)
-  Tanks, gasoline (underground) (T12)
-  Closed tanks, gasoline (underground) (T13)
-  Tanks, other petroleum products (underground) (T20)
-  Closed tanks, other petroleum products (underground) (T21)
-  Tanks, diesel (underground) (T8)
-  Closed tanks, diesel (underground) (T9)
-  Contaminated site, DEC recognized (U4)
-  Bus maintenance facilities (X16)
-  Roads
-  Trails (X46)
-  MOA Land Parcels
- Zone A Protection Area**
-  Several Months Travel Time
- Zone B Protection Area**
-  Less Than 2 Years Travel Time
- Zone C Protection Area**
-  Less Than 5 Years Travel Time
- Zone D Protection Area**
-  Less Than 10 Years Travel Time

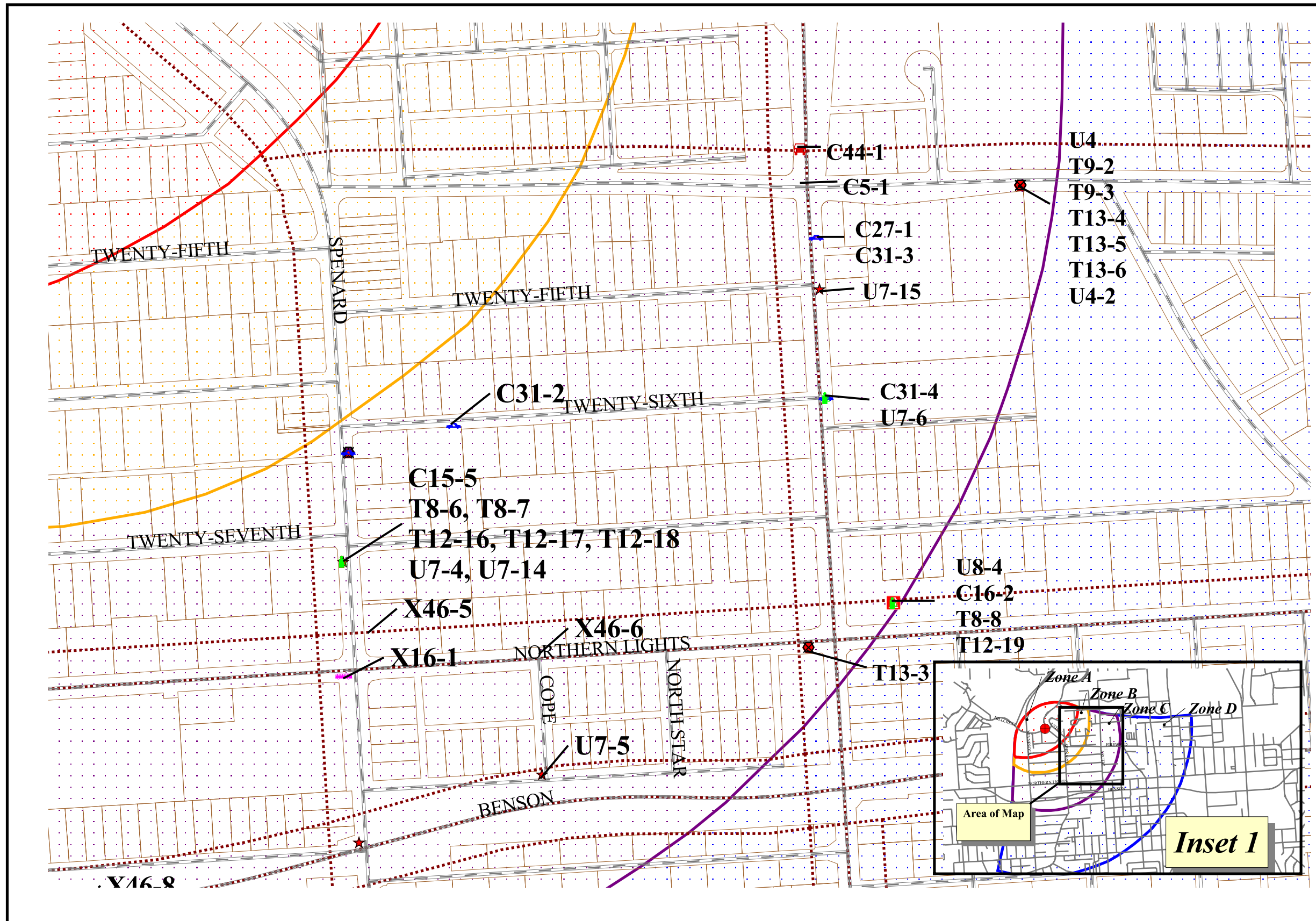


Map 4

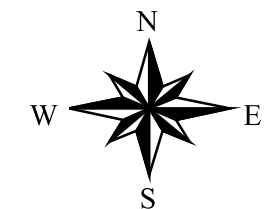
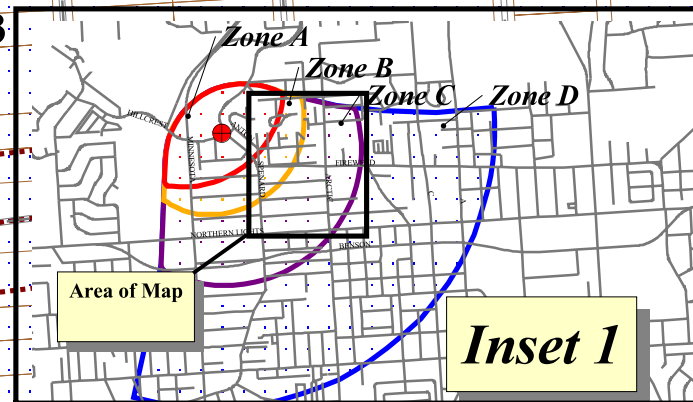


Romig Park Drinking Water Protection Area and Potential and Existing Contaminant Sources

PWSID 211114.001



- Contaminant Sources**
- ▲ Dry Cleaner (C10)
 - Furniture manufacturing, repair, and finishing (C14)
 - Gasoline station (without repair shop) (C15)
 - Gasoline station (with repair shop) (C16)
 - ✂ Printers, publishers, copiers (C37)
 - Car washes with engine cleaning (C8)
 - Injection wells (Class V) Industrial process (D40)
 - Injection wells (Class V) Motor vehicle waste (D42)
 - Electrical/electronic/communications equip. manufacturing (I13)
 - Jewelry manufacturing (I22)
 - Metal refining (I28)
 - Tanks, gasoline (underground) (T12)
 - Tanks, other petroleum products (underground) (T20)
 - Tanks, diesel (underground) (T8)
 - ★ Contaminated site, DEC recognized (U4)
 - ★ Leaking underground fuel storage tank (LUST) (heating oil) (U8)
 - Petroleum product bulk station/terminal (X11)
 - Private/Public Water Wells
 - Streams
 - Scrap, salvage, and junk yards (D59)
 - Parks (X4)
 - Roads
 - MOA Land Parcels
- Zone A Protection Area**
- Several Months Travel Time
- Zone B Protection Area**
- Less Than 2 Years Travel Time
- Zone C Protection Area**
- Less Than 5 Years Travel Time
- Zone D Protection Area**
- Less Than 10 Years Travel Time

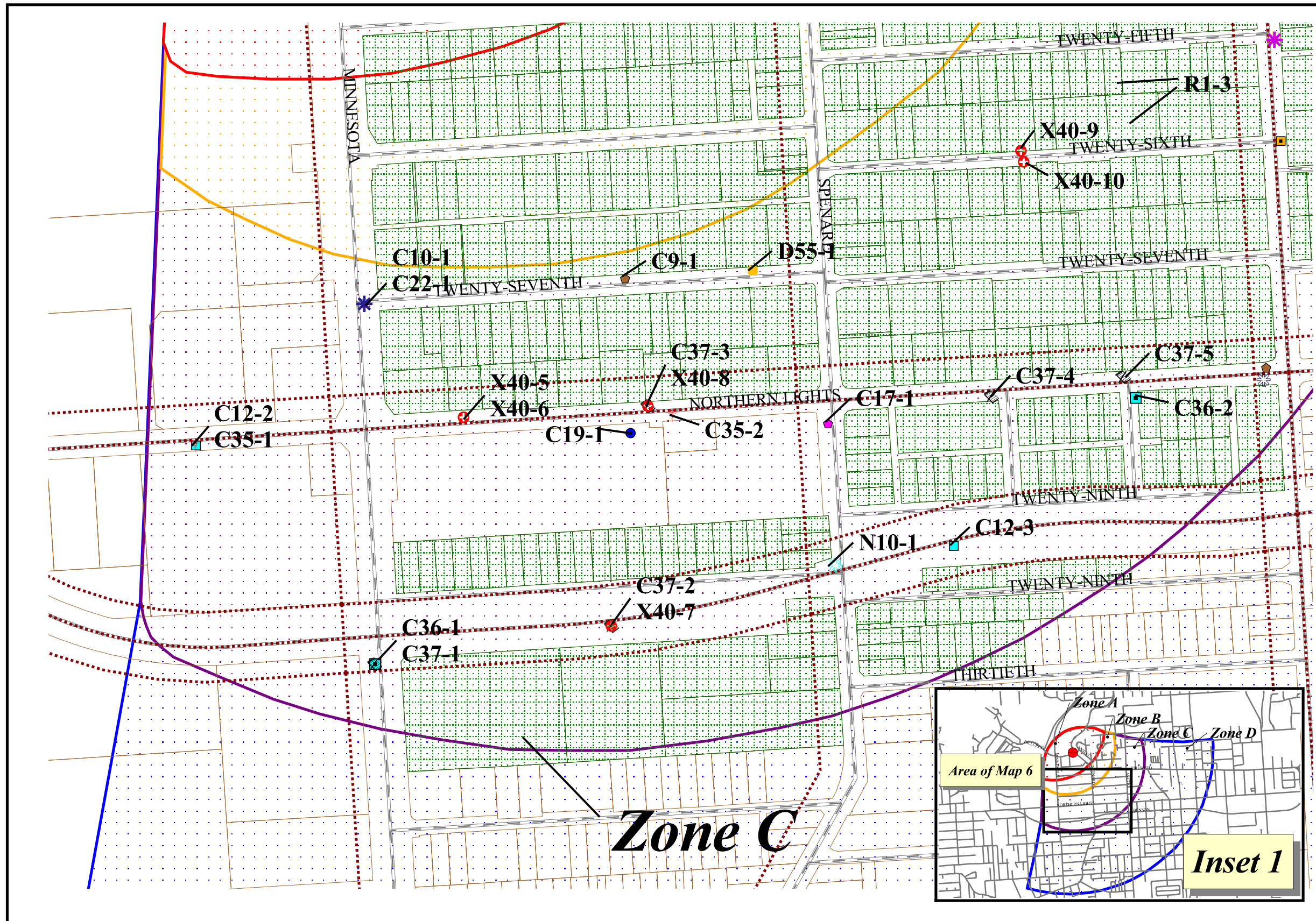


Map 5

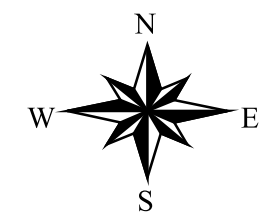
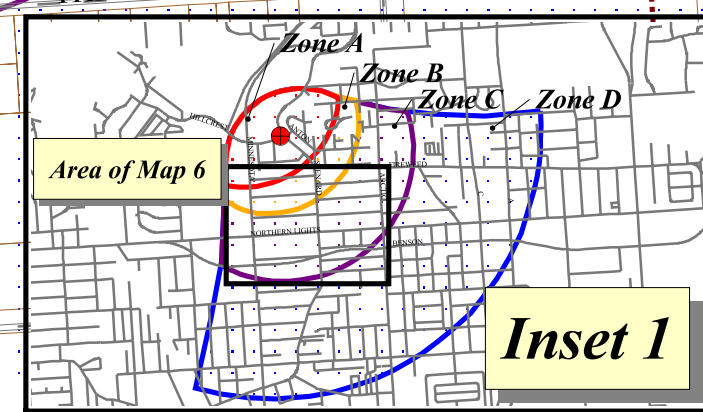


Romig Park Drinking Water Protection Areas and Potential and Existing Contaminant Sources

PWSID 211114.001



- Contaminant Sources**
- ▲ Dry cleaners (C10)
 - Florists (C12)
 - Furniture manufacturing, repair, and finishing (C14)
 - ◆ Hardware stores (C17)
 - Jewelers (C19)
 - Agricultural chemical sales/storage
 - ★ Laundromats without drycleaning (C22)
 - ⚡ Pharmacies (C35)
 - Photography supplies/photo processing (C36)
 - ⚡ Printers, publishers, copiers (C37)
 - Construction trade areas (C9)
 - Injection wells (Class V) Industrial process (D40)
 - Injection wells (Class V) Motor vehicle waste (D42)
 - Recycling and waste reduction facilities (D55)
 - Electroplating (I14)
 - Jewelry manufacturing (I22)
 - Seafood processing (N10)
 - Dairy products processing
 - Lumber processing and preservation
 - Pulp and paper processing (N8)
 - Medical/veterinary facilities (X40)
 - ⋯ Trails (X46)
 - Roads
 - Residential lawns (R1)
 - MOA Land Parcels
- Zone A Protection Area**
 ■ Several Months Travel Time
- Zone B Protection Area**
 ■ Less Than 2 Years Travel Time
- Zone C Protection Area**
 ■ Less Than 5 Years Travel Time
- Zone D Protection Area**
 ■ Less Than 10 Years Travel Time

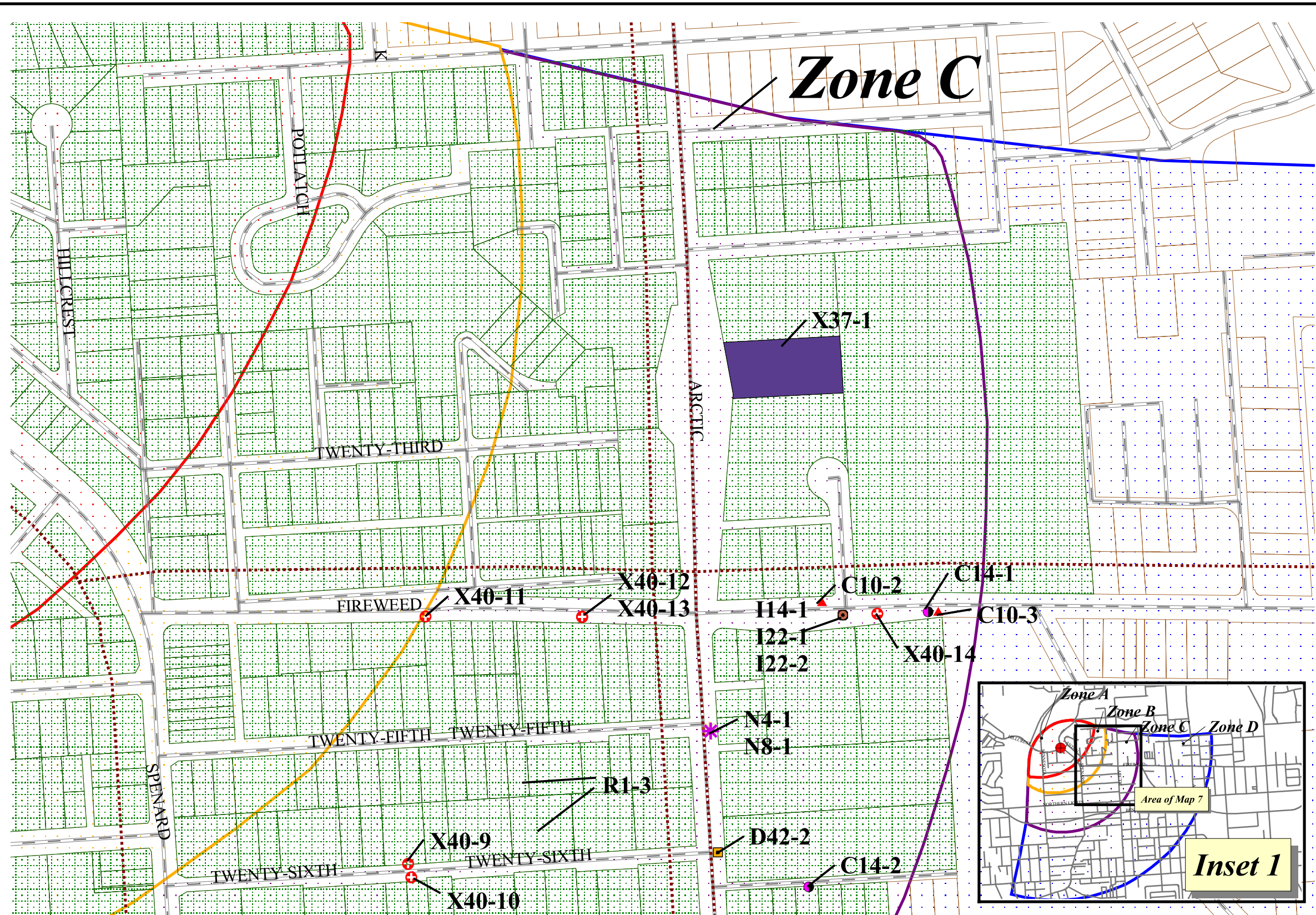


Map 6

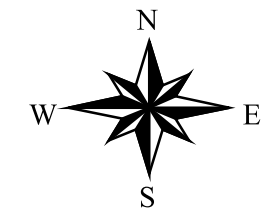
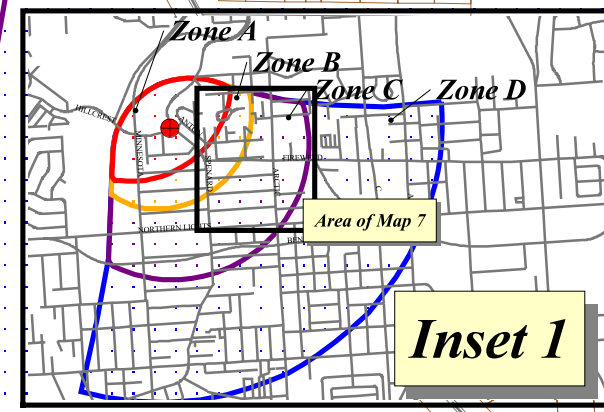


