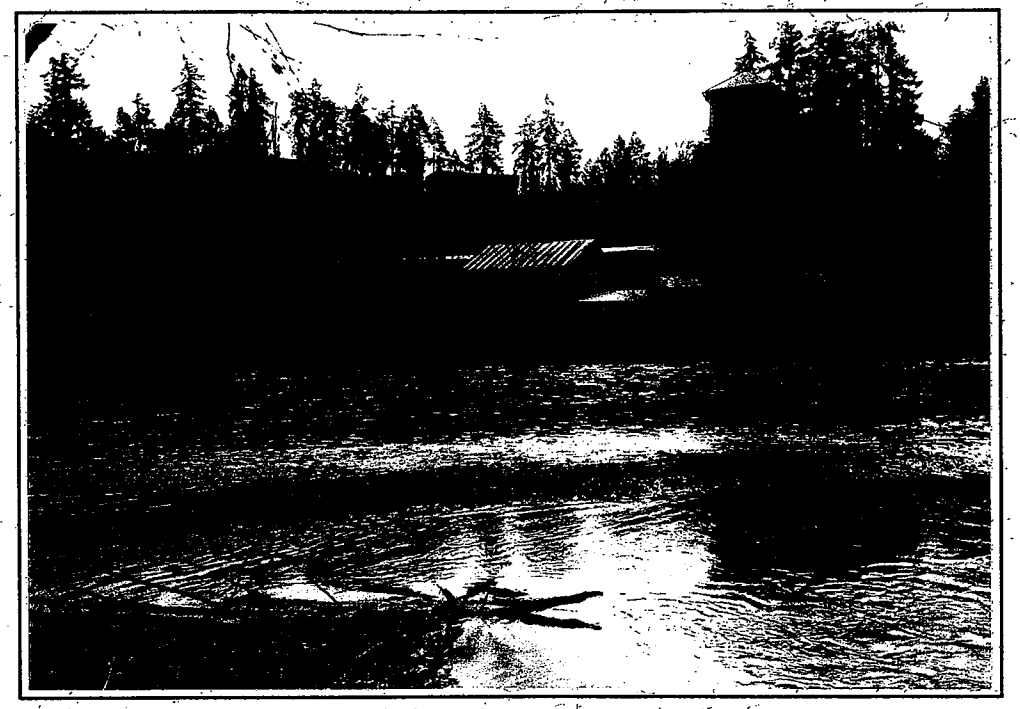
TC-1287-01

PHASE I ENVIRONMENTAL SITE ASSESSMENT
OLD BREWHOUSE
3245 BOSTON STREET S.W.
TUMWATER, WASHINGTON



FEBRUARY1997

Prepared For:

THE CITY OF TUMWATER
555 ISRAEL ROAD S.W.
TUMWATER, WA 98501

TETRA TECH

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February 1997

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1.0 INTRODUCTION

The City of Tumwater contracted with Tetra Tech, Inc. to conduct a Phase I Environmental Site Assessment of the Old Brewhouse property which is located at 3245 Boston Street S.W., in Tumwater, Thurston County, Washington. The subject property contains the Old Brewhouse complex and attached warehouses. This report describes the findings of the investigation in regard to potential environmental impairment of the property due to current or historical activities at or near the property.

The purpose of a Phase I Environmental Site Assessment is to examine a property for contamination that might have arisen from past, current, or surrounding property uses. Tetra Tech's investigation was conducted in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard Practice E 1527-94 for Environmental Site Assessments, and generally accepted industry practices at the time the work was performed.

2.0 SCOPE OF WORK

Tetra Tech's investigation covered several areas. Specific activities included:

- A site inspection to identify possible hazardous waste dumping or contamination, sources for contamination to enter soil or groundwater, such as leaking underground storage tanks (USTs), sumps, or drains; poor housekeeping of hazardous materials; suspected asbestos-containing building materials; and the possible presence of polychlorinated biphenyls (PCBs);

- A review of historical information, including aerial photographs and historical plat maps, and interviews of site personnel who have knowledge of past hazardous materials usage at the subject site; and

- A review of federal, state, regional, and local agency files concerning contamination reported within a one mile radius of the subject property.

3.0 SITE OVERVIEW

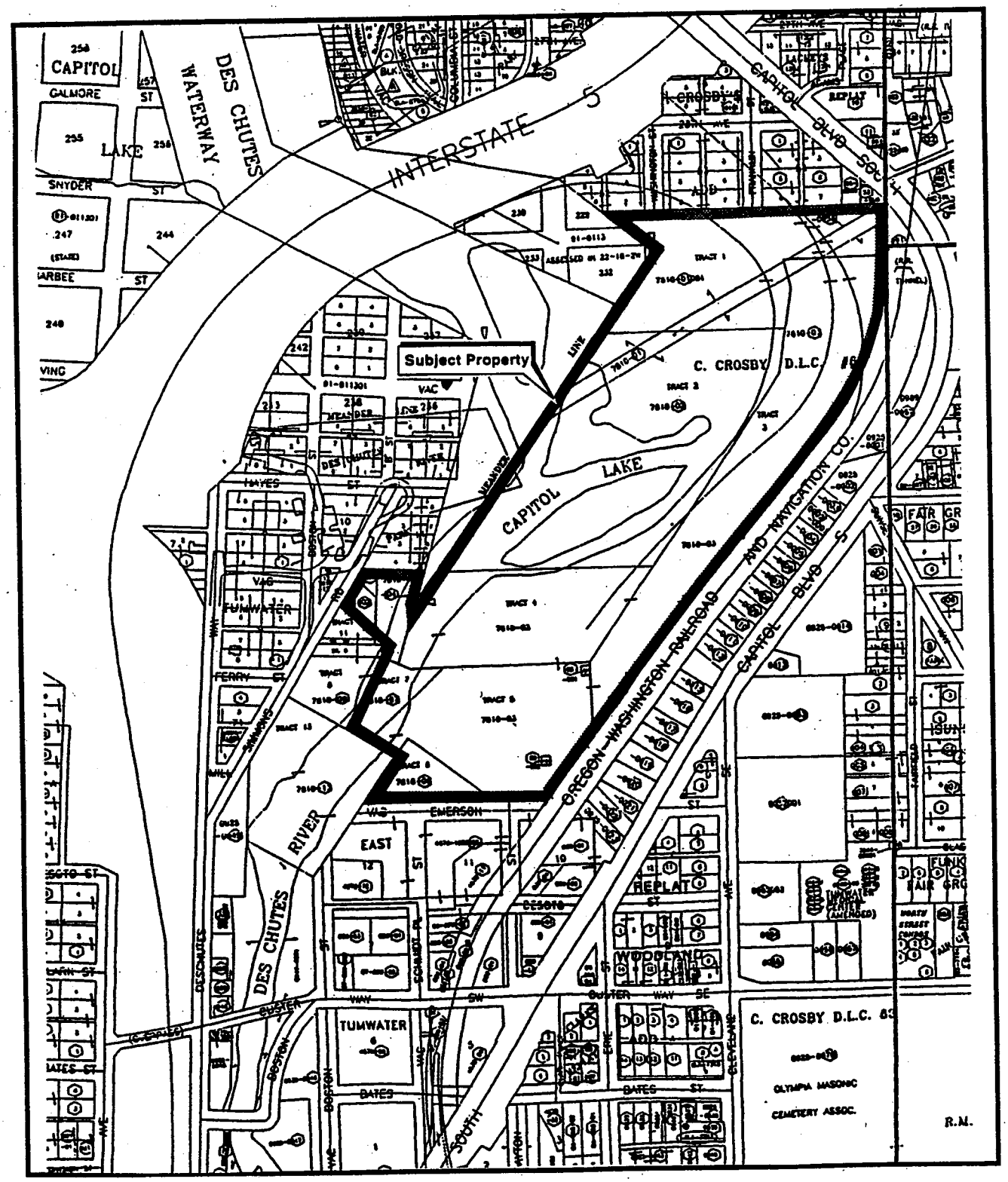
The following section provides an overview of the site and surrounding properties, as well as a description of the subject property.

3.1 LOCATION AND LEGAL DESCRIPTION

The subject property is located along the east shore of Capitol Lake at the mouth of the Deschutes River. The property encompasses seven tracts totaling 34.24 acres, including a portion of Capitol Lake and a right-of-way easement for Puget Sound Power and Light Company (Thurston County Assessor's Office 1997). A plat map of the subject property is provided in Figure 1. The short legal descriptions of the tracts are as follows:

- Tract 1 (5.09 acres - Tax account number 7810-0100100): That portion of Section 26, Township 18 North, Range 2 West of the Willamette Meridian, in the first legal supplemental plat of the Crosby Donation Claim Block 1, less 50 feet of right-of-way, according to Plat recorded in Volume 10, Page 15 of Plat Records of Thurston County, Washington.

- Tract 2 (10.61 acres - Includes Tract Number 2 - Tax account number 7810-0200000): That portion of Section 26, Township 18 North, Range 2 West of the Willamette Meridian, in the first legal supplemental plat of the Crosby Donation Claim Block 2, less 50 feet of right-of-way, less portion of Block 1 to the City of Tumwater, according to Plat recorded in Volume 10, Page 15 of Plat Records of Thurston County, Washington.



Source: THURSTON COUNTY ASSESSOR

Figure 1. Plat Map - Old Brewhouse
Tumwater, Washington

NOT TO SCALE

- Tracts 3, 4, and 5 (16.79 acres - Tax account numbers 7810-0300000 and 7810-0400000): That portion of Section 26, Township 18 North, Range 2 West of the Willamette Meridian, in the first legal supplemental plat of the Crosby Donation Claim Blocks 3, 4, and 5, less railway easement and portion of Block 4 and 30 feet of Block 30; and that portion of Section 26, Township 18 North, Range 2 West of the Willamette Meridian, in the first legal supplemental plat of the Crosby Donation Claim Block 4, commencing at the northwest corner, then south 236 feet and east 23.23 feet toward the northeast, and according to Plat recorded in Volume 10, Page 15 of Plat Records of Thurston County, Washington.

- Tract 6 (0.94 acres - Tax account number 7810-0600000): That portion of Section 26, Township 18 North, Range 2 West of the Willamette Meridian, in the first legal supplemental plat of the Crosby Donation Claim Block 6, less street, according to Plat recorded in Volume 10, Page 15 of Plat Records of Thurston County, Washington.

- Tract 7 (0.81 acres - Tax account number 7810-0700000): That portion of Section 26, Township 18 North, Range 2 West of the Willamette Meridian, in the first legal supplemental plat of the Crosby Donation Claim Block 7, according to Plat recorded in Volume 10, Page 15 of Plat Records of Thurston County, Washington.

- Puget Sound Power and Light Company Easement (Traverses Tracts 1 and 2 - Tax account number 7810-0100000): That portion of Section 26, Township 18 North, Range 2 West of the Willamette Meridian, in the first legal supplemental plat of the Crosby Donation Claim Blocks 1 and 2, a strip 50 feet wide and 1,300 feet long to the City of Tumwater, according to Plat recorded in Volume 10, Page 15 of Plat Records of Thurston County, Washington.

