

Appendix L Draft Preliminary Site Assessment

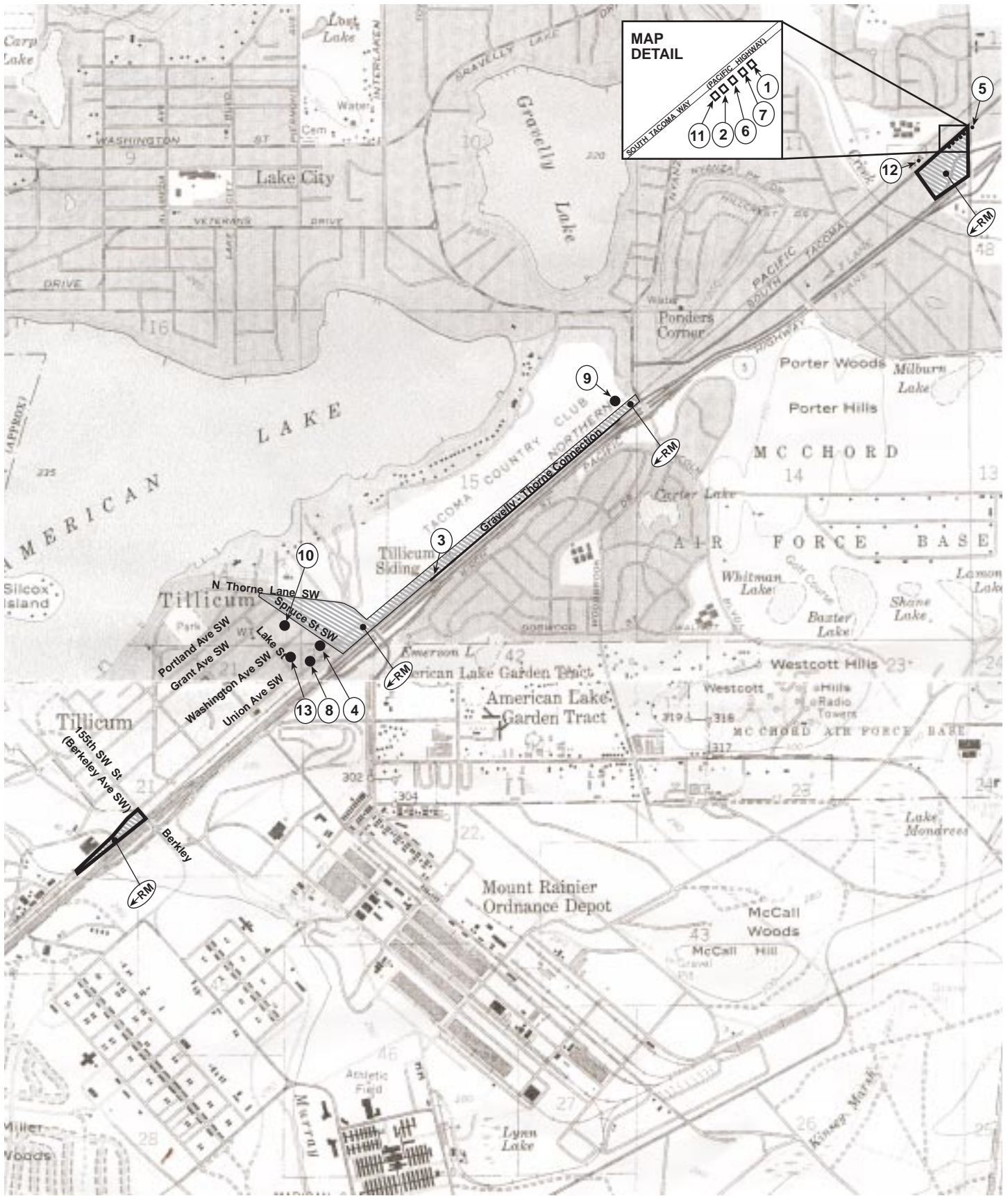
TECHNICAL MEMORANDUM

Date: **01/28/02**
To: **Jenny Bailey**
From: **Terry Bukowski**
Subject: **DRAFT Preliminary Site Assessment, Gravelly-Thorne Connector,
Thorne Lane Interchange, and Ramp Meters**
cc: **Mike Warfel**
Project Number: **554-1588-030**
Project Name: **Cross-Base SDEIS**