Romig Park Drinking Water Protection Areas and Potential and Existing Contaminant Sources

PWSID 211114.001



- Contaminant Sources**
- ▲ Dry cleaners (C10)
 - Florists (C12)
 - Furniture manufacturing, repair, and finishing (C14)
 - ◆ Hardware stores (C17)
 - Jewelers (C19)
 - Agricultural chemical sales/storage
 - ★ Laundromats without drycleaning (C22)
 - ◆ Pharmacies (C35)
 - Photography supplies/photo processing (C36)
 - ◆ Printers, publishers, copiers (C37)
 - Construction trade areas (C9)
 - Injection wells (Class V) Industrial process (D40)
 - Injection wells (Class V) Motor vehicle waste (D42)
 - Recycling and waste reduction facilities (D55)
 - Electroplating (I14)
 - Jewelry manufacturing (I22)
 - Seafood processing (N10)
 - Dairy products processing
 - Lumber processing and preservation
 - Pulp and paper processing (N8)
 - Medical/veterinary facilities (X40)
 - Trails (X46)
- Roads**
- Electric substations (X37)
 - Residential lawns (R1)
 - MOA Land Parcels
- Zone A Protection Area**
- Several Months Travel Time
- Zone B Protection Area**
- Less Than 2 Years Travel Time
- Zone C Protection Area**
- Less Than 5 Years Travel Time
- Zone D Protection Area**
- Less Than 10 Years Travel Time

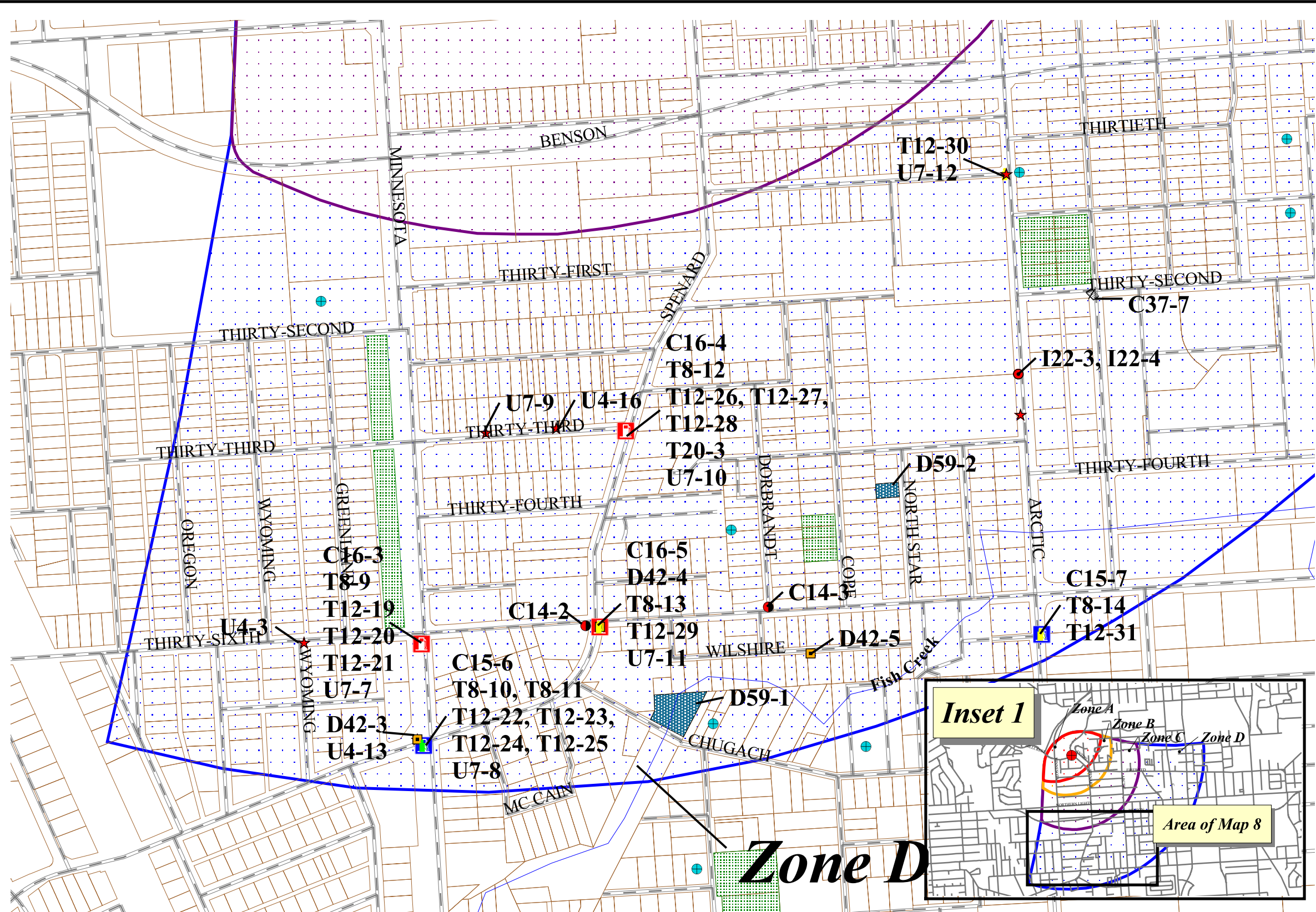


Map 7

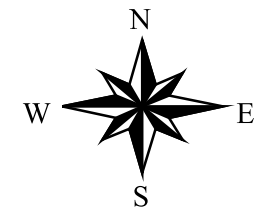
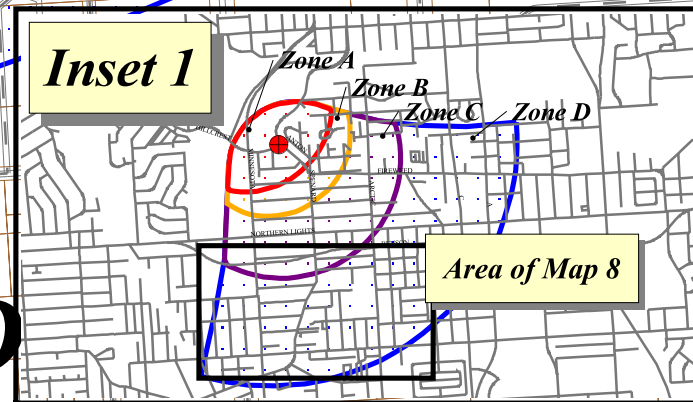


Romig Park Drinking Water Protection Areas and Potential and Existing Contaminant Sources

PWSID 211114.001



- Contaminant Sources**
- ▲ Dry Cleaner (C10)
 - Furniture manufacturing, repair, and finishing (C14)
 - Gasoline station (without repair shop) (C15)
 - Gasoline station (with repair shop) (C16)
 - ⊞ Printers, publishers, copiers (C37)
 - Car washes with engine cleaning (C8)
 - Injection wells (Class V) Industrial process (D40)
 - Injection wells (Class V) Motor vehicle waste (D42)
 - ⊞ Electrical/electronic/communications equip. manufacturing (I13)
 - Jewelry manufacturing (I22)
 - Metal refining (I28)
 - Tanks, gasoline (underground) (T12)
 - Tanks, other petroleum products (underground) (T20)
 - Tanks, diesel (underground) (T8)
 - ★ Contaminated site, DEC recognized (U4)
 - ★ Leaking underground fuel storage tank (LUST) (heating oil) (U8)
 - Petroleum product bulk station/terminal (X11)
 - Private/Public Water Wells
 - Streams
 - Scrap, salvage, and junk yards (D59)
 - Parks (X4)
 - Roads
 - MOA Land Parcels
 - Zone A Protection Area
 - Several Months Travel Time
 - Zone B Protection Area
 - Less Than 2 Years Travel Time
 - Zone C Protection Area
 - Less Than 5 Years Travel Time
 - Zone D Protection Area
 - Less Than 10 Years Travel Time

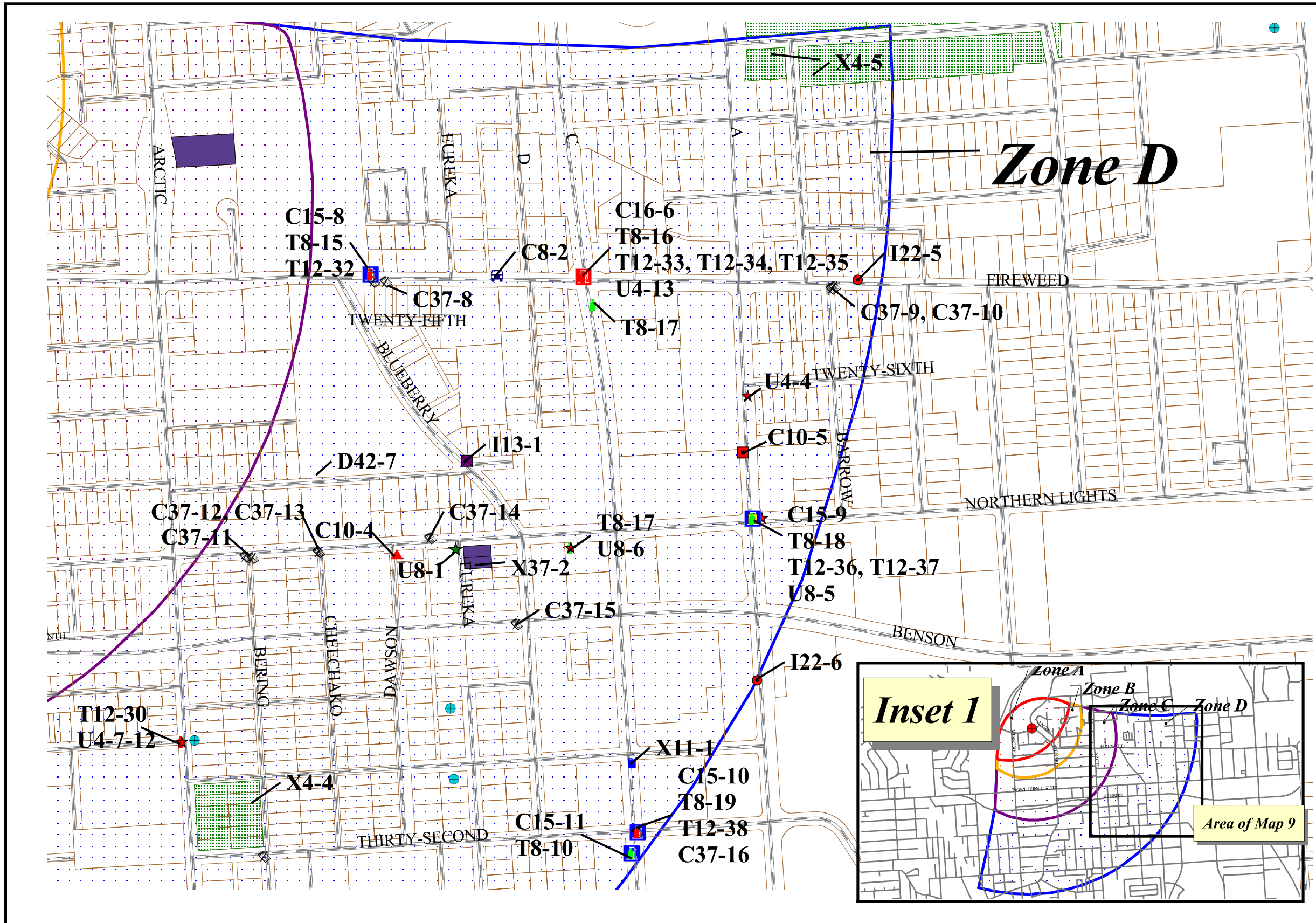


Map 8

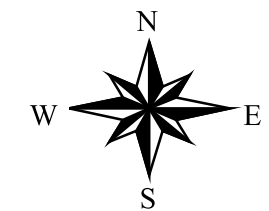
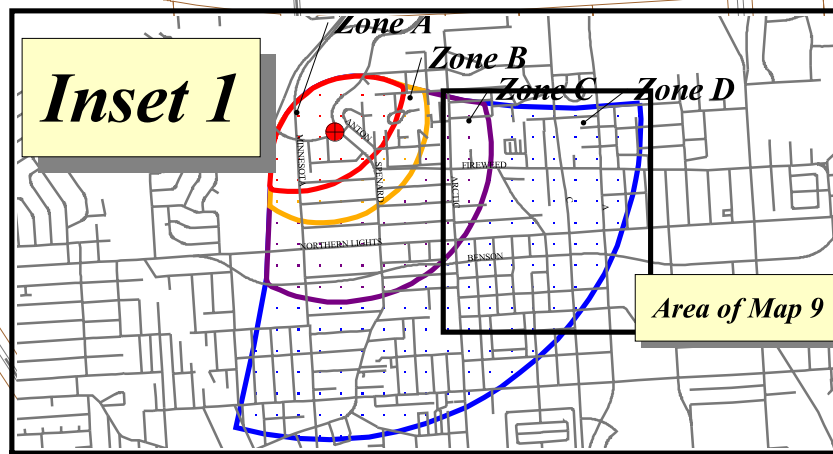


Romig Park Drinking Water Protection Areas and Potential and Existing Contaminant Sources

PWSID 211114.001



- Contaminant Sources**
- ▲ Dry Cleaner (C10)
 - Furniture manufacturing, repair, and finishing (C14)
 - 🛢 Gasoline station (without repair shop) (C15)
 - 🛢 Gasoline station (with repair shop) (C16)
 - 🖨 Printers, publishers, copiers (C37)
 - 🚗 Car washes with engine cleaning (C8)
 - 🏭 Injection wells (Class V) Industrial process (D40)
 - 🏭 Injection wells (Class V) Motor vehicle waste (D42)
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 - 🏭 Metal refining (I28)
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 - 🛢 Tanks, diesel (underground) (T8)
 - ★ Contaminated site, DEC recognized (U4)
 - ★ Leaking underground fuel storage tank (LUST) (heating oil) (U8)
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 - 🔵 Private/Public Water Wells
 - ⚡ Electric substations (X37)
 - 🌳 Parks (X4)
 - 🛣 Roads
 - 🏠 MOA Land Parcels
- Zone A Protection Area**
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- 🟡 Less Than 5 Years Travel Time
- Zone D Protection Area**
- 🔵 Less Than 10 Years Travel Time



Map 9



APPENDIX D

Vulnerability Analysis for Romig Park Subdivision (Charts 1-14)