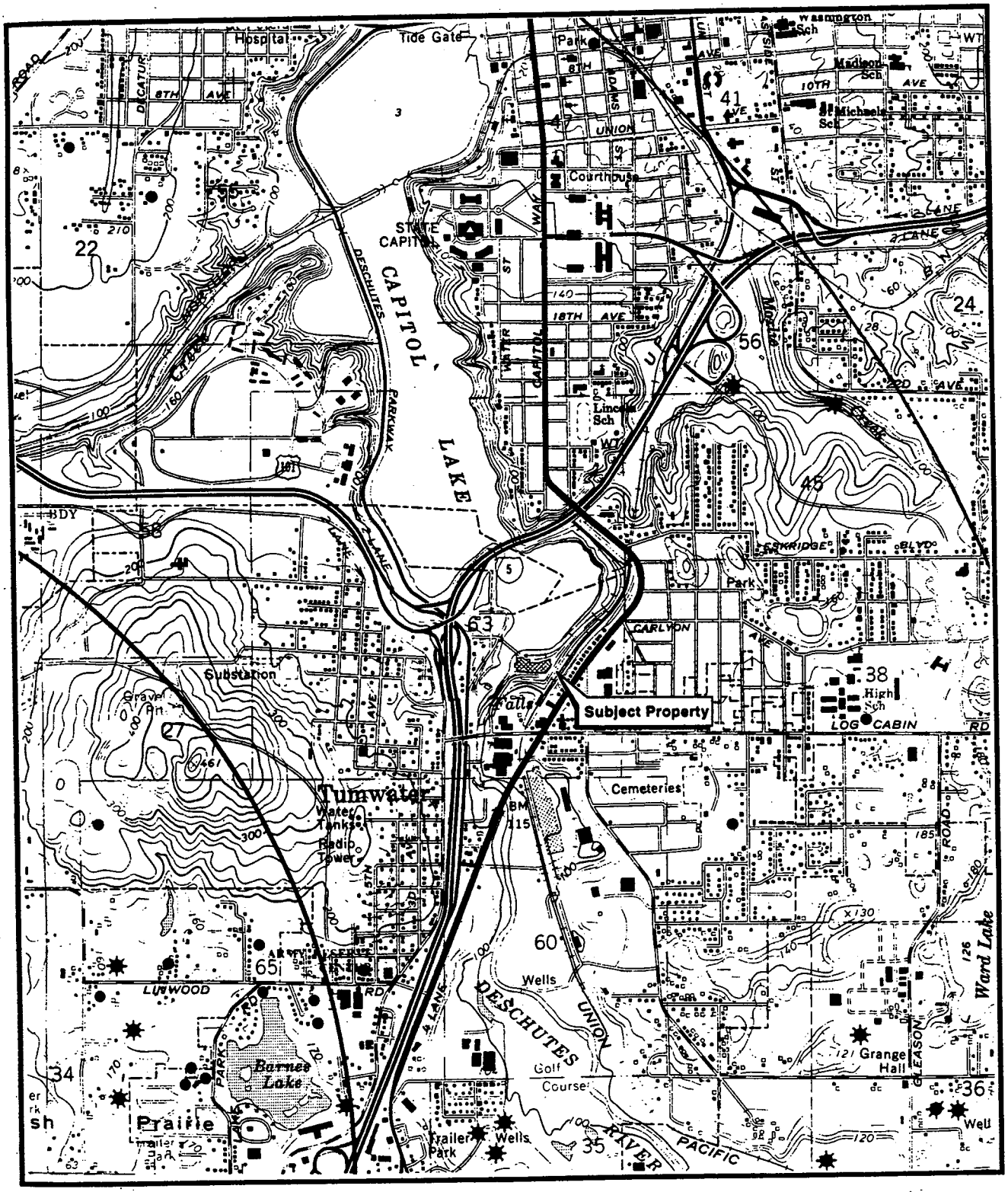
3.2 ADJACENT PROPERTIES

The site is bounded to the west by the Deschutes Basin and the Deschutes River, to the east by a Burlington Northern railroad line, to the south by commercial buildings, and to the north by undeveloped land (Figure 2). The subject property is situated in a Historic/Commercial (HC) Zone District, which encompasses properties along the western and southern shorelines of Capitol Lake. Those properties to the west of the subject site support the Tumwater Historical Park, which is located in the Historic District, and is further bounded by Deschutes Way and Interstate 5. Properties to the north, south, and east support a mix of commercial and residential uses. The subject property is encircled by major traffic arterials, including Interstate 5 and Deschutes Way on the west, Custer Way on the south, Capitol Way on the east and northeast, and the Interstate 5 bridge over Capitol Lake on the north.

3.3 SITE DESCRIPTION

The subject site is located in the area that has been defined as the South Capitol Lake Lowlands, which includes the Old Brewhouse complex and the South Capitol Lake shoreline and marshlands (Hewitt-Isley 1993). The site is a rectangular-shaped property that includes submerged tracts below Capitol Lake and several island marshlands near the shoreline. The L-shaped, exposed portions of the subject property are defined by a large parcel at the south end of the lake and a narrow strip of land that parallels the eastern shoreline of the lake toward the north. The strip of land contains an elevated gravel bed that formerly supported railroad tracks for a spur connection from the main railway line to the brewery warehouse complex.

The abandoned spur road parallels the base of steep bluffs that define the western boundary of the subject property. The road has a locked gate to prevent access by unauthorized vehicular traffic. The existing railroad siding is approximately midway up the sloped hillside. The former spur road gradually gains elevation toward the north until it intersects the main railway line near the north property boundary. The shoreline along Capitol Lake has increasingly steep banks as it rises to meet the spur road elevation. There are outfalls located on the side of the lake that drain surface water from the hillside and the uplands through underground culverts. The hillside is covered with deciduous trees with a thick understory mat of organic debris and swordferns.



Source: USGS TUMWATER, WASH. QUADRANGLE 1981

Figure 2. Site Vicinity Map - Old Brewhouse
Tumwater, Washington

Scale: 1 inch = 2,000 feet

A section of the hillside in the northern portion of the subject site is covered with a layer of opaque polyethylene. The hill slipped in February 1996, and severed a section of the main sewage trunk line that is located in the center of the railroad right-of-way (Davis, S., 10 January 1997, personal communication). The sewer line section was replaced and a portion of the line has been temporarily realigned near the bottom of the hill. The polyethylene sheeting has been placed on the hillside to facilitate soil stabilization and prevent further erosion (Cockrell, N., 13 January 1997, personal communication). The remainder of the steep slopes are covered with deciduous trees and have an understory mat of organic debris and swordferns. The hillside vegetation has sustained recent storm damage, as evidenced from the quantity of sheared tree trunks and limbs strewn on the ground.

A transmission line easement owned by Puget Sound Power and Light Company crosses through the north portion of the property. The easement contains three powerlines that are supported on wooden poles.

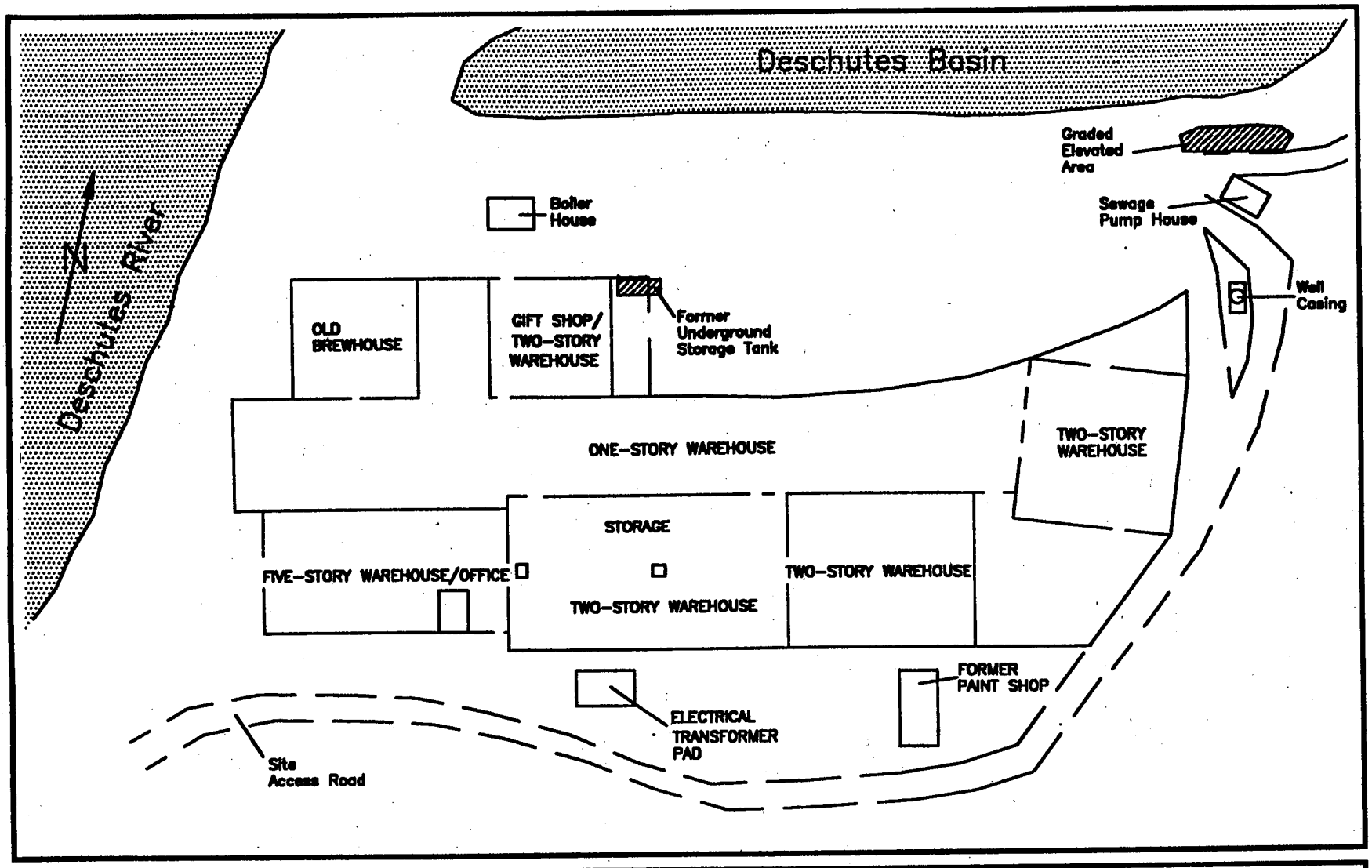
The southern portion of the property is the site of the original Capital Brewery complex and adjoining warehouse additions. The main vehicular access to the subject property and warehouse complex is via a partially paved road that intersects Custer Way from the south. The road loses elevation rapidly as it descends from the uplands on the south to the level graded area that supports the warehouse complex. The graded land surrounding the warehouse is covered with gravel and dirt.

There is a vacant paint shop building located adjacent to the south side of the warehouse, and a boiler room located on the north side of the building. A semi-circle of 6-inch diameter vertical riser pipes are located at the base of the hill to the south of the paint shop building. Each pipe has a welded plate on top that apparently held four lag bolts. A sewage pumping station owned and operated by the City of Tumwater is located at the northeast corner of the warehouse. An elevated, graded mound near the shoreline north of the warehouse was reportedly formed from the deposition of asphalt and road debris by the City of Tumwater from various road construction projects (Barclift, D., 23 January 1997, personal communication). The deposition activities at the site reportedly ceased in the mid-1970s (Huff, J., 23 January 1997, personal communication).

The brewhouse was constructed in 1905, and the original warehouse structure was constructed within approximately around the same time frame. Additions to the warehouse were constructed at various intervals during the next 40 years which collectively represent the current configuration of the brewery complex. A detailed architectural evaluation of the existing structures has been conducted for the City of Tumwater by the firm of Hewitt-Isley in preparation of the "New Market Historic District Master Plan" (Hewitt-Isley 1993). In order to provide a succinct overview of the current building configuration, the warehouse complex will be described as two linear adjoining structures, grouping the various historical buildings into the north warehouse bays and the south warehouse bays. Figure 3 illustrates the configuration of the existing brewery complex with the various additions.

The north warehouse bays consist of a one-story warehouse structure, a two-story storage structure and gift shop, and the five-story original brewhouse. The one-story structure is referred to in the Master Plan as the "infill structure" between the original brewhouse and the original warehouse. The brewhouse adjoins the north bays at the northwest corner of the one-story warehouse. The specific construction date of the one-story warehouse bays are unknown. The warehouse bays rest on concrete pilings that are spanned with a concrete slab. The interior wall that separates the south warehouse bays from the north bays is poured concrete, with entryways to allow access between the bays. The roof of the one-story warehouse is supported by steel columns that support steel roof beams. The exposed corrugated metal roof decking is supported by steel box channels that run perpendicular to the roof beams. The metal roof decking of the north bays is covered with built-up tar and a 45# asbestos cap sheet that is mopped with a 40# flood coat of asphalt (Burk, R., 1 July 1964, personal communication).

The interior areas of the north bays are unheated. However, a boiler was installed in the north bays in 1986 to heat the adjoining two story storage structure, gift shop, and offices (Eckloff, D., 14 January 1997, personal communication). A ceiling-mounted pressure steam vessel, located adjacent to the boiler, has been non-operational since 1986. A 14-inch diameter pipe chase originating from the former boiler building on the north side of the building runs to a pit that is adjacent to the existing boiler. A 4.5-inch diameter steam pipe in the chase that is covered with a 1-inch asbestos insulation material is visible at the end of the pipe chase in the pit. The floors in the north bays are finished concrete. The floors in the offices in the adjoining structure are covered with rolled sheet vinyl.



SOURCE: OLYMPIA BREWING COMPANY

Figure 3. Site Layout - North Warehouse Complex
Tumwater, Washington

The old brewhouse adjoins the north bays at the northwest corner of the one-story warehouse. The brewhouse is in a deteriorated condition, and was locked and not accessible for inspection. The roof has collapsed and the interior has severely dilapidated (Hewitt-Isley 1993). However, during a subsequent site visit the Tetra Tech inspector was able to enter the first floor of the structure. Steam lines were observed near the high ceiling of the brewhouse that were covered and banded with an insulation material that would be suspected to contain asbestos. The general condition of the interior precluded further investigation of the five-story structure.

The south warehouse bays consist of a two-story warehouse structure, the original five-story brewery warehouse, and a five-story office structure. The two-story warehouse structure is constructed of concrete walls and a concrete floor slab that rests on concrete pilings and pier footings. The roof of the first floor is supported by concrete columns that are spanned by poured concrete beams. The concrete floor slab has floor drains that access a shallow drainage tunnel that runs lengthwise under the slab through the building. The floor drains reportedly connect into a storm drain that is located on the northwest side of the building (Eckloff, D., 14 January 1997, personal communication). The second floor of the warehouse structure has a clear span of approximately 20 feet from the floor to the bottom of the steel trusses that support the roof (Hewitt-Isley 1993). The trusses are exposed and form a curved roof.

The original five-story brewery warehouse and office structure adjoin the two-story warehouse structure. The structures are constructed of masonry brick with concrete slab floors. The five-story office structure housed offices on the second and third floors, and storage space on the fourth and fifth floors. The office floors are covered with 9-inch vinyl asbestos tiles glued to the concrete slab. The ceilings are partially covered with glued-on 12-inch acoustical tiles. The walls in the second and third floor office spaces are typically covered with plaster. The storage floors typically have exposed concrete slab floors, exposed brick walls, and wood tongue-and-groove ceilings. The interiors of the offices are lit with fluorescent fixtures.

