Hydrogeologic Susceptibility and Vulnerability Assessment for A & W Windbreak Café, Wasilla, Alaska

DRINKING WATER PROTECTION PROGRAM REPORT 121

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By URS

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ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION: 2001

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By URS

Drinking Water Protection Program Alaska Department of Environmental Conservation

EXECUTIVE SUMMARY

The A & W Windbreak Café is a Class B (transient/noncommunity) drinking water source consisting of one well. Identified potential and current sources of contaminants for the A & W Windbreak Café include: class V septic system injection wells, medical/veterinary facilities, domestic wastewater collection systems, dry cleaners, residential septic systems; highways and roads; and approximately 328 acres of residential area. These identified potential and existing sources of contamination are considered sources of bacteria and viruses, nitrates and/or nitrites, volatile organic chemicals. Overall, the A & W Windbreak Café public water source received a vulnerability rating of High for bacteria and viruses, High for nitrates and/or nitrites, and High for volatile organic chemicals.

INTRODUCTION

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

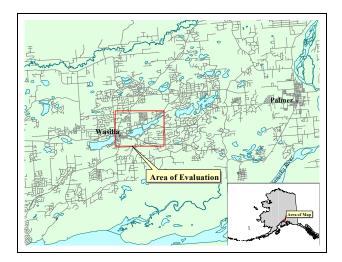
DESCRIPTION OF THE WASILLA-AREA, ALASKA

Location

Wasilla is located near the center of the Matanuska Susitna (Mat-Su) Borough in south central Alaska. The

Mat-Su Borough encompasses approximately 23,000 square miles, including the majority of the drainage of the Susitna and Matanuska Rivers. Wasilla is located south of the Talkeetna Mountains, about 12 miles north of Knik Arm on Cook Inlet (*Wickersham Alaska Corporation, 1986*), (*Matanuska-Susitna Borough/Fran Seager, 1991*). Wasilla is 30 air miles north/northeast of Anchorage, adjacent to the Alaska Railroad main line and the George Parks Highway (*ADNR, 1981*).

Figure 1



Glacial forces during the end of the last ice age shaped the Wasilla area. Several glacial advances and retreats left a complex system of hills, ridges, lakes, and lowlands that define the topography of today. Landforms in and around Wasilla consist of undulating ridges of glacial till and flat benches of sand and gravel out wash (Matanuska-Susitna Borough, 1985).

Climate

The climate in Wasilla is transitional between the extremes of Interior Alaska and the wet conditions found along the coastal areas.

Wasilla is less than 15 miles from Knik Arm and about 75 miles from Prince William Sound. Summer temperatures are more moderate than those in the Interior due to the proximity to the coast. The Chugach and

Talkeetna Mountains and the Alaska Range also protect Wasilla from the frigid cold of the Interior Alaska winter and act to break up strong storm fronts (*Brabets*, 1997), (Western Regional Climate Center, 2000).

Wasilla averages about 18 inches of precipitation per year, including about 59 inches of snowfall. Winter thaws can decrease snow cover to a few inches. Mean monthly high temperatures in Wasilla range from about 22 degrees in December and January to 69 degrees in July. The frost-free period in spring and summer averages 115 days, with the first frost usually arriving by September 1.

The record low for Wasilla was -50 degrees in January 1947. The highest recorded temperature was 90 degrees in 1969 (*Wickersham Alaska Corporation*, 1986).

Topography and Drainage

The Wasilla area topography varies from about 300 feet to 500 feet above sea level. The surrounding terrain gradually rises from south to north. The Wasilla area has hundreds of small lakes, several large lakes, and two substantial streams. At 387 acres, *Wasilla Lake* is one of the largest lakes in Southcentral Alaska (*Renshaw Consulting Engineers*, 1983).

The Cottonwood Creek drainage system, of which Wasilla Lake is part, begins northeast of Wasilla and discharges into Knik Arm about 15 miles to the south.

Cottonwood Creek is a popular salmon fishing stream (outside city limits), and has an average rate of flow of about 16 cubic feet per second near the outfall from Wasilla Lake.

At 362 acres, *Lake Lucille* is slightly smaller than Wasilla Lake. However, although within close proximity, they are part of two separate drainages and have significantly different characteristics. Lake Lucille is shallow with an average depth of five and a half feet. Its primary water source is springs in the lake bed. No significant creek leads into it and Lucille Creek is a low flow stream that drains it into Big Lake. Water circulation and flushing action through the lake is slow.

Although the quality can vary significantly in a short distance, groundwater supplies are abundant in the area. The Wasilla area has a central water system, and several subdivisions have private water systems. Many homes and businesses in the area, however, rely on individual wells for their water supply. Most of these wells are shallow with depths of less than 100 feet. Static water levels in many of these wells is around 30 feet below the surface. The coarse gravel underlying the Wasilla area

provides a large aquifer even in the winter when infiltration is low (*Trainer*, 1953).

Geology and Soils

A lake covered the Susitna River valley lowland during glacial times. The deposition of glacial silts and clays played an important part in the make up of the soils of the area.

Most of the soils in the area provide good sources of sand, gravel and topsoil. The deposition of silt, clay and organic muck in old lakes and depressions means that some areas have soil conditions that vary over relatively short distances. The U.S. Soil Conservation Service has mapped seven soil associations in and around Wasilla.

The Homestead and Knik soil types predominate the Wasilla area, with smaller areas of Coal Creek, Jacobsen, Salamatof, and Slikok soil types.

The *Homestead* series is common in the Wasilla area especially north of the Parks Highway from the west end of Lake Lucille. Homestead soils are shallow, well-drained silty soils over loose sand and gravel. They have formed on broad out wash plains and gravel moraines and run from nearly flat terrain to steep areas.

Homestead series is prevalent along Church Road north of the Parks Highway and throughout the Mission Hills subdivision.

The *Knik* series is the other major soil type in the area. It includes most of the downtown area, north and south of Lake Lucille and Wasilla Lake.

Knik soils are shallow, well-drained and silty, overlaying coarse, gravelly material, although scattered areas of poorly drained soils are also included. The soils are extensive over a broad range of slopes from flat to steep escarpments.

The *Coal Creek* series consists of dark-colored, poorly drained soils that formed in moderately deep silty material over compacted, fine-textured sediments. These soils occur in nearly level to gently sloping stream valleys, on the border of muskegs, and in small depressions. They are sometimes characterized by hillside seeps. This soil unit is found in small areas north and west of the downtown area.

The *Jacobsen* series is a very poorly drained, very stony silt loam found in broad depressions. The type is found west of Lake Lucille, south of the railroad, about even with Church Road.

The *Salamatof* and *Slikok* series are found within low areas and consist of poorly drained, peat, muck and silty sediments in shallow depressions throughout the eastern side of the city. High water tables, often at or just below the surface, are characteristic of these soils. The banks of Cottonwood Creek south of Wasilla Lake have the greatest concentrations of these soils.

Finally, the *Wasilla* series consists of somewhat poorly drained soils with layers of sand and compacted finer material. They do not have the high organic content of the Slikok series. These soils are not extensive in the local area and are most commonly found southeast of Lake Lucille along the Knik-Goose Bay Road (*Wickersham Alaska Corporation*, 1986).

A & W WINDBREAK CAFÉ PUBLIC WATER SOURCE

A & W Windbreak Café public water source is a Class B (transient/noncommunity) water source, which is operated by A & W Windbreak Café. The source consists of one well located in the northeast corner of the A & W Windbreak Café property and is at an elevation of approximately 370 feet above sea level. The well is located 100 feet north of George Parks Highway and 3,000 feet southeast of Wasilla Lake (see Map 1 in Appendix A). A well log outlining soil types for the A & W Windbreak Café was not available. This well was drilled in March of 1981 to a total depth of 161 feet below ground surface. The well is screened in the unconfined aquifer to 157 feet below land surface. Static water depth is unknown for this well. The well has been capped and grouted, and is not located in a floodplain. This water system operates year-round and serves approximately 25 non-residents through a single connection to the business.

ASSESSMENT AND PROTECTION AREA FOR A & W WINDBREAK CAFÉ DRINKING WATER SOURCE

The Drinking Water Protection and Assessment Area that has been established for A & W Windbreak Café is the area that is most sensitive to contamination. This area has served as a basis for assessing the risk of the drinking water source to contamination. This zone around the drinking water source is the most critical area for the preservation of the quality of the drinking water for this source. For simplicity, this area will be known as your Drinking Water Protection Area and will serve as the area of focus for voluntary protection efforts.

Conceptually, groundwater enters the unconfined aquifer by seepage for localized surface water sources and precipitation. The groundwater generally flows within the unconfined aquifer toward Cook Inlet.

An analytical calculation was used to calculate the size and shape of the area that contributes water to the well. The input parameters describing the attributes of the aquifer in this calculation were adopted from the U.S. Geological Survey (*Patrick, Brabets, and Glass, 1989*), and State of Alaska Department of Water Resources (*Jokela et al, 1991*). This analytical calculation was used as a guide as the first step in establishing the protection area for the A & W Windbreak Café. Additional methods were further employed to take into account any uncertainties in groundwater flow and aquifer characteristics to arrive at a meaningful and conservative protection area with respect to public health (Refer to the Guidance Manual for Class B Public Water Systems for additional information).

The Drinking Water Protection Areas established for wells by the Alaska Department of Environmental Conservation are separated into zones. These zones correspond to a time-of-travel. Time-of-travel is the time required for water to move in the saturated zone of the ground from a specific point to the well. The Drinking Water Protection Areas for the A & W Windbreak Café contain four zones; Zone A, Zone B, Zone C, and Zone D (see Map 1 in Appendix B).

Zone A corresponds to the area between the well and the distance equal to ¼ of the distance of the two-year time-of-travel. Depending on where a contaminant source is located within Zone A, travel time for a contaminant to the well may be on the order of several days to several hours.

The Zone B protection area for the A & W Windbreak Café corresponds to a time-of-travel of less than two years and extends northwest towards the southern shore of Wasilla Lake.

The Zone C protection area extends from Zone B northwest to the northern shore of Wasilla Lake and corresponds to a time-of-travel of less than five years.

The Zone D protection area, which corresponds to a timeof-travel less than ten years, extends from Zone C to the northwest.

INVENTORY OF POTENTIAL AND EXISTING CONTAMINANT SOURCES

The Drinking Water Protection Program has completed an inventory of potential and existing sources of contamination within the A & W Windbreak Drinking Water Protection Area. This survey was completed through a search of agency records and other publicly available information.

Potential sources of contamination to drinking water supplies cover a wide range of categories and types. Potential drinking water contaminants are found within agricultural, residential, commercial, and industrial areas, but can also occur within areas that have little or no development.

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

- Bacteria and viruses;
- Nitrates and/or nitrites; and
- Volatile organic chemicals.

Inventoried potential sources of contamination within Zone A through Zone D were associated with residential and light industrial type activities (see Table 1 in Appendix C). Below is a summary of the contaminant sources inventoried within the A & W Windbreak Café protection area:

- Class V injection wells (septic system);
- Residential septic systems;
- Bulk fuel storage;
- Medical/veterinary facilities;
- Domestic wastewater collection systems;
- Dry cleaners;
- Florists;
- Gasoline Stations;
- Hardware Stores;
- Motor vehicle dealerships, supply stores and repair shops;
- Underground storage tanks;
- Contaminated sites;
- Approximately 328 acres of residential area; and
- Activities associated with roads.

These potential contaminant sources present risks for all three categories of drinking water contaminants for the A & W Windbreak drinking water source.

RANKING OF CONTAMINANT RISKS

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

VULNERABILITY OF A & W WINDBREAK CAFÉ DRINKING WATER SOURCES

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

- Natural susceptibility; and
- Contaminant risks.

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

Natural Susceptibility (0 – 50 points)

+

Contaminant Risks (0 - 50 points)

=

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

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

Susceptibility of the Wellhead (0 - 25 Points)

+

Susceptibility of the Aquifer (0 - 25 Points)

=

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

The well for the A & W Windbreak Café was completed in an unconfined aquifer setting. Since this aquifer is recharged by surface water and precipitation that migrates downward from the surface, contaminants that are present at the surface have a potential for adversely impacting this aquifer. Combining the susceptibility of the wellhead and the aquifer to contamination leads to a score (0 – 50 points) and rating of Overall Susceptibility (See Appendix D). Table 1 shows the Overall Susceptibility score and rating for the A & W Windbreak Café.

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

	Score	Rating
Susceptibility of the		
Wellhead	0	Low
Susceptibility of the		
Aquifer	25	Very High

Contaminant risks to a drinking water source depend on the type, number or density, and distribution of contaminant sources. Class V injection wells for a large capacity septic system, storage and sale of petroleum hydrocarbons, contaminated sites, and dry cleaners contribute the highest risk for potential contamination to the A & W Windbreak Café source of public drinking water.

25

A score (0 - 50 points) and rating of Contaminant Risks (See Appendix D) is assigned based on the findings of the Contaminant Source Inventory (Appendix C - Table 1 - Table 4). This portion of the analysis examines any existing or historical contamination that has been detected at the drinking water source through routine sampling. It also reviews contamination that has or may have occurred, but has not arrived or been detected at the well. Table 2 summarizes the Contaminant Risks for each category of drinking water contaminants.