Chart 1. Susceptibility of the wellhead - Romig Park Subdivision

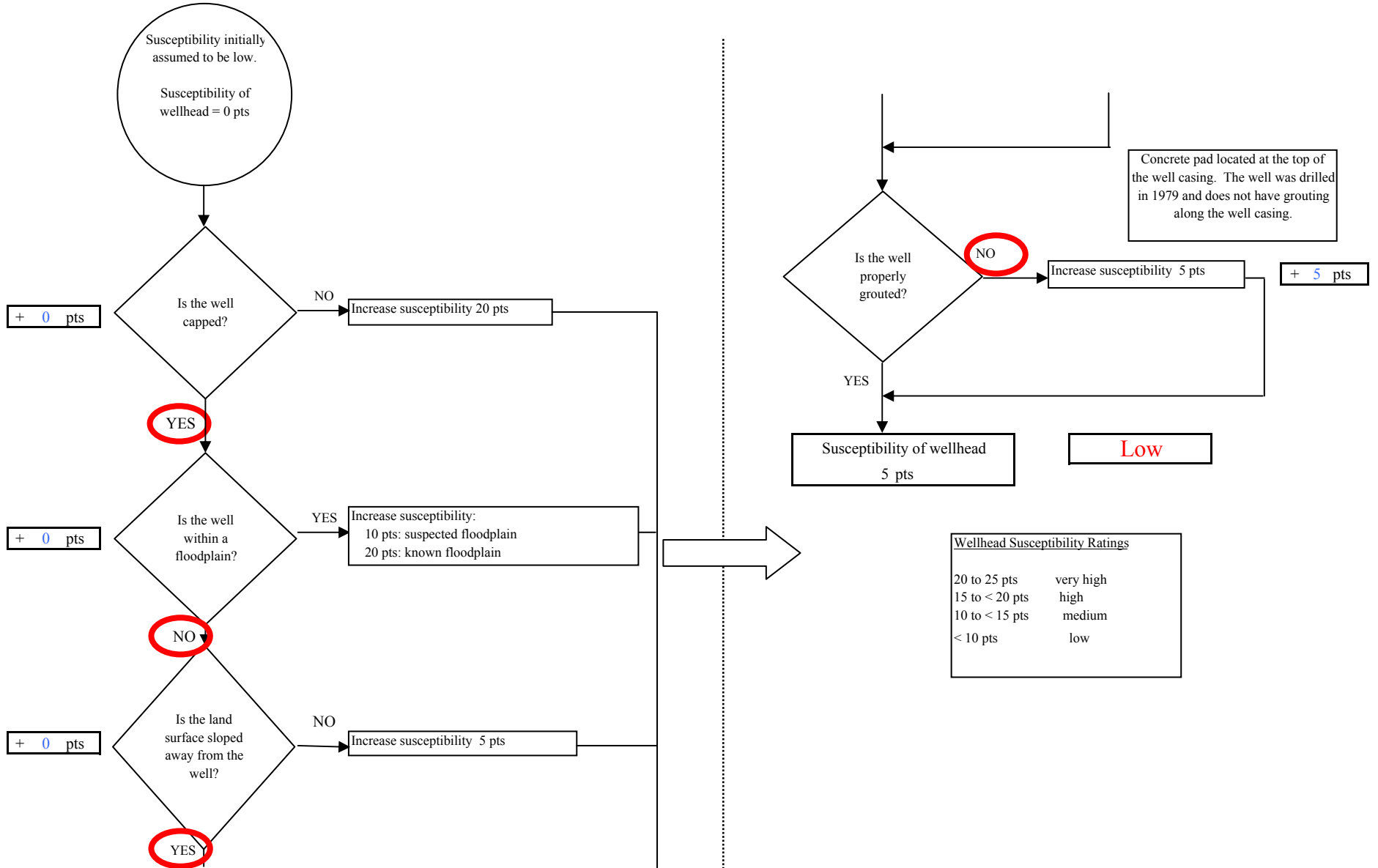


Chart 2. Susceptibility of the aquifer - Romig Park Subdivision

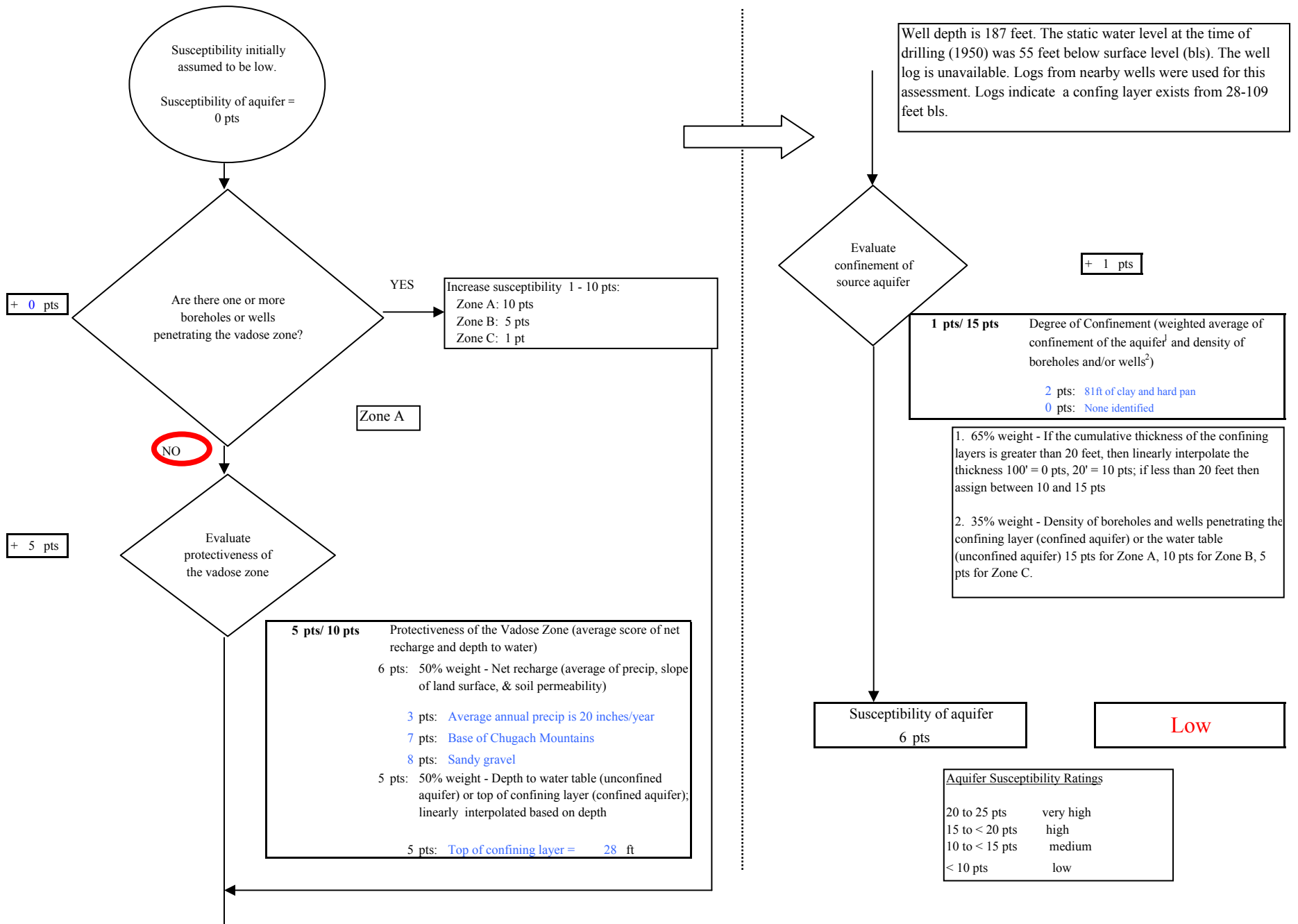
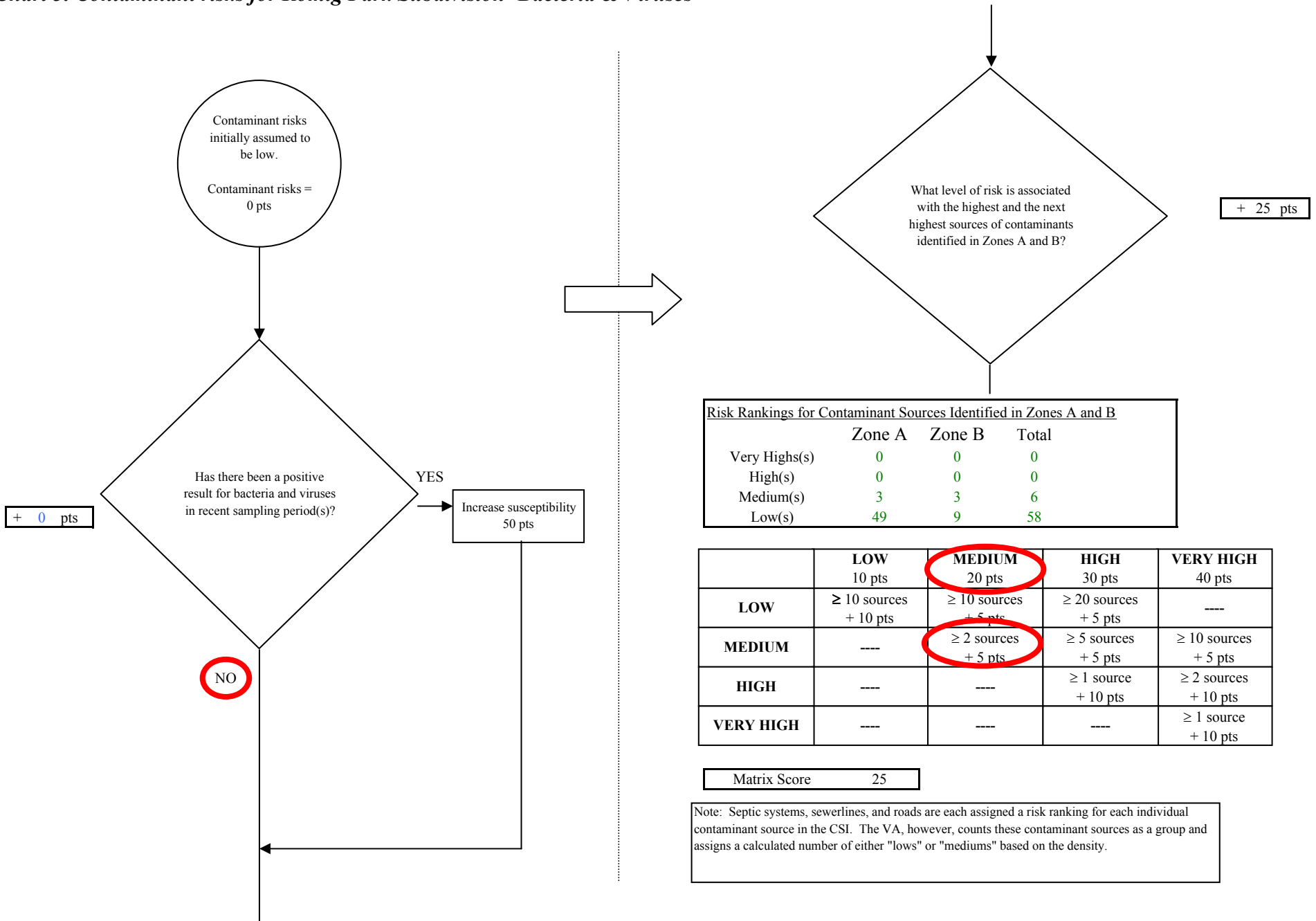


Chart 3. Contaminant risks for Romig Park Subdivision- Bacteria & Viruses



Risk Rankings for Contaminant Sources Identified in Zones A and B

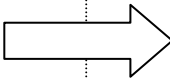
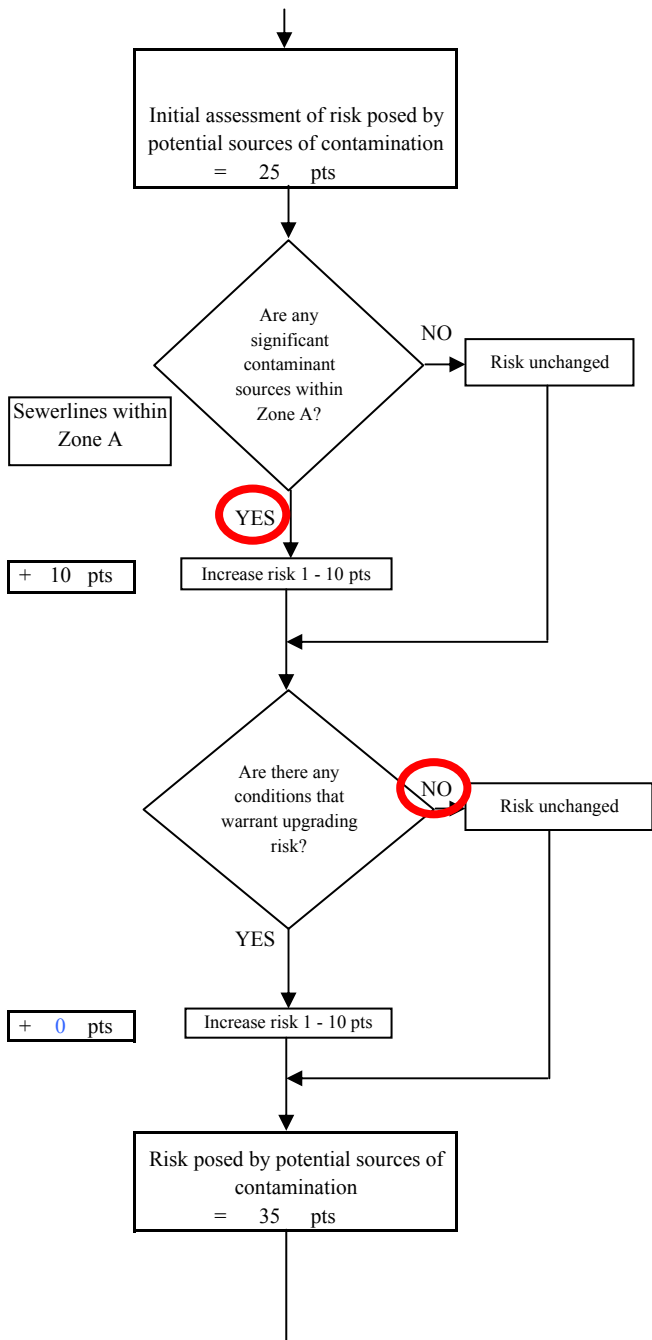
	Zone A	Zone B	Total
Very High(s)	0	0	0
High(s)	0	0	0
Medium(s)	3	3	6
Low(s)	49	9	58

	LOW 10 pts	MEDIUM 20 pts	HIGH 30 pts	VERY HIGH 40 pts
LOW	≥ 10 sources + 10 pts	≥ 10 sources + 5 pts	≥ 20 sources + 5 pts	----
MEDIUM	----	≥ 2 sources + 5 pts	≥ 5 sources + 5 pts	≥ 10 sources + 5 pts
HIGH	----	----	≥ 1 source + 10 pts	≥ 2 sources + 10 pts
VERY HIGH	----	----	----	≥ 1 source + 10 pts

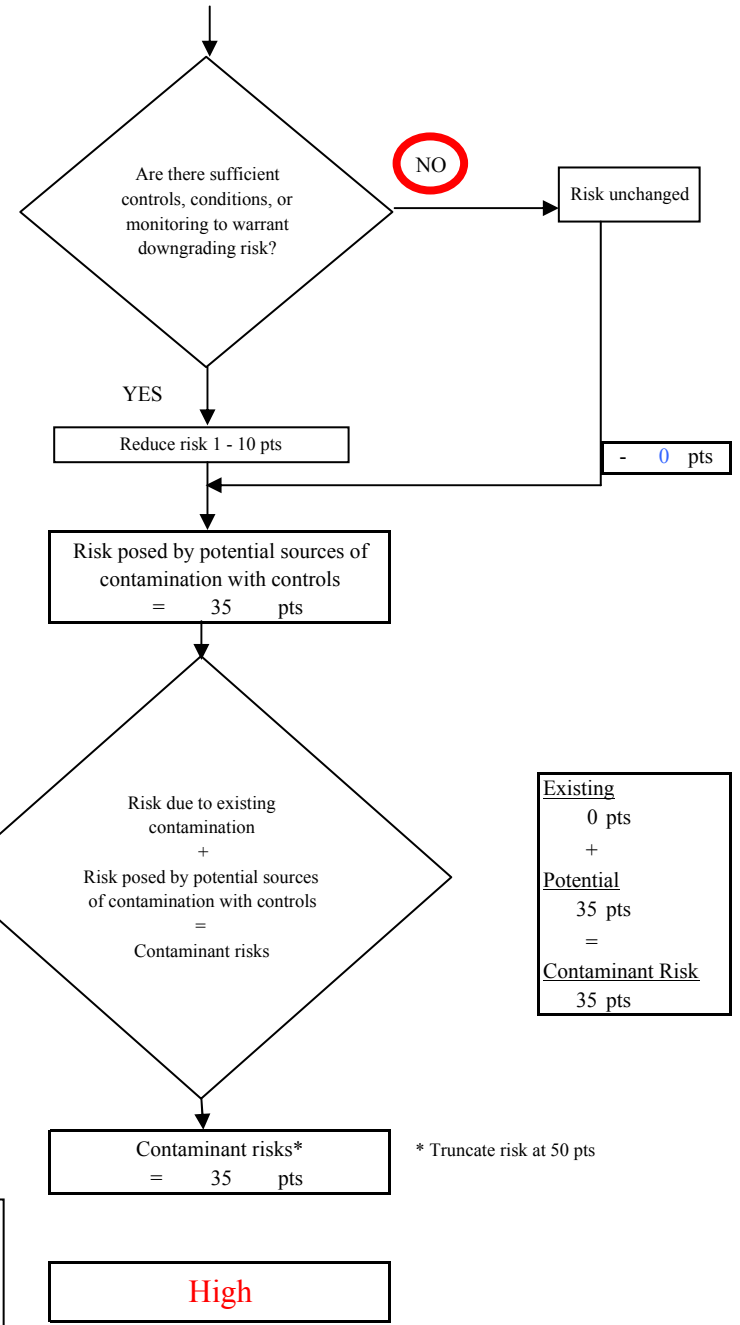
Matrix Score 25

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 3. Contaminant risks for Romig Park Subdivision- Bacteria & Viruses



Contaminant Risk Ratings	
40 to 50 pts	very high
30 to < 40 pts	high
20 to < 30 pts	medium
< 20 pts	low



<u>Existing</u>	0 pts
+	
<u>Potential</u>	35 pts
=	
<u>Contaminant Risk</u>	35 pts