The interior of the entire warehouse complex was originally heated by an oil-fired boiler plant that is located in a free-standing concrete block structure on the north side of the north bays. The boiler was supplied fuel from an underground storage tank that was buried and located under the northeast corner of the two-story storage and gift shop structure (Olympia Brewing Company 1965, revised 1973). The boiler

was reportedly in operation through the winter of 1985, and was removed from service when the underground fuel supply tank was removed in April 1986 (Eckloff, D., 14 January 1997, personal communication). The small boiler that is presently in use in the north bays was installed in 1986 to heat specific areas. The original boiler plant is insulated with a thick coating of material that would be suspected to contain asbestos. The associated piping systems that are visible, including the pipe that runs through the chase into the present boiler pit, are covered with suspect asbestos-containing insulation.

The paint shop building is located adjacent to the access road on the south side of the warehouse complex. The concrete block structure rests on a concrete slab floor that is currently covered with dirt and gravel. The sloped, corrugated metal roof is supported by steel beams that span the exterior walls. The interior is gutted, and was heated by a ceiling-mounted forced air heater.

An elevated concrete pad, that formerly housed a well, is located at the northeast corner of the warehouse complex. A 14-inch diameter vertical riser pipe with standing water visible is located on the pad. The top of the 14-inch riser pipe is currently unsecured. There are also two 2-inch vertical riser pipes and a 1-inch vertical riser projecting from the pad.

The City of Tumwater owns and maintains a sewage pumping station that is located in a pumphouse located at the northeast corner of the complex. The pumping station is housed in a wood-frame structure that is built on a concrete slab. The station has reportedly been in operation since the 1950s, and the pumphouse has been modified over the years. The interior contains an emergency generator that is supplied diesel fuel from an aboveground 125-gallon storage tank that is located on the north side of the building. The original underground fuel line to the generator reportedly needs to be cleaned out, and has been temporarily replaced with an aboveground fuel line that runs from the tank to the generator. An adjacent concrete slab houses a holding tank in the event of an overflow from the aboveground fuel tank (Huff, J., 23 January 1997, personal communication).

The entire warehouse complex is supplied electrical power from power lines that are supported on wood poles that parallel the access road on the south side of the complex. The power lines to the warehouse complex are directed into six transformers that are located in a fenced enclosure on the south side of the building. The transformers are supported on metal stands that rest on a concrete slab. The transformers

were purchased from Puget Sound Power and Light Company in 1986 (Price, G., 30 September 1986, personal communication). The transformers reportedly were tested by Puget Power and found to be PCB-free (Eckloff, D., 14 January 1997, personal communication). The power lines, supported on wood poles, continue around the warehouse building to the pump station. The pump station is serviced by three pole-mounted transformers.

4.0 SITE HISTORY AND OPERATIONS

The following section provides an overview of the history of the subject property based on available records, interviews, and a historical map review.

4.1 RESULTS OF SITE RECORDS REVIEW AND PERSONNEL INTERVIEWS

The subject property is located in the Tumwater Historic District, which was placed on the National Register of Historic Places in 1975. From 1846 through 1895, the area in which the subject property is located flourished with numerous water driven industries and manufacturers. Two years after the town of Tumwater was platted in 1857, Clanrick Crosby sold the land on the east side of the Deschutes River below the lower falls to James Biles and H. Carter. The Biles and Carter Tannery was established on property that is in the vicinity of the Old Brewhouse. The tannery remained in operation until 1895, at which time the 5-acre property was sold to Leopold Schmidt (Tumwater Historic Program 1995).

Leopold Schmidt obtained water rights to the lower falls as a source of power, and established the Capital Brewing Company on the subject site in 1896. Prior to the construction of the existing structures on the subject site, a series of wooden structures and piers housed the brewery operations between 1896 and 1906. The existing Brewhouse structure was built between 1905 and 1906 (Hewitt-Isley 1993). The brewery closed in 1915 due to Prohibition. However, an assortment of fruit juices and jams were produced at the building until 1921. The Schmidt family sold the property to a company which developed a paper rolling mill on the site. The mill closed shortly after opening in 1929 (Stevenson 1996).

The buildings remained unoccupied until just before World War II, when Metalcraft took over the old brewhouse complex. Metalcraft manufactured metal kitchen cabinets, and equipped the present warehouse complex with machinery, a paint facility, and offices. Metalcraft operated at the facility through the early 1960s, and eventually phased out of business.

Olympia Brewing Company purchased the old brewery buildings in 1964 for use as storage. Pabst Brewing Company purchased the Olympia Brewing Company in 1983, and has since owned and operated the subject property, known collectively as the north warehouse, through the present time.

4.2 RESULTS OF HISTORIC PHOTO, AERIAL PHOTO, PLAT MAP, AND TOPOGRAPHIC MAP REVIEW

A select number of historic photographs of the subject site were available for the years 1896 and 1906, and were reviewed in a book provided to Tetra Tech staff by the City of Tumwater Public Works Department. Findings of the historical photograph review are as follows:

- 1896 - The four-story, wood-frame Capital Brewery structure is shown on the approximate location of the present brewhouse. The support buildings included a small one-story ice house, a five-story cellar building, a residential house, and a bottling and keg plant. The old tannery building was located along the shoreline, adjacent to the west facade of the wood-frame brewhouse.

- 1906 - The present five-story brewhouse is shown with adjoining storage sheds and a cooperage. The Northern Pacific Railroad had extended a spur line that ran past the brewhouse across the Deschutes River on a railroad bridge.

Aerial photographs of the subject site were available for the year 1961, late 1960s, 1983, and 1992, which were reviewed by Tetra Tech staff at the Old Brewhouse facility (1961 and late 1960s), and at the City of Tumwater Public Works Department. Findings of the aerial photograph review are provided as follows:

- 1961 - Metalcraft operated a kitchen cabinet manufacturing facility at this location. The warehouse complex is shown with two railroad spurs that are located on the north side of the building. One of the spurs stops at a loading dock, and the other spur ends before a bridge at the northwest corner of the property that crosses the Deschutes River. There is an access road on the south side of the facility that leads to a parking area. There is no

vehicular access around the east side of the building. Vehicles approach the facility from a bridge (formerly a railway line) that crosses the river. Support structures that are shown include the boiler house, the pump station, a well house (now demolished), and the paint mixing building on the south side of the building. A former paint tunnel structure is shown at the southeast corner of the building. The paint tunnel is a U-shaped structure that connects to the south facade of the warehouse building. The paint tunnel reportedly housed a conveyor-like assembly that moved the freshly painted metal cabinets from the paint mixing building through a drying process, and back into the main warehouse (Barnes, M., 14 January 1997, personal communication). The openings into the warehouse from the former paint tunnel are presently filled with concrete blocks.

- Late 1960s - The Interstate 5 freeway overpass over Capitol Lake has been constructed and is open to traffic. The former vehicle bridge into the facility is shown. The paint tunnel structure is gone, and there is now vehicular access around the east side of the building from the access road. A single railroad spur ends alongside the warehouse. There is a large graded clearing along the east shoreline between the pump station and the lake.

- 1983 - The bridge across the Deschutes River is gone. There is vehicle parking along the south and north sides of the warehouse.

- 1992 - The present site configuration is shown. The north side of the building shows a graded area that is used for loading trucks and vehicular access. The railroad no longer has a spur line running to the warehouse.

Historical plat maps by Metsker were available for the years 1929, 1948, 1962, 1973, and 1985, and were reviewed at the Washington State Public Library in Olympia, Washington. The results of this review are provided as follows:

- 1929 - The site is shown as unplatted. The site is bounded by the Deschutes Waterway to the west, and the O.W.R. & N. Railway to the east. Capitol Way is the only paved main arterial road that runs north to south.

- 1948 - The property is shown as unplatted. Major arterials have been constructed in the vicinity of the property, including North Street near the southern boundary.

- 1962 and 1973 - Interstate 5 crosses the Deschutes Waterway in the vicinity of the northern property boundary. The Olympia Brewery Company owns property to the south of the subject site.

- 1985 - A park and boat launch are shown along the west bank of Capitol Lake (Deschutes Basin). Tracts 1 through 6 are shown along the east side of the basin. Pabst Brewing Company is shown as a major property owner to the south.

A topographic map was available for the year 1959, photorevised 1981, and was reviewed by Tetra Tech staff at the Washington State Public Library in Olympia, Washington. The results of this review are provided as follows:

- 1959 (photorevised 1981) - The warehouse facility is shown as a large structure. The boiler house is also shown on the north side of the building. Two railroad spurs are shown on the north side. One ends alongside the warehouse, and the other ends before a bridge that crosses the waterway.

5.0 ENVIRONMENTAL SETTING

The following section provides an overview of the environmental setting at the subject property.

5.1 REGIONAL PHYSIOGRAPHY

The subject property is located in the City of Tumwater on the east shore of the Deschutes River and Deschutes Basin, which flows into Capitol Lake. The property is bounded to the east and to the south by steep slopes that form the surrounding uplands. A photographic contour map of the site vicinity indicates that elevations near the shoreline at the site range from a low of approximately 10 feet above mean sea level in the north gravel parking area to a high of approximately 40 feet above mean sea level at the north boundary along the abandoned railroad spur. The elevations along the eastern boundary that parallels the railroad right-of-way rise steeply to approximately 80 feet above mean sea level (Smith and Associates, Inc. 1992).

5.2 SOIL CONDITIONS

Soils for Thurston County were surveyed in 1982 with the results published in 1990. The survey has identified the soil series on the steep slopes as Dystric Xerochrepts, 60 to 90 percent slopes, and the soil series on the level area around the warehouse complex as Puyallup silt loam.

The Dystric Xerochrepts soils formed in glacial till and colluvium, and are moderately deep to very deep and well drained. The surface is typically covered with a mat of leaves and twigs about 2 inches thick. The surface layer is brown very gravelly sandy loam about 4 inches thick. The subsoil is yellowish brown very gravelly sandy loam about 26 inches thick. The substratum to a depth of 60 inches or more is compact glacial till.

Permeability is reported to be moderate above the dense glacial till in this soil series, and very slow through the till. Available water capacity is low or moderate. Surface water runoff is rapid, and the hazard of water erosion is severe. A high water table is listed as ranging in depths greater than 6 feet below ground surface (U.S. Department of Agriculture 1990).

The Puyallup silt loam series is a deep, well drained soil found on flood plains with 0 to 3 percent slopes. The typical surface layer is very dark grayish brown silt loam about 10 inches thick, and the lower part is dark brown loamy fine sand and fine sandy loam about 9 inches thick. The substratum to a depth of 60 inches or more is very dark gray sand.

Permeability is reported to be moderately rapid in this soil series. The available water capacity is moderate. Runoff is slow, and the hazard of water erosion is slight. A seasonal high water table is listed as being present from November to April ranging in depths greater than 6 feet below the ground surface (U.S. Department of Agriculture 1990).

5.3 GROUNDWATER CONDITIONS

A Phase II site investigation conducted concurrently with this assessment recorded groundwater in the vicinity of the warehouse facility at an average depth of approximately 5 feet below ground surface. An accurate determination of the depth to groundwater and direction of groundwater flow would require measuring the depth of groundwater at three locations in the vicinity of the site. Typically, the groundwater surface in an unconfined aquifer (water table) will mimic local topography, and groundwater will flow toward topographic lows. By applying this geological interpretation to local site topography obtained from the photographic contour map, the estimated direction of shallow groundwater flow beneath the subject site would be anticipated to be toward the north and northwest toward the Deschutes River and Deschutes Basin.

6.0 RESULTS OF INVESTIGATION

The following section provides an overview of the findings of the site inspection and the regulatory agency file review for the subject property.

6.1 SITE INSPECTION OBSERVATIONS

Harry Goren, a Tetra Tech environmental scientist trained to perform environmental assessments, inspected the subject property on January 8 and 14, 1997. During the site inspections, Tetra Tech assessed the existing environmental conditions of the property and surrounding vicinity for environmental impairment resulting from hazardous materials or waste. Areas of concern which were inspected included the existence of USTs, hazardous chemicals used onsite, storage of hazardous materials and hazardous waste, improper disposal of hazardous substances, and the presence of PCBs and asbestos-containing materials. Appendix A includes photographic documentation of the site inspection.

The subject property consists of seven contiguous parcels totaling 34.24 acres, which includes a portion of Capitol Lake and a right-of-way easement for a transmission powerline. The southern portion of the property is the site of the original Capital Brewing Company brewhouse and adjacent warehouse complex, which was constructed between 1905 and 1906. Warehouse additions were constructed at different phases over the next 40 years which form the present configuration of the brewery complex.

A portion of the shoreline adjacent to the gravel parking area on the north side of the complex is fenced off and has a warning sign that states of a temporary health advisory to avoid harvesting shellfish at that location. The fence and warning sign are the remains of a sewage spill that occurred in February 1996 after a slide ruptured a section of the main sewer line present in the center of the railroad right-of-way. The health advisory is no longer applicable, but the fencing and sign have not been removed (Davis, S.,

10 January 1997, personal communication). A light sheen was observed in the water along a localized portion of the shoreline, however, there was no evidence of soil staining or seepage from the bank.