Table 2. Contaminant Risks

Contaminant Risks	Score	Rating
Bacteria and Viruses	50	Very High
Nitrates and/or Nitrites	50	Very High
Volatile Organic Chemicals	50	Very High

Appendix D contains eight 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 8 contain the Contaminant Risks and Vulnerability Analyses for nitrates and nitrites and volatile organic chemicals, respectively.

Vulnerability of the drinking water source to contamination is the combination of susceptibility of the aquifer and the well with contaminant risks. Table 3 contains the overall vulnerability scores (0 - 10) and ratings for each of the three categories of drinking water

contaminants (See Appendix D). Note: scores are rounded off to the nearest five.

Table 3. Overall Vulnerability of A & W Windbreak Café Public Drinking Water Source to Contamination by Category

Category	Score	Rating
Bacteria and Viruses	75	High
Nitrates and Nitrites	75	High
Volatile Organic Chemicals	75	High

Tables 2 through 4 in Appendix C contain the ranking of potential and existing sources of contamination with respect to bacteria and viruses, nitrates and/or nitrites, and volatile organic chemicals.

The class V septic system injection wells in Zone A are the driving factor in determining contaminant risks for bacteria and viruses, and nitrates and nitrites; and dry cleaners in Zone A are the driving factor in determining contaminant risks for volatile organic chemicals (see "Overall Rank after Analysis" in Table 2 – 4 of Appendix C).

Overall, contaminant risks for bacteria and viruses are very high with Class V septic system injection wells driving the score. Combining this potential bacteria and viruses risk with the susceptibility of the well yields an overall vulnerability to contamination of high for this source of public drinking water.

Overall, contaminant risks for nitrates and/or nitrites are very high with Class V septic system injection wells driving the score. Combining this potential nitrates and/or nitrites risk with the susceptibility of the well yields an overall vulnerability to contamination of high for this source of public drinking water.

Overall, contaminant risks for volatile organic chemicals are very high with dry cleaners, gasoline stations, bulk fuel storage, and contaminated sites driving the score. Combining this potential volatile organic chemicals contamination risk with the susceptibility of the well yields an overall vulnerability to contamination of high for this source of public drinking water.

SUMMARY

A Source Water Assessment has been completed for the A & W Windbreak Café source of public drinking water. The overall vulnerability of this source to contamination is High for bacteria and viruses, High for nitrates and/or nitrites, and High for volatile organic 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 the Anchorage Water & Wastewater Utility 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 the public drinking water source.

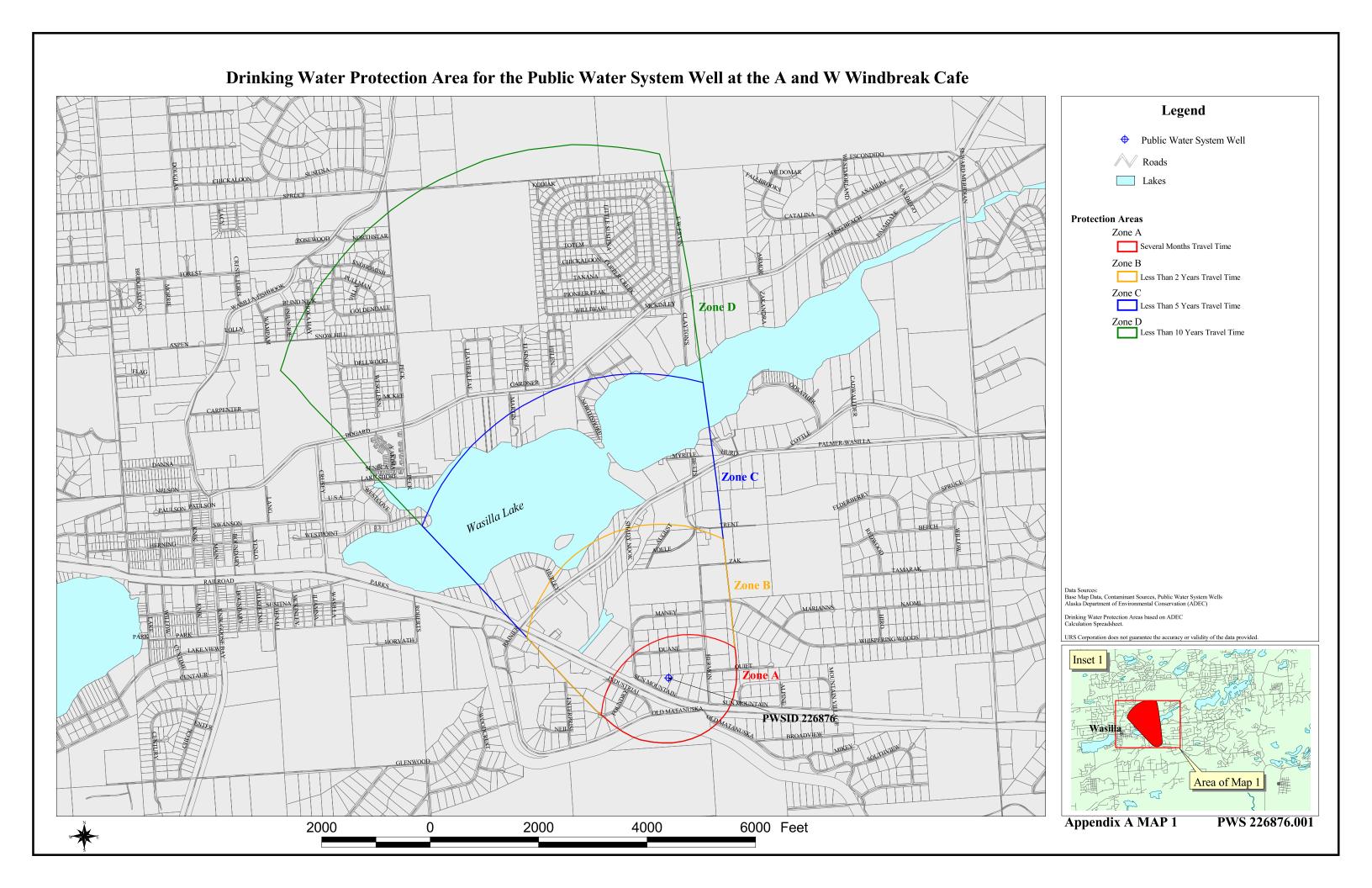
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APPENDIX A

A & W Windbreak Café

Drinking Water Protection Area



APPENDIX B

A & W Windbreak Café Drinking Water Protection Area Showing Sources of Contamination

Drinking Water Protection Area for the Public Water System Well at the A and W Windbreak Cafe **Showing Potential and Existing Sources of Contamination** Legend Public Water System Well Roads R1-3 D10-08 Sewer Lines R2-32 R2-41 Lakes R2-34 Zone C **Protection Areas** R2-31 Zone A PALMER-WASILLA Several Months Travel Time R2-30 R2-37 Zone B R2-36 Less Than 2 Years Travel Time R2-27 Zone C Less Than 5 Years Travel Time X20-13 Zone D Less Than 10 Years Travel Time C31-04 C9-01 **Contaminant Sources** R2-23 Florists (C12) C27-01 Gasoline stations (with repair shop) (C16) R2-15 BEECH Gasoline stations (without repair shop) (C15) Appliance repair shops (C3) R2-20 Dry cleaners (C10) Construction trade areas and materials (C9) R2-06 X11-01 X20-14 R2-16 X20-12 ZAKCar washes with engine or undercarriage cleaning (C8) Motor / motor vehicle repair shops (C31) TAMARAK R2-05 Motor vehicle dealerships (C27) R2-08 X20-21 T12-05 Motor/motor vehicle supplies stores (C28) Zone B T12-04 Petroleum product bulk station/terminals (X11) C31-02 T12-06 R1-2 X20-10 Medical/veterinary facilities (X40) C8-01 C31-03 D42-02 Pharmacies (with on-site wastewater disposal) (C35) R2-04 MARIANNS Swimming pools (public) (X44) ROBERTS Tanks, diesel (underground) (T8) R2-03 D1-06 Tanks, gasoline (underground) (T12) • Injection wells (Class V) Septic System (Drainfield) (D10) R2-02 FINANCIAL X20-02 D10-02 R2-01 • Injection wells (Class V) Industrial Process Water & Water Disposal Wells (D40) • Injection wells (Class V) Motor Vehicle Waste Disposal Well (D42) VATH D10-01 Septic systems (R2) Sewer Lines (D1) Highways and Roads (X20) MOUNTAINE SUN MOUNTAINE Residential Areas (R1) **Lone** A T12-03 T12-07 Inset 1 U4-03 U4-05 C28-02 X20-08 C16-01 X20-07 D42-01 T8-02 PWSID 226876 D1-03 X20-06 BROADVIEW T12-02 T8-01 Area of Map 1 U4-01 U4-02 **Appendix B MAP 1** PWS 226876.001 4000 6000 Feet 2000 0 2000

Drinking Water Protection Area for the Public Water System Well at the A and W Windbreak Cafe **Showing Potential and Existing Sources of Contamination** Legend Public Water System Well Roads JNG WOLF ✓ Sewer Lines Lakes **Protection Areas** Zone A SULATNA VER FOX Several Months Travel Time Zone B C8-02 Less Than 2 Years Travel Time Zone C CHICKALOON Less Than 5 Years Travel Time Zone D Less Than 10 Years Travel Time **Contaminant Sources** Florists (C12) Gasoline stations (with repair shop) (C16) Gasoline stations (without repair shop) (C15) ROSEWCOD D10-81 Appliance repair shops (C3) Dry cleaners (C10) D10-78 Construction trade areas and materials (C9) Zone D FOREST CREST Car washes with engine or undercarriage cleaning (C8) Motor / motor vehicle repair shops (C31) D10-68 Motor vehicle dealerships (C27) Motor/motor vehicle supplies stores (C28) Petroleum product bulk station/terminals (X11) Medical/veterinary facilities (X40) Pharmacies (with on-site wastewater disposal) (C35) D10-104 Swimming pools (public) (X44) D10-85 D10-63 D10-98 Tanks, diesel (underground) (T8) D10-62 Tanks, gasoline (underground) (T12) D10-100 LOLLY • Injection wells (Class V) Septic System (Drainfield) (D10) D10-91 • Injection wells (Class V) Industrial Process Water & Water Disposal Wells (D40) D10-90 D10-103 • Injection wells (Class V) Motor Vehicle Waste Disposal Well (D42) D10-42 D10-99 Septic systems (R2) D10-33 D10-94 Sewer Lines (D1) D10-92 Highways and Roads (X20) D10-102 D10-31 D10-97 Residential Areas (R1) D10-105 D10-21 D10-87 OARDNER -D10-17 D10-95 Inset 1 D10-93 D10-12 D10-89 R1-3 D10-09 CARPENTER Zone C D10-16 D10-23 D10-11 Area of Map 2 0710-25 RUSE D10-18 **Appendix B MAP 2** PWS 226876.001 6000 Feet 2000 0 2000 4000