INTRODUCTION

The proposed road construction and general improvements for the Gravelly-Thorne Connector are to occur along a 6,000-foot corridor between Gravelly Lake Drive and Thorne Lane SW. The connector would include the construction of a retaining wall and back filling to the grade of the Tacoma Country and Golf Club. Ramp meter improvements are to include southbound Interstate-5 (I-5) access, with meters to be installed on southbound on-ramps at the following interchanges: Berkeley Street SW, Thorne Lane SW, Gravelly Lake Drive, and Bridgeport Way, located in Pierce County, Washington (Figure 1). The Gravelly-Thorne Connector project area is bounded by Burlington Northern Railroad to the southeast, Tacoma Country and Golf Club to the northwest, Gravelly Lake Drive to the northeast, and Thorne Lane SW to the southwest. The project area has a northeast/southwest orientation. In addition to the Connector and ramp meter construction, there is a proposed road realignment for the Thorne Lane SW and Union Avenue SW intersection associated with a relocation of the Thorne Lane interchange.

Methods used in this preliminary site assessment included: a regulatory database search within a 1/4-mile radius along the corridor, review of historical maps of adjacent properties, local health department database review, and a field reconnaissance of the 6,000-foot corridor of the adjacent properties. The objective of this assessment was to identify sites with hazardous materials that could potentially affect the road construction and intersection realignment of the one-way southbound road that parallels the Burlington Northern Railroad and I-5.



Parametrix, Inc. Crossbase EIS 554-1588-030/02(300) 01/02 (K)






-  Project Site
-  Ramp Meter
-  Site Reference Number

Figure 1
Cross-Base Project Site

STUDIES AND COORDINATION

Regulatory Database Search

A regulatory data base search was completed using VISTA Information Solutions. A summary of the regulatory search results is provided in Table 1. The VISTA report identified a total of 37 sites within a 1¼-mile radius of the corridor with the potential for the presence of hazardous materials and/or hazardous waste.

Historical Maps

Historical maps from the following sources were reviewed: U.S. Army Corps of Engineers and Pierce County Planning Maps. The maps were dated from 1921 to 1967. Observations indicated that the general area was either unmapped or agricultural land with farms through approximately 1938. The Tacoma Country Club is on the 1938 map. The maps confirmed the trend of increasing residential, commercial, military land use within the general vicinity.

Environmental Protection Agency

In the data provided by VISTA, a spill was reported on I-5 near Mile Post 123, within the Thorne Lane/I-5 interchange. No other information was provided within the data provided by VISTA. Due to the reported location of the spill, additional information was requested from the EPA Region 10 to determine the extent and nature of the spill. The report provided by the EPA indicated that reported spill(s) were located in excess of the 1¼-mile corridor radius search. The additional information provided by the EPA-ERNS report did not provide the necessary information to either confirm or deny the original data provided in the VISTA report.

Tacoma-Pierce County Health Department

A Tacoma-Pierce County Health Department (TPCHD) Site Assessment Information Request was submitted to TPCHD for the project area. Areas of interest submitted on the request form included: hazardous materials storage sites, underground storage tank removal, spill response incidents, existing and/or abandoned landfills all within a 1,000-foot radius, ground water (flow, direction, and depth), soils, water supply, and any information immediately adjacent to the project area that would pertain to human health and environment. Results of request found three sites within the project area and are summarized in Table 2.

SITE RECONNAISSANCE

The reconnaissance consisted of a walk through the proposed area of the Gravelly-Thorne Connector, as well as a drive thorough the proposed project area and the 1½ blocks adjacent to the project area via publicly accessible streets. The purpose of site reconnaissance was to identify properties along the corridor that have potential hazardous material impact on the Gravelly-Thorne Connector. Results of the field reconnaissance identified 15 potential sites not included in the VISTA Report. Findings of the site reconnaissance are summarized in Table 3.

