

# Warden City Water Supply Wells No. 4 and 5



SHARP Report — Part 1 of 2

[Go to site contamination history](#)

SHARP incomplete. SHARP it.		v2024.04.29	Ecology Info	
• SHARP rating	Medium		ERTS	none
• SHARP date	05/16/2025		CSID	1619
• EJFlagged?	⊘ - Overridden		FSID	2802409
• LD confidence level	low		VCP	none
• Cleanup milestone	cleanup implementation		UST ID	none
• SHARPster	Christer Loftenius		LUST ID	none

This section is blank if this is the first SHARP

SHARP Media	Scores	Confidence	Additional Factors	
Indoor air	D4	high	multiple chemical types	⊘
Groundwater	A1	high	risk to off-site people	✓
Surface water	D4	medium	climate change impacts	⊘
Sediment	D4	high	plant/animal tissue data	⊘
Soil	B1	high		

## Location and land use info

1800 W First Street, Warden, Grant County, 98857

Primary parcel Parcel No. 060697000

Land use commercial

Responsible unit ERO

## Sources reviewed

Remedial Investigation and Feasibility Study Report

Cleanup Action Plan

Partial Cleanup Action Completion Report

Primary census tract	Associated census tracts
Grant025-113	0

**Local demographics comments**

US EPA EJscreen web portal has ceased to be.

**Source/source area description**

The Simplot property is currently used by Simplot for storing agricultural products (e.g., packaged fertilizers) in warehouses. The property consists of two warehouse buildings, an unpaved parking area, and several storage bins. Figure 1 and Figure 2 are aerial photographs of the site and surrounding area that provide an indication of current land use. The parcel and surrounding parcels are listed by Grant County as “trade-general merchandise.” Land use within 1/2 mile of the property includes commercial and light industry, undeveloped open space, and agricultural. Simplot anticipates continuing to use the property for storage of agricultural products for the near future and has not identified any long-term changes to property use.

The area immediately around the Simplot Growers Solutions property is industrial (agricultural), with irrigated agricultural areas on the north and west sides of the East Low Canal. A railroad spur borders the property to the

**Soil comments**

Groundwater and public drinking water wells contaminated with ethylene dibromide.

**Groundwater comments**

Groundwater and public groundwater supply wells contaminated with ethylene dibromide.

**Surface water comments**

no comments

**Sediment comments**

no comments

**Indoor air comments**

no comments

**Additional factors comments**

no comments

## Site history

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The site is a former Simplot Grower Solutions (also known as Simplot Soilbuilders) facility. Simplot Grower Solutions are retail outlets for agro-chemicals (fertilizers, pesticides, soil amendments) that offer customized fertilizer blending, application services, and consulting. Environmental Data Resources conducted a chain-of-title search and reported the following for the 1800 W. First Street facility (2011):

- 1940 to 1971: site owned by Burlington Northern, Inc. (formally Northern Pacific Railroad Company)
- 1971 to current: J.R. Simplot Company

Simplot actively operated the Simplot Soilbuilders facility from 1971 through 1992, where they stored, blended, and transported agro-chemicals, including EDB. Most of the Simplot workers familiar with the site are retired (many no longer living). Little information is available about the storage and use of EDB and if there were any observed spills.

EDB was used in the past as a pesticide for potato crops and as an additive for leaded gasoline fuel. Potatoes are a common crop in the Warden area, and there are potato processing facilities in the industrial section of the city. Although the chemical was banned for use as a soil fumigant in 1984, elevated levels of EDB were found in City of Warden wells (City Wells #4 and #5) in 2003, which led to multiple investigations to find the source of the EDB. (Figure 2).

City Well 4 is located approximately 250 feet northwest of the Site. EDB was discovered in the well with a concentration exceeding the maximum contaminant level (MCL) of 0.05 micrograms per liter (µg/L) in March 1989. The well was permanently decommissioned by the City of Warden in January 2011. The well was abandoned because of the presence of EDB and also because of the presence of industrial activities and railroads within the well's 100-foot sanitary control area. (HDR, 2018)

City Well 5 is located approximately 800 feet west-southwest of the Site. EDB was detected in groundwater collected from the well in February 1990. The City of Warden installed a packer in this well in 2004 to isolate the lower portion of the well for water production and to prevent shallow potentially EDB-contaminated water from entering the well. The city periodically pumps the well for irrigation use at a wastewater land application site. (HDR, 2018)

**Overflow - Site contamination and cleanup history**

Abbreviated Legal Description: TAX# 6541 IN S1/2SESW 9 17 30 TAX# 6541 AN IRREGULAR TRACT OF LAND SITUATED IN THE SOUTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 17, RANGE 30, TOWN OF WARDEN, GRANT COUNTY, WASHINGTON, MORE PARTICULARLY DESC

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1619 Warden City Water Supply Wells No. 4 and 5 20250516

first SHARP/reSHARP = SHARP it

SHARP rating — Medium

## SHARP Report — Part 2 of 2

Conceptual site model

05/16/2025



### Assessment scores by environmental medium