* Truncate risk at 50 pts

Chart 4. Vulnerability analysis for Romig Park Subdivision- Bacteria & Viruses

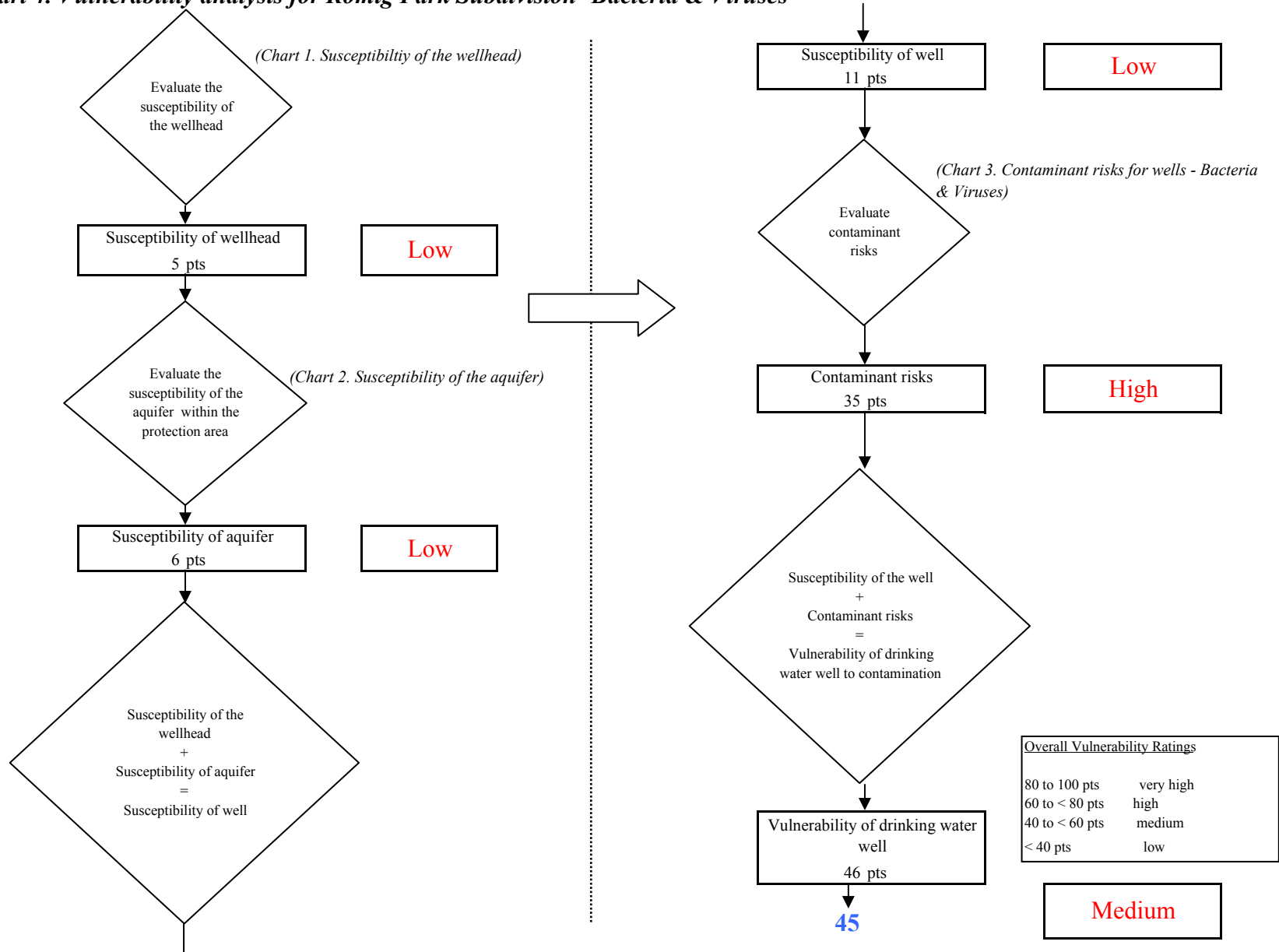


Chart 5. Contaminant risks for Romig Park Subdivision- Nitrates and Nitrites

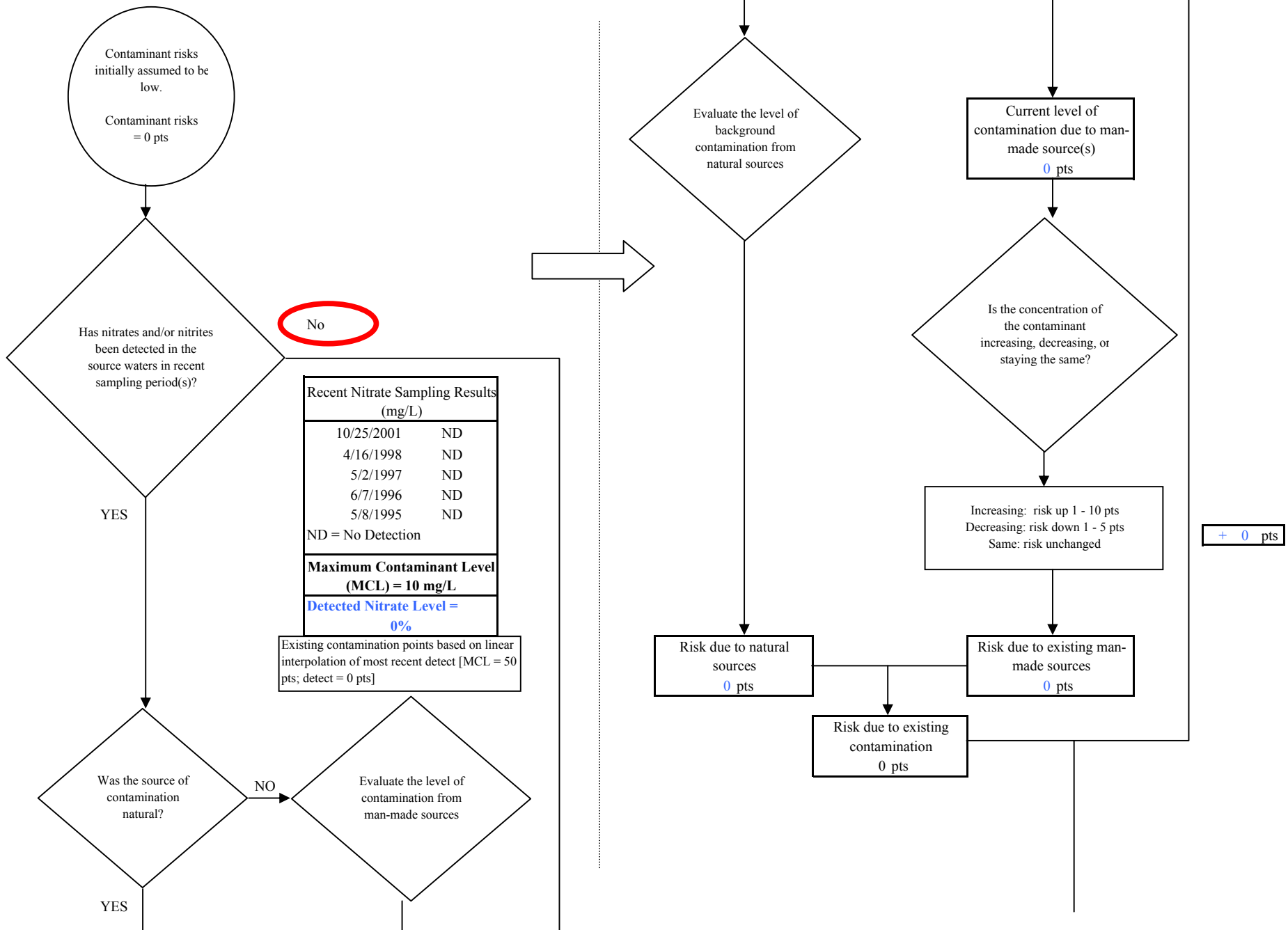
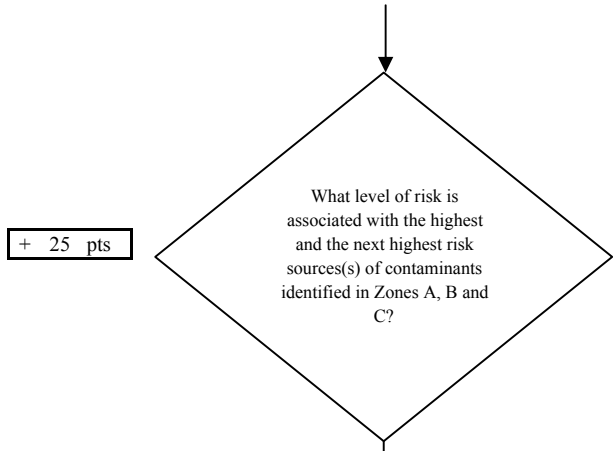


Chart 5. Contaminant risks for Romig Park Subdivision- Nitrates and Nitrites



+ 25 pts

Risk Levels for Contaminant Sources identified in Zones A, B and C			
	Zone A	Zones B&C	Total
Very Highs(s)	0	0	0
High(s)	0	0	0
Medium(s)	3	0	3
Low(s)	49	47	96

	LOW 10 pts	MEDIUM 20 pts	HIGH 30 pts	VERY HIGH 40 pts
LOW	≥ 10 sources + 10 pts	≥ 10 sources + 5 pts	≥ 20 sources + 5 pts	----
MEDIUM	----	≥ 2 sources + 5 pts	≥ 5 sources + 5 pts	≥ 10 sources + 5 pts
HIGH	----	----	≥ 1 source + 10 pts	≥ 2 sources + 10 pts
VERY HIGH	----	----	----	≥ 1 source + 10 pts

Matrix Score 25

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.

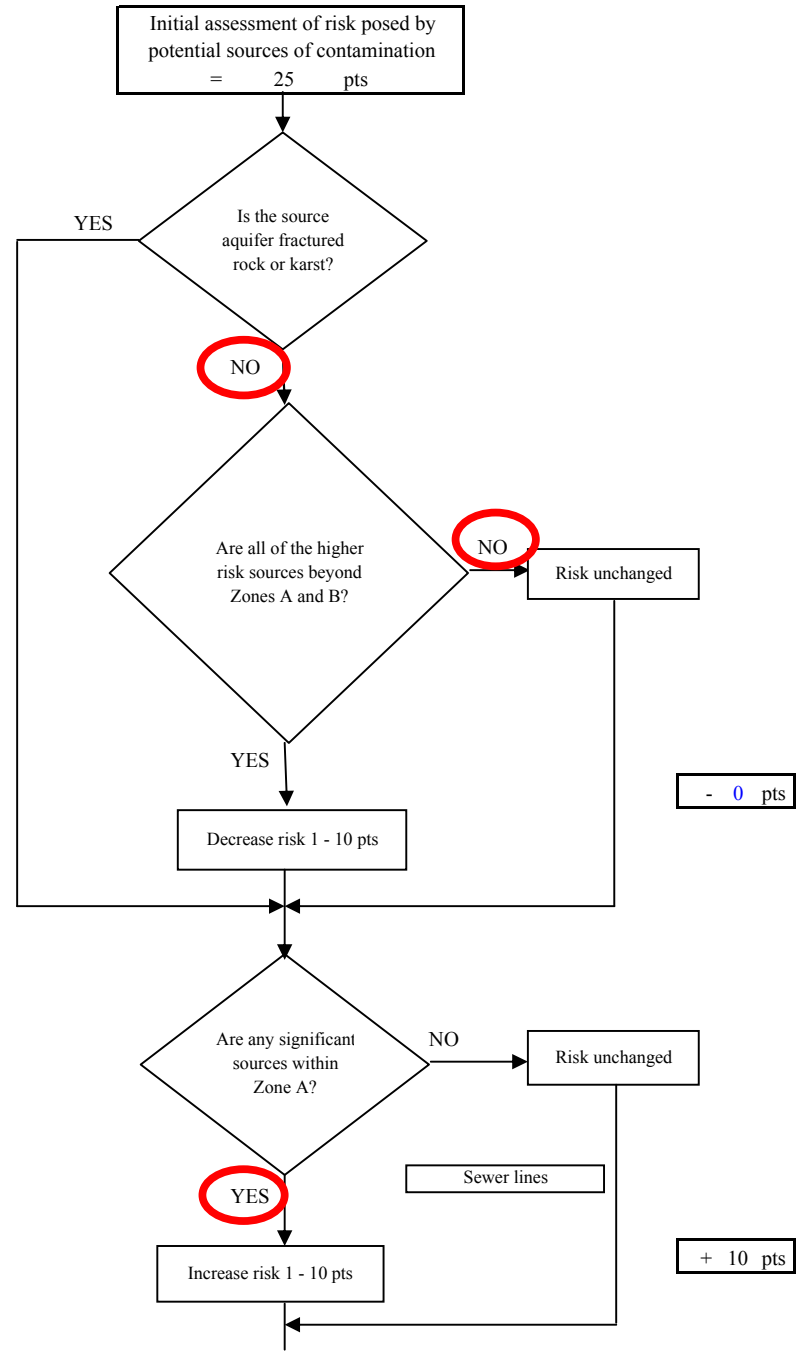
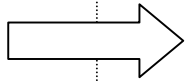


Chart 5. Contaminant risks for Romig Park Subdivision- Nitrates and Nitrites

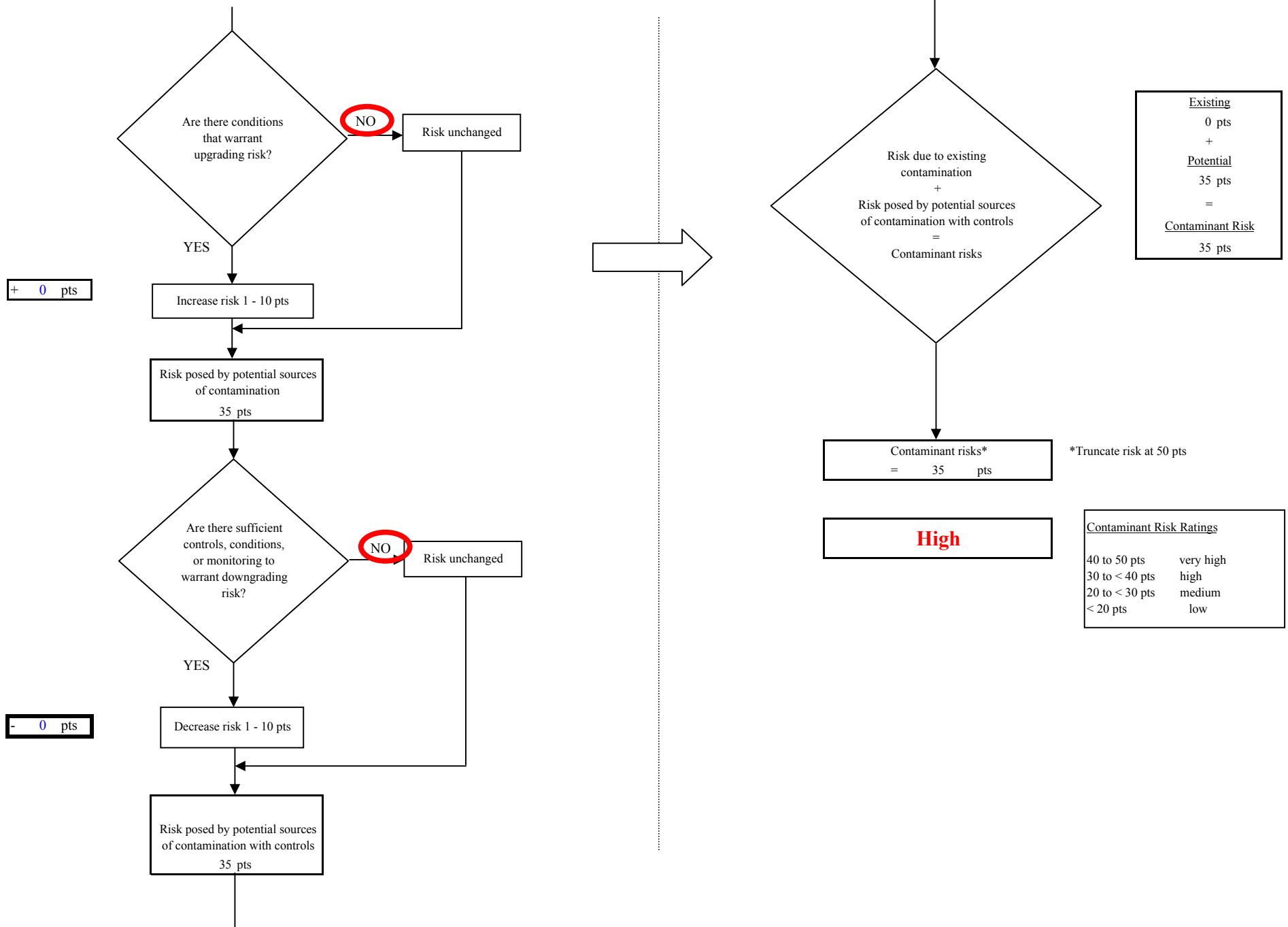


Chart 6. Vulnerability analysis for Romig Park Subdivision- Nitrates and Nitrites

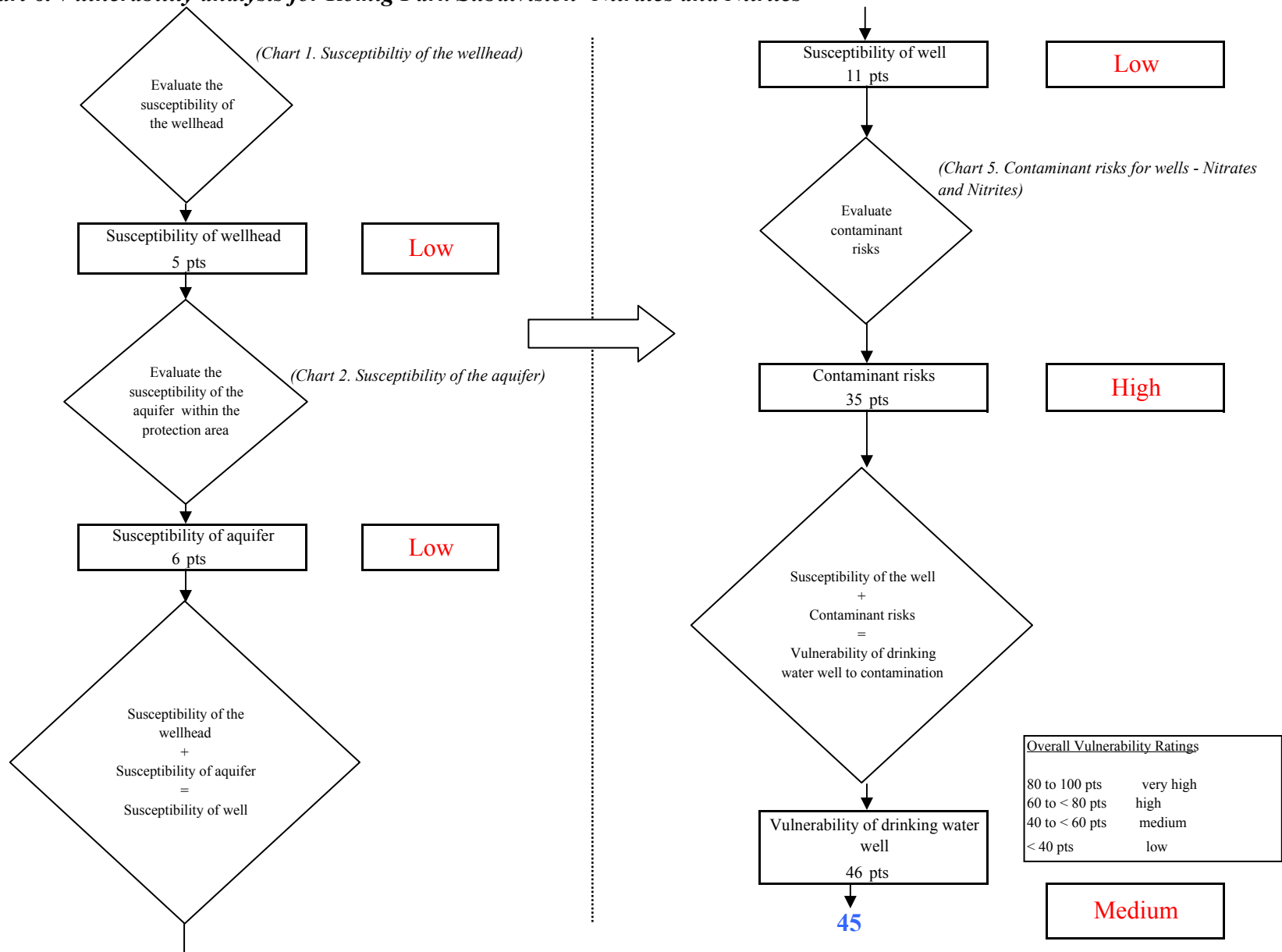


Chart 7. Contaminant risks for Romig Park Subdivision- Volatile Organic Chemicals