APPENDIX C

A & W Windbreak Café Contaminant Source Inventory Tables

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Мар	Comments
Dry cleaners	C10	C10-01	Α	OLD MATANUSKA RD	1	
Florists	C12	C12-01	A	OLD MATANUSKA RD	1	
Gasoline stations (without repair shop)	C15	C15-01	Α	SUN MOUNTAIN AVE	1	
Gasoline stations (without repair shop)	C15	C15-01	Α	PARKS HWY	1	
Gasoline stations (with repair shop)	C16	C16-01	Α	INDUSTRIAL DR	1	
Hardware stores	C17	C17-01	Α	PARKS HWY	1	
Motor/motor vehicle supplies stores	C28	C28-01	Α	OLD MATANUSKA RD	1	
Motor/motor vehicle supplies stores	C28	C28-02	Α	INDUSTRIAL DR	1	
Motor /motor vehicle repair shops	C31	C31-01	Α	INDUSTRIAL DR	1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-01	Α		1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-02	A		1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-03	Α		1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-04	A		1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-05	Α		1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-01	Α	QUIET CIR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-02	A	HERMON RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				OV D MARTINIANA DD		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D40-01	A	OLD MATANUSKA RD	1	
Disposal Method)	D10	D42-01	Α	INDUSTRIAL DR	1	
Residential Areas	R1	R1-01	A	INDUSTRIAL DR	1	Total Acreage 58
Septic systems (serves one single-family home)	R2	R1-01 R2-01	A	HERMON RD	1	Total Acreage 38
Septic systems (serves one single-family home)	R2	R2-01	A	HERMON RD	1	
Tanks, gasoline (underground)	T12	T12-01	A	PARKS HWY	1	
Tanks, gasoline (underground) Tanks, gasoline (underground)	T12	T12-01	A	PARKS HWY	1	
Tanks, gasoline (underground)	T12	T12-02	A	INDUSTRIAL DR	1	
Tanks, gasoline (underground) Tanks, gasoline (underground)	T12	T12-03	A	SUN MOUNTAIN AVE	1	
Tanks, diesel (underground)	T8	T8-01	A	PARKS HWY	1	
Tanks, diesel (underground)	T8	T8-01	A	INDUSTRIAL DR	1	
Tanks, diesel (underground) Tanks, diesel (underground)	T8	T8-02	A	SUN MOUNTAIN AVE	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U4	U4-01	A	PARKS HWY	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U4	U4-01	A	PARKS HWY	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U4	U4-02 U4-03	A	INDUSTRIAL DR	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U4	U4-03	A	INDUSTRIAL DR	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U4	U4-04 U4-05	A	INDUSTRIAL DR INDUSTRIAL DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-01	A	E DUANE DR	1	
Highways and roads, paved (cement or asphalt) Highways and roads, paved (cement or asphalt)				S MANEY DR		
riighways and roads, paved (cement or aspnait)	X20	X20-02	A	S MANET DK	1	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Мар	Comments
Highways and roads, paved (cement or asphalt)	X20	X20-03	Α	E SUN MOUNTAIN AVE	1	
Highways and roads, paved (cement or asphalt)	X20	X20-04	A	S HERMON RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-05	A	E PARKS HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-06	A	E OLD MATANUSKA RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-07	Α	E INDUSTRIAL DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-08	Α	E FOUNDRY WAY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-09	A	E QUIET CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	E WHISPERING WOODS DR	1	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing	****	*****		OV D MARTINE REPORT OF THE PROPERTY OF THE PRO		
homes) Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing	X40	X40-01	A	OLD MATANUSKA RD	1	
homes)	X40	X40-02		OLD MATANUSKA RD	1	
Motor vehicle dealerships - cars, trucks, motor cycles, ATV's, snow	Λ40	A40-02	A	OLD MATANOSKA KD	1	
machines, boats (with service department)	C27	C27-01	В	PALMER-WASILLA HWY	1	
Appliance repair shops	C3	C3-01	В	MANEY DR	1	
Motor /motor vehicle repair shops	C31	C31-02	В	MANEY DR	1	
Motor /motor vehicle repair shops	C31	C31-03	В	MANEY DR	1	
Motor /motor vehicle repair shops	C31	C31-04	В	PALMER-WASILLA HWY	1	
Car washes with engine or undercarriage cleaning	C8	C8-01	В	PALMER-WASILLA HWY	1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-06	В		1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	21	21 00			-	
Disposal Method)	D10	D10-03	В	PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-04	В	PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D42-02	В	MANEY DR	1	
Residential Areas	R1	R1-02	В		1	Total Acreage 158
Septic systems (serves one single-family home)	R2	R2-03	В	HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-04	В	HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-05	В	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-06	В	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-08	В	AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-09	В	AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-10	В	SHADY NOOK CIR	1	
Septic systems (serves one single-family home)	R2	R2-11	В	AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-12	В	TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-13	В	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-15	В	AUGUST CIR	1	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Map	Comments
Septic systems (serves one single-family home)	R2	R2-16	В	TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-17	В	ADELE CIR	1	
Septic systems (serves one single-family home)	R2	R2-18	В	AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-19	В	SHADY NOOK CIR	1	
Septic systems (serves one single-family home)	R2	R2-20	В	TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-21	В	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-23	В	TRENT CIR	1	
Tanks, gasoline (underground)	T12	T12-04	В	PALMER-WASILLA HWY	1	
Tanks, gasoline (underground)	T12	T12-05	В	PALMER-WASILLA HWY	1	
Tanks, gasoline (underground)	T12	T12-06	В	PALMER-WASILLA HWY	1	
Tanks, diesel (underground)	T8	T8-04	В	PALMER-WASILLA HWY	1	
Petroleum product bulk station/terminals	X11	X11-01	В	PALMER-WASILLA HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	S AUGUST CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	S ADELE CIR	1	
ringinways and roads, paved (content of aspirate)	AZU	A20-12	ь	STIDLEE CIK	1	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	E PALMER-WASILLA HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-14	В	S SHADY NOOK CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	E HURLEY CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	E ZAK CR	1	
Construction trade areas and materials	C9	C9-01	C	TRENT CIR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	0,	0, 01			-	
Disposal Method)	D10	D10-05	C	PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-06	C	PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-07	С	BOGARD RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-08	C	BOGARD RD	1	
Residential Areas	R1	R1-03	C		1	Total Acreage 112
Septic systems (serves one single-family home)	R2	R2-07	С	HURLEY CIR	1	
Septic systems (serves one single-family home)	R2	R2-14	C	ISLAND IN WASILLA LAKE	1	
Septic systems (serves one single-family home)	R2	R2-22	C	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-24	C	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-25	C	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-26	С	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-27	C	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-28	C	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-29	C	MYRTLE AVE	1	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Мар	Comments
Septic systems (serves one single-family home)	R2	R2-30	С	MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-31	С	MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-32	С	MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-33	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-34	С	HURD CIR	1	
Septic systems (serves one single-family home)	R2	R2-35	C	MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-36	C	MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-37	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-38	C	MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-39	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-40	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-41	С	HURD CIR	1	
Septic systems (serves one single-family home)	R2	R2-42	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-43	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-44	C	MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-45	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-46	C	MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-47	C	MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-48	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-49	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-50	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-51	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-52	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-53	C	NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-54	C	NORTHSHORE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-16	C	N BETTS ST	1	
Highways and roads, paved (cement or asphalt)	X20	X20-17	C	E MYRTLE AVE	1	
Highways and roads, paved (cement or asphalt)	X20	X20-18	C	N NORTHSHORE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-19	C	N MARTIN CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-20	C	N TRENT CIR	1	
Printers, publishers, copiers	C37	C37-01	D	BOGARD RD	2	
Car washes with engine or undercarriage cleaning	C8	C8-02	D	CHICKALOON RD	2	
Construction trade areas and materials	C9	C9-02	D	TANANA DR	2	
Construction trade areas and materials	C9	C9-03	D	TANANA DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-09	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	D10	D10-10	D	WESGLENN CIR	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-100	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-101	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-102	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-103	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-104	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-105	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-11	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-12	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-13	D	BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-14	D	BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-15	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-16	D	WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-17	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-18	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-19	D	HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_			
Disposal Method)	D10	D10-20	D	WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_			
Disposal Method)	D10	D10-21	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-22	D	LEATHERLEAF LP	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				PEX 1 110 OP OF		
Disposal Method)	D10	D10-23	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.24	_	DEL LIVIODE CE		
Disposal Method)	D10	D10-24	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.05		DEL LIVIODE CE		
Disposal Method)	D10	D10-25	D	DELLWOOD ST	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Map	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-26	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-27	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-28	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-29	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-30	D	BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-31	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-32	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-33	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-34	D	HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-35	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-36	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-37	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-38	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-39	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-40	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_			
Disposal Method)	D10	D10-41	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_			
Disposal Method)	D10	D10-42	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.46	_	PEL 1 11/2 0 P 0 T		
Disposal Method)	D10	D10-43	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.44	_	DELI WOOD GT		
Disposal Method)	D10	D10-44	D	DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.45	_	DELL WOOD OF		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-45	D	DELLWOOD ST	2	
	D10	D10.46	_	ELCINODE AVE		
Disposal Method)	D10	D10-46	D	ELSINORE AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Map	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-47	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-48	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-49	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-50	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-51	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-52	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-53	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-54	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-55	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-56	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-57	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-58	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-59	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_			
Disposal Method)	D10	D10-60	D	SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_	*****		
Disposal Method)	D10	D10-61	D	HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7.10	D10 50	_	EL CRIODE ALE		
Disposal Method)	D10	D10-62	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.63	_	ELGINODE AVE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-63	D	ELSINORE AVE	2	
	D10	D10.64	_	ELGINODE AVE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-64	D	ELSINORE AVE	2	
	D10	D10.65		ELCINODE AVE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-65	D	ELSINORE AVE	2	
Disposal Method)	D10	D10-66	D	CNOWILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-00	ע	SNOWHILL AVE		
Disposal Method)	D10	D10-67	D	HOKA HAY CIR	2	
Disposar Metriod)	D10	D10-6/	ע	HUKA HAT CIK	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Map	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-68	D	MCKINLEY DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-69	D	BLIND NICK DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-70	D	BLIND NICK DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-71	D	INDIAN HILL CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-72	D	INDIAN HILL CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-73	D	SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-74	D	SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-75	D	SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-76	D	SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-77	D	SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-78	D	CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-79	D	SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-80	D	SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-81	D	CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-82	D	CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_			
Disposal Method)	D10	D10-83	D	NORTHSTAR CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_			
Disposal Method)	D10	D10-84	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-85	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.05		EL CRIODE AVE		
Disposal Method)	D10	D10-86	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.05		EV CRYODE AVE		
Disposal Method)	D10	D10-87	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.00		EL CRIODE AVE		
Disposal Method)	D10	D10-88	D	ELSINORE AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Location	Map	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-89	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-90	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-91	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-92	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-93	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-94	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-95	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-96	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-97	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						
Disposal Method)	D10	D10-98	D	ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				<u> </u>		
Disposal Method)	D10	D10-99	D	ELSINORE AVE	2	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U4	U4-06	D	BOGARD RD	2	<u> </u>

Contaminant Source Category	Contaminant	CS ID Tag	Zone	Risk Ranking		Location	Мар	Comments
Dry cleaners	Source ID C10	C10-01	Α	for Analysis	after Analysis	OLD MATANUSKA RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	CIU	C10-01	А	Low	10	OLD MATANOSKA KD	1	
Disposal Method)	D10	D10-01	Α	High	1	OUIET CIR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	Dio	D10 01		111811	-	Quilli ent	1	
Disposal Method)	D10	D10-02	Α	High	2	HERMON RD	1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-01	Α	Medium	5		1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-02	Α	Medium	6		1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-03	Α	Medium	7		1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-04	A	Medium	8		1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-05	Α	Medium	9		1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	21	21 00						
Disposal Method)	D10	D40-01	Α	High	3	OLD MATANUSKA RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D42-01	Α	High	4	INDUSTRIAL DR	1	
Residential Areas	R1	R1-01	Α	Low			1	
Septic systems (serves one single-family home)	R2	R2-01	A	Low		HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-02	A	Low		HERMON RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-01	Α	Low		E DUANE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-02	Α	Low		S MANEY DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-03	Α	Low		E SUN MOUNTAIN AVE	1	
Highways and roads, paved (cement or asphalt)	X20	X20-04	Α	Low		S HERMON RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-05	Α	Low		E PARKS HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-06	Α	Low		E OLD MATANUSKA RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-07	Α	Low		E INDUSTRIAL DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-08	Α	Low		E FOUNDRY WAY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-09	Α	Low		E QUIET CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	Low		E WHISPERING WOODS DR	1	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing								
homes)	X40	X40-01	A	Medium		OLD MATANUSKA RD	1	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing homes)	X40	X40-02	Α	Medium		OLD MATANUSKA RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	A40	A40-02	А	Mediuiii		OLD MATANOSKA KD	1	
Disposal Method)	D10	D10-03	В	High		PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-03	ь	Ingn		TALMER WASHERATIVI	1	
Disposal Method)	D10	D10-04	В	High		PALMER-WASILLA HWY	1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-06	В	Medium			1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D42-02	В	High		MANEY DR	1	
Residential Areas	R1	R1-02	В	Low			1	
Septic systems (serves one single-family home)	R2	R2-03	В	Very Low		HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-04	В	Very Low		HERMON RD	1	

Contominant Saures Catagory	Contaminant Source ID	CC ID Tag	7.000	Risk Ranking	Overall Rank	Location	Мар	Comments
Contaminant Source Category	Source ID	CS ID Tag	Zone	for Analysis	after Analysis	Location	wap	Comments
Septic systems (serves one single-family home)	R2	R2-05	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-06	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-08	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-09	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-10	В	Very Low		SHADY NOOK CIR	1	
Septic systems (serves one single-family home)	R2	R2-11	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-12	В	Very Low		TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-13	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-15	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-16	В	Very Low		TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-17	В	Very Low		ADELE CIR	1	
Septic systems (serves one single-family home)	R2	R2-18	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-19	В	Very Low		SHADY NOOK CIR	1	
Septic systems (serves one single-family home)	R2	R2-20	В	Very Low		TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-21	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-23	В	Very Low		TRENT CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	Very Low		S AUGUST CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	Very Low		S ADELE CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	Very Low		E PALMER-WASILLA HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-14	В	Very Low		S SHADY NOOK CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	Very Low		E HURLEY CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	Very Low		E ZAK CR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	D10	D10-05	С	High		PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	DIO	D10-03	C	Підіі		FALMER-WASILLA HW I	1	
Disposal Method)	D10	D10-06	C	High		PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				- 6		1		
Disposal Method)	D10	D10-07	C	High		BOGARD RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-08	C	High		BOGARD RD	1	
Residential Areas	R1	R1-03	C	Low			1	
Septic systems (serves one single-family home)	R2	R2-07	C	Very Low		HURLEY CIR	1	
Septic systems (serves one single-family home)	R2	R2-14	С	Very Low		ISLAND IN WASILLA LAKE	1	
Septic systems (serves one single-family home)	R2	R2-22	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-24	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-25	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-26	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-27	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-27	C	Very Low		PALMER-WASILLA HWY	1	