There are two areas within the Project Site that appear to be historically subject to dumping. Southwest of Thorne Lane SW and along Union Avenue SW, metal debris such as stoves, water heater, piping, and other unidentifiable metal objects was observed along with concrete, litter, and wood debris. The area between Thorne Lane SW and the Ferrell Gas parcel was observed to have piles of materials such as

wood, asphalt shingles, and other unidentifiable piles of materials that are overgrown with grass. An observed depressed area appeared to have contained tar or a tar-like material discarded, approximately 6 to 8 feet wide by 10 to 12 feet long. Further to the northeast was a concrete foundation with a concrete floor that caps the foundation, which may have been used as part of the propane bulk distribution facility. Two ground transformers were observed next to the concrete foundation. Other items such as an unlabeled drum, small miscellaneous containers, lead-acid battery, metal debris, and litter were observed scattered though the Project Site.

The majority of the Project Site could not be inspected due to dense blackberry vegetation. Some areas along the railroad tracks appears to have stressed and/or dead vegetation within the Project Site. These areas were found near the railroad tracks and may be due to vegetation management of the railroad.

CONCLUSIONS

The results of this preliminary assessment suggest that most of the parcels of potential concern with respect to hazardous materials are reasonably predictable sites. These sites are typically small and involve contaminants of relatively low toxicity that could be remediated. In most cases, the parcels with potential contamination are not immediately adjacent to the project area. It is recommended that full parcels to be purchased for the project be subjected to more detailed assessment (including onsite field visits, owner interviews, and regulatory file review), to evaluate whether these parcels would be considered to be substantially contaminated. The general groundwater flow is to the west-northwest (Brown and Caldwell et al. 1985)¹. Therefore, due to the close proximity to McChord Air Force Base, Camp Murray, Fort Lewis, and the known contamination associated with these sites, it is also recommended that plume maps (maps showing migration of contaminated groundwater from these sites) be evaluated prior to excavation to assess the extent of impact of these sites on the Project area.

LIMITATIONS

This preliminary hazardous materials assessment of parcels within and immediately adjacent to the Gravelly-Thorne Connector did not include the following:

- Access onto private property.
- An evaluation of chain-of-title for any property.
- Assessment of structures, including the presence of asbestos-containing materials, lead-based paint, PCB electrical equipment, and underground storage tanks.
- Assessment of electromagnetic fields.
- Assessment of drinking water quality, water wells, or water supply sources.
- Assessment of radon gas.
- Assessment of wetlands. (Not performed as a part of the Hazardous Material Assessment; see Wetland Analysis in a separate project memo).

¹ Brown and Caldwell, Sweet Edwards & Associates, and Robinson & Noble, Inc. 1985. Clover/ Chambers Creek Geohydrologic Study for Tacoma-Pierce County Health Department, Final Report. July 1985.

Table 1. Vista Information Solutions Summary of Regulatory Agency Database Review