The 6-inch diameter vertical pipes that are located at the base of the hill near the paint building have not supported a structure since at least 1969. The specific function of the pipes is unknown, but they reportedly could have been the support for a water tank (Barnes, M., 14 January 1997, personal communication).

Underground Storage Tanks. The interior of the warehouse complex was originally heated by an oil-fired boiler that was supplied fuel from an estimated 20,000-gallon underground storage tank located on the north side of the warehouse complex. The tank was decommissioned and removed in April 1986, as was documented in a series of photographs taken during the removal. There was reportedly no evidence of stained soils or sheen observed in the tank excavation at that time (Eckloff, D., 14 January 1997, personal communication). The Tetra Tech inspector did not observe surface soil staining in the immediate vicinity of the former underground tank during the site inspection.

Aboveground Storage Tanks. An aboveground storage tank was installed in February 1995 to service the emergency generator located in the sewage pumphouse structure. The tank is connected to the generator via a temporary hose fuel line that is secured to the interior of the tank by a cloth rag that is stuffed into the fill opening. The tank was originally equipped with a locking fill cap, but the cap reportedly cannot be used without crimping the hose line (Huff, J., 18 February 1997, personal communication). The emergency overflow holding tank that is located on an adjacent concrete slab appeared to be partially full of water.

PCBs. The warehouse complex is serviced by six transformers that are located in a fenced enclosure on the south side of the building. The transformers were purchased used from the Puget Sound Power and Light Company in September 1986 (Puget Sound Power & Light Company 1986). The transformers reportedly were tested prior to their sale and found to free of PCBs (Eckloff, D., 14 January 1997, personal communication).

Three pole-mounted transformers were observed that serviced the pump station. The transformers did not have labels affixed to the covers regarding PCB presence or absence. No oil leaks were observed from the transformer covers or on the surface soils beneath the transformers. However, one of the transformers had rust streaks down the side of the cover.

The interior of the warehouse complex contains fluorescent light fixtures that have been installed at various intervals. The original 5-story office structure contains some typical fluorescent fixtures that have been disassembled with exposed ballasts. The ballasts do not have labels attached that indicate they are PCB-free. The fluorescent fixtures in the north warehouse bays were rearranged and rehung in 1972, and any defective ballasts were replaced at that time (Kammeyer, L., 14 September 1972, personal communication).

Asbestos-Containing Materials. The warehouse complex was constructed in phases from 1905 through at least the 1940s, with various interior modifications at later dates. The construction date of the free-standing boiler house is unknown, but the structure was probably constructed prior to World War II to service a kitchen cabinet manufacturing operation that was housed in the warehouse complex at that time. The potential for finding building materials that contain asbestos exists in structures constructed before the early 1980s. An eye level, non-invasive walk-through of the structures revealed a number of building materials that would be suspected to test positive for asbestos, including, but not limited to the following:

<u>Brewhouse:</u>

- The steam lines near the high ceiling were covered with an insulation material that would be suspected to contain asbestos. Limited access to the structure precluded further investigation.

<u>Warehouse Complex:</u>

- The five-story office structure adjacent to the south warehouse bays contains 9-inch vinyl floor tiles and mastic found on the second and third floors;

- The sheet vinyl flooring found in the office area next to the gift shop;

- The insulated piping from the boiler house that runs through the pipe chase into the boiler pit in the north warehouse bay; and

- The asphalt roofing material and tar surfacing over the single story north warehouse bays. An estimate from 1964 to re-roof the single story structure recommended a 45# asbestos cap sheet nailed and mopped with a 40# flood coat of asphalt (Burk, R., 1 July 1964, personal communication).

The 9-inch floor tiles found in the former offices are in poor condition and are delaminating from the substrate due to water damage. The sheet vinyl flooring in the office area near the gift shop is in poor condition and is delaminating from the wood substrate. The insulation around the boiler pipe that is visible through the pipe chase appears to be in good condition. However, the ends of the insulation are exposed at the face of the pipe chase. The built-up roof of the single story structure appears to be intact and in good condition.

Boiler House:

- The boiler and associated piping are covered with a thick insulation blanket of magnesium silicate which historically has tested positive for asbestos. The insulation material is in fair condition but is susceptible to further deterioration.

6.2 PROJECT VICINITY

The Tetra Tech inspector observed land uses and operations in the vicinity of the subject site. No evidence of improper hazardous materials use, storage, handling, or disposal practices was observed in a drive-by inspection of surrounding sites. Additional information concerning improper hazardous materials, use, storage, handling, or disposal practices at this or adjacent sites was obtained through a regulatory records search and is presented below.

6.3 RESULTS OF REGULATORY AGENCY DATABASE SEARCH

Vista Information Solutions, Inc., a Tetra Tech subcontractor, searched lists compiled by the U.S. Environmental Protection Agency (U.S. EPA) and the Washington State Department of Ecology (Ecology) for sites within a specified radius of the subject property which have had unauthorized releases of hazardous materials or hazardous waste. Government databases were searched in accordance with the specified ASTM Standard E 1527-94 search distances. Tetra Tech reviewed selected agency files of sites adjacent to the subject property, emphasizing known locations in a direction which is suspected to be upgradient of the subject property that have had records of complaints or cleanup orders on file.

The following sources were searched for sites which may have had an unauthorized release of hazardous materials:

- *National Priorities List (NPL).* U.S. EPA maintains this list under the Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA). Those CERCLIS sites which pose the greatest potential risk to human health and the environment are added to the NPL.

- *Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS).* A database of sites identified by the U.S. EPA as abandoned, inactive, or uncontrolled hazardous waste sites which may require cleanup.

- *Resource Conservation and Recovery Information System (RCRIS).* RCRIS includes selective information compiled by U.S. EPA on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

- *Emergency Response Notification System (ERNS).* U.S. EPA maintains the ERNS records and stores information on reported releases of oil and hazardous substances.

- *State Hazardous Waste Sites (SHWS).* The Washington State Department of Ecology publishes the Confirmed & Suspected Contaminated Sites Report. State hazardous waste site records are the state's equivalent to CERCLIS. Priority sites planned for cleanup using state funds are identified along with sites where cleanup will be paid for by potentially responsible parties.

- *Leaking Underground Storage Tanks (LUST).* Each of the Washington State Department of Ecology Regional offices maintains an inventory of reported leaking underground storage tank incidents.

- *Solid Waste Facilities/Landfill Sites (SWF/LS).* The Washington State Department of Ecology headquarters office maintains a list of solid waste landfills, including the name and address, type of landfill, and if it is a permitted facility.

- *Underground Storage Tanks (UST).* Each of the Washington State Department of Ecology Regional offices maintains a list of registered underground storage tanks.

6.3.1 U.S. Environmental Protection Agency Lists

In accordance with the ASTM Standard E 1527-94 minimum search distances, there were no listings of sites within a one-mile radius of the subject property of NPL or RCRA transporters, storage, or disposal facilities. There were no CERCLIS sites listed within a 1/2 mile radius, and no RCRA generators or ERNS listings on adjoining properties or the subject property.

6.3.2 Washington State Department of Ecology Records

In accordance with the ASTM Standard E 1527-94 minimum search distances, there was one site listed within a one-mile radius of the subject property on the Confirmed and Suspected Contaminated Sites Report. There were no sites on the Solid Waste Facilities list within 1/2 mile of the subject property, and

no sites on the Registered Underground Storage Tanks list on the subject property or adjoining properties. There were four sites listed on the Leaking Underground Storage Tanks (LUST) List that are located within 1/2 mile of the subject property.

6.3.2.1 Confirmed and Suspected Contaminated Sites. The City of Tumwater Public Works Department at 517 West Bates is listed as having a release of an unknown quantity of metals, pesticides, petroleum products, non-halogenated solvents, and polynuclear aromatic hydrocarbons (PAH) to groundwater and soils. An independent remedial action has been conducted, and Ecology has received a release report. This site is not anticipated to have an impact on the subject property because of its location across both the Deschutes River and Interstate 5 from the subject property.

6.3.2.2 Leaking Underground Storage Tanks. There were four sites found on the Leaking Underground Storage Tanks list with 1/2 mile of the subject property. Two of the sites within 1/4 mile of the subject property have had a remedial cleanup conducted, and Ecology has received a final independent cleanup action report. The third site has had a remedial cleanup conducted, and Ecology is awaiting the final cleanup report. The status of the fourth site is unknown from the information provided. None of these sites are expected to have had an impact on the subject property because two of the closest sites had a release that was limited to localized soils, and the other two sites are located across both the Deschutes River and Interstate 5 from the subject property.

6.4 SYNOPSIS OF RESULTS OF PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Tetra Tech found no record of previous environmental investigations of the subject property.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Old Brewhouse and Warehouse Complex, located in Tumwater, Thurston County, Washington was assessed for potential environmental risks associated with historic and surrounding land uses. The following conclusions and recommendations regarding the findings of the Phase I Environmental Site Assessment (ESA) have been developed with the understanding that a Phase II ESA is being conducted concurrently. A summary of the findings of the site assessment are provided as follows:

- An eye-level, non-invasive walk-through of the warehouse complex and boiler house were conducted to identify the presence of building materials that have historically tested positive for asbestos. Based on the walk-through, several building materials were identified that historically have tested positive for asbestos, as outlined in Section 6.1, Site Inspection Observations of Asbestos-Containing Materials. A conclusive asbestos survey report of the structures is required to be available to all contractors that disturb asbestos-containing materials prior to a destructive renovation or demolition of the structure.

- Tetra Tech was provided a series of photographs that documented the removal of the underground storage tank that was in use at the site prior to early 1986. The Washington State Department of Ecology required registration of underground storage tanks as of May 1986. Therefore, the time-frame of the tank removal did not necessitate that formal closure documents be submitted to Ecology. It is recommended that subsurface soil sampling be conducted in the vicinity of the former location of the underground storage tank to conclusively identify the absence or presence of a release. No other underground storage tanks were discovered on the property during the site inspection.

- A light sheen was observed on the water along a portion of the shoreline of the Deschutes Basin near the gravel parking lot on the north side of the site. However, no evidence of

soil staining or seepage was observed along the bank of the lake. No other signs of contamination, such as stressed vegetation or poor housekeeping practices, were observed within the property boundaries during the site inspection.

- No environmental liens against the property were reported by the owner.

- No active or inactive landfills are located within one mile of the subject property.

- No evidence of the unauthorized release of pollutants to the airborne environment was found during the site inspection.

- No other problematic environmental conditions were detected at the subject site during the course of this assessment. No other problematic environmental conditions were detected at adjacent properties within a one-mile radius of the sites which could potentially affect the subject site.

- The used transformers that were purchased from Puget Sound Power and Light Company in 1986 reportedly tested negative for the presence of PCBs. It is recommended that Pabst Brewing Company provide corroborating documentation, either from Puget Sound Power and Light Company or the laboratory that conducted the testing, that confirms the absence of PCBs from the transformers. In the event that these transformers are determined to contain PCBs, or in the absence of supporting documentation regarding PCB content, the current transformer storage area would not be in compliance with the requirements of the Toxics Substance Control Act (40 CFR 761).

- Based on regulatory review and other pertinent information gathered during the site assessment, it is recommended that a subsurface soils investigation be conducted in the vicinity of the former underground fuel storage tank to conclusively identify the absence or presence of a release.

8.0 LIMITATIONS

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information which is in the public domain. The conclusions and recommendations herein are based solely on the information Tetra Tech obtained in compiling the report and is on file at Tetra Tech's Redmond, Washington Office. Tetra Tech makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards which could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of client's obligations under local, state, or federal laws or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

We appreciate the opportunity to work with you on this project. If you have any questions concerning the findings and conclusions contained in this report, please contact either me or Jerry Portele at (206) 883-1912.

Sincerely,

Harry Goren
Environmental Planner
Hazardous Materials Management

Gerald Portele
Director
Hazardous Materials Management

9.0 REFERENCES

9.1 PUBLISHED REFERENCES

Hewitt-Isley. 1993. New Market Historic District Master Plan. Prepared for the City of Tumwater Department of Community and Economic Development. Hewitt-Isley, Seattle, WA.

Metsker's Thurston County Atlas. 1929. Charles F. Metsker, 930-1/2 Pacific Avenue, Tacoma, Wash. p.14.

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Metsker's Thurston County Atlas. 1962. Charles F. Metsker, 930-1/2 Pacific Avenue, Tacoma, Wash. p.18.

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Photo of Old Brewhouse Complex. 1961. In second floor office in old Credit Union in original warehouse. Tumwater, WA.

Photo of Old Brewhouse Complex. Late 1960s. In second floor office in old Credit Union in original warehouse. Tumwater, WA.

Photo of Old Brewhouse Complex. 1983. Aerial photo of Section 26, Township 18 North, Range 2 West. City of Tumwater Public Works Department, Tumwater, WA.

Photo of Old Brewhouse Complex. 1992. Aerial photo of Section 26, Township 18 North, Range 2 West. No. 53.217-1132. City of Tumwater Public Works Department, Tumwater, WA.

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9.2 RECORD OF PERSONAL COMMUNICATIONS

Barclift, D. 23 January 1997. Personal Communication (telephone by Harry Goren). Superindentent of Public Works, City of Tumwater, WA.

Barnes, M. 14 January 1997. Personal Communication (discussion with Harry Goren). North Warehouse, Pabst Brewing Company, Olympia, WA.