Contaminant Source Category	Contaminant	CS ID Tag	Zono	Risk Ranking	Overall Rank	Location	Мар	Comments
Contaminant Source Category	Source ID	CS ID Tag	Zone	for Analysis	after Analysis	Location	IVIAP	Comments
Septic systems (serves one single-family home)	R2	R2-29	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-30	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-31	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-32	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-33	C	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-34	C	Very Low		HURD CIR	1	
Septic systems (serves one single-family home)	R2	R2-35	C	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-36	C	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-37	C	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-38	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-39	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-40	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-41	С	Very Low		HURD CIR	1	
Septic systems (serves one single-family home)	R2	R2-42	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-43	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-44	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-45	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-46	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-47	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-48	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-49	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-50	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-51	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-52	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-53	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-54	С	Very Low		NORTHSHORE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-16	С	Very Low		N BETTS ST	1	
Highways and roads, paved (cement or asphalt)	X20	X20-17	C	Very Low		E MYRTLE AVE	1	
Highways and roads, paved (cement or asphalt)	X20	X20-18	С	Very Low		N NORTHSHORE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-19	C	Very Low		N MARTIN CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-20	С	Very Low		N TRENT CIR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-09	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-10	D	High		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 100	D	Uiah		ELSINORE AVE	2	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-100	ע	High		ELSHVUKE AVE	2	
Disposal Method)	D10	D10-101	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	<i>D</i> 10	D10-101	ט	111511		ELDITORE ITTE		
Disposal Method)	D10	D10-102	D	High		ELSINORE AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking		Location	Мар	Comments
	Source ID	CD ID Tag	Zone	for Analysis	after Analysis	Location	Map	- Commonto
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7.10		_				_	
Disposal Method)	D10	D10-103	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7.10		_	*** 1		EL GDYODE AVE	_	
Disposal Method)	D10	D10-104	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 105	-	XX: 1		EL GINIODE A VE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-105	D	High		ELSINORE AVE	2	
Disposal Method)	D10	D10 11	ъ	TT: -1.		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-11	D	High		DELLWOOD ST	2	
Disposal Method)	D10	D10 12	ъ	High		DELL WOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-12	D	High		DELLWOOD ST	2	
Disposal Method)	D10	D10-13	D	High		BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-13	Ъ	High		BOGARD RD		
Disposal Method)	D10	D10-14	D	High		BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-14	Ъ	High		BOGARD RD		
Disposal Method)	D10	D10-15	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-13	Ъ	Tilgii		DELEW OOD 31		
Disposal Method)	D10	D10-16	D	High		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-10	ь	mgn		WESSEETTVERK		
Disposal Method)	D10	D10-17	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	210	210 17		8				
Disposal Method)	D10	D10-18	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-19	D	High		HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-20	D	High		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-21	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-22	D	High		LEATHERLEAF LP	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-23	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-24	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-25	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-26	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D.10	D10.25	-	TT: 1		DELL WOOD CE		
Disposal Method)	D10	D10-27	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7.10		_	*** 1		DEL L WOOD CE		
Disposal Method)	D10	D10-28	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.20	_	TT: -1.		EL CINIODE A VE	_	
Disposal Method)	D10	D10-29	D	High		ELSINORE AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking		Location	Мар	Comments
J .	Source ID	CS ID Tag	Zonc	for Analysis	after Analysis	Location	wap	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				_	
Disposal Method)	D10	D10-30	D	High		BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				_	
Disposal Method)	D10	D10-31	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				_	
Disposal Method)	D10	D10-32	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.00	-	TT: 1		EL GINODE AVE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-33	D	High		ELSINORE AVE	2	
	D10	D10.24	ъ	TT: -1.		HELENLIN	2	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-34	D	High		HELEN LN	2	
Disposal Method)	D10	D10-35	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-33	ע	підіі		ELSINORE AVE	2	
Disposal Method)	D10	D10-36	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-30	Ъ	High		DELEWOOD 31		
Disposal Method)	D10	D10-37	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-37	Ъ	Tilgii		DELEW OOD 31		
Disposal Method)	D10	D10-38	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-30	ь	mgn		DELETI COD ST		
Disposal Method)	D10	D10-39	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	210	210 27		8				
Disposal Method)	D10	D10-40	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-41	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-42	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-43	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-44	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-45	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-46	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-47	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-48	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	F-10	D10 10	-	TT: 1		CNOWITH LAYE		
Disposal Method)	D10	D10-49	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_	*** 1				
Disposal Method)	D10	D10-50	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.51	_	TT: -1.		CNOWHHILANE	_	
Disposal Method)	D10	D10-51	D	High		SNOWHILL AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking		Location	Мар	Comments
° °	Source ID	CD ID Tag	Zone	for Analysis	after Analysis	Location	Mup	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				_	
Disposal Method)	D10	D10-52	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				_	
Disposal Method)	D10	D10-53	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				_	
Disposal Method)	D10	D10-54	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.55	-	TT: 1		EL GINODE AVE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-55	D	High		ELSINORE AVE	2	
			_	*** 1			_	
Disposal Method)	D10	D10-56	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	D10	D10.57	ъ	TT: -1.		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-57	D	High		ELSINORE AVE	2	
	D10	D10.50	ъ	TT: -1.		ELSINORE AVE	2	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-58	D	High		ELSINORE AVE	2	
Disposal Method)	D10	D10.50	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-59	ע	підіі		ELSINORE AVE	2	
Disposal Method)	D10	D10-60	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-00	ע	підіі		SNOWHILLAVE		
Disposal Method)	D10	D10-61	D	High		HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-01	Ъ	Tilgii		HELEN EN		
Disposal Method)	D10	D10-62	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-02	Ъ	Tilgii		ELSH TORE AT E		
Disposal Method)	D10	D10-63	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 05		111811		EEST (GRETT) E		
Disposal Method)	D10	D10-64	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	210	210 0.		8				
Disposal Method)	D10	D10-65	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-66	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-67	D	High		HOKA HAY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	Ï							
Disposal Method)	D10	D10-68	D	High		MCKINLEY DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-69	D	High		BLIND NICK DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-70	D	High		BLIND NICK DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-71	D	High		INDIAN HILL CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-72	D	High		INDIAN HILL CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-73	D	High		SNOHOMISH AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking	Overall Rank	Location	Мар	Comments
8 1	Source ID	CD ID Tag	Zone	for Analysis	after Analysis	Location	Map	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield	77.40		_					
Disposal Method)	D10	D10-74	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				_	
Disposal Method)	D10	D10-75	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	77.40		_	*** 1		anono dan me		
Disposal Method)	D10	D10-76	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.77	ъ	TT: - L		CNOTIONICH VAE	2	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-77	D	High		SNOHOMISH AVE	2	
Disposal Method)	D10	D10.70	D	High		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-78	Ъ	High		CHATTAROT CIR	2	
Disposal Method)	D10	D10-79	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-79	Ъ	High		SNOHOMISHAVE		
Disposal Method)	D10	D10-80	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-80	Ъ	Tilgii		SITOTIONISH AVE		
Disposal Method)	D10	D10-81	D	High		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 01		111511		CIMITIMOT CIR		
Disposal Method)	D10	D10-82	D	High		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 02		111811			-	
Disposal Method)	D10	D10-83	D	High		NORTHSTAR CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				8				
Disposal Method)	D10	D10-84	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-85	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-86	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-87	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-88	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-89	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-90	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-91	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	T- 10	D10.00	_	TT: 1		EL CINIODE AND		
Disposal Method)	D10	D10-92	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 02	_	TT: -1-		ELGINODE AVE	_	
Disposal Method)	D10	D10-93	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 04	_	TT: -1-		ELGINODE AVE	_	
Disposal Method)	D10	D10-94	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.05	_ n	III ala		ELCINODE AVE	_	
Disposal Method)	D10	D10-95	D	High		ELSINORE AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-96	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-97	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-98	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-99	D	High		ELSINORE AVE	2	

Contaminant Source Category	Contaminant	CS ID Tag	Zone	Risk Ranking		Location	Мар	Comments
Contaminant Source Category	Source ID	CS ID Tag	Lone	for Analysis	after Analysis		map	Comments
Dry cleaners	C10	C10-01	A	Low		OLD MATANUSKA RD	1	
Florists	C12	C12-01	Α	Low		OLD MATANUSKA RD	1	
Hardware stores	C17	C17-01	Α	Low		PARKS HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-01	A	High	1	QUIET CIR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-02	A	High	2	HERMON RD	1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-01	Α	Medium			1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-02	A	Medium			1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-03	A	Medium			1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-04	Α	Medium			1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-05	Α	Medium			1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D40-01	A	High	3	OLD MATANUSKA RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D42-01	A	High	4	INDUSTRIAL DR	1	
Residential Areas	R1	R1-01	A	Low			1	
Septic systems (serves one single-family home)	R2	R2-01	A	Low		HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-02	Α	Low		HERMON RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-01	A	Low		E DUANE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-02	Α	Low		S MANEY DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-03	Α	Low		E SUN MOUNTAIN AVE	1	
Highways and roads, paved (cement or asphalt)	X20	X20-04	A	Low		S HERMON RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-05	Α	Low		E PARKS HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-06	Α	Low		E OLD MATANUSKA RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-07	A	Low		E INDUSTRIAL DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-08	Α	Low		E FOUNDRY WAY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-09	Α	Low		E QUIET CIR	1	
<u> </u>						~		
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	Low		E WHISPERING WOODS DR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-03	В	High	5	PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-04	В	High	6	PALMER-WASILLA HWY	1	
Domestic wastewater collection systems (sewer lines or lift stations)	D1	D1-06	В	Medium			1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_	*** 1	_]	MANERADO		
Disposal Method)	D10	D42-02	В	High	7	MANEY DR	1	
Residential Areas	R1	R1-02	В	Low			1	
Septic systems (serves one single-family home)	R2	R2-03	В	Very Low		HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-04	В	Very Low		HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-05	В	Very Low		PALMER-WASILLA HWY	1	

Contaminant Source Category	Contaminant	CS ID Tag	Zone		Overall Rank	Location	Мар	Comments
Contaminant Source Category	Source ID	CS ID Tug		•	after Analysis		шар	
Septic systems (serves one single-family home)	R2	R2-06	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-08	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-09	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-10	В	Very Low		SHADY NOOK CIR	1	
Septic systems (serves one single-family home)	R2	R2-11	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-12	В	Very Low		TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-13	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-15	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-16	В	Very Low		TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-17	В	Very Low		ADELE CIR	1	
Septic systems (serves one single-family home)	R2	R2-18	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-19	В	Very Low		SHADY NOOK CIR	1	
Septic systems (serves one single-family home)	R2	R2-20	В	Very Low		TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-21	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-23	В	Very Low		TRENT CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	Very Low		S AUGUST CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	Very Low		S ADELE CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	Very Low		E PALMER-WASILLA HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-13 X20-14	В	Very Low		S SHADY NOOK CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-14 X20-15	В	Very Low		E HURLEY CIR	1	
Highways and roads, paved (cement or asphalt)	X20 X20	X20-13 X20-21	В	Very Low		E ZAK CR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	A20	A20-21	ь	very Low		L ZAK CK	1	
Disposal Method)	D10	D10-05	С	High	8	PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 03		111811	Ü	THE VIEW WITH THE TENT OF THE	1	
Disposal Method)	D10	D10-06	С	High	9	PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-07	C	High	10	BOGARD RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-08	C	High		BOGARD RD	1	
Residential Areas	R1	R1-03	C	Low			1	
Septic systems (serves one single-family home)	R2	R2-07	С	Very Low		HURLEY CIR	1	
Septic systems (serves one single-family home)	R2	R2-14	С	Very Low		ISLAND IN WASILLA LAKE	1	
Septic systems (serves one single-family home)	R2	R2-22	С	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-24	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-25	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-26	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-27	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-28	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-29	C	Very Low		MYRTLE AVE	1	

Contaminant Source Category	Contaminant	CS ID Tag	Zone	U	Overall Rank	Location	Мар	Comments
Continuo contra que cinale familio hama)	Source ID R2	R2-30	С	for Analysis Very Low	after Analysis	MYRTLE AVE	1	
Septic systems (serves one single-family home) Septic systems (serves one single-family home)	R2	R2-30 R2-31	C	Very Low		MYRTLE AVE	1	
		.		-			1	
Septic systems (serves one single-family home)	R2	R2-32	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-33	C	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-34	C	Very Low		HURD CIR	1	
Septic systems (serves one single-family home)	R2	R2-35	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-36	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-37	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-38	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-39	C	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-40	C	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-41	С	Very Low		HURD CIR	1	
Septic systems (serves one single-family home)	R2	R2-42	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-43	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-44	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-45	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-46	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-47	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-48	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-49	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-50	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-51	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-52	C	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-53	C	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-54	C	Very Low		NORTHSHORE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-16	C	Very Low		N BETTS ST	1	
Highways and roads, paved (cement or asphalt)	X20	X20-17	C	Very Low		E MYRTLE AVE	1	
Highways and roads, paved (cement or asphalt)	X20	X20-18	C	Very Low		N NORTHSHORE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-19	C	Very Low		N MARTIN CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-20	C	Very Low		N TRENT CIR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7,20	A20-20		, cry Low		1. IRENI CIR	1	
Disposal Method)	D10	D10-09	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-10	D	High		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-100	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						<u> </u>		
Disposal Method)	D10	D10-101	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	1 .							
Disposal Method)	D10	D10-102	D	High		ELSINORE AVE	2	