Site Name and Address	Agency Database	Distance from Site*	Comments
Bldg. 33 Camp Murray Bldg. 33 Lakewood, WA	LUST, UST	<0.13 miles	One UST, soil affected. Release and cleanup reported 1/24/89. Reported cleaned 1/24/90 clean
Tillicum Mobil 8202 Berkley Ave. SW Tacoma, WA 98498	UST	<0.13 miles	Four USTs containing unleaded and leaded gasoline. Tanks reported as removed.
Matlack, Inc. I-5 Spill I-5 MP 123 Southbound Tacoma, WA 98439	FINDS	<0.13 miles	Spill reported on I-5 and Mile Post 123, southbound. Nature and material spilled not specified.
BP Service Station 03148 13101 Gravelly Lake Dr. Tacoma, WA 98499	FINDS	<0.13 miles	Service station, no other information listed.
Tosco 03148-30138 13101 Gravelly Lake Dr. Tacoma, WA 98499	UST	<0.13 miles	Four USTs. Three tanks still operational containing 5,000 – 19,999 gallons of leaded and unleaded gasoline. One used/waste oil tank removed.
USAF McChord Bridgeport Way I-5 Tacoma, WA 98499	FINDS	<0.13 miles	No information available.
Exxon 77142 12315 Bridgeport Way S. Tacoma, WA 98499	TOXICS	<0.13 miles	Petroleum to groundwater and soil. Interim report received 4/9/93 and two final reports received 9/14/94 and 10/20/94.
Camp Murray Swale Camp Murray Bldg. 36 Tacoma, WA 98433	SCL	<0.13 miles	Independent remedial action. Suspected groundwater and confirmed soil contamination. Independent site assessment or interim remedial action report received.
Washington State National Guard Camp Murray Camp Murray Bldg. 33 Tacoma, WA 98433	SPL	<0.13 miles	Independent remedial action. Suspected air, drinking water, groundwater, surface water and soil contamination. Release report received, awaiting assessment by PRPs.
USAF McChord AFB Facility 1184 Tacoma, WA 98438	SPILLS	<0.13 miles	3/9/93 jet fuel (JP-4) spill to concrete and soil, 20 gallons reported.
USAF McChord AFB Bldg. 1173 Bldg. 1173 Vicinity Tacoma, WA 98438	SCL, FINDS	<0.13 miles	Discovery, completion date 5/7/86. No other information available.
USAF Bldg. 707 Tacoma, WA 98438	SPILLS	<0.13 miles	12/29/88 mercury spill to soil, three pounds reported.
USAF McChord AFB Bldg. 792 Bldg. 792 Vicinity Tacoma, WA 98438	FINDS, NFRAP, CERCLIS	<0.13 miles	Discovery, completion date 5/7/86. No other information available.

Table 1. Vista Information Solutions Summary of Regulatory Agency Database Review (Continued)

Site Name and Address	Agency Database	Distance from Site*	Comments
McChord AFB B53K046/MCABWAQ4540 McChord AFB Tacoma, WA 98438	LUST, UST	<0.13 miles	One UST, release and clean up reported 11/2/94. Tank removed, soil affected.
USAF McChord AFB Near Building 730 Tacoma, WA 98438	SPILLS	<0.13 miles	3/3/92 jet fuel (JP-4) spill to water (Clover Creek), 5 gallons reported.
USAF Charlie Ramp McChord Air Force Base Tacoma, WA 98438	SPILLS	<0.13 miles	2/29/96 jet fuel (JP-8) spill to tarmac 159 gallons reported.
USAF MAFB MTCA 62 CES CEV Tacoma, WA 98438	SPL, SCL	<0.13 miles	Ranked site, remedial action completed, confirmational monitoring underway. Residual contamination left on site. Groundwater and soil affected.
USAF McChord AFB 62 SPTG/DEV Tacoma, WA 98438	SPILLS	<0.13 miles	12/23/93 jet fuel (JP-8) spill to soil, 3 gallons reported. 4/11/94 aviation fuel (AFFF) spill to asphalt, 50 gallons reported.
USAF McChord AFB Area A Area A Tacoma, WA 98438	FINDS, NFRAP, CERCLIS	<0.13 miles	Involves four other sites, no other information available.
** USAF McChord AFB Area D Area D Tacoma, WA 98438	FINDS, NFRAP, CERCLIS	<0.13 miles	Involves five waste disposal sites, no other information available.
Fort Lewis Fort Lewis Tacoma, WA 98438	SPILLS	<0.13 miles	Reported spill 10 gallons of Aroclor 1016 (PCBs).
ASR McChord Long. 122 28 15W Lat. 47 08 19N Tacoma, WA 98438	UST	<0.13 miles	One UST, reported as removed.
ATBM McChord Long. 122 28 15W Lat. 47 08 15.6N Tacoma, WA 98438	UST	<0.13 miles	One UST, reported as removed.
USAFB McChord AFB Area C Area C Tacoma, WA 98438	FINDS, NFRAP, CERCLIS	<0.13 miles	Involves seven other sites, no other information available.
USAFB Pierce County McChord AFB Test Burn Facility Tacoma, WA 98438	FINDS	<0.13 miles	No information available.
McChord Inert Waste Landfill Permit 27 Tacoma, WA 98438	SWLF	<0.13 miles	Two landfills reported at McChord for inert/demolition waste. No waste reported in 1999.