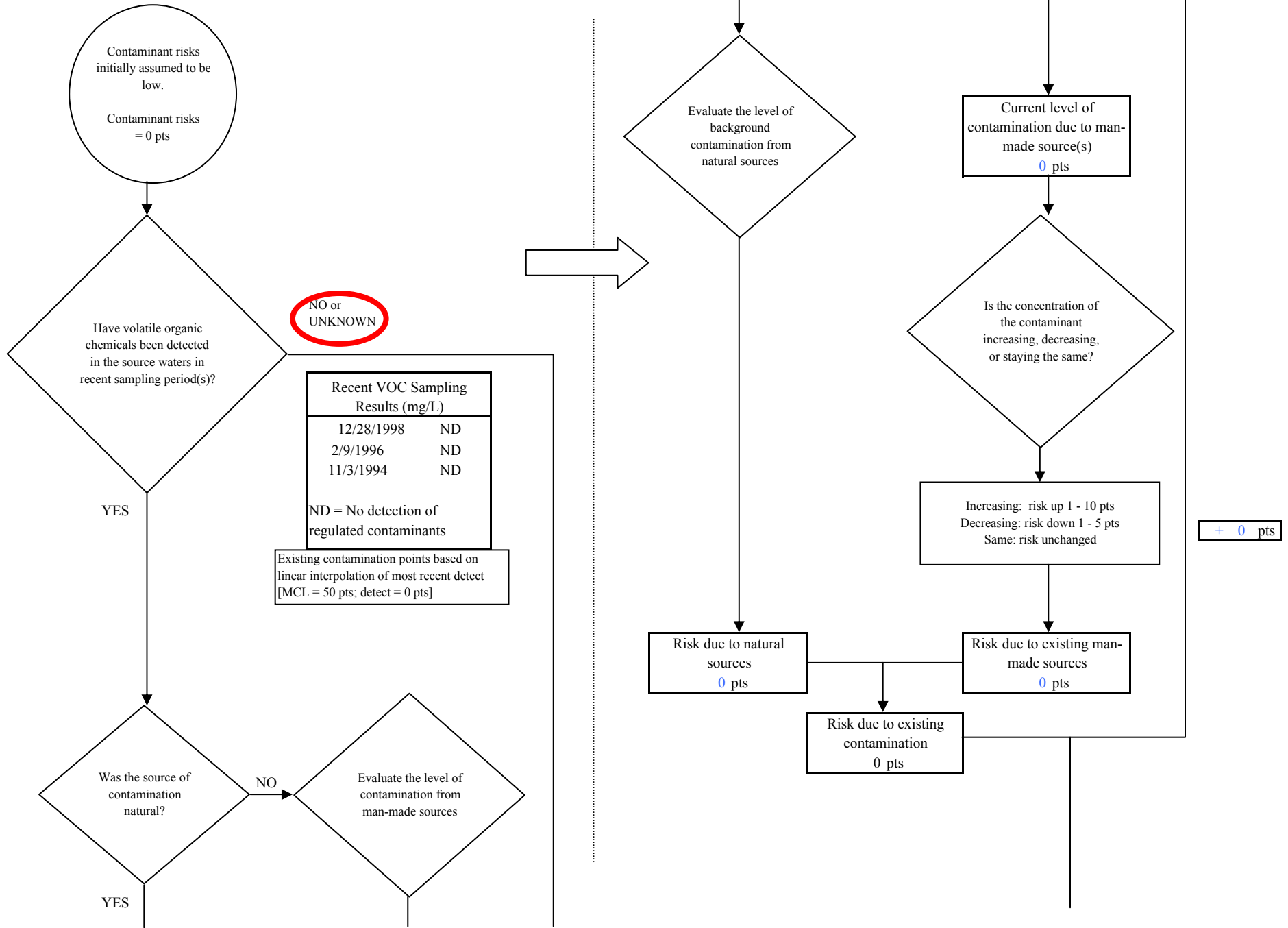


Chart 7. Contaminant risks for Romig Park Subdivision- Volatile Organic Chemicals

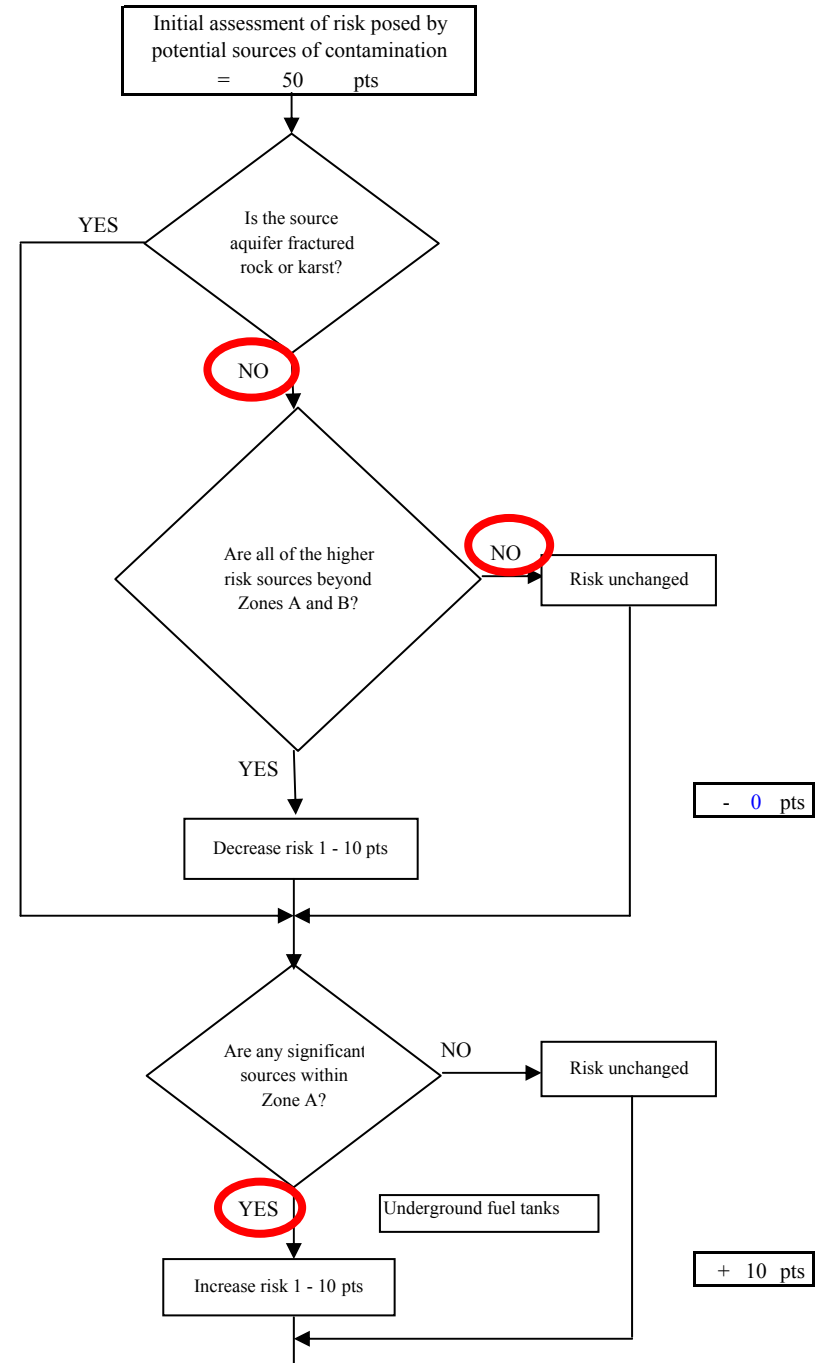
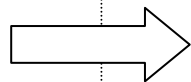
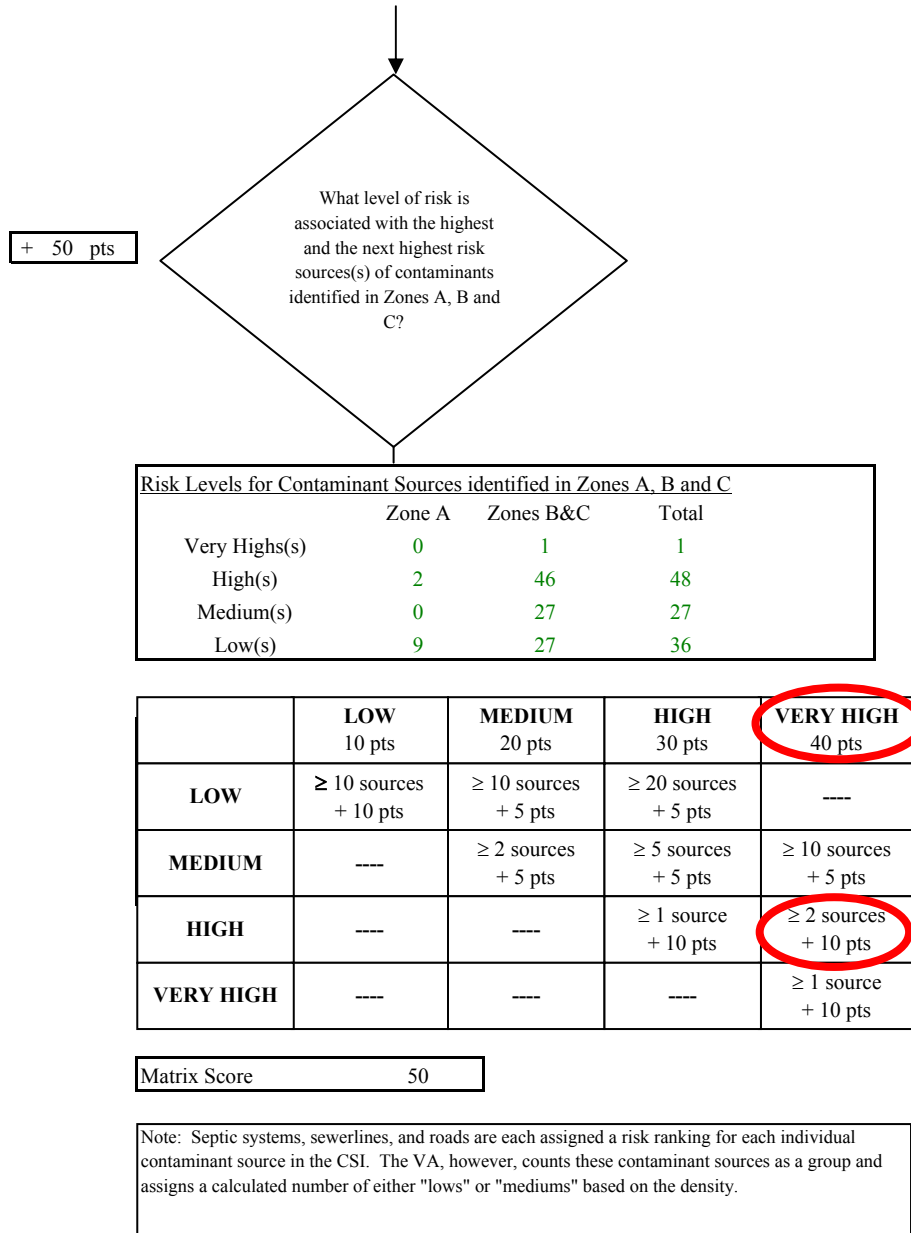


Chart 7. Contaminant risks for Romig Park Subdivision- Volatile Organic Chemicals

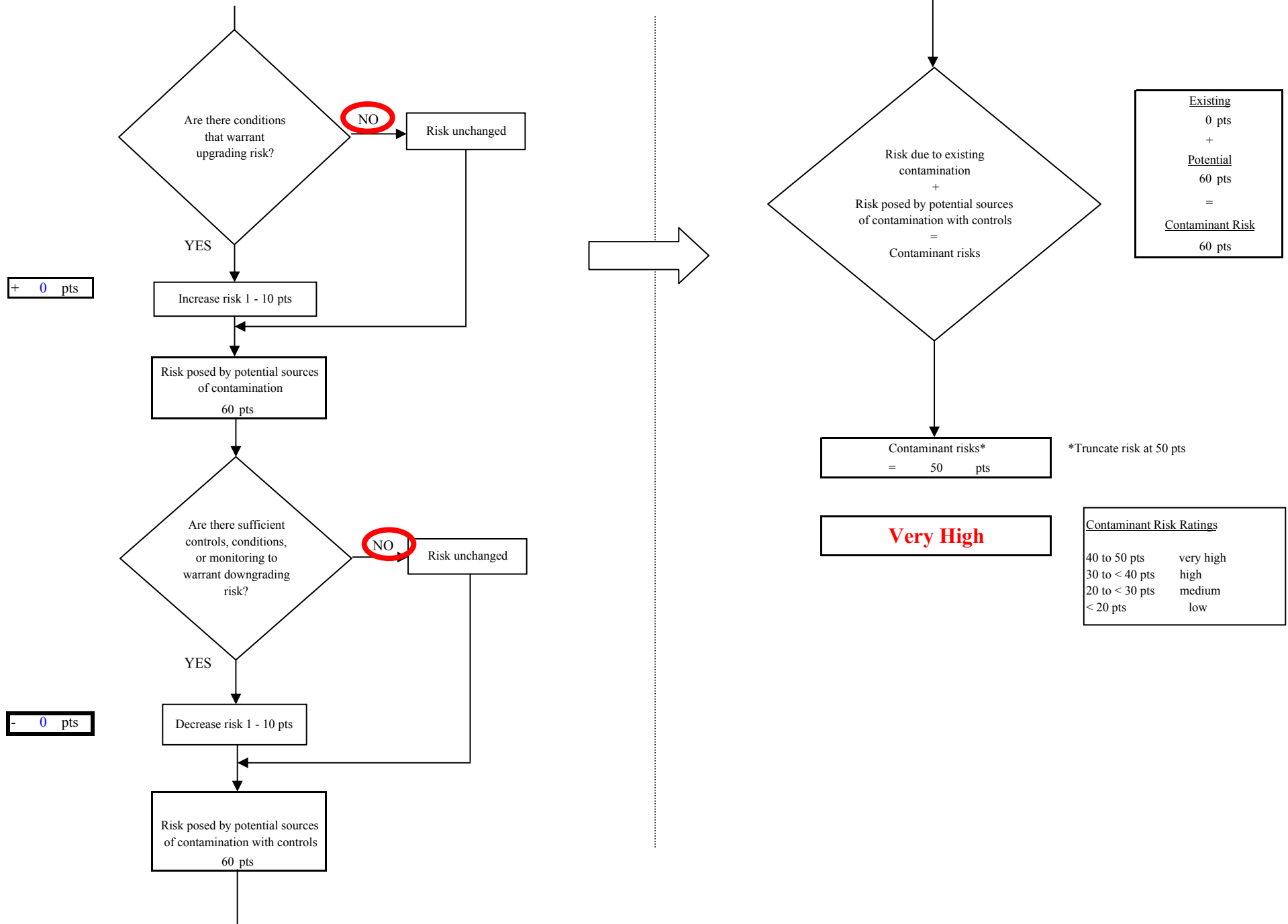


Chart 8. Vulnerability analysis for Romig Park Subdivision- Volatile Organic Chemicals

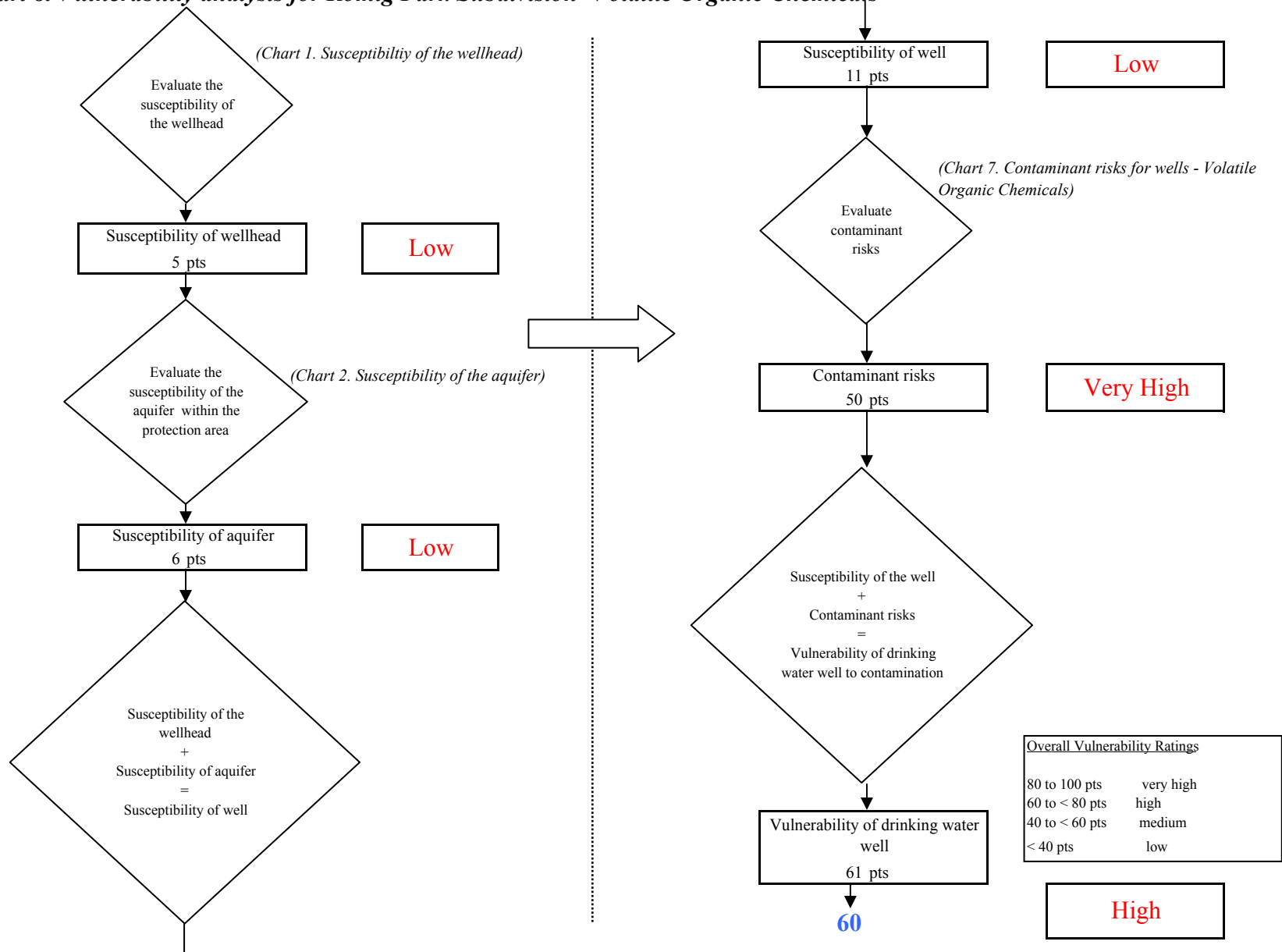


Chart 9. Contaminant risks for Romig Park Subdivision- Heavy Metals, Cyanide and Other Inorganic Chemicals