Contaminant Source Category	Contaminant	CS ID Tag	Zone	Risk Ranking		Location	Мар	Comments
	Source ID	CS ID Tag	Zonc	for Analysis	after Analysis	Location	wap	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-103	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 104	-	11: 1.		ELCINODE AVE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-104	D	High		ELSINORE AVE	2	
Disposal Method)	D10	D10-105	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-103	D	Tilgii		ELSINORE AVE		
Disposal Method)	D10	D10-11	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	B10 11		111.511		DEED II GOD DT	۱Ť	
Disposal Method)	D10	D10-12	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield		-						
Disposal Method)	D10	D10-13	D	High		BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-14	D	High		BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-15	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-16	D	High		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7.10		_	*** 1		DELL HALOOD CE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-17	D	High		DELLWOOD ST	2	
Disposal Method)	D10	D10 10	Б	III ala		DELLWOOD ST		
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-18	D	High		DELLWOOD ST	2	
Disposal Method)	D10	D10-19	D	High		HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-19	D	Tilgii		HELEN EN		
Disposal Method)	D10	D10-20	D	High		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	210	210 20		8			+-	
Disposal Method)	D10	D10-21	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-22	D	High		LEATHERLEAF LP	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-23	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield]						
Disposal Method)	D10	D10-24	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	F-10	D16.22	-	TT: 1		DELL WOOD CT		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-25	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	D10	D10.26	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-26	ע	підіі		DELLWOOD \$1		
Disposal Method)	D10	D10-27	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	DIU	D10-27	D	111811		DELEW OOD 31		
Disposal Method)	D10	D10-28	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-20	ב				1 -	
Disposal Method)	D10	D10-29	D	High		ELSINORE AVE	2	

Contaminant Source Category	Contaminant	CS ID Tag	Zone		Overall Rank	Location	Мар	Comments
· ·	Source ID	00 ID 146	Zone	for Analysis	after Analysis			
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.00	_	TT: 1		DOCADD DD	2	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-30	D	High		BOGARD RD	2	
Disposal Method)	D10	D10-31	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-31	D	Tilgii		DEEL WOOD 31	2	
Disposal Method)	D10	D10-32	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 32		111811		EBBI (GILE II (E	-	
Disposal Method)	D10	D10-33	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-34	D	High		HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-35	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-36	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.07	_	TT: 1		DELL WOOD OF	2	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-37	D	High		DELLWOOD ST	2	
Disposal Method)	D10	D10-38	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-38	D	підіі		DELLWOOD 31	2	
Disposal Method)	D10	D10-39	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 37		111611		DEED WOOD ST	-	
Disposal Method)	D10	D10-40	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-41	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-42	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-43	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.44	_	TT: 1		DELL WOOD CE	2	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-44	D	High		DELLWOOD ST	2	
Disposal Method)	D10	D10-45	D	High		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-43	Ъ	High		DELEW GOD 31	2	
Disposal Method)	D10	D10-46	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	210	210 10	۱Ť			~	 - 	
Disposal Method)	D10	D10-47	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-48	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-49	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	_							
Disposal Method)	D10	D10-50	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.51	_	TT: 1		CNOWHHIL AND		
Disposal Method)	D10	D10-51	D	High		SNOWHILL AVE	2	

Contaminant Source Category	Contaminant	CS ID Tag	Zone	8	Overall Rank	Location	Мар	Comments
	Source ID	s		for Analysis	after Analysis			
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	D10	D10-52	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-52	ע	rigii		SNOWHILL AVE	2	
Disposal Method)	D10	D10-53	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10 33		111611		STO WINDS TIVE	-	
Disposal Method)	D10	D10-54	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				<u> </u>				
Disposal Method)	D10	D10-55	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-56	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				_	
Disposal Method)	D10	D10-57	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	D10	D10-58	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-38	D	підіі		ELSINORE AVE	2	
Disposal Method)	D10	D10-59	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	B10 37		111611		EBBI (GILE II (E	-	
Disposal Method)	D10	D10-60	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				<u> </u>				
Disposal Method)	D10	D10-61	D	High		HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-62	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7.10	7.40.40	_	*** 1		EL COVODE AVE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-63	D	High		ELSINORE AVE	2	
Disposal Method)	D10	D10-64	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-04	D	High		ELSINORE AVE	2	
Disposal Method)	D10	D10-65	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				8				
Disposal Method)	D10	D10-66	D	High		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-67	D	High		HOKA HAY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-68	D	High		MCKINLEY DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.50	_	III ala		DI IND NICK DD		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-69	D	High		BLIND NICK DR	2	
Disposal Method)	D10	D10-70	D	High		BLIND NICK DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-70	رر	111511		DELIE THEREIN	-	
Disposal Method)	D10	D10-71	D	High		INDIAN HILL CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	-			<u> </u>				
Disposal Method)	D10	D10-72	D	High		INDIAN HILL CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-73	D	High		SNOHOMISH AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield	Source ID			101 Anarysis	arter Anarysis			
Disposal Method)	D10	D10-74	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				·				
Disposal Method)	D10	D10-75	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-76	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7.40	7.10 ==	_	*** 1		and the first training		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-77	D	High		SNOHOMISH AVE	2	
Disposal Method)	D10	D10-78	D	High		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-78	D	nigii		CHATTAKOT CIK		
Disposal Method)	D10	D10-79	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	Div	D10 17	Ъ	111611		BI (OIIO)IIIBII I (E	1	
Disposal Method)	D10	D10-80	D	High		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-81	D	High		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-82	D	High		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-83	D	High		NORTHSTAR CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.04	-	TT: 1		EL CINIODE AND	2	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-84	D	High		ELSINORE AVE	2	
Disposal Method)	D10	D10-85	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-03	D	Tilgii		ELSINORE AVE	2	
Disposal Method)	D10	D10-86	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	210	210 00		8			1 -	
Disposal Method)	D10	D10-87	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-88	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield						·		
Disposal Method)	D10	D10-89	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.00	ъ	TT: -1.		ELGINIODE AVE		
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-90	D	High		ELSINORE AVE	2	
Disposal Method)	D10	D10-91	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	טוע	D10-91	υ	Tilgii		LEDINORE AVE		
Disposal Method)	D10	D10-92	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	210	21072					1 -	
Disposal Method)	D10	D10-93	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-94	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-95	D	High		ELSINORE AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-96	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-97	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-98	D	High		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-99	D	High		ELSINORE AVE	2	

Dry cleaners C10 Gasoline stations (without repair shop) C15 Gasoline stations (without repair shop) C15 Gasoline stations (without repair shop) C15 Gasoline stations (with repair shop) C16 Hardware stores C17 Motor/motor vehicle supplies stores C28 Motor/motor vehicle supplies stores C28 Motor /motor vehicle repair shops C31 Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) D10 Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) D10	5 5 6 7 8 8 8 1	C10-01 C15-01 C15-01 C15-01 C16-01 C17-01 C28-01 C28-02 C31-01 D10-01 D10-02 D1-01 D1-02	A A A A A A A A A A A A A A A A A A A	High High High Low Low Low Medium Low	after Analysis 1 2 3 4	OLD MATANUSKA RD SUN MOUNTAIN AVE PARKS HWY INDUSTRIAL DR PARKS HWY OLD MATANUSKA RD INDUSTRIAL DR INDUSTRIAL DR QUIET CIR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Gasoline stations (without repair shop) C15 Gasoline stations (without repair shop) C15 Gasoline stations (with repair shop) C16 Hardware stores C17 Motor/motor vehicle supplies stores C28 Motor/motor vehicle supplies stores C28 Motor /motor vehicle repair shops Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	5 5 6 7 8 8 8 1	C15-01 C15-01 C16-01 C17-01 C28-01 C28-02 C31-01 D10-01 D10-02 D1-01	A A A A A A A A A A A A	High High Low Low Low Medium Low	2 3	SUN MOUNTAIN AVE PARKS HWY INDUSTRIAL DR PARKS HWY OLD MATANUSKA RD INDUSTRIAL DR INDUSTRIAL DR QUIET CIR	1 1 1 1 1 1 1 1	
Gasoline stations (without repair shop) C15 Gasoline stations (with repair shop) C16 Hardware stores C17 Motor/motor vehicle supplies stores C28 Motor/motor vehicle supplies stores C28 Motor /motor vehicle repair shops C31 Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) D10 Injection wells (Class V) Large-Capacity Septic System (Drainfield	5 6 7 8 8 8 1 0	C15-01 C16-01 C17-01 C28-01 C28-02 C31-01 D10-01 D10-02 D1-01	A A A A A A A A A	High High Low Low Low Medium Low	3	PARKS HWY INDUSTRIAL DR PARKS HWY OLD MATANUSKA RD INDUSTRIAL DR INDUSTRIAL DR QUIET CIR	1 1 1 1 1 1 1	
Gasoline stations (with repair shop) C16 Hardware stores C17 Motor/motor vehicle supplies stores C28 Motor/motor vehicle supplies stores C28 Motor /motor vehicle repair shops C31 Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	6 7 8 8 8 1 0	C16-01 C17-01 C28-01 C28-02 C31-01 D10-01 D10-02 D1-01	A A A A A A	High Low Low Medium Low Low		INDUSTRIAL DR PARKS HWY OLD MATANUSKA RD INDUSTRIAL DR INDUSTRIAL DR QUIET CIR	1 1 1 1 1 1 1 1 1	
Hardware stores C17 Motor/motor vehicle supplies stores C28 Motor/motor vehicle supplies stores C28 Motor/motor vehicle supplies stores C28 Motor /motor vehicle repair shops C31 Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) D10 Injection wells (Class V) Large-Capacity Septic System (Drainfield	7 8 8 8 1 0	C17-01 C28-01 C28-02 C31-01 D10-01 D10-02 D1-01	A A A A A	Low Low Medium Low Low	4	PARKS HWY OLD MATANUSKA RD INDUSTRIAL DR INDUSTRIAL DR QUIET CIR	1 1 1 1	
Motor/motor vehicle supplies stores C28 Motor/motor vehicle supplies stores C28 Motor /motor vehicle repair shops C31 Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) D10 Injection wells (Class V) Large-Capacity Septic System (Drainfield D10	8 8 1 0 0	C28-01 C28-02 C31-01 D10-01 D10-02 D1-01	A A A A	Low Low Medium Low Low		OLD MATANUSKA RD INDUSTRIAL DR INDUSTRIAL DR QUIET CIR	1 1 1 1	
Motor/motor vehicle supplies stores Motor /motor vehicle repair shops Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	8 1 0 0	C28-02 C31-01 D10-01 D10-02 D1-01	A A A	Low Medium Low		INDUSTRIAL DR INDUSTRIAL DR QUIET CIR	1 1 1	
Motor /motor vehicle repair shops Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	0 0	C31-01 D10-01 D10-02 D1-01	A A A	Medium Low Low		INDUSTRIAL DR QUIET CIR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method) D10 Injection wells (Class V) Large-Capacity Septic System (Drainfield	0	D10-01 D10-02 D1-01	A A	Low		QUIET CIR	1	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	0	D10-02 D1-01	A	Low			1	
		D1-01	_			WEDLIONED		
			Α			HERMON RD	1	
Domestic wastewater collection systems (sewer lines or lift stations) D1		D1-02		Low	_		1	
Domestic wastewater collection systems (sewer lines or lift stations) D1			A	Low			1	
Domestic wastewater collection systems (sewer lines or lift stations) D1		D1-03	Α	Low			1	
Domestic wastewater collection systems (sewer lines or lift stations) D1		D1-04	Α	Low			1	
Domestic wastewater collection systems (sewer lines or lift stations) D1		D1-05	Α	Low			1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield							1	
Disposal Method) D10	0	D40-01	Α	Low		OLD MATANUSKA RD	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method) D10	0	D42-01	Α	Low		INDUSTRIAL DR	1	
Residential Areas R1		R1-01	Α	Low			1	
Septic systems (serves one single-family home) R2		R2-01	Α	Low		HERMON RD	1	
Septic systems (serves one single-family home) R2		R2-02	Α	Low		HERMON RD	1	
Tanks, gasoline (underground) T12	2	T12-01	Α	High	10	PARKS HWY	1	
Tanks, gasoline (underground) T12	2	T12-02	Α	High		PARKS HWY	1	
Tanks, gasoline (underground) T12	2	T12-03	A	High		INDUSTRIAL DR	1	
Tanks, gasoline (underground) T12	2	T12-07	Α	High		SUN MOUNTAIN AVE	1	
Tanks, diesel (underground) T8		T8-01	Α	High		PARKS HWY	1	
Tanks, diesel (underground) T8		T8-02	Α	High		INDUSTRIAL DR	1	
Tanks, diesel (underground) T8		T8-03	Α	High		SUN MOUNTAIN AVE	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA U4		U4-01	A	High	5	PARKS HWY	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA U4		U4-02	A	High	6	PARKS HWY	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA U4		U4-03	A	High	7	INDUSTRIAL DR	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA U4		U4-04	A	High	8	INDUSTRIAL DR	1	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA U4		U4-05	A	High	9	INDUSTRIAL DR	1	
Highways and roads, paved (cement or asphalt) X20		X20-01	A	Low		E DUANE DR	1	
Highways and roads, paved (cement or asphalt) X20 X20		X20-02	A	Low		S MANEY DR	1	
Highways and roads, paved (cement or asphalt) X20 X20		X20-03	A	Low		E SUN MOUNTAIN AVE	1	
Highways and roads, paved (cement or asphalt) X20 X20		X20-04	A	Low		S HERMON RD	1	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Highways and roads, paved (cement or asphalt)	X20	X20-05	A	Low		E PARKS HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-06	A	Low		E OLD MATANUSKA RD	1	
Highways and roads, paved (cement or asphalt)	X20	X20-07	A	Low		E INDUSTRIAL DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-08	A	Low		E FOUNDRY WAY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-09	A	Low		E QUIET CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-10	A	Low		E WHISPERING WOODS DR	1	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing								
homes)	X40	X40-01	A	Low		OLD MATANUSKA RD	1	
Medical/veterinary facilities (doctor or dentist offices, hospitals, nursing								
homes)	X40	X40-02	A	Low		OLD MATANUSKA RD	1	
Motor vehicle dealerships - cars, trucks, motor cycles, ATV's, snow		~~= ···	_					
machines, boats (with service department)	C27	C27-01	В	Medium		PALMER-WASILLA HWY	1	
Appliance repair shops	C3	C3-01	В	Low		MANEY DR	1	
Motor /motor vehicle repair shops	C31	C31-02	В	Medium		MANEY DR	1	
Motor /motor vehicle repair shops	C31	C31-03	В	Medium		MANEY DR	1	
Motor /motor vehicle repair shops	C31	C31-04	В	Medium		PALMER-WASILLA HWY	1	
Car washes with engine or undercarriage cleaning	C8	C8-01	В	High		PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-03	В	Low		PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	D10	D10-04	В	Low		PALMER-WASILLA HWY		
Domestic wastewater collection systems (sewer lines or lift stations)	D10	D10-04 D1-06	В	Low		FALMER-WASILLA HW I	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	DI	D1-00	Б	LOW			1	
Disposal Method)	D10	D42-02	В	Low		MANEY DR	1	
Residential Areas	R1	R1-02	В	Low			1	
Septic systems (serves one single-family home)	R2	R2-03	В	Very Low		HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-04	В	Very Low		HERMON RD	1	
Septic systems (serves one single-family home)	R2	R2-05	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-06	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-08	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-09	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-10	В	Very Low		SHADY NOOK CIR	1	
Septic systems (serves one single-family home)	R2	R2-11	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-12	В	Very Low		TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-13	В	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-15	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-16	В	Very Low		TRENT CIR	1	
Septic systems (serves one single-family home)	R2	R2-17	В	Very Low		ADELE CIR	1	
Septic systems (serves one single-family home)	R2	R2-18	В	Very Low		AUGUST CIR	1	
Septic systems (serves one single-family home)	R2	R2-19	В	Very Low		SHADY NOOK CIR	1	
Septic systems (serves one single-family home)	R2	R2-20	В	Very Low		TRENT CIR	1	
septic systems (serves one single-family nome)	IXZ	112-20	ט	very Low		TREAT CIR	1	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Septic systems (serves one single-family home)	R2	R2-21	В	Very Low	, , , ,	PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-23	В	Very Low		TRENT CIR	1	
Tanks, gasoline (underground)	T12	T12-04	В	High		PALMER-WASILLA HWY	1	
Tanks, gasoline (underground)	T12	T12-05	В	High		PALMER-WASILLA HWY	1	
Tanks, gasoline (underground)	T12	T12-06	В	High		PALMER-WASILLA HWY	1	
Tanks, diesel (underground)	T8	T8-04	В	High		PALMER-WASILLA HWY	1	
Petroleum product bulk station/terminals	X11	X11-01	В	Very High		PALMER-WASILLA HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-11	В	Very Low		S AUGUST CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-12	В	Very Low		S ADELE CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-13	В	Very Low		E PALMER-WASILLA HWY	1	
Highways and roads, paved (cement or asphalt)	X20	X20-14	В	Very Low		S SHADY NOOK CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-15	В	Very Low		E HURLEY CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-21	В	Very Low		E ZAK CR	1	
Construction trade areas and materials	C9	C9-01	С	Low		TRENT CIR	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-05	C	Low		PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-06	С	Low		PALMER-WASILLA HWY	1	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10.07	С	T		DOCARD DD	1	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-07	C	Low		BOGARD RD	1	
Disposal Method)	D10	D10-08	C	Low		BOGARD RD	1	
Residential Areas	R1	R1-03	C	Low		BOOTIND RD	1	
Septic systems (serves one single-family home)	R2	R2-07	C	Very Low		HURLEY CIR	1	
Septic systems (serves one single-family home)	R2	R2-14	C	Very Low		ISLAND IN WASILLA LAKE	1	
Septic systems (serves one single-family home)	R2	R2-22	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-24	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-25	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-26	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-27	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-28	C	Very Low		PALMER-WASILLA HWY	1	
Septic systems (serves one single-family home)	R2	R2-29	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-30	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-31	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-32	C	Very Low		MYRTLE AVE	1	
Septic systems (serves one single-family home)	R2	R2-33	C	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-34	C	Very Low		HURD CIR	1	
Septic systems (serves one single-family home)	R2	R2-35	C	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-36	C	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-37	C	Very Low		NORTHSHORE DR	1	