Table 1. Vista Information Solutions Summary of Regulatory Agency Database Review (Continued)

Site Name and Address	Agency Database	Distance from Site*	Comments
McChord US Air Force 62 CES/CEV Tacoma, WA 98438	UST	<0.13 miles	148 USTs reported. USTs are listed as operational, removed, exempt, abandoned, closed in place.
USAF MAFB MTCA Landfill 0102 62 CES CEV Tacoma, WA 98438	SPL	<0.13 miles	Remedial action completed, confirmational monitoring underway. Groundwater, sediments, and soil affected.
USA Fort Lewis Landfill 4 SRCPP Fort Lewis Tacoma, WA 98433	SCL	<0.13 miles	Remedial action in progress. Groundwater and soil affected.
Unit Training Equipment Site Logistics Center Tacoma, WA 98433	UST	<0.13 miles	Five USTs. Four still operational and one reported as removed.
** USA Fort Lewis Log Center T19N R2E Sections 21, 22, 26, 27 Tacoma, WA 98433	SCL	<0.13 miles	Construction completed, operation and maintenance underway. Drinking water and groundwater affected with halogenated organics. No other information available
** USA Fort Lewis Logistic Center T19N R2E Sections 21, 22, 26, 27 Tacoma, WA 98433	NPL	<0.13 miles	Currently on the final NPL. Record contains a number of regulatory actions.
Unocal 3588 11919 Pacific Highway SW Tacoma, WA 98499	TOXICS	<0.13 miles	Petroleum contamination to groundwater and soil. Several interim reports received. Groundwater monitoring reports received 9/26/00 and 1/28/01.
Tosco Corp. Site 253588-30522 11919 Pacific Highway SW Tacoma, WA 98499	LUST, UST	<0.13 miles	Seven USTs, closure in progress for three UST, one UST removed, and three are still in operation. Released reported on 5/9/96 groundwater affected.
Tune Up and Lube King 11924 Pacific Highway SW Tacoma, WA 98499	UST	<0.13 miles	Four USTs, three reported as closed in place and one reported as removed
Buds Machine Engine Shop 12019 C Pacific Highway SW Tacoma, WA 98499	FINDS, GNRTR	<0.13 miles	Generator verified as a conditionally exempt small quantity generator
AAMCO Transmission 12006 Pacific Highway Tacoma, WA 98499	UST	<0.13 miles	Two USTs, one tank closure is in process. Second tank reported as exempt.
Northern Auto Electric Rebuilding 12012 Pacific Highway Tacoma, WA 98499	FINDS, NFRAP, CERCLIS	<0.13 miles	Preliminary assessment 6/11/85-3/24/86. No further remedial action planned.
Arco 4490 PSI 0563 13005 Gravelly Lake Drive Tacoma, WA 98499	FINDS	<0.13 miles	Gasoline station, no other available information.
Arco 4490 13005 Gravelly Lake Tacoma, WA 98499	UST	<0.13 miles	Seven USTs, three tanks reported as removed. Four tanks still in operation containing unleaded fuel.

Table 1. Vista Information Solutions Summary of Regulatory Agency Database Review (Continued)