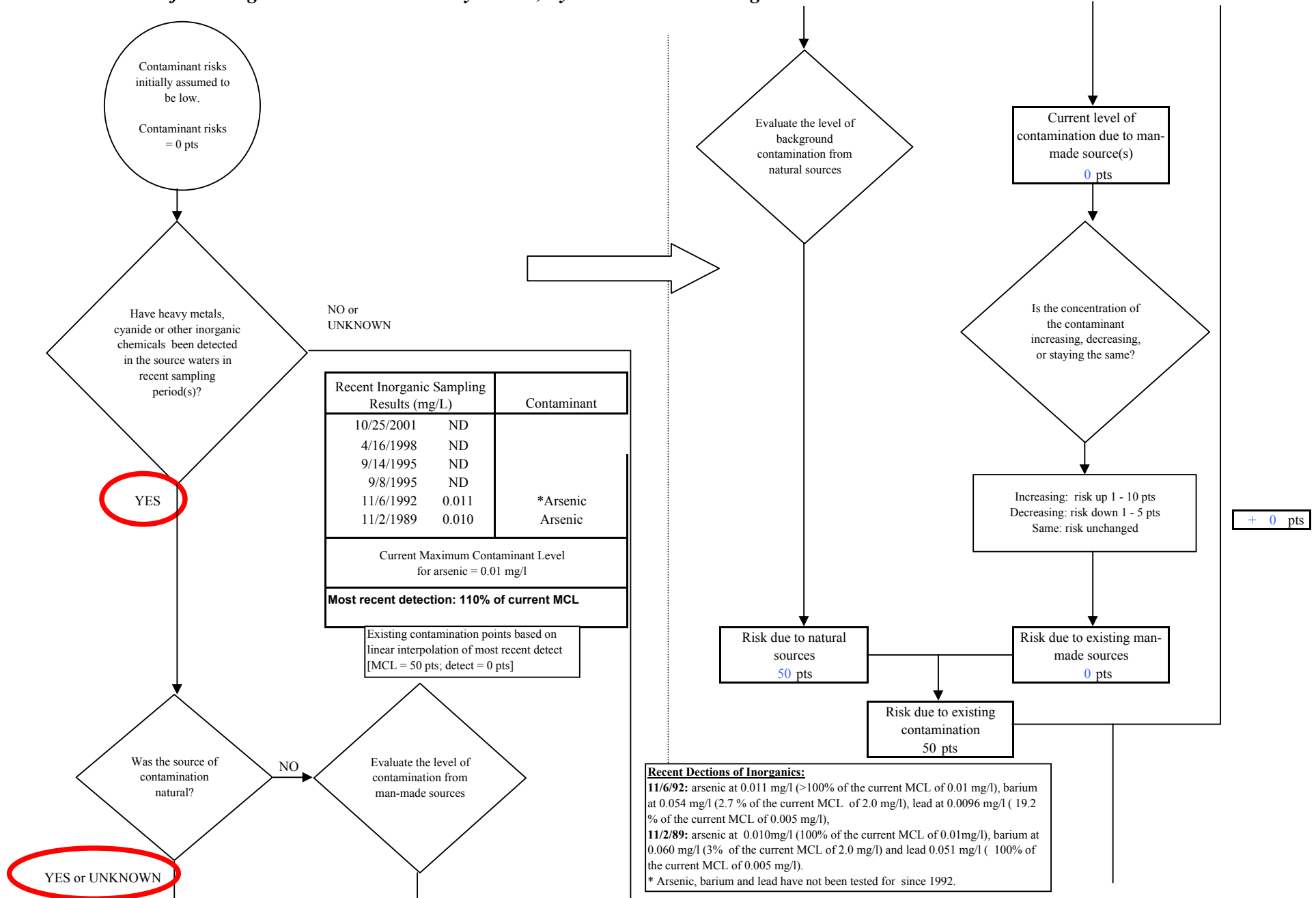


Chart 9. Contaminant risks for Romig Park Subdivision- Heavy Metals, Cyanide and Other Inorganic Chemicals

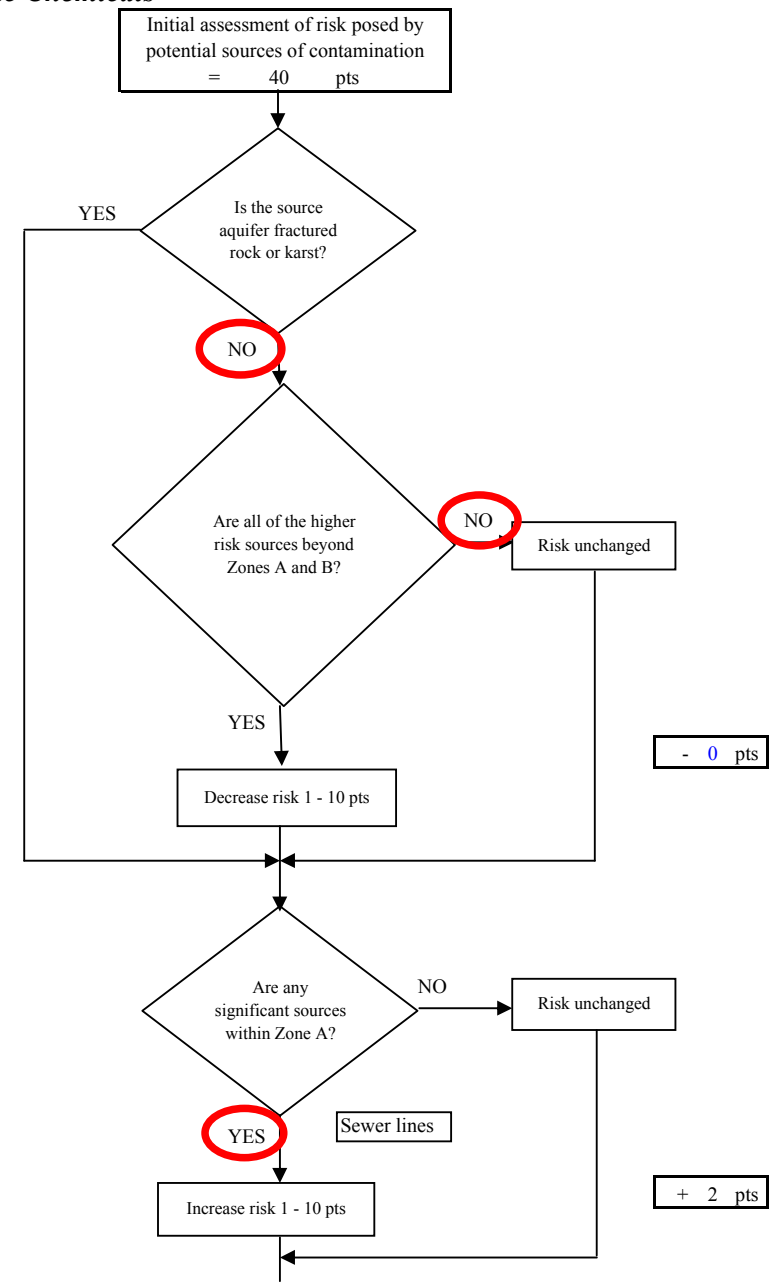
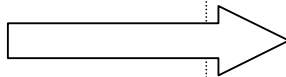
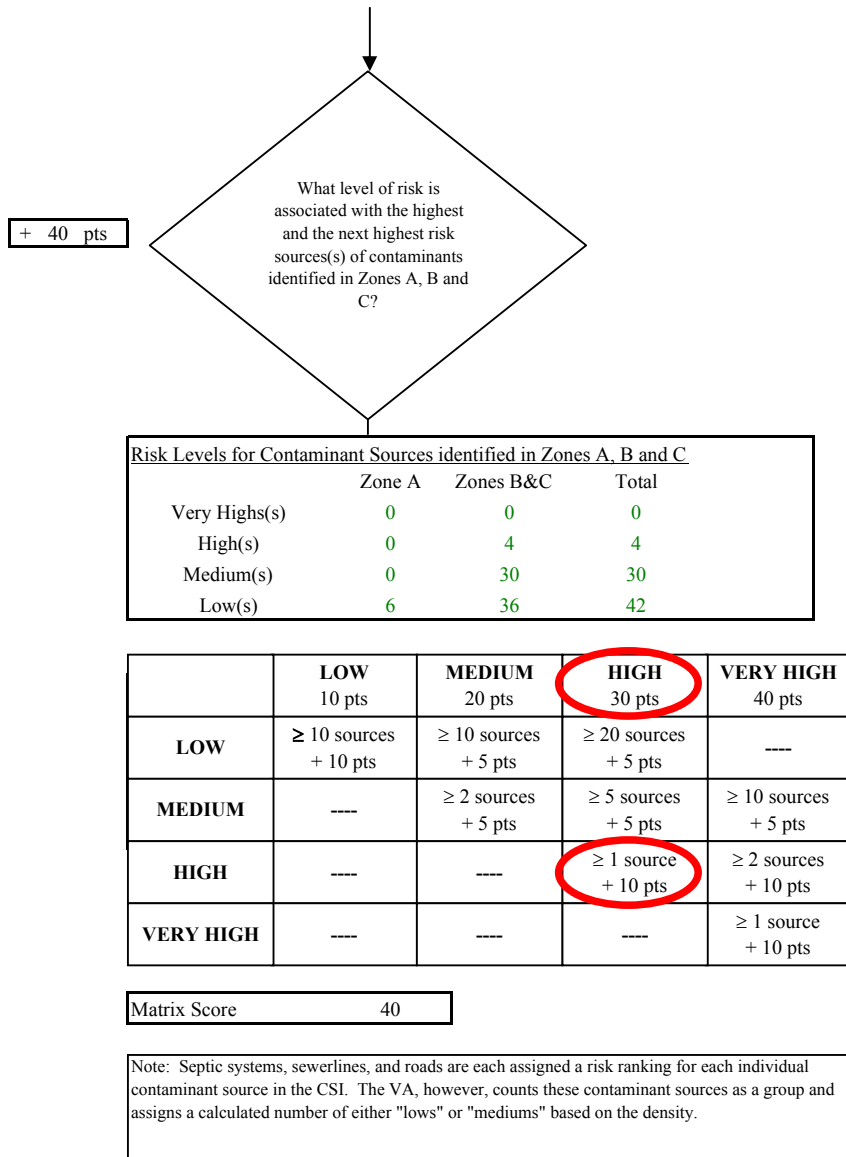


Chart 9. Contaminant risks for Romig Park Subdivision- Heavy Metals, Cyanide and Other Inorganic Chemicals

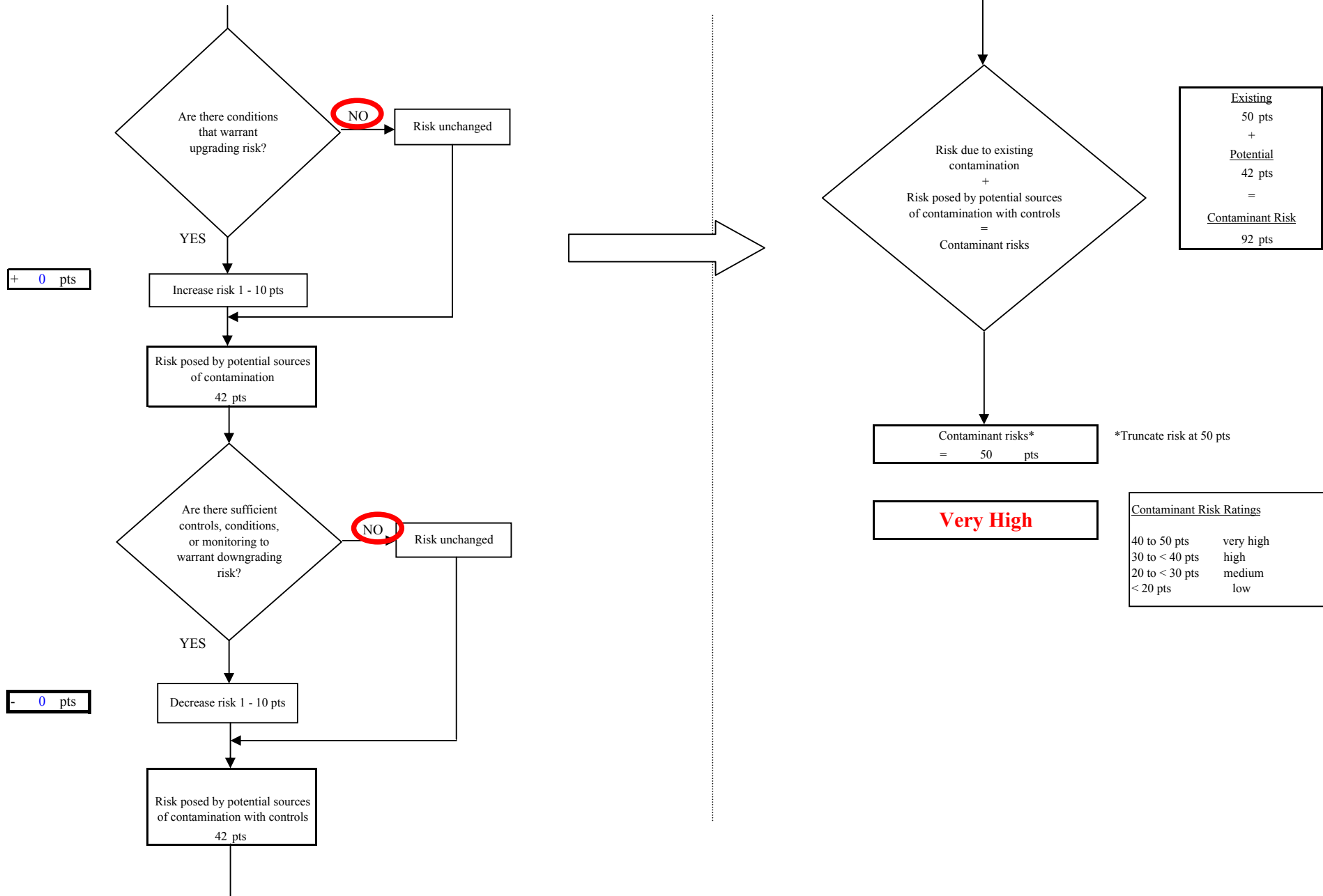


Chart 10. Vulnerability analysis for Romig Park Subdivision- Heavy Metals, Cyanide and Other Inorganic Chemicals

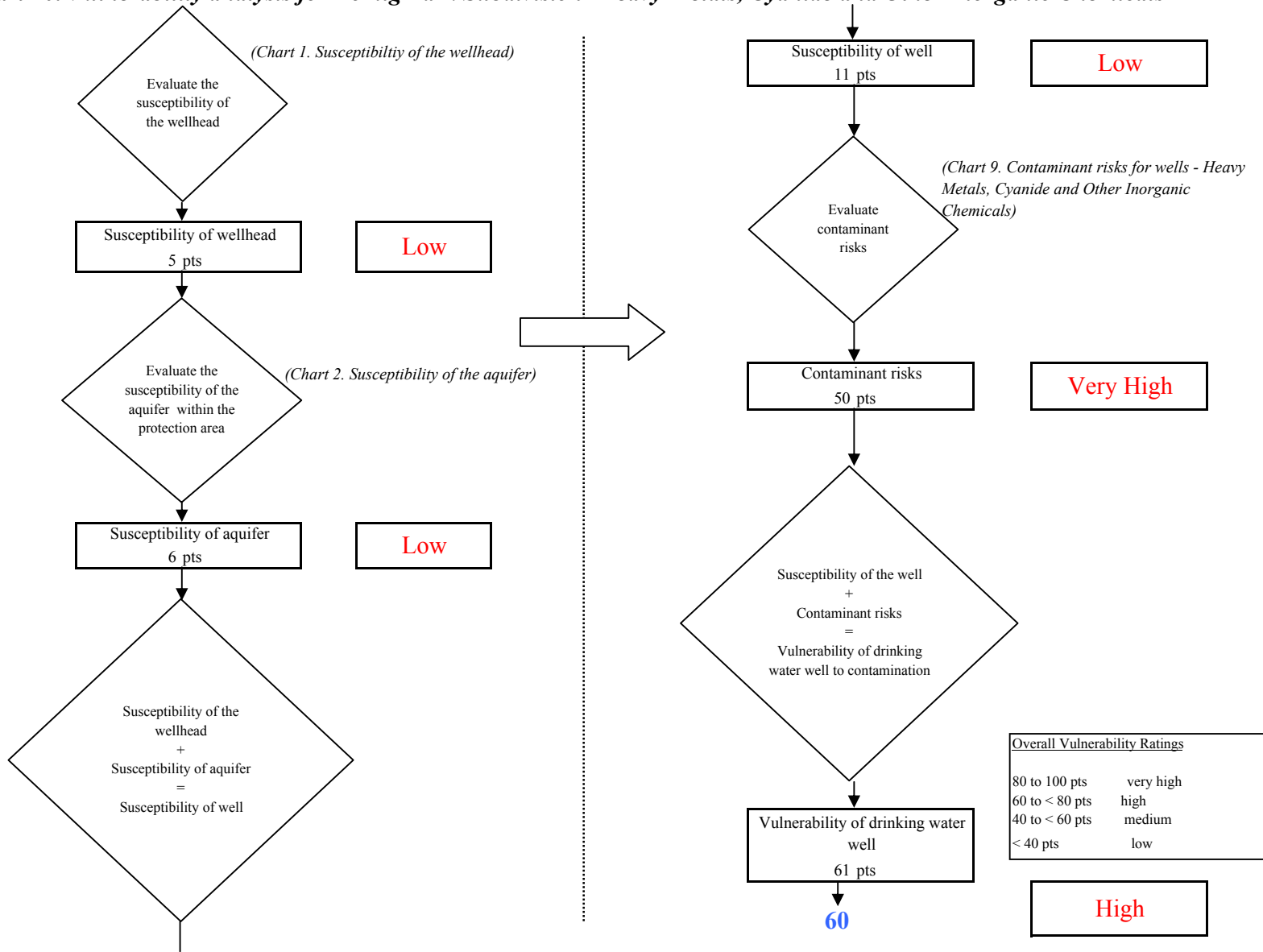


Chart 11. Contaminant risks for Romig Park Subdivision- Synthetic Organic Chemicals