	Contaminant	CC ID T	7	Risk Ranking	Overall Rank	T	Man	0
Contaminant Source Category	Source ID	CS ID Tag	Zone	for Analysis	after Analysis	Location	Мар	Comments
Septic systems (serves one single-family home)	R2	R2-38	С	Very Low	ľ	MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-39	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-40	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-41	С	Very Low		HURD CIR	1	
Septic systems (serves one single-family home)	R2	R2-42	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-43	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-44	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-45	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-46	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-47	С	Very Low		MARTIN CIR	1	
Septic systems (serves one single-family home)	R2	R2-48	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-49	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-50	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-51	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-52	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-53	С	Very Low		NORTHSHORE DR	1	
Septic systems (serves one single-family home)	R2	R2-54	С	Very Low		NORTHSHORE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-16	С	Very Low		N BETTS ST	1	
Highways and roads, paved (cement or asphalt)	X20	X20-17	С	Very Low		E MYRTLE AVE	1	
Highways and roads, paved (cement or asphalt)	X20	X20-18	С	Very Low		N NORTHSHORE DR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-19	С	Very Low		N MARTIN CIR	1	
Highways and roads, paved (cement or asphalt)	X20	X20-20	С	Very Low		N TRENT CIR	1	
Printers, publishers, copiers	C37	C37-01	D	High		BOGARD RD	2	
Car washes with engine or undercarriage cleaning	C8	C8-02	D	High		CHICKALOON RD	2	
Construction trade areas and materials	C9	C9-02	D	Low		TANANA DR	2	
Construction trade areas and materials	C9	C9-03	D	Low		TANANA DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-09	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-10	D	Low		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield Disposal Method)	D10	D10 100	D	T		EL CINODE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-100	ע	Low		ELSINORE AVE	2	
Disposal Method)	D10	D10-101	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-101	ъ	LOW		ELGHTORE 111E		
Disposal Method)	D10	D10-102	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-103	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-104	D	Low		ELSINORE AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield	Source ID			101 / thatysis	arter marysis			
Disposal Method)	D10	D10-105	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-11	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-12	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-13	D	Low		BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-14	D	Low		BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-15	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-16	D	Low		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-17	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-18	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-19	D	Low		HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-20	D	Low		WESGLENN CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-21	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-22	D	Low		LEATHERLEAF LP	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-23	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-24	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-25	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-26	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-27	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-28	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-29	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-30	D	Low		BOGARD RD	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-31	D	Low		DELLWOOD ST	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield	Source ID			for Allalysis	after Analysis			
Disposal Method)	D10	D10-32	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-33	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-34	D	Low		HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	7.10	240.22		į.			_	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-35	D	Low		ELSINORE AVE	2	
Disposal Method)	D10	D10-36	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	DIO	D10-30	D	LOW		DELLWOODSI	2	
Disposal Method)	D10	D10-37	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-38	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-39	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				_			_	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-40	D	Low		DELLWOOD ST	2	
Disposal Method)	D10	D10-41	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	DIO	D10-41	D	LOW		DELLWOODSI	2	
Disposal Method)	D10	D10-42	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	210	210 .2		2011		DEST (OTES 11 / E	_	
Disposal Method)	D10	D10-43	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-44	D	Low		DELLWOOD ST	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				_			_	
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-45	D	Low		DELLWOOD ST	2	
Disposal Method)	D10	D10-46	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-40	D	LOW		ELSINORE AVE	2	
Disposal Method)	D10	D10-47	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_				-	
Disposal Method)	D10	D10-48	D	Low		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-49	D	Low		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield			_					
Disposal Method) Injection wells (Class V) Large-Capacity Septic System (Drainfield	D10	D10-50	D	Low		SNOWHILL AVE	2	
Disposal Method)	D10	D10-51	D	Low		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield	DIU	D10-31	ע	LOW		SNOWNILL AVE		
Disposal Method)	D10	D10-52	D	Low		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield				:				
Disposal Method)	D10	D10-53	D	Low		SNOWHILL AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield	Source ID			101 Tillarysis	urter rinarysis			
Disposal Method)	D10	D10-54	D	Low		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-55	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-56	D	Low		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-57	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-58	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-59	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-60	D	Low		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-61	D	Low		HELEN LN	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-62	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-63	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-64	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-65	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-66	D	Low		SNOWHILL AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-67	D	Low		HOKA HAY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-68	D	Low		MCKINLEY DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-69	D	Low		BLIND NICK DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-70	D	Low		BLIND NICK DR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-71	D	Low		INDIAN HILL CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-72	D	Low		INDIAN HILL CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield							i i	
Disposal Method)	D10	D10-73	D	Low		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield							i i	
Disposal Method)	D10	D10-74	D	Low		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-75	D	Low		SNOHOMISH AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-76	D	Low		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-77	D	Low		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-78	D	Low		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-79	D	Low		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-80	D	Low		SNOHOMISH AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-81	D	Low		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-82	D	Low		CHATTAROY CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-83	D	Low		NORTHSTAR CIR	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-84	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-85	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-86	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-87	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-88	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-89	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-90	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-91	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-92	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-93	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-94	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-95	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								<u> </u>
Disposal Method)	D10	D10-96	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								<u> </u>
Disposal Method)	D10	D10-97	D	Low		ELSINORE AVE	2	

Contaminant Source Category	Contaminant Source ID	CS ID Tag	Zone	Risk Ranking for Analysis	Overall Rank after Analysis	Location	Мар	Comments
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-98	D	Low		ELSINORE AVE	2	
Injection wells (Class V) Large-Capacity Septic System (Drainfield								
Disposal Method)	D10	D10-99	D	Low		ELSINORE AVE	2	
Contaminated sites, DEC recognized, non-Superfund, non-RCRA	U4	U4-06	D	High		BOGARD RD	2	