Site Name and Address	Agency Database	Distance from Site*	Comments
USAF MAFB American Lake Gardens 62 ABG DEEV Tacoma, WA 98439	TSD	<0.13 miles	Construction completed, operation and maintenance underway. Drinking water, groundwater, sediments, soil, and surface water affected with halogenated and nonhalogenated organics.
** American Lake Gardens/ McChord AFB 6411 146 th St. SW Tacoma, WA 98439	NPL, FINDS	<0.13 miles	Currently on the final NPL. Administrative/voluntary cost recovery. Various regulatory actions are listed.
Tillicum Chevron 15408 Union Ave. SW Tacoma, WA 98498	LUST, UST	<0.13 miles	Eight USTs, five reported as removed. Three USTs still operational. Cleanup started 1/24/95, groundwater and soil affected.
Arco 4340 15480 Union Ave. SW Tacoma, WA 98498	TOXICS	<0.13 miles	Petroleum contamination affecting groundwater and soil several interim reports received.
Arco 4340 15480 Union Ave. SW Tacoma, WA 98498	TOXICS	<0.13 miles	Petroleum contamination affecting groundwater and soil two interim reports received.
Lakewood Auto Body Inc. 12126 Pacific Highway Tacoma, WA 98499	FINDS, GNRTR	<0.13 miles	Listed as a small-quantity generator.
Vinson Villas MHP 12129 Pacific Highway Tacoma, WA 98499	TOXICS	<0.13 miles	No information available.
Arco Station Bridgeport Way 12320 Bridgeport Way SW Tacoma, WA 98499	SCL	<0.13 miles	Independent remedial action. Final independent remedial assessment report received. Groundwater and soil contaminated with metals priority pollutants, petroleum, nonhalogenated organics and PAHs.
BP Exploration Oil Inc., 03159 12315 Bridgeport Way SW Tacoma, WA 98499	FINDS, UST	<0.13 miles	Six USTs, closure in progress for all six tanks.
ICA Inc. 12320 Bridgeport Way SW Tacoma, WA 98499	LUST, UST, FINDS	<0.13 miles	Five USTs, all are reported as removed. Cleanup started 9/13/96, groundwater and soil affected.
Pierce County Fire Dist. 2 Sta. 2-3 14505 Grant Ave. SW Tacoma, WA 98498	UST	<0.13 miles	One UST reported as removed.
Texaco 398 11910 Pacific Highway SW Tacoma, WA 98444	TOXICS	<0.13 miles	Petroleum contamination affecting soil, final report received 2/13/92.
Floyd Singletary 11910 Pacific Highway SW Tacoma, WA 98499	LUST, UST	<0.13 miles	Six USTs, reported as removed. Reported cleaned up 2/4/92.

Table 1. Vista Information Solutions Summary of Regulatory Agency Database Review (Continued)

Site Name and Address	Agency Database	Distance from Site*	Comments
Kentucky Fried Chicken 11717 Bridgeport Way SW Tacoma, WA 98499	UST	0.13-0.25 miles	One UST reported as removed.
Gary Henricksen DBA Lakewood Car Wash 11621 Bridgeport Way SW Tacoma, WA 98499	UST	0.13-0.25 miles	Five USTs, reported as removed.
Century 21 12331 Pacific Highway SW Tacoma, WA 98499	FINDS	0.13-0.25 miles	No information available.
Southland 14469 12336 Pacific Highway SW Tacoma, WA 98499	TOXICS	0.13-0.25 miles	Variously dated interim reports. Groundwater and soil contaminated with petroleum.
Seven Eleven 2324-14469/Closed 12336 Pacific Highway SW Tacoma, WA 98499	LUST, UST	0.13-0.25 miles	Four USTs, three reported as closure in progress and one reported as removed. Cleanup started 3/1/91. Monitoring reported 4/26/01.
** Clover Park Vocational Technical 14800 Murray Road Tacoma, WA 98439	FINDS, UST	0.13-0.25 miles	One UST, reported as exempt.
Nks Mart 11747 Pacific Highway SW Tacoma, WA 98499	UST	0.13-0.25 miles	Two USTs, reported as operational containing unleaded gasoline.
U-Haul Company of Lakewood 11740 Pacific Highway SW Tacoma, WA 98499	FINDS, UST	0.13-0.25 miles	One UST, reported as closure in progress.
Organizational Maintenance Shop (OMS) Field Artillery Road/Camp Murray Camp Murray, WA 98430	UST	0.13-0.25 miles	25 USTs, reported as removed.
Ponders Auto Parts Inc. 12828 Pacific Highway SW Tacoma, WA 98499	SPL, UST, FINDS, NFRAP, CERCLIS	0.13-0.25 miles	One UST, closure in progress, awaiting remedial action. Soil affected, metals priority pollutants and petroleum products, groundwater suspected.
Tacoma County Golf Club County Club Drive SW Tacoma, WA 98498	UST	0.13-0.25 miles	One UST, reported as removed contained leaded gasoline.
USAF ANG Camp Murray 256 CCSQ Camp Murray Tacoma, WA 98498	FINDS	0.25-0.5 miles	No information available.
Tyee Cleaners Laundromat 4924 115 th St. Ct. SW Tacoma, WA 98499	FINDS, GNRTR	0.25-0.5 miles	Coin operated laundry, no other information provided.

