

Site Name/Location: Former T&T Standard, SD Hwy. 34, Woonsocket

DENR #91.548: DENR reviewer: Joane Lineburg

PRCF #1853: PRCF reviewer: Ryan Collins

Consultant: LBG, Mitch Kannenberg

Summary: Release discovered in December 1991. Assessment was performed in 1992, 1993, 1994 and 1999. Three USTs (1-10K gallon gasoline, 1-8K gallon gasoline, and 1-3K gallon diesel) and about 900 cubic yards of contaminated soil were removed in 1992, from south of the building. Two USTs (1-270 gallon and 1-100 gallon) waste oil tanks (?) and about 10 cubic yards of soil were removed in 1994. Groundwater monitoring was performed between 1992 and 2003. Additional assessment required to define extent and evaluate potential for risk to underground structures (utilities) and city water supply wells.

Potential Source(s): Former on-site tank systems and off-site tank systems (former Sandborn County Maintenance - DENR #94.206, PRCF #2937, and former Dick's Drive-In (currently Express Stop) – DENR #87.123).

Potential Pathways: Utilities and groundwater.

Potential Receptors: Utilities and City water supply wells.

Site Name/Location: Steve's Amoco, 5th Ave. NW & Hwy 20, Watertown
DENR #2003.131: DENR reviewer: Kristi Honeywell
PRCF #6775; PRCF Reviewer: John McVey
Consultant: Coteau, Nate Hunke

Summary: Release was first discovered in March 1998 during upgrade of the underground piping for the UST system (DENR #98.045, PRCF #3385). Assessment was performed in 1999, and groundwater monitoring was performed from 1999 through August of 2003. Due to elevated concentrations of gasoline constituents in MW-2 and MW-6 in late 2002 and early 2003, DENR inspected facility and required line testing. One of the dispenser lines failed the line test, and the line was excavated in early August 2003. The leak was determined to have been at an elbow of the fiberglass piping near the west edge of the tank basin. Free phase product was measured at a thickness of 0.03 feet in MW-2 on August 19, 2003. Additional assessment is required to determine potential risk to receptors in the area.

Potential Source(s): Former UST piping

Potential Pathways: Groundwater

Potential Receptors: Home directly east of the site.

Site Name/Location: Former Husky Station, Pierre
DENR #95.313: DENR reviewer: Kristi Honeywell
PRCF #2964: PRCF reviewer: John McVey
Consultant: Doug Schueller, American Engineering

Summary: The site was an operating gas station as early as 1973 and up until 1986. The USTs were reportedly removed around that time, but there is no record of an assessment or spill at that time. Petroleum constituents (gasoline and diesel fuel) were discovered in borings and wells on the west property boundary during the assessment of a release site west of this property in 1995. Free phase product has been measured in MW-21. DENR directed former owner/operators of the property to perform an assessment in 1995 and 1997. The former owners dispute being named the responsible party, and no assessment has been performed to date.

Potential Source(s): Former on-site UST system, possible surface spill from transport, possible fueling line found in Henry Street (?), and release site to the west (Don's Sinclair – DENR #93.239, PRCF #2506).

Potential Pathways: Soil, utilities and groundwater.

Potential Receptors: Utilities and city water supply.

Site Name/Location: DM&E RR, Pierre
DENR #90.592: DENR reviewer: Kim McIntosh
PRCF #1327: PRCF reviewer: Ryan Collins
Consultant: Doug Schueller, American Engineering

Summary: A spill report was filed in November 1990 based on a report of staining and fuel odors in the fueling area of the railroad property. Assessment performed in 1991 found contamination in the soils and groundwater, and free phase product in on-site and off-site wells. Additional assessment performed in 1998 further defined the extent of the contamination. Four recovery wells were installed in 1991, and approximately 2,100 gallons of product recovery has been reported between late 1991 and early 2003. The majority of the product was recovered from RW-3 between 1991 and 1994. Additional assessment is necessary to identify the source(s) of the free phase product, better define the extent of free phase product, and if necessary develop a corrective action plan to remediate the remaining free phase product.

Potential Source(s): Former on-site AST and loading devices, likely historical surface spills near railroad track, and off-site ASTs.

Potential Pathways: Groundwater

Potential Receptors: None identified to date.

Site Name/Location: Severson Sinclair, Platte
DENR #91.041: DENR reviewer: Terry Florentz
PRCF #1341: PRCF reviewer: Ryan Collins

Summary: Petroleum was first discovered in 1983 when a LUST investigation was performed by the State of South Dakota in response to petroleum vapors in the sanitary sewer located in the alley northeast of the site. Additional assessment was performed in 1990 for the State of South Dakota in response to petroleum contamination discovered during installation of a new water main in the street north of the site. A drain tile and sump were installed along the new water main north of the site at that time. The tank owner did not comply with DENR directives in 1991 and 1993 to complete an assessment. Additional assessment was performed in 1998 and 1999 in response to vapors in the Platte TV Radio building located about one-half block north of the site. Three USTs and about 700 cubic yards of contaminated soil were removed from the site in the summer of 1998. The sump in Platte TV Radio building was also sealed in spring of 1998 to minimize vapors from entering the building. Petroleum contaminated soil was encountered in the fall of 2001 during replacement of the sanitary sewer located in the alley northeast of the site. Additional assessment was performed in December 2001 to better define the extent of contamination. Groundwater monitoring has been performed periodically between 1998 and the present time, and contaminated groundwater is currently being removed from the drain tile on a quarterly basis.

Potential Source(s): The previous tank system, and possibly the current tank system (?).

Potential Pathways: Groundwater, utilities.

Potential Receptors: Utilities and other sub-grade structures.