Burk, R. 1 July 1964. Personal Communication (letter estimate to Olympia Brewing Company for roof replacement on the one-story warehouse). Western Heating and Sheet Metal, Inc., Olympia, WA.

Cockrell, N. 13 January 1997. Personal Communication (telephone by Harry Goren). Thurston County Division of Facilities, Olympia, WA.

Davis, S. 10 January 1997. Personal Communication (telephone by Harry Goren). Thurston County Surface Water Division, Olympia, WA.

Eckloff, D. 14 January 1997. Personal Communication (discussion with Harry Goren). Plant Engineer, Pabst Brewing Company, Olympia, WA.

Huff, J. 18 January 1997. Personal Communication (telephone by Harry Goren). City of Tumwater Public Works, Tumwater, WA.

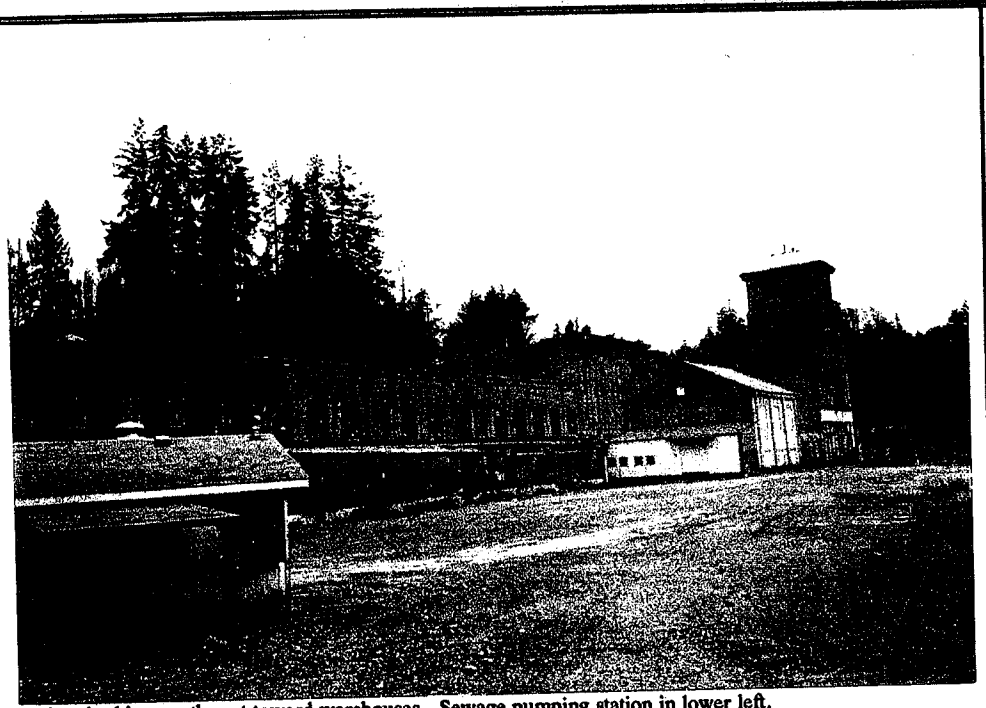
Huff, J. 23 January 1997. Personal Communication (telephone by Harry Goren). City of Tumwater Public Works, Tumwater, WA.

Kammeyer, L. 14 September 1972. Personal Communication (letter to Olympia Brewing Company Engineering Department regarding estimate to rehang and replace lights in north warehouse). Kammeyer Electrical Company, Olympia, WA.

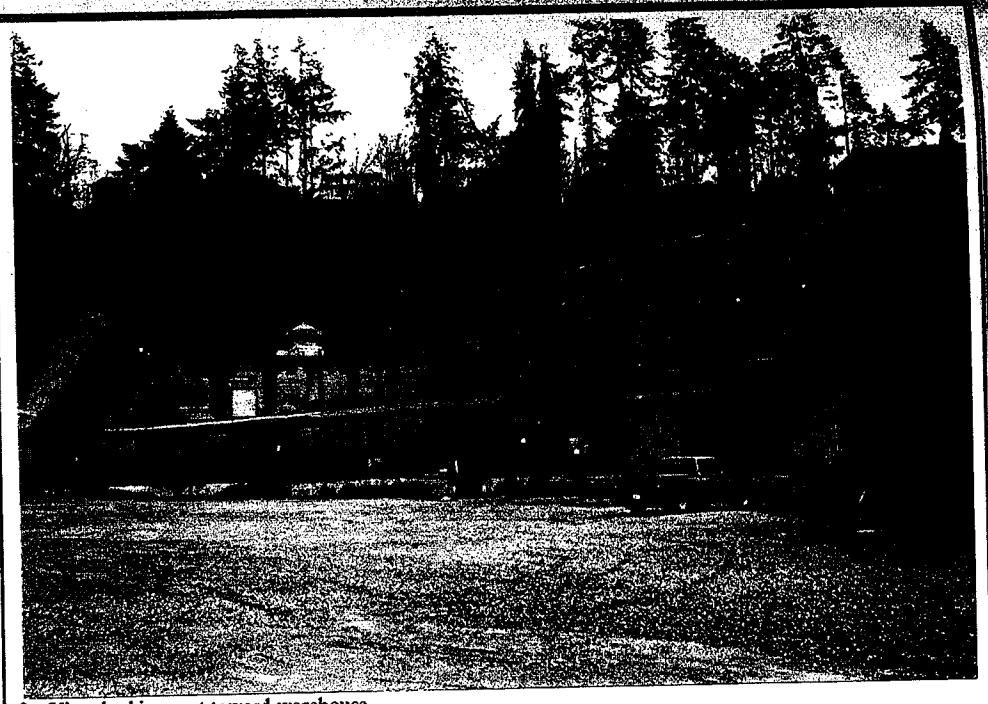
Price, G. 30 September 1986. Personal Communication (letter to Don Eckloff of Pabst Brewing Company acknowledging receipt of purchase of transformers). Puget Sound Power and Light Company, Olympia, WA.

APPENDIX A

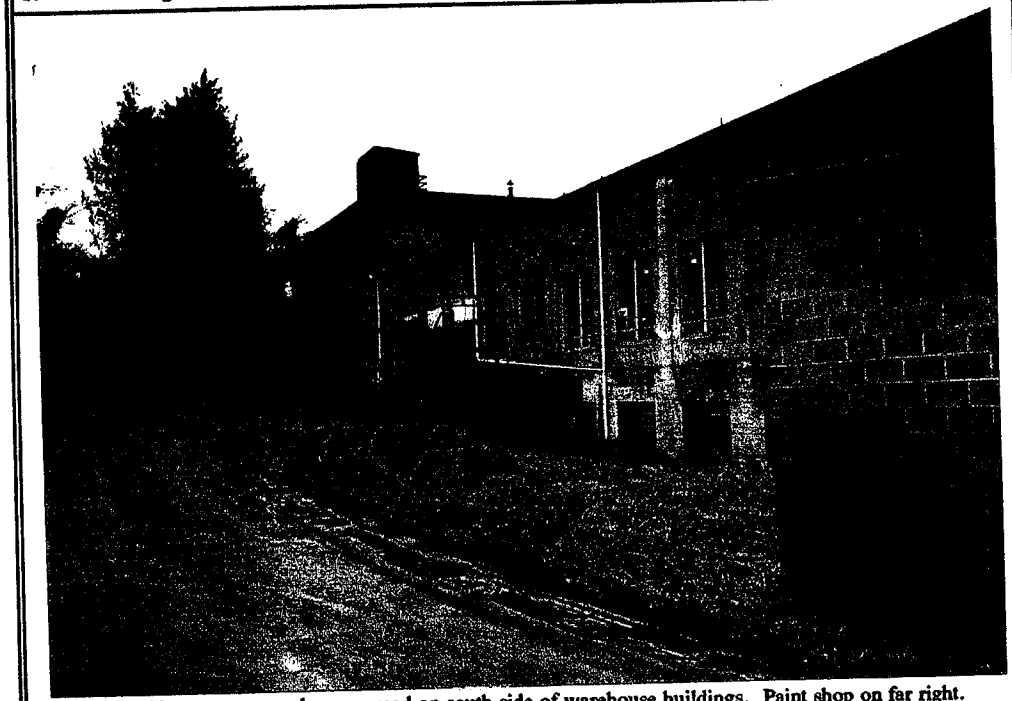
PHOTOGRAPHS



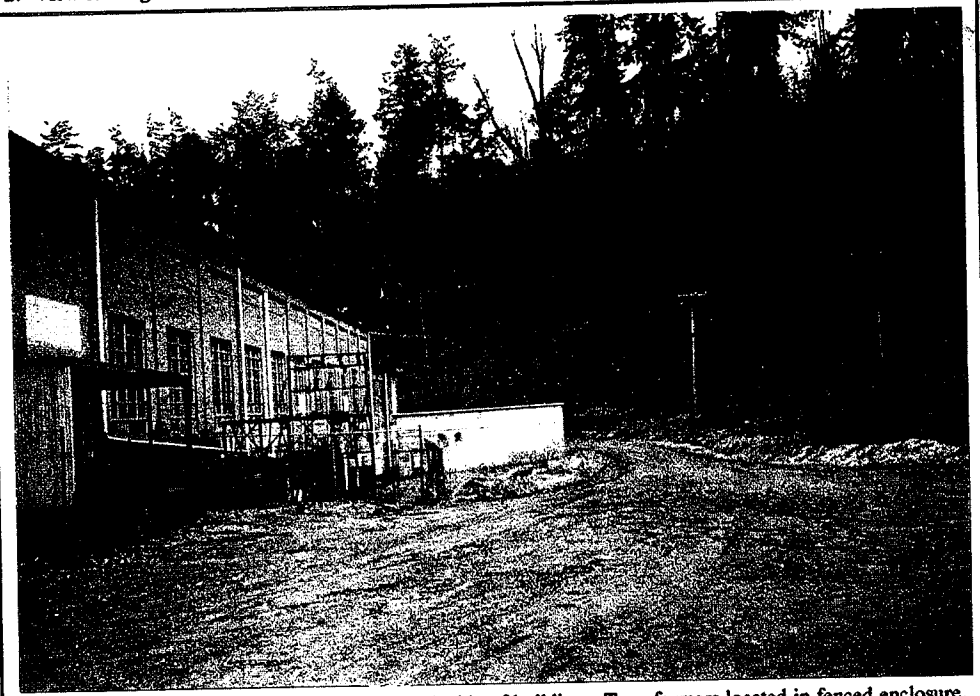
1. View looking southwest toward warehouses. Sewage pumping station in lower left.



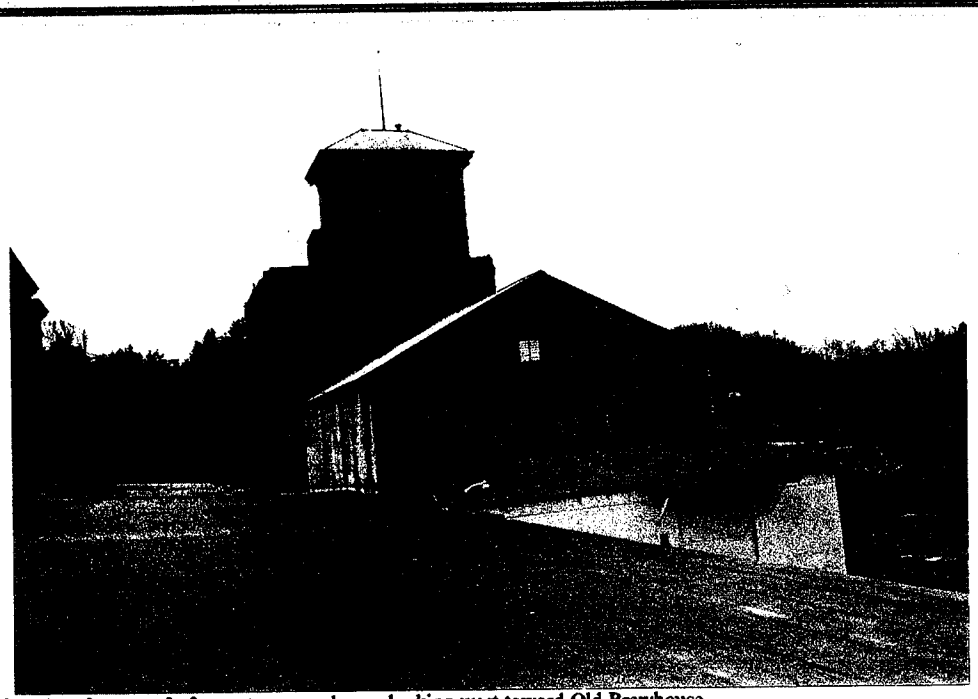
2. View looking east toward warehouse.