APPENDIX D

Vulnerability Analysis for A & W Windbreak Café Public Drinking Water Source

Chart 1. Susceptibility of the wellhead – A & W Windbreak Cafe

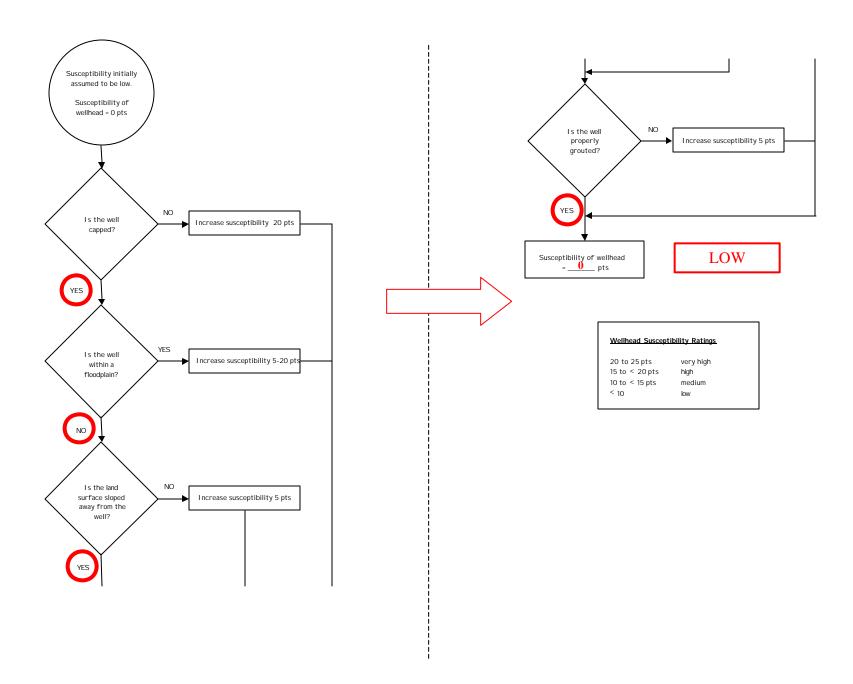


Chart 2. Susceptibility of the aquifer – A & W Windbreak Cafe

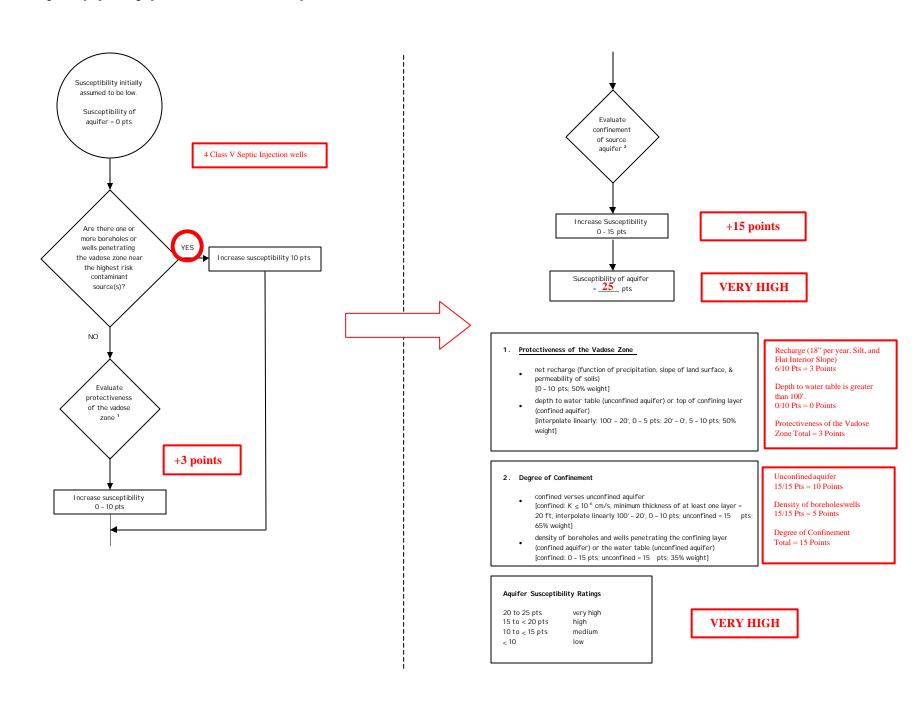
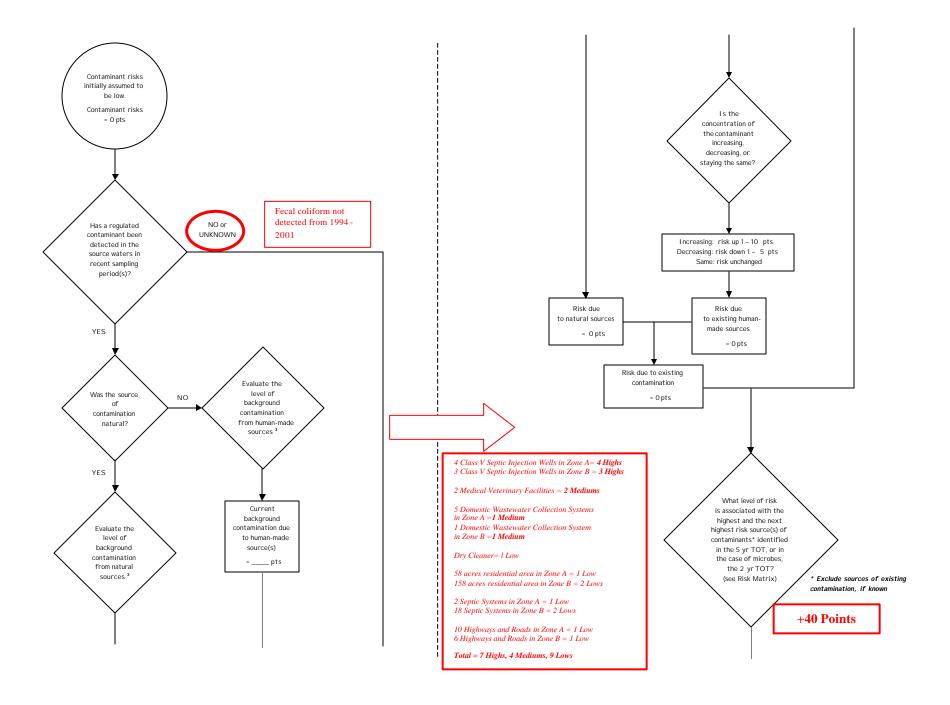


Chart 3. Contaminant risks for A & W Windbreak Cafe - Bacteria & Viruses



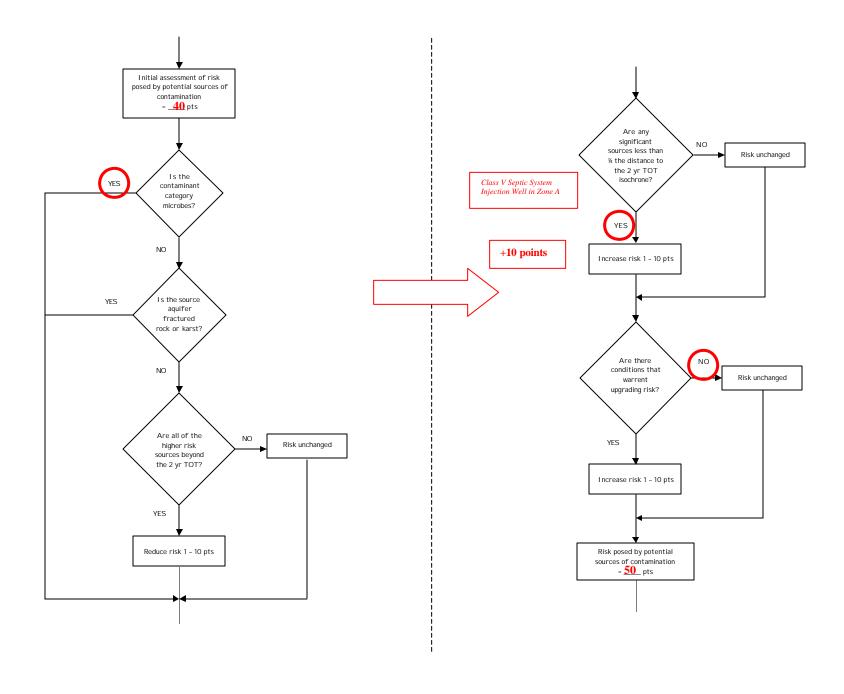


Chart 3. Contaminant risks for A & W Windbreak Cafe - Bacteria & Viruses (Continued)

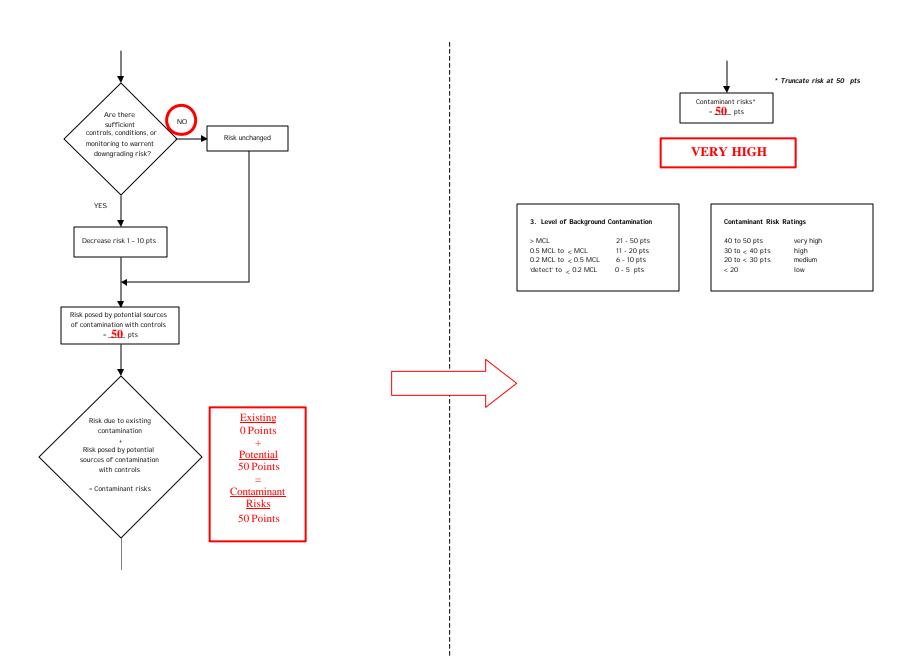


Table 1. Risk Matrix for Contaminant Sources for A & W Windbreak Cafe – Bacteria & Viruses

Level of Risk Associated with the Highest Risk Sources

Class V Septic Injection Wells, Medical Veterinary Facilities, Domestic Wastewater Collection Systems, Dry Cleaner, 216 acres residential area, Septic Systems, Highways and Roads	LOW 10 pts	MEDIUM 20 pts	HIGH 30 pts	VERY HIGH 40 pts
Low	$\geq 10 \text{ sources} + 10 \text{ pts}$	≥ 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

Chart 4. Vulnerability analysis for A & W Windbreak Cafe - Bacteria & Viruses

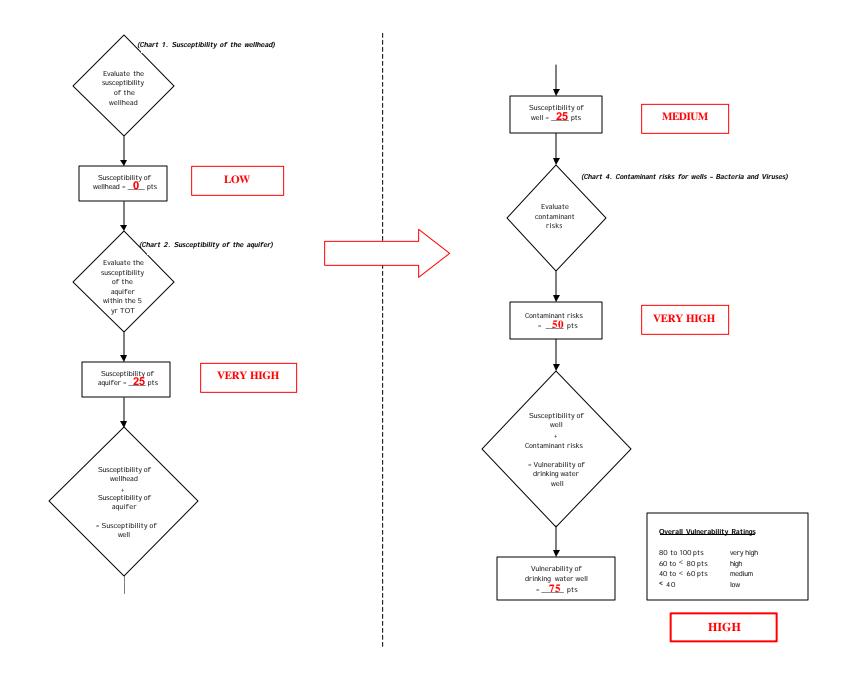


Chart 5. Contaminant risks for A & W Windbreak Cafe - Nitrates and Nitrites

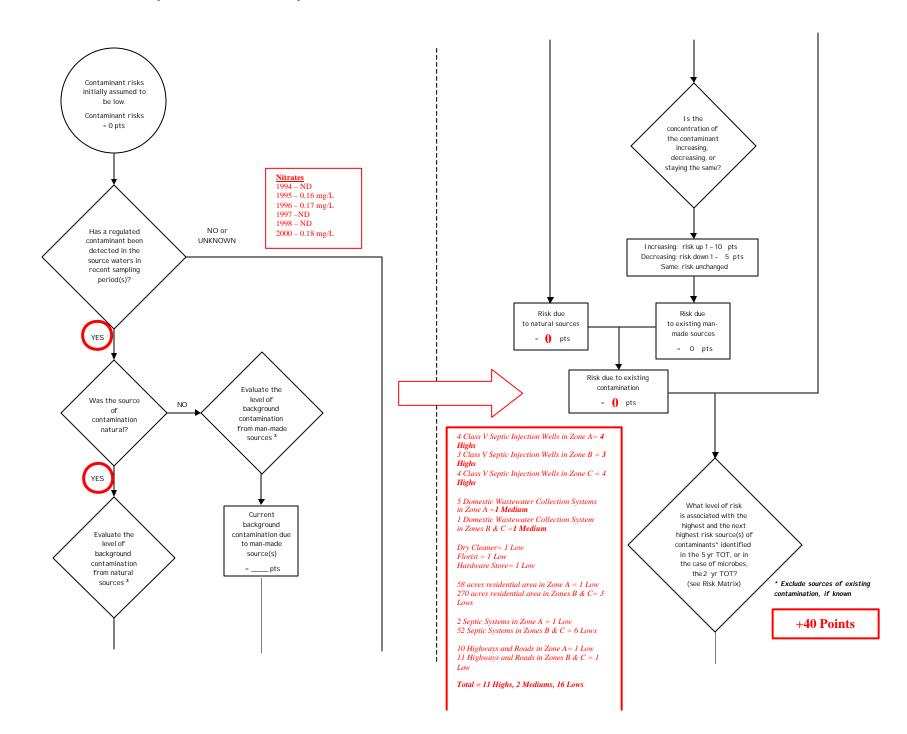


Chart 5. Contaminant risks for A & W Windbreak Cafe - Nitrates and Nitrites (Continued)