Table 1. Vista Information Solutions Summary of Regulatory Agency Database Review (Continued)

Site Name and Address	Agency Database	Distance from Site*	Comments
Ponders Collision Ctr. 12424 Pacific Highway SW Bay A Tacoma, WA 98499	FINDS, NFRAP, CERCLIS	0.25-0.5 miles	Discovery completed 8/1/81, preliminary assessment and no further action planned completed 8/6/85.
Lakewood Site I-5 and New York Ave. Tacoma, WA 98499	NPL, FINDS	0.25-0.5 miles	Currently on the final NPL. Various regulatory actions reported from 1984 – 1989.
Best Japanese Auto Repair 11626 Pacific Highway SW Tacoma, WA 98499	FINDS	0.25-0.5 miles	No information available.
Lakeview Light and Power 11509 Bridgeport Way SW Tacoma, WA 98499	FINDS, UST	0.25-0.5 miles	Listed on PADS-PCB activity database system, and National Compliance database. No additional information.
Plaza Cleaners Lakewood 12509 Pacific Highway SW Tacoma, WA 98499	FINDS, GNRTR	0.25-0.5 miles	Services, dry cleaning, no additional information.
Rainer Lighting Electrical Supply 12511 Pacific Highway SW Tacoma, WA 98499	FINDS	0.25-0.5 miles	Listed on PADS-PCB activity database system. No additional information.
Billikens TV Center 12515 Pacific Highway SW Tacoma, WA 98401	FINDS, NFRAP, CERCLIS	0.25-0.5 miles	Discovery and preliminary assessments, started 6/28/85 completed 12/31/86.
Interchecks, Inc. 12715 Pacific Highway SW Tacoma, WA 98499	FINDS	0.25-0.5 miles	No information available.
Ponders Recycling 12621 Pacific Highway S Tacoma, WA 98499	FINDS, NFRAP, CERCLIS	0.25-0.5 miles	Discovery, preliminary assessment, and No further remedial action planned started 6/1/81 completed 8/6/85.
St. Clare Hospital 11315 Bridgeport Way Tacoma, WA 98499	FINDS, UST	0.25-0.5 miles	Serviced, general medical surgical hospital, no additional information.
McChord Custom Cleaners 12923 Bridgeport Way Tacoma, WA 98438	FINDS, NFRAP, CERCLIS	0.25-0.5 miles	Discovery, preliminary assessment, screening site inspection, and no further remedial action planned started 8/1/81 competed 10/18/88.
Top Auto, Inc. 11111 Bridgeport Way SW Tacoma, WA 98499	LUST, UST	0.25-0.5 miles	Reported cleaned up 1/1/91.
USAFB McChord McChord Air Force Base Tacoma, WA 98499	NPL, TSD, FINDS, NFRAP, CERCLIS, RCRA VIOL, GNRTR, CORRACTS	0.5-1.0 miles	Various regulatory actions listed between 1982 – 1996. Heavy metals, organic chemicals (benzene, chloroform, and methylene chloride) have been detected in surface drainage through Clover Creek.

* Distances are estimated.