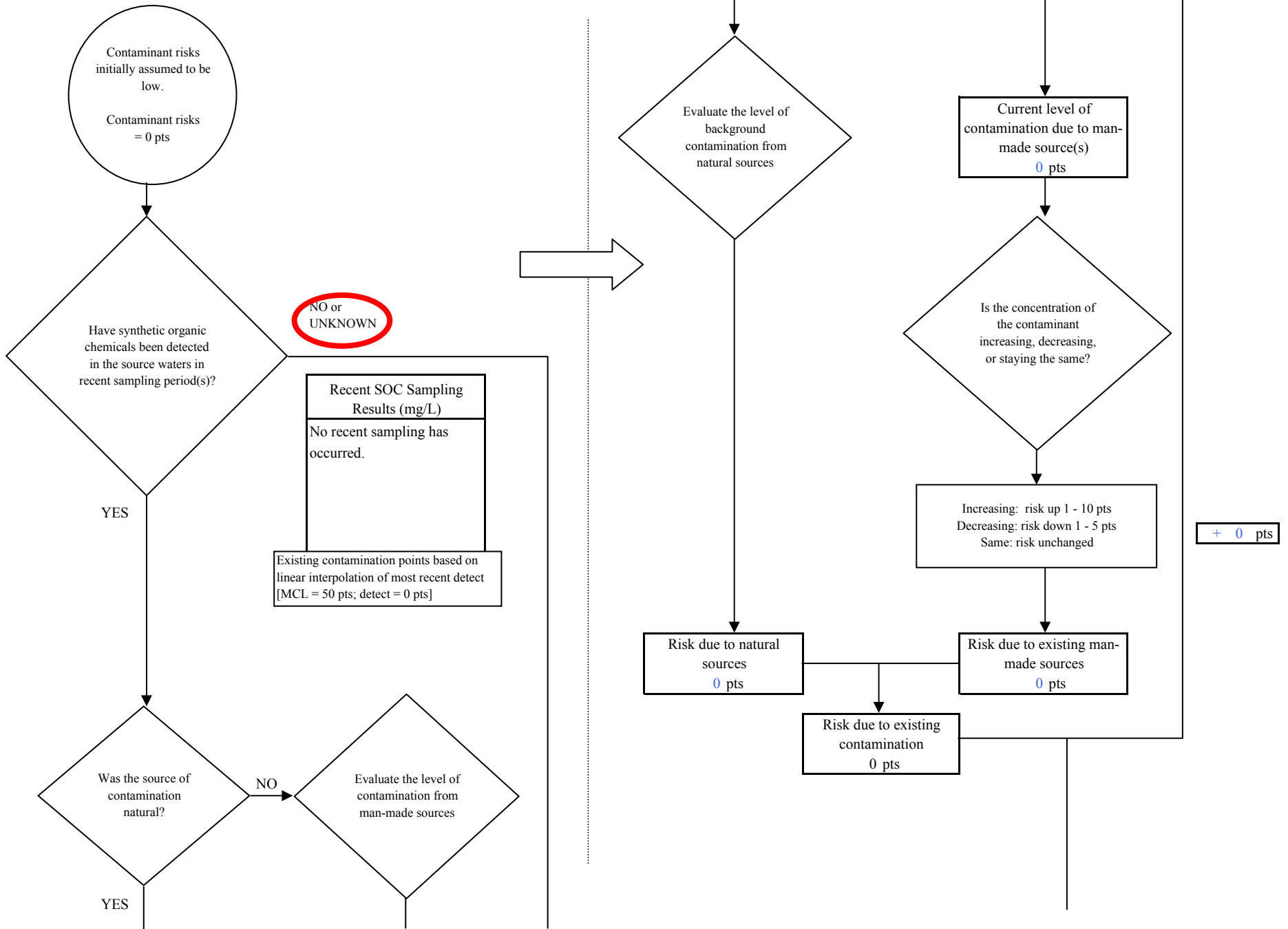


Chart 11. Contaminant risks for Romig Park Subdivision- Synthetic Organic Chemicals

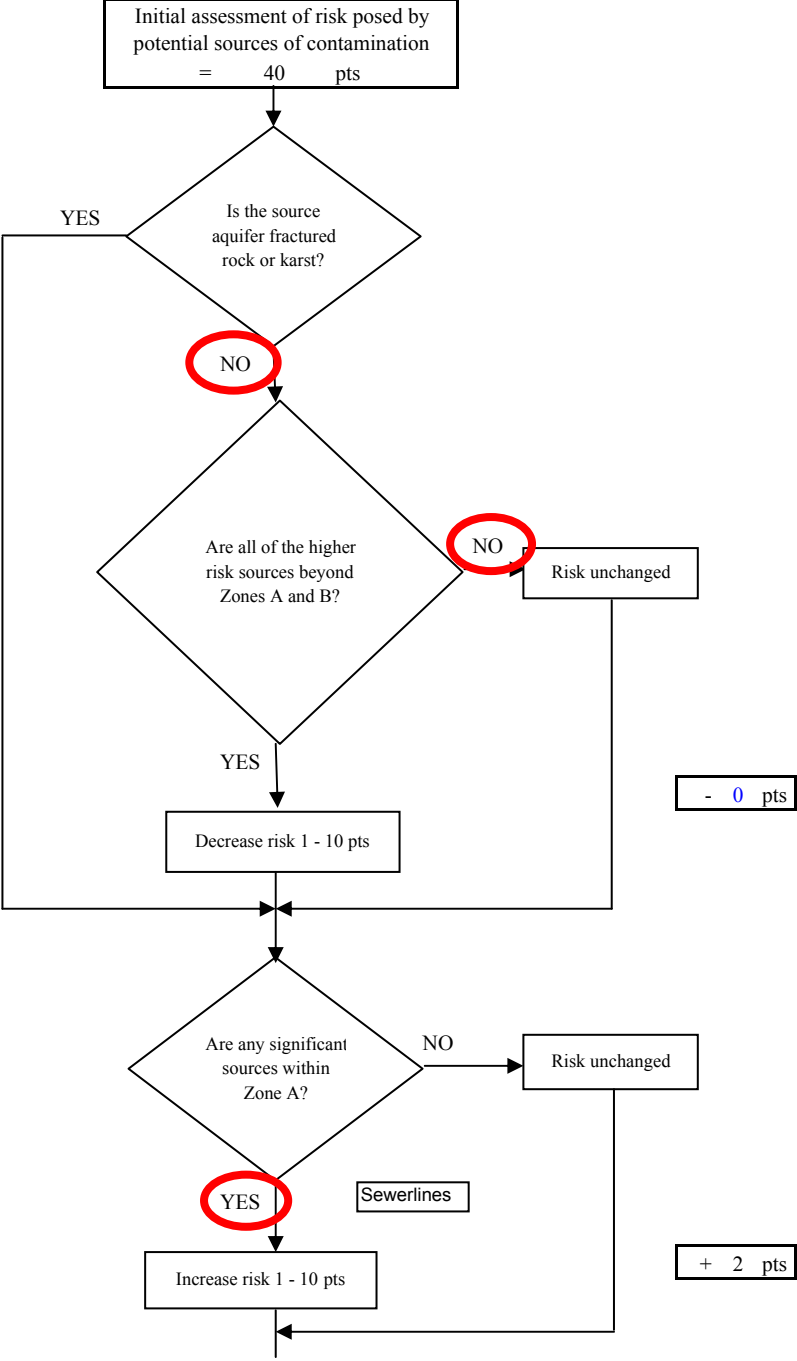
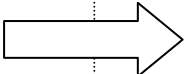
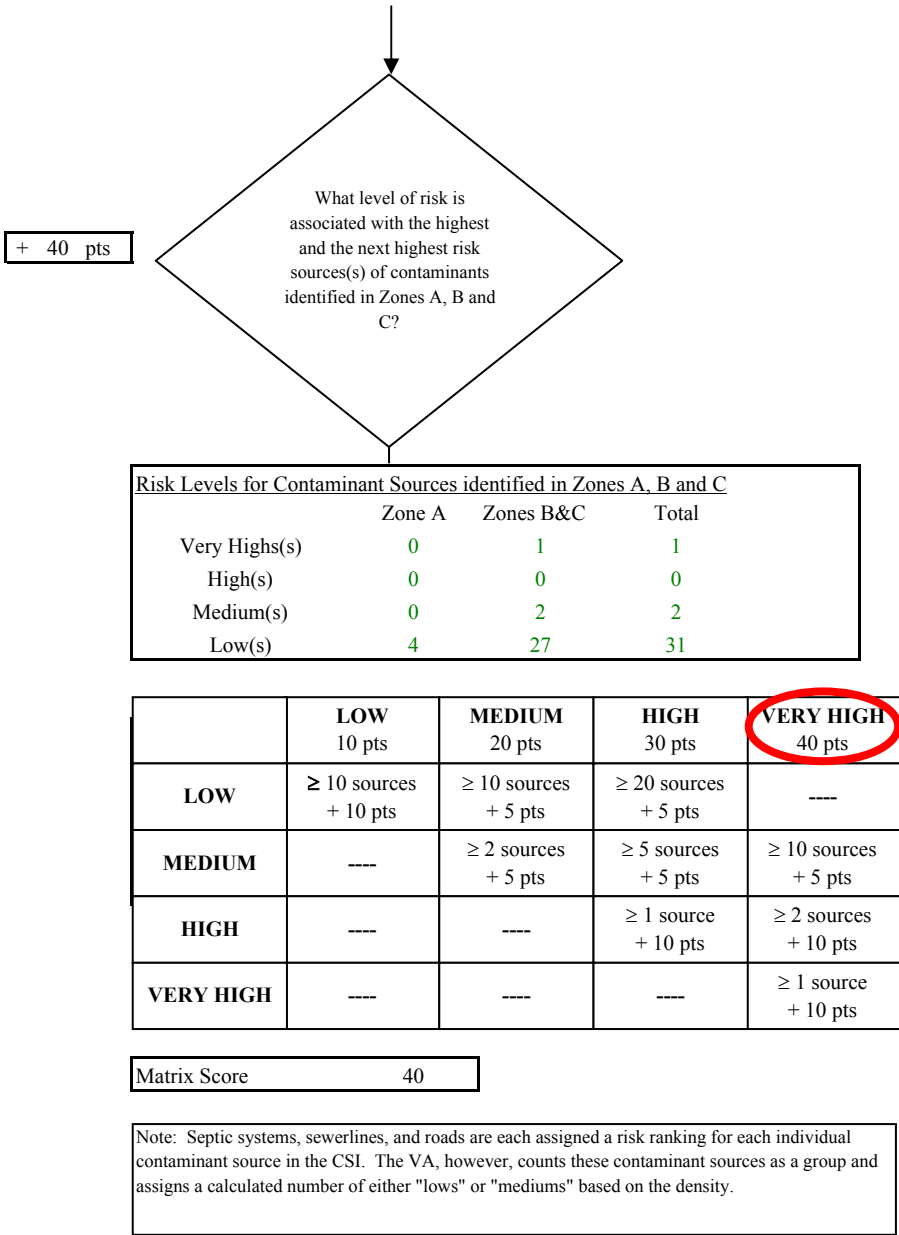


Chart 11. Contaminant risks for Romig Park Subdivision- Synthetic Organic Chemicals

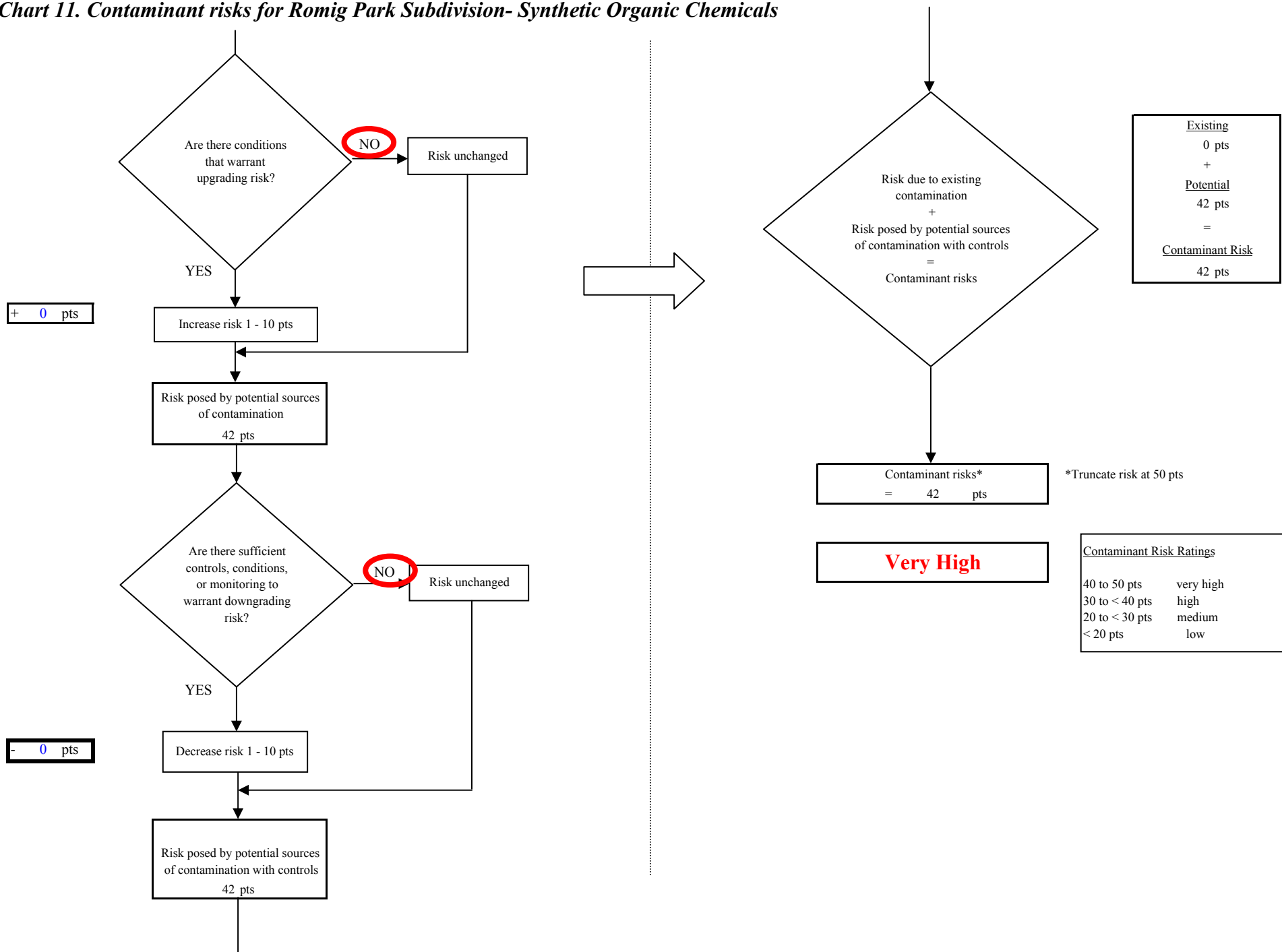


Chart 12. Vulnerability analysis for Romig Park Subdivision- Synthetic Organic Chemicals