3. View looking west toward access road on south side of warehouse buildings. Paint shop on far right.



4. View looking east down access road on south side of building. Transformers located in fenced enclosure.



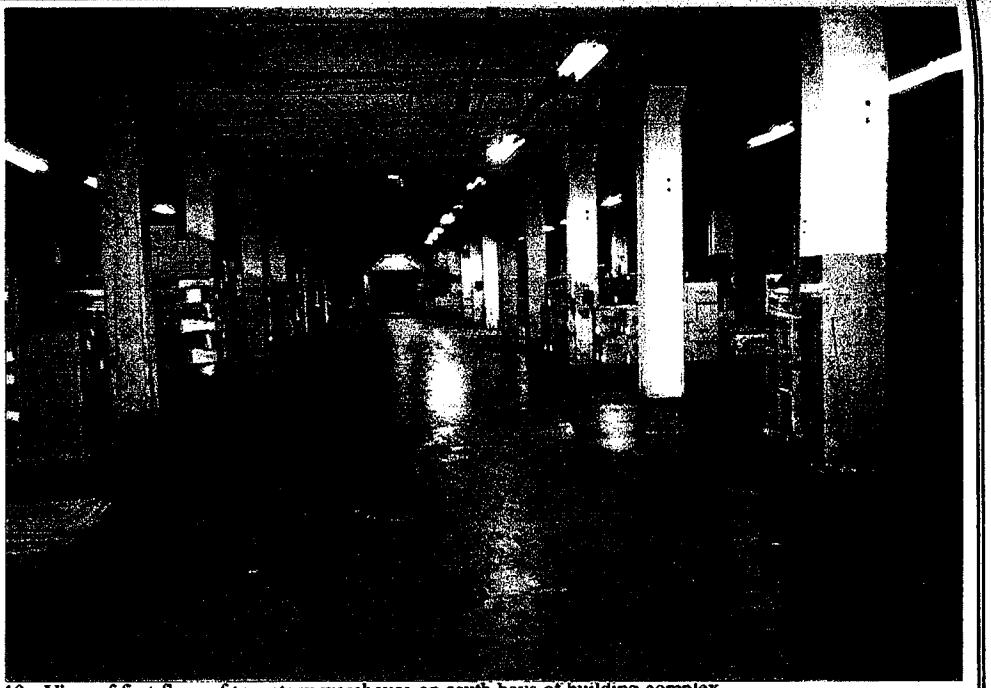
5. View from roof of one-story warehouse looking west toward Old Brewhouse.

6. View from roof of one-story warehouse looking east. Built-up roof suspected to contain asbestos.

7. View looking west toward two-story gift shop/warehouse and Old Brewhouse. Boiler house on right.

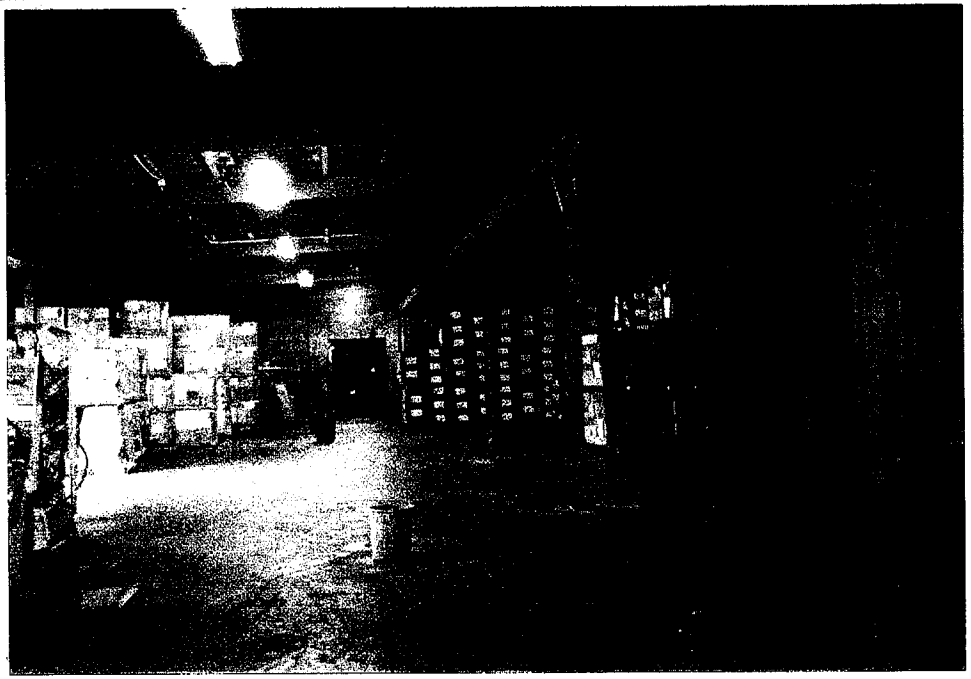
8. View looking south at five-story Old Brewhouse.

9. View inside second floor warehouse on south bays of building complex.



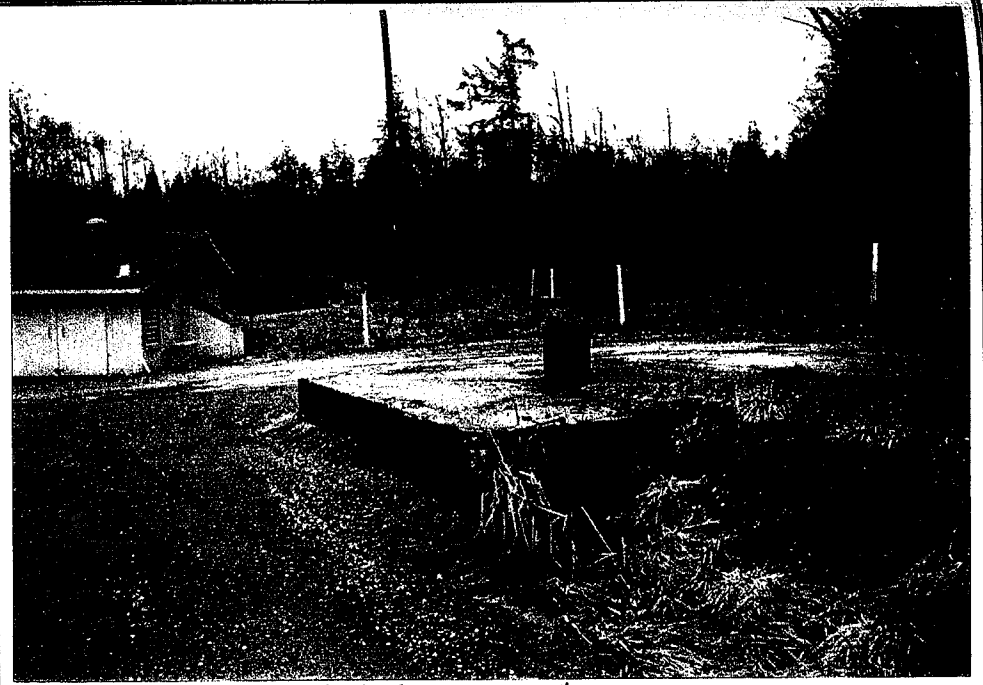
10. View of first floor of two-story warehouse on south bays of building complex.

11. View of office on second floor of five-story west addition. 9-inch asbestos tiles on floors throughout.

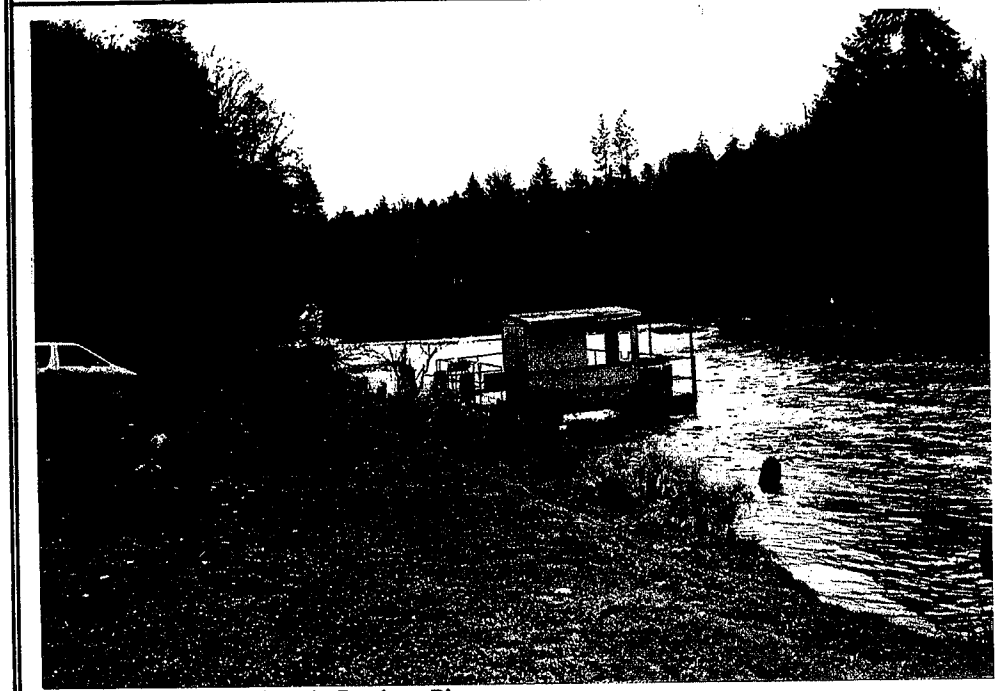


12. View of interior of one-story warehouse on north bays of building complex.

13. View from one-story roof looking northeast toward sewage pump station. Graded debris area to the left.



14. View looking north toward well pad and sewage pump station.

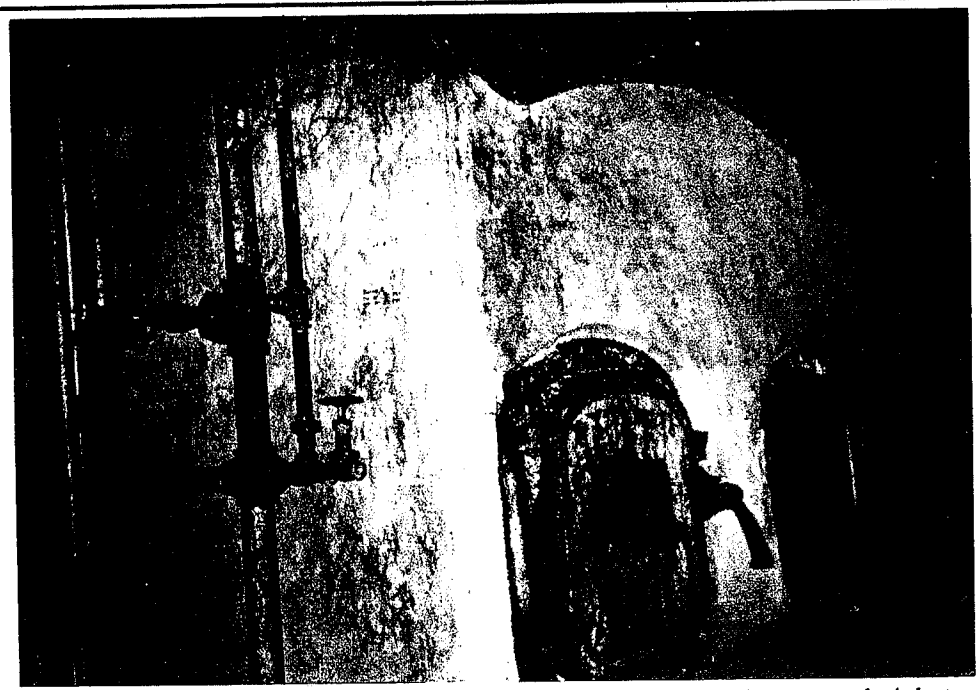


15. View looking south along the Deschutes River.

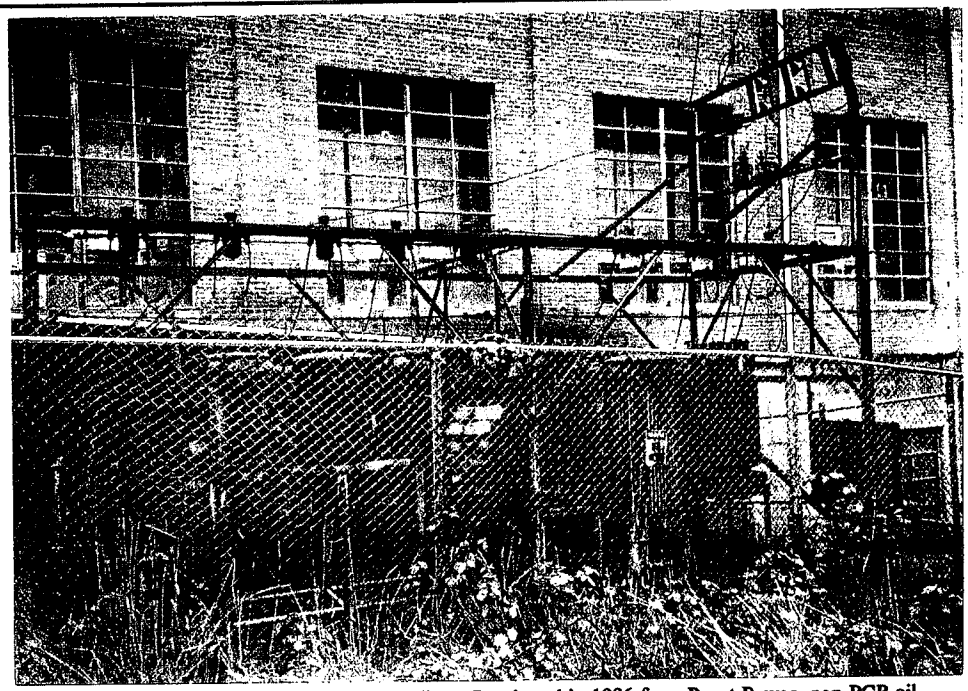
16. View looking south along abandoned railroad spur. Visqueen stabilizes hill from sewer line break.