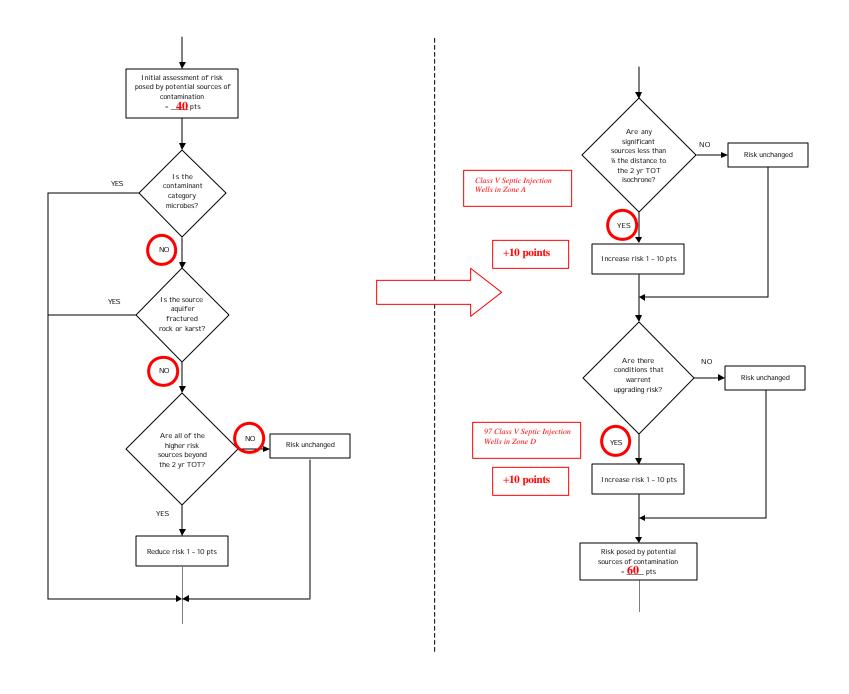


Chart 5. Contaminant risks for A & W Windbreak Cafe - Nitrates and Nitrites (Continued)

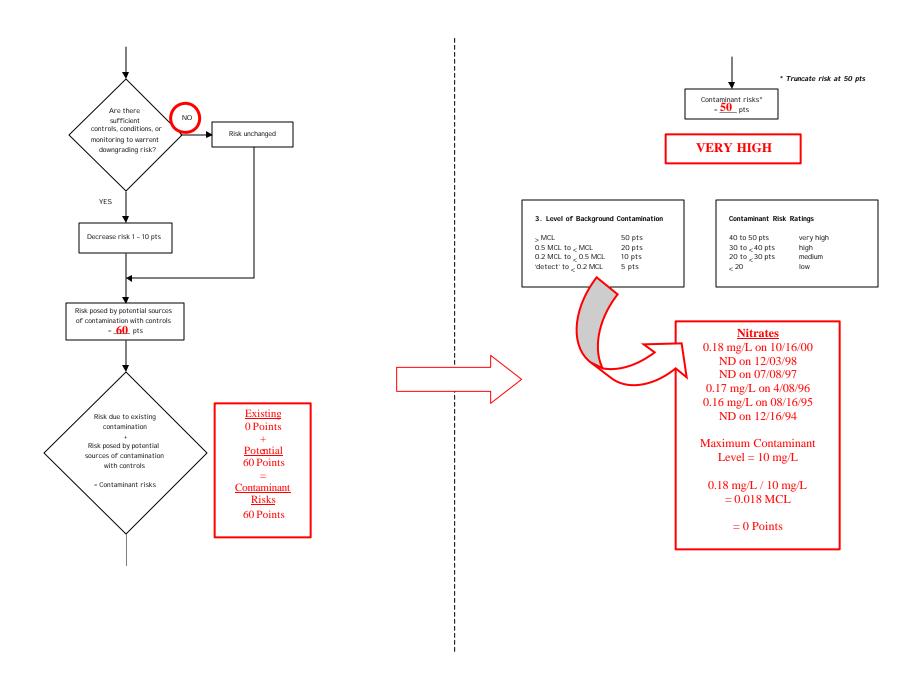


Table 2. Risk Matrix for Contaminant Sources for A & W Windbreak Cafe – Nitrates and Nitrites

Level of Risk Associated with the Highest Risk Sources

Class V Septic Injection Wells, Domestic Wastewater Collection Systems, Dry Cleaner, Florist, Hardware Store, 328 acres residential area, Septic Systems, Highways and Roads	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

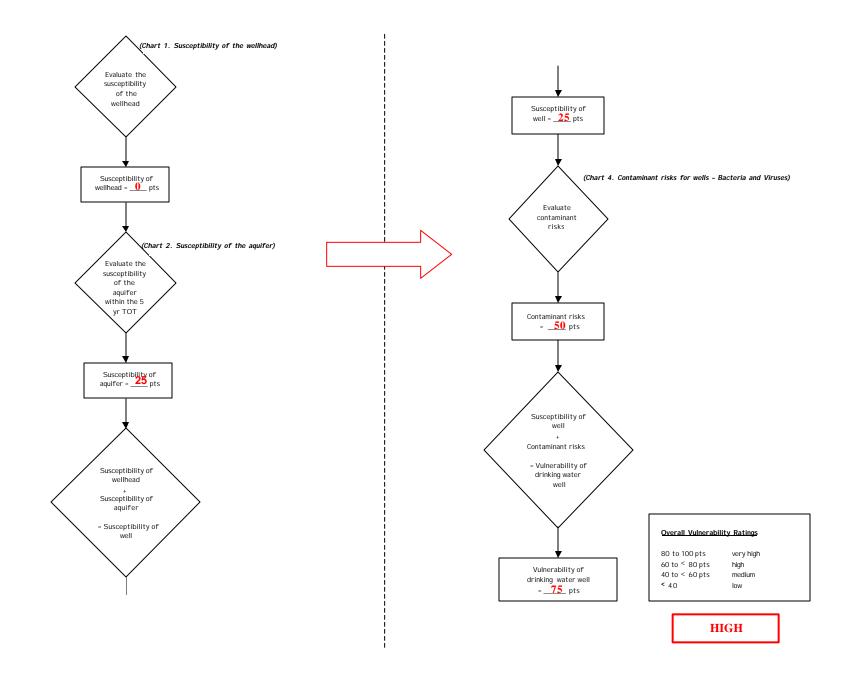
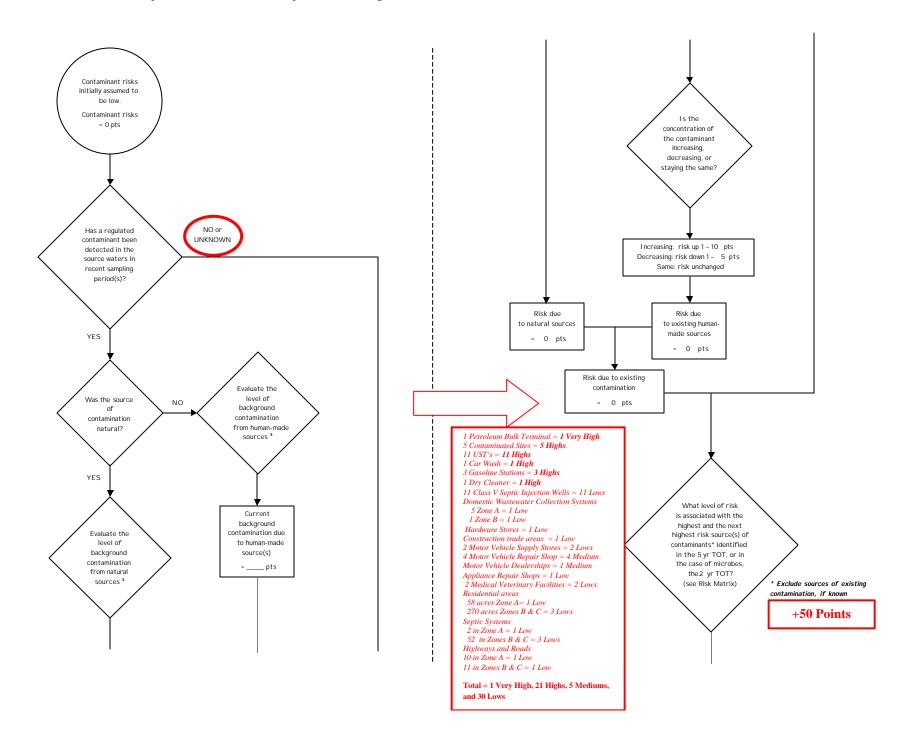


Chart 7. Contaminant risks for A & W Windbreak Cafe - Volatile Organic Chemicals



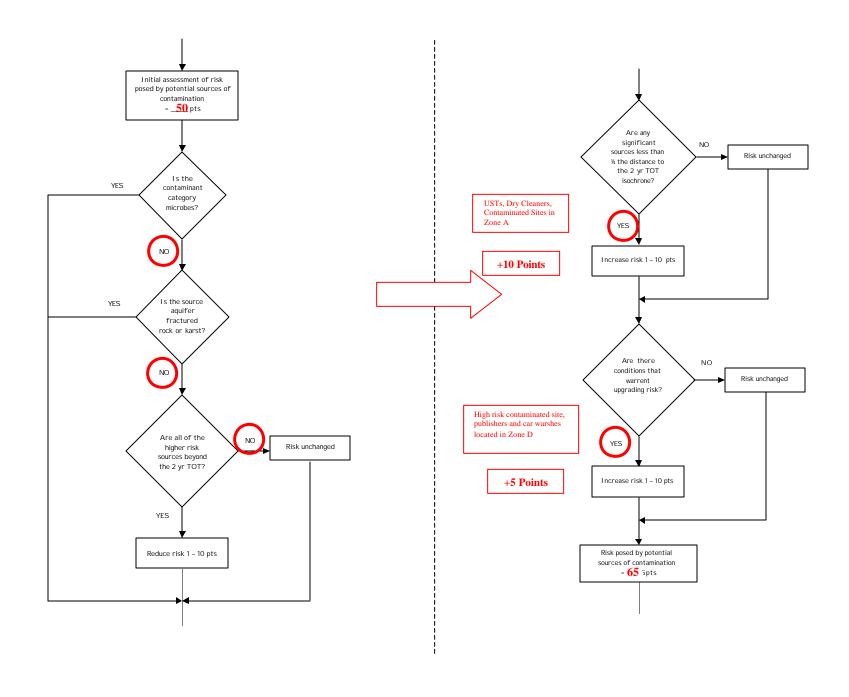


Chart 7. Contaminant risks for A & W Windbreak Cafe - Volatile Organic Chemicals (Continued)

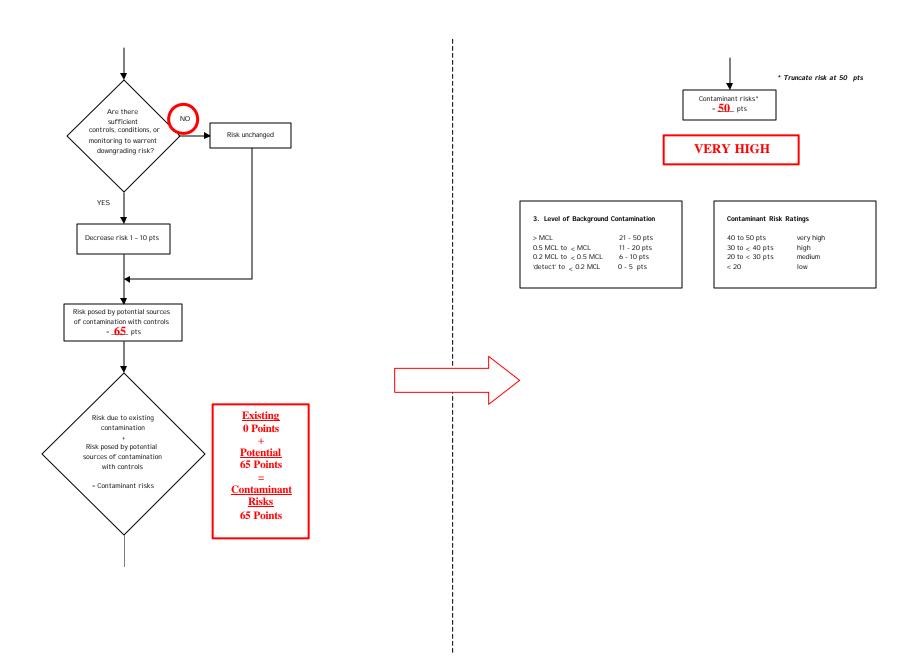


Table 3. Risk Matrix for Contaminant Sources for A & W Windbreak Cafe – Volatile Organic Chemicals

Level of Risk Associated with the Highest Risk Sources

Bulk fuel, Contaminated sites, UST's, Car wash, Gas stations and Dry cleaners	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	