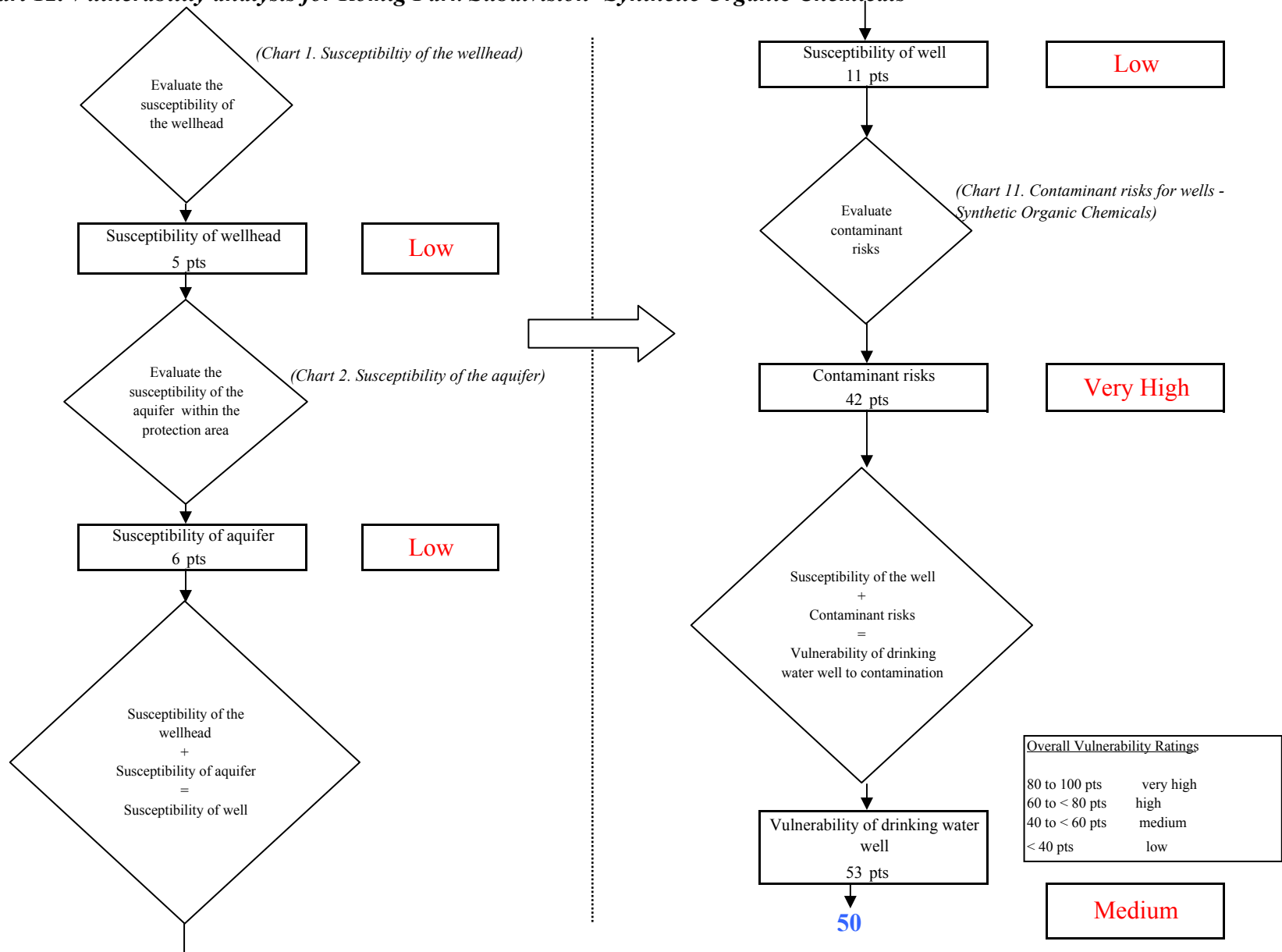


Chart 13. Contaminant risks for Romig Park Subdivision- Other Organic Chemicals

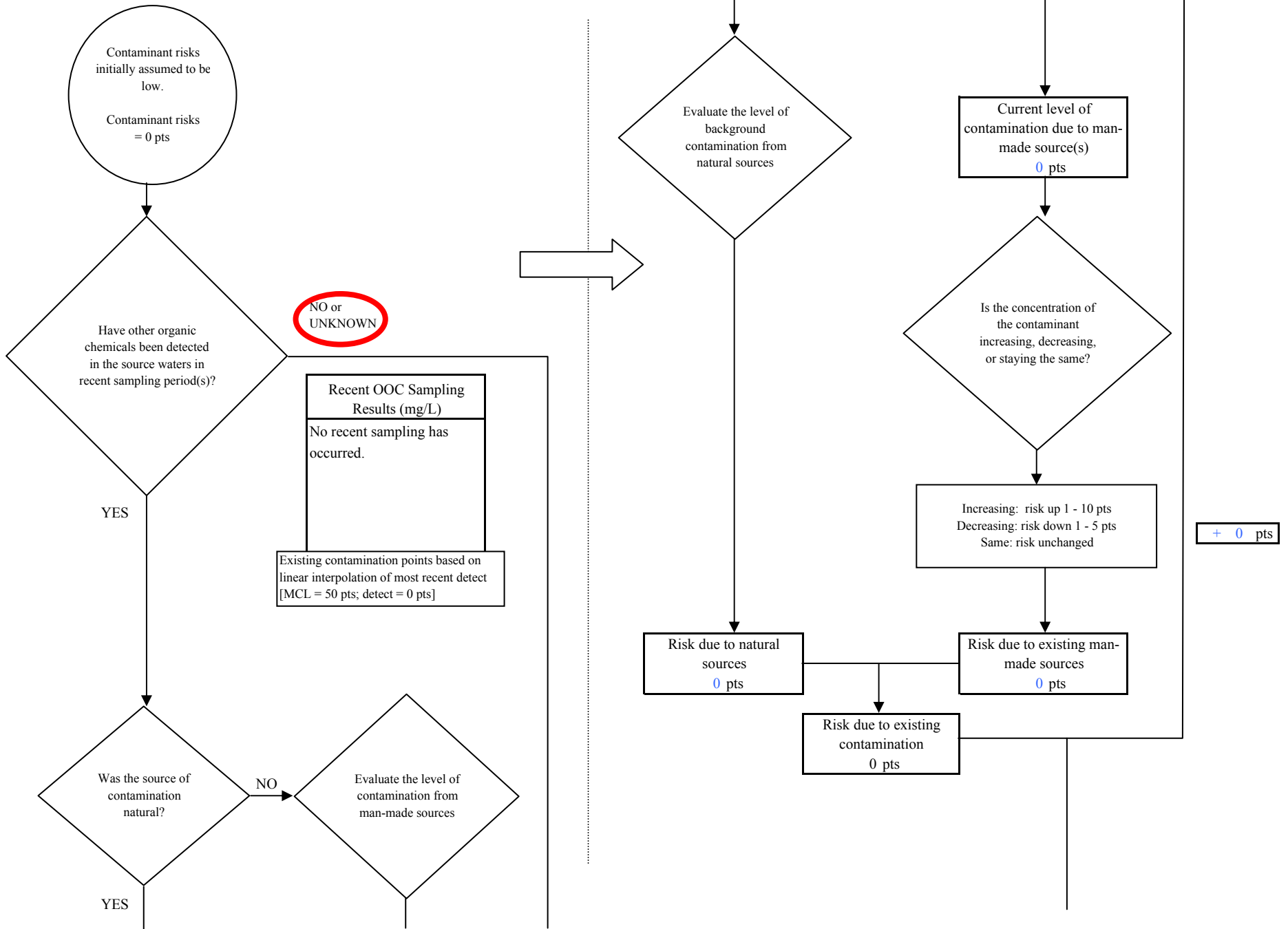


Chart 13. Contaminant risks for Romig Park Subdivision- Other Organic Chemicals

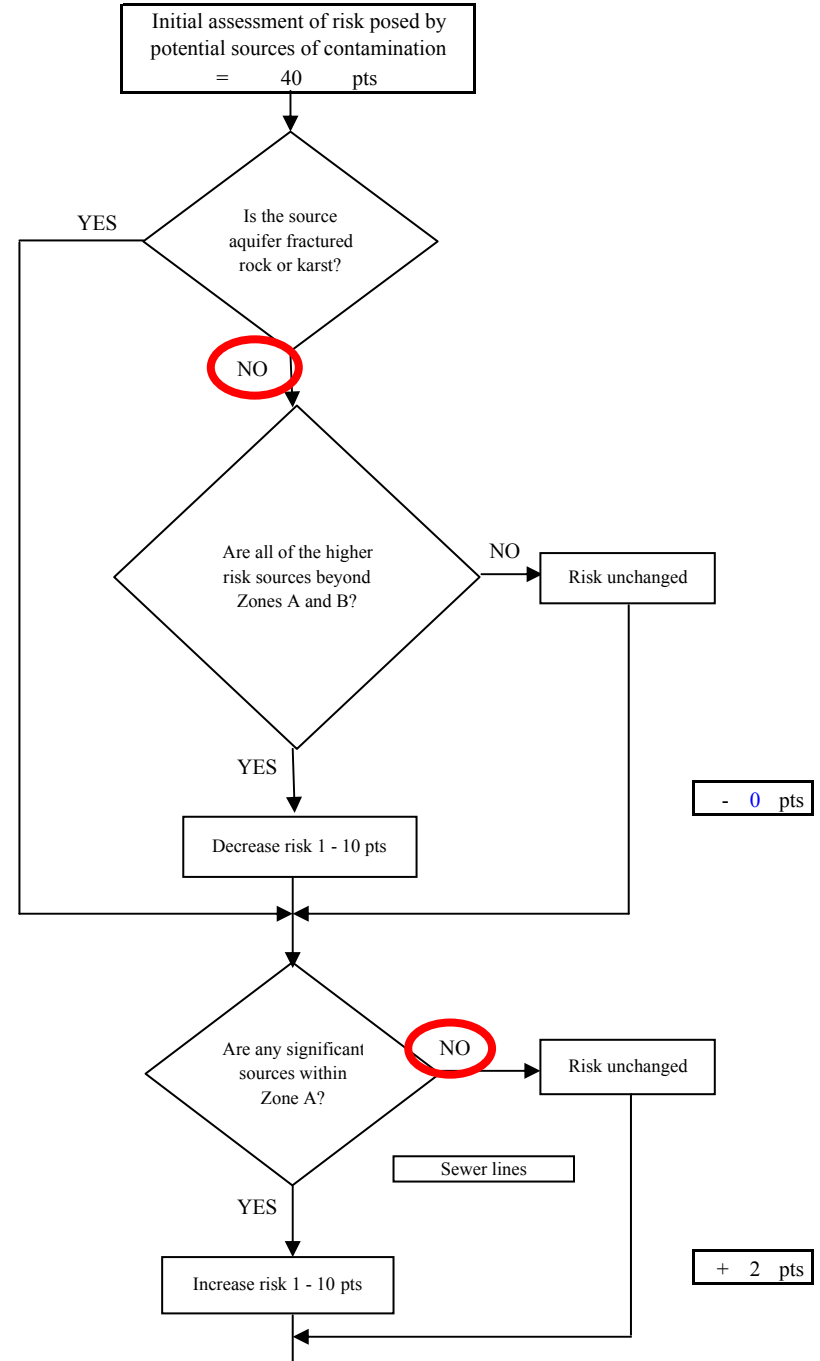
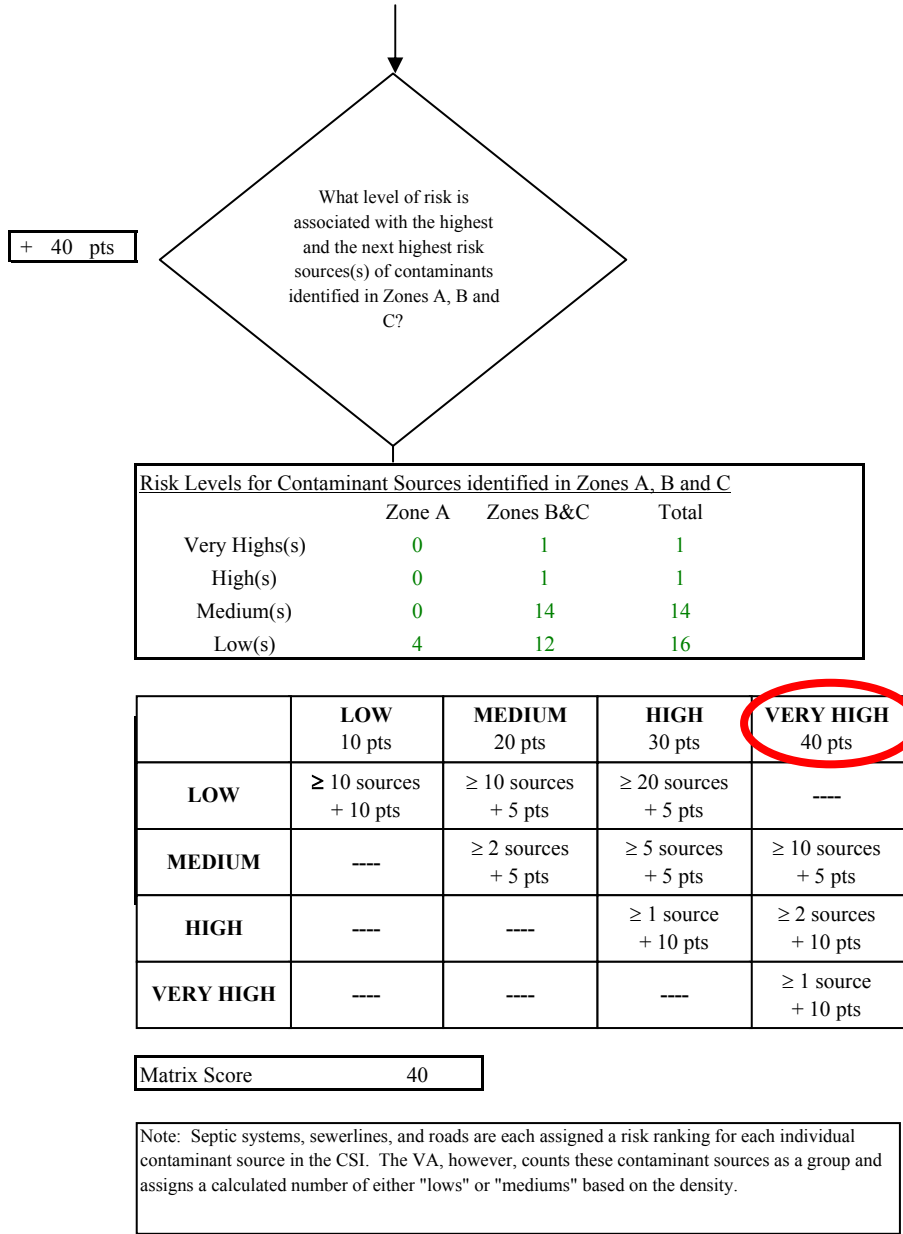


Chart 13. Contaminant risks for Romig Park Subdivision- Other Organic Chemicals

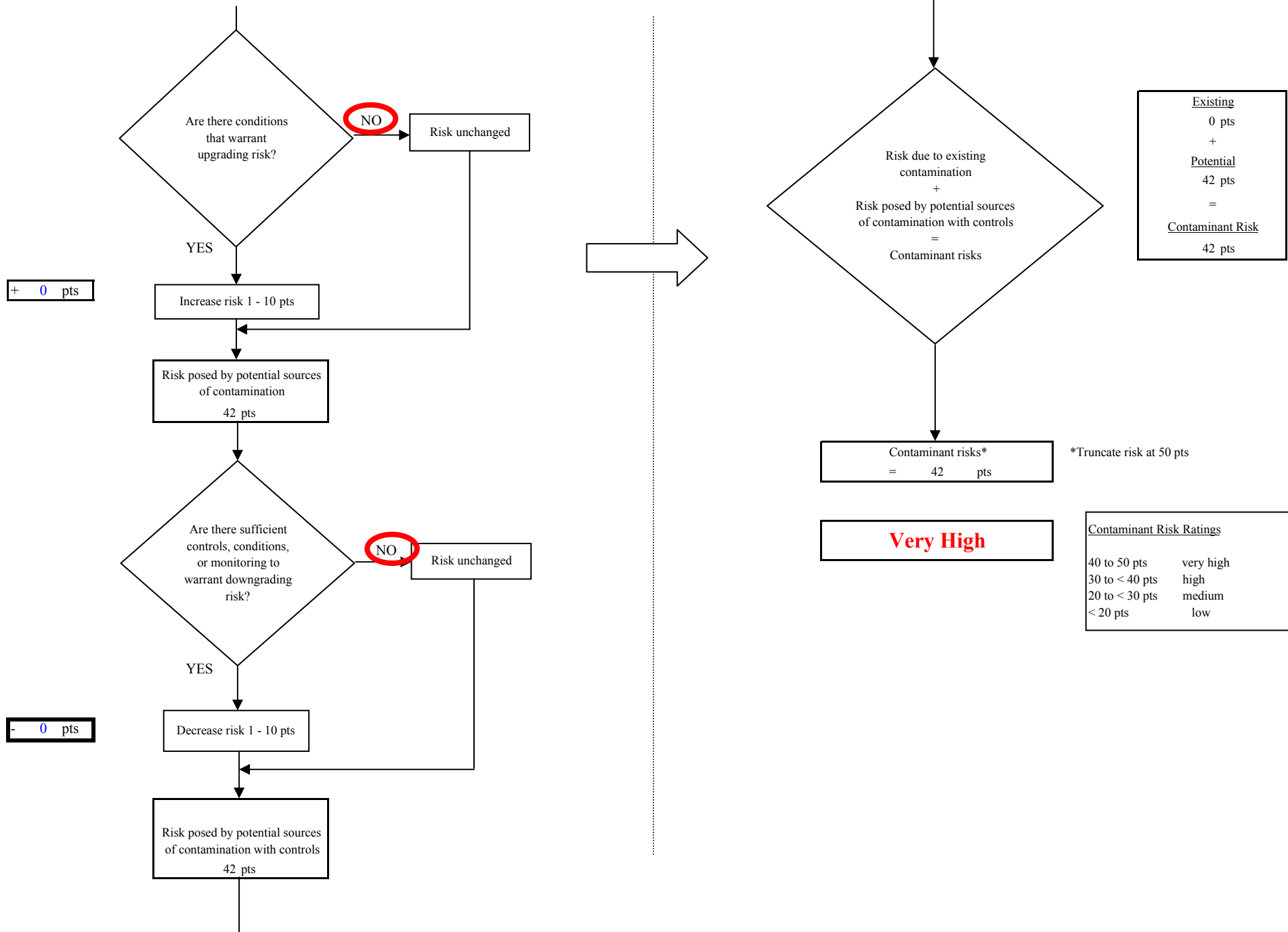


Chart 14. Vulnerability analysis for Romig Park Subdivision- Other Organic Chemicals