17. View looking north from shoreline toward Deschutes Basin. Light sheen observed in water near shore.

18. View looking toward old health advisory sign that was a result of sewer leak in 1996.



19. View of inactive boiler that is covered with asbestos insulation. Pipe into warehouse covered w/asbestos.



20. Bank of transformers on south side of building. Purchased in 1986 from Puget Power, non-PCB oil.

APPENDIX B

ENVIRONMENTAL DATABASE SEARCH

SITE ASSESSMENT REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref #: TUMWATER OLD BR TUMWATER OLD BREWHOUSE S SHORE OF CAPITOL LAKE TUMWATER, WA 98502 Cross Street: I-5, CUSTER WAY, CAPITOL BLVD Latitude/Longitude: (47.019728, 122.900755)	RICK OSGOOD TETRA TECH INC-REDMOND 15400 NE 90TH ST STE 100 REDMOND, WA 98052

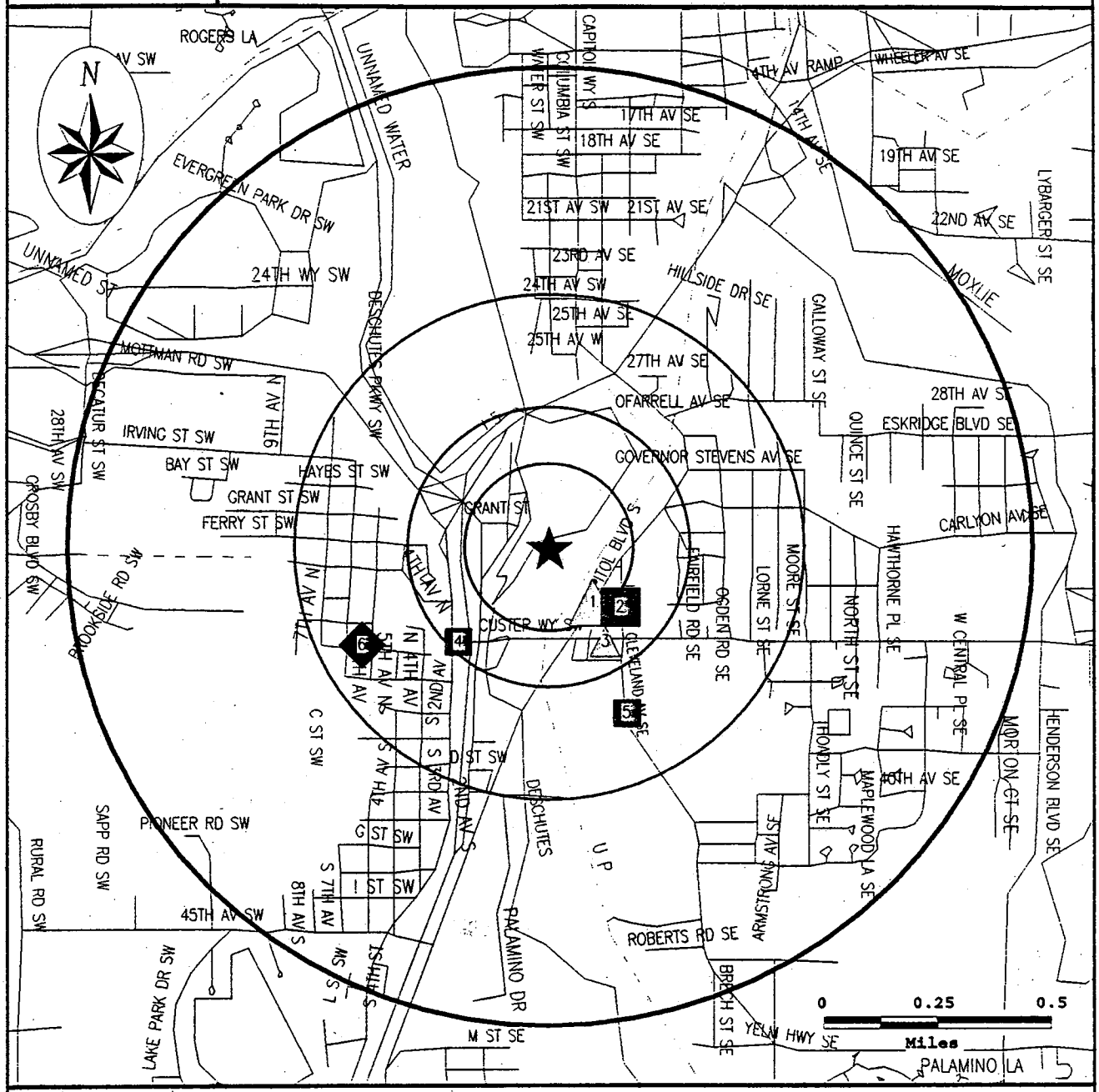
Site Distribution Summary Agency / Database - Type of Records			within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
A) Databases searched to 1 mile:						
US EPA	NPL	National Priority List	0	0	0	0
US EPA	TSD	RCRA permitted treatment, storage, disposal facilities	0	0	0	0
STATE	SPL	State equivalent priority list	0	0	0	0
STATE	SCL	State equivalent CERCLIS list	0	0	1	0
B) Databases searched to 1/2 mile:						
US EPA	CERCLIS	Sites under review by US EPA	0	0	0	-
STATE	LUST	Leaking Underground Storage Tanks	0	3	2	-
STATE	SWLF	Permitted as solid waste landfills, incinerators, or transfer stations	0	0	0	-
STATE	TOXICS	Washington Site Register	0	0	0	-
C) Databases searched to 1/4 mile:						
STATE	UST	Registered underground storage tanks	2	3	-	-
D) Databases searched to 1/8 mile:						
US EPA	ERNS	Emergency Response Notification System of spills	0	-	-	-
US EPA	LG GEN	RCRA registered large generators of hazardous waste	0	-	-	-
US EPA	SM GEN	RCRA registered small generators of hazardous waste	0	-	-	-

This geographic database search meets the American Society for Testing Materials (ASTM) standards for a government records review. A (-) indicates the search distance exceeds ASTM search parameters.

LIMITATION OF LIABILITY
Customer proceeds at its own risk in choosing to rely on VISTA services, in whole or in part, prior to proceeding with any transaction. VISTA cannot be an insurer of the accuracy of the information, errors occurring in conversion of data, or for customer's use of data. VISTA and its affiliated companies, officers, agents, employees and independent contractors cannot be held liable for accuracy, storage, delivery, loss or expense suffered by customer resulting directly or indirectly from any information provided by VISTA.

SITE ASSESSMENT REPORT

Map of Sites within One Mile



	Category:	A	B	C	D
Subject Site ★	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
	Single Sites	◆	■	△	○
	Multiple Sites	◆	■	△	○
		NPL, SPL, SCL, TSD	CERCLIS, LUST, SWLF	UST	ERNS, GENERATORS

Roads
Highways
Railroads
Rivers or Water Bodies
Utilities

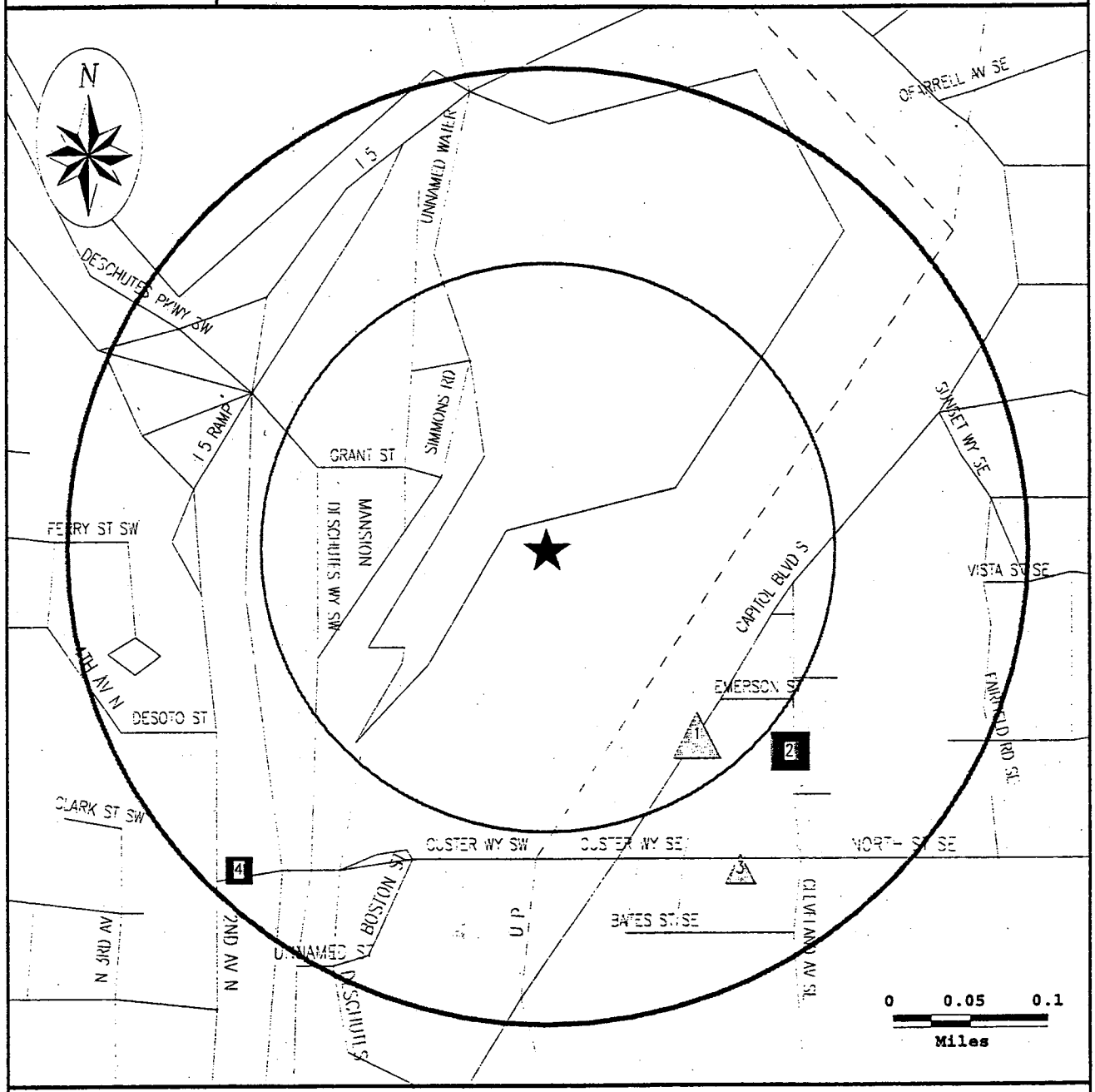
For More Information Call VISTA Information Solutions, Inc. at **1 - 800 - 767 - 0403**

Report ID: **102779-001**

Date of Report: **April 24, 1996**

SITE ASSESSMENT REPORT

Map of Sites within Quarter Mile



Subject Site	Category:	A	B	C	D
	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
★	Single Sites	◆	■	△	○
	Multiple Sites	◆	■	△	○
		NPL, SPL, SCL, TSD	CERCLIS, LUST, SWLF	UST	ERNS, GENERATORS

Roads
Highways
Railroads
Rivers or Water Bodies
Utilities

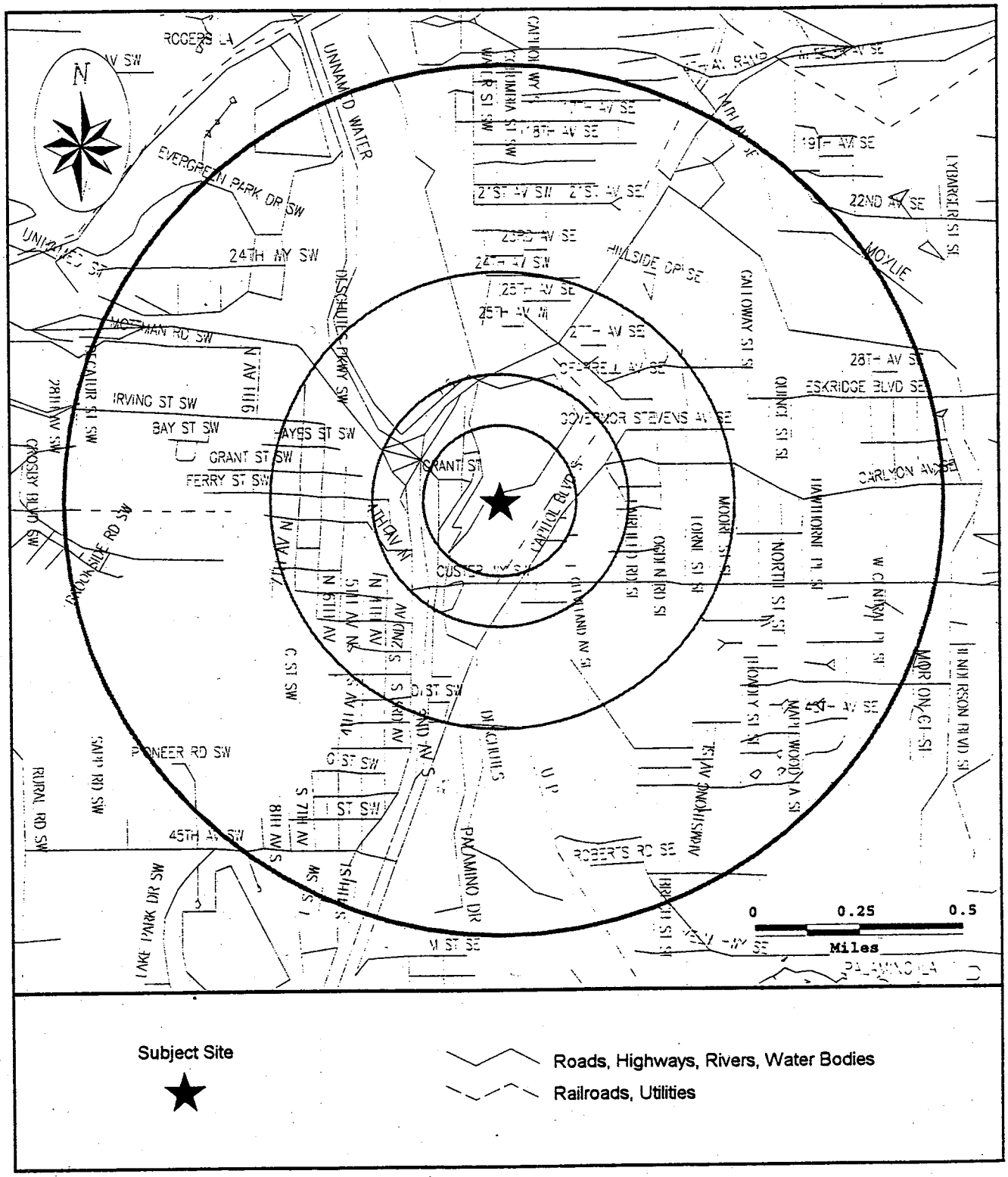
For More Information Call VISTA Information Solutions, Inc. at **1 - 800 - 767 - 0403**