** Sites also identified by Shannon and Wilson 1991, Draft EIS.

Table 2. Tacoma-Pierce County Health Department Agency Database Review

Site Name and Address	Agency Database	Distance from Site*	Comments
Tacoma Golf & Country Club Country Club Drive Tacoma, WA	TPCHD-UST	<0.13 miles	Site cleaned up 4/26/93.
Lakewood Fire Department 14505 Grant Avenue Tacoma, WA	TPCHD-UST	<0.13 miles	One UST removed 10/11/89. Site cleaned up as of 11/14/89.
11919 Pacific Highway SW Tacoma, WA	TPCHD-UST	<0.13 miles	Adjacent to the project site, across Bridgeport Way. Five USTs removed 5/9/96. Soil and ground water affected, site not totally cleaned. Groundwater monitoring ongoing.

* Distances are estimated.

Note: These sites were not previously identified in the 1998 DEIS.

Table 3. Reconnaissance Summary of Adjacent Properties in the Project Area with Potential Risk from Hazardous Materials

Site No.	Site Name and Address	Agency Database	Distance and Direction from Site*	Comments
1	Brake Stop 12001 Pacific Highway Tacoma, WA	Not applicable	0.0 miles, southwest of Pacific Highway and Bridgeport Way	Automotive related business.
2	Cars Unlimited 12019 Pacific Highway Tacoma, WA	Not applicable	<0.2 miles, southwest of Pacific Highway and Bridgeport Way	Automotive related business.
3	Ferrell Gas, Inc. Address unknown NE of Thorne Lane and I-5 Tacoma, WA	Not applicable	0.10 miles, northeast of Thorne Lane	Appears to be a propane storage and/or distribution site. Various sizes of tanks were observed from small cylinders, residential, and bulk storage tanks. Concrete foundation also observed.
4	James C. Taylor, Jr. 8304 Spruce Street SW 8314 Spruce Street SW Tacoma, WA 98498	Not applicable	0.0 miles, west of Spruce Street	Two structures observed; a residential home and storage building. Storage area appears to be used for construction/masonry storage. Observed basket-lift, truck, concrete mixing pans, concrete blocks, bricks, metal and wood.
5	Lakewood Auto Body 12126 Pacific Highway Tacoma, WA	Not applicable	<0.2 miles, northwest of Pacific Highway and Bridgeport Way	Automotive related business
6	Lakewood Transmission 12015 Pacific Highway Tacoma, WA	Not applicable	<0.1 miles, southwest of Pacific Highway and Bridgeport Way	Automotive related business.
7	Precision Honda 12007 Pacific Highway Tacoma, WA	Not applicable	<0.1 miles, southwest of Pacific Highway and Bridgeport Way	Automotive related business.

**Table 3. Reconnaissance Summary of Adjacent Properties in the Project Area
with Potential Risk from Hazardous Materials (Continued)**

Site No.	Site Name and Address	Agency Database	Distance and Direction from Site*	Comments
8	Puget Sound Energy Tillicum Substation 14443 Union Avenue SW Tacoma, WA	Not applicable	0.0 miles, west of Spruce Street	Electrical power substation with transformers, potential for PCB contamination
9	Tacoma Country and Golf Club Grounds and Maintenance Facility Address unknown Tacoma, WA	Not applicable	0.0 miles northwest of Gravelly Lake and Burlington Northern Railroad	Observed a maintenance facility with bay doors. An open bay door allowed for observation of a number of containers and 55-gallon drums. Appears to be used for vehicle maintenance for golf course vehicles and carts.
10	Tillicum Dental Lab 14401 Washington Avenue SW Tacoma, WA 98498	Not applicable	0.0 miles, west of Spruce Street	Type of business, a potential for chemical use.
11	Walt's Muffler 12037 Pacific Highway Tacoma, WA	Not applicable	<0.2 miles, southwest of Pacific Highway and Bridgeport Way	Automotive related business.
12	West Coast Industries 12116 Pacific Highway Tacoma, WA	Not applicable	<0.2 miles, northwest of Pacific Highway and Bridgeport Way	Unable to determine nature of business.
13	Quimby Morris 14431 Washington Avenue SW Tacoma, WA 98498	Not applicable	0.01 miles west of Spruce Street	Observed a 55-gallon drum and several smaller chemical containers in yard. Contents could not be determined from road.

* Distances are estimated.

Note: These sites were not previously identified in the 1998 DEIS.