Report ID: **102779-001**

Date of Report: **April 24, 1996**

SITE ASSESSMENT REPORT

Street Map



SITE ASSESSMENT REPORT

SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID / DISTANCE / DIRECTION	A				B				C	D		
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	TOXICS	UST	ERNS	LG GEN	SM GEN
1	FORMER TEXACO STATION 3333 CAPITOL BLVD OLYMPIA, WA 98501	4901105 0.09 MI SE									X			
1	WASHINGTON STATE PATROL-OLYMPIA 3312 CAPITOL BLVD OLYMPIA, WA 98501	1843459 0.10 MI SE									X			

MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID / DISTANCE / DIRECTION	A				B				C	D		
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	TOXICS	UST	ERNS	LG GEN	SM GEN
2	GASAMAT #905 415 CLEVELAND OLYMPIA, WA 98501	5844388 0.14 MI SE						X						
2	LIBERTY #905 415 CLEVELAND OLYMPIA, WA 98501	1843260 0.15 MI SE						X			X			
3	STOP IN FOOD STORE 533 CUSTER WAY OLYMPIA, WA 98501	2883573 0.18 MI SE									X			
4	OLD CITY HALL 215 SECOND AVENUE OLYMPIA, WA 98502	1849385 0.23 MI SW						X			X			

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID / DISTANCE / DIRECTION	A				B				C	D		
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	TOXICS	UST	ERNS	LG GEN	SM GEN
5	ODD FELLOWS MEMORIAL PARK 100 CLEVELAND AVENUE OLYMPIA, WA 98501	1843259 0.34 MI SE						X			•			
6	CITY OF TUMWATER NORTH 5TH AVENUE BATES ST. OLYMPIA, WA 98501	5731889 0.39 MI W				X								
6	CITY OF TUMWATER PUBLIC WORKS DEPT. 517 WEST BATES OLYMPIA, WA 98502	1842943 0.42 MI W						X			•			

MAP ID	SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)	VISTA ID / DISTANCE / DIRECTION	A				B				C	D		
			NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	TOXICS	UST	ERNS	LG GEN	SM GEN
No Records Found														

UNMAPPED SITES	VISTA ID	A				B				C	D		
		NPL	TSD	SPL	SCL	CERCLIS	LUST	SWLF	TOXICS	UST	ERNS	LG GEN	SM GEN
CAPITOL PEAK COMMUNICATION FACILITY T 17N, R5W, SECTION 11 OLYMPIA, WA 98502	4917772								X				
OLYMPIA (MOTTMAN) MAINTENANCE SITE MOTTMAN ROAD TUMWATER, WA	4267308						X						
US WEST-CAPITOL PEAK CAPITOL PEAK OLYMPIA, WA 98502	5404207				X								
WDOT (I-5 RIGHT OF WAY) DESCHUTES PARKWAY TUMWATER, WA	1854560						X						
OLYMPIA (MOTTMAN) MAINTENANCE SITE MOTTMAN ROAD OLYMPIA, WA 98502	5749878									X			
WASHINGTON STATE GRANGE/UNOCAL 0266 CAPITOL BLVD OLYMPIA, WA	5844401						X						
WDOT MOTTMAN MAINTENANCE SITE MOTTMAN ROAD TUMWATER, WA 98502	5844679						X						
UNOCAL #0266/GRANGE CAPITOL BLVD OLYMPIA, WA	1854433						X						

SITE ASSESSMENT REPORT

DETAILS

PROPERTY AND THE ADJACENT AREA (within 1/8 mile)

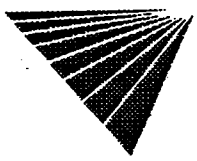
VISTA Address*:	FORMER TEXACO STATION 3333 CAPITOL BLVD OLYMPIA, WA 98501	VISTA ID#:	4901105	Map ID
		Distance/Direction:	0.09 MI / SE	1
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 2803		Agency ID:	4489	

Agency Address:	*FORMER TEXACO STATION* *3333 CAPITOL BLVD* *TUMWATER, WA 98501*
Underground Tanks:	*6*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*6*

Tank ID:	*1U*	Tank Status:	*REMOVED*
Tank Contents:	*LEADED GAS*	Leak Monitoring:	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*5000 (GALLONS)*	Tank Material:	*NOT AVAILABLE*
Tank ID:	*2U*	Tank Status:	*REMOVED*
Tank Contents:	*UNLEADED GAS*	Leak Monitoring:	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*5000 (GALLONS)*	Tank Material:	*NOT AVAILABLE*
Tank ID:	*3U*	Tank Status:	*REMOVED*
Tank Contents:	*UNLEADED GAS*	Leak Monitoring:	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*5000 (GALLONS)*	Tank Material:	*NOT AVAILABLE*
Tank ID:	*4U*	Tank Status:	*REMOVED*
Tank Contents:	*UNLEADED GAS*	Leak Monitoring:	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*5000 (GALLONS)*	Tank Material:	*NOT AVAILABLE*
Tank ID:	*5U*	Tank Status:	*REMOVED*
Tank Contents:	*HAZARDOUS*	Leak Monitoring:	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*2000 (GALLONS)*	Tank Material:	*NOT AVAILABLE*
Tank ID:	*6U*	Tank Status:	*REMOVED*
Tank Contents:	*USED OIL, WASTE OIL*	Leak Monitoring:	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	Tank Piping:	*NOT AVAILABLE*
Tank Size (Units):	*2001 (GALLONS)*	Tank Material:	*NOT AVAILABLE*

VISTA Address*:	WASHINGTON STATE PATROL-OLYMPIA 3312 CAPITOL BLVD OLYMPIA, WA 98501	VISTA ID#:	1843459	Map ID
		Distance/Direction:	0.10 MI / SE	1
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 2803		Agency ID:	100466	

Agency Address:	*WASHINGTON STATE PATROL-OLYMPIA* *3312 CAPITOL BLVD* *OLYMPIA, WA 98504*
Underground Tanks:	*1*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*



*** VISTA address includes enhanced city and ZIP.**
For more information call VISTA Information Solutions, Inc. at **1 - 800 - 767 - 0403.**
Report ID: **102779-001** Date of Report: **April 24, 1996**
Version 2.4.1

PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Tank ID:	*271099U*	**Tank Status:**	*CLOSURE PENDING*
Tank Contents:	*NOT REPORTED*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*STEEL*

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

				Map ID
VISTA Address*:	**GASAMAT #905** **415 CLEVELAND** **OLYMPIA, WA 98501**	VISTA ID#: Distance/Direction: Plotted as:	5844388 0.14 MI / SE Point	**2**
STATE LUST - State Leaking Underground Storage Tank / SRC# 2917		Agency ID:	4406	

Agency Address:	*GASAMAT #905* *415 CLEVELAND* *TUMWATER, WA 98501-3311*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*APRIL 26, 1989*
Media Affected:	*SOIL/SAND/LAND*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*CASE CLOSED/CLEANUP COMPLETE*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Substance, Quantity (Units), Leak Source*

				Map ID
VISTA Address*:	**LIBERTY #905** **415 CLEVELAND** **OLYMPIA, WA 98501**	VISTA ID#: Distance/Direction: Plotted as:	1843260 0.15 MI / SE Point	**2**
STATE LUST - State Leaking Underground Storage Tank / SRC# 2215		Agency ID:	1143	

Agency Address:	*LIBERTY #905* *415 CLEVELAND* *TUMWATER, WA*
Tank Status:	*NOT AVAILABLE*
Media Affected:	*NOT AVAILABLE*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*CONDUCTED*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Discovery Date, Substance, Quantity (Units), Leak Source*

STATE UST - State Underground Storage Tank / SRC# 2803		Agency ID:	4406

Agency Address:	*LIBERTY #905* *415 CLEVELAND* *TUMWATER, WA 98501*
Underground Tanks:	*3*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*1U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*LEADED GAS*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*STEEL*

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank ID:	*2U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*STEEL*
Tank ID:	*3U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*2001 (GALLONS)*	**Tank Material:**	*STEEL*

VISTA Address*:		VISTA ID#:	2883573	Map ID
STOP IN FOOD STORE **533 CUSTER WAY** **OLYMPIA, WA 98501**		Distance/Direction:	0.18 MI / SE	**3**
		Plotted as:	Point	
STATE UST - State Underground Storage Tank / SRC# 2803		Agency ID:	101095	

Agency Address:	*STOP IN FOOD STORE* *533 CUSTER WAY* *TUMWATER, WA 98501*
Underground Tanks:	*3*
Aboveground Tanks:	*NOT REPORTED*
Tanks Removed:	*NOT REPORTED*

Tank ID:	*1U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS REINFORCED PLASTIC*
Tank ID:	*2U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS REINFORCED PLASTIC*
Tank ID:	*3U*	**Tank Status:**	*ACTIVE/IN SERVICE*
Tank Contents:	*LEADED GAS*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*10000 (GALLONS)*	**Tank Material:**	*FIBERGLASS REINFORCED PLASTIC*

VISTA Address*:		VISTA ID#:	1849385	Map ID
OLD CITY HALL **215 SECOND AVENUE** **OLYMPIA, WA 98502**		Distance/Direction:	0.23 MI / SW	**4**
		Plotted as:	Point	
STATE LUST - State Leaking Underground Storage Tank / SRC# 2215		Agency ID:	2963	

Agency Address:	*OLD CITY HALL* *215 SECOND AVENUE* *TUMWATER, WA*
Tank Status:	*NOT AVAILABLE*
Media Affected:	*NOT AVAILABLE*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*CONDUCTED*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Discovery Date, Substance, Quantity (Units), Leak Source*

STATE UST - State Underground Storage Tank / SRC# 2803		Agency ID:	100253
Agency Address:	*OLD CITY HALL* *215 SECOND AVENUE* *TUMWATER, WA 98502*		
Underground Tanks:	*1*		
Aboveground Tanks:	*NOT REPORTED*		
Tanks Removed:	*1*		

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.

Tank ID:	*1U*	**Tank Status:**	*REMOVED*
Tank Contents:	*UNLEADED GAS*	**Leak Monitoring:**	*NOT AVAILABLE*
Tank Age:	*NOT REPORTED*	**Tank Piping:**	*NOT AVAILABLE*
Tank Size (Units):	*NOT REPORTED (NOT AVAILABLE)*	**Tank Material:**	*STEEL*

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)

VISTA Address*:	**ODD FELLOWS MEMORIAL PARK** **100 CLEVELAND AVENUE** **OLYMPIA, WA 98501**	VISTA ID#: Distance/Direction: Plotted as:	1843259 0.34 MI / SE Point	Map ID **5**
STATE LUST - State Leaking Underground Storage Tank / SRC# 2215		Agency ID:	3634	

Agency Address:	*SAME AS ABOVE*
Tank Status:	*NOT AVAILABLE*
Media Affected:	*NOT AVAILABLE*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*CONDUCTED*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Discovery Date, Substance, Quantity (Units), Leak Source*

STATE LUST - State Leaking Underground Storage Tank / SRC# 2917		Agency ID:	1814

Agency Address:	*SAME AS ABOVE*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*MARCH 25, 1991*
Media Affected:	*SOIL/SAND/LAND*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*CASE CLOSED/CLEANUP COMPLETE*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Substance, Quantity (Units), Leak Source*

VISTA Address*:	**CITY OF TUMWATER** **NORTH 5TH AVENUE BATES ST.** **OLYMPIA, WA 98501**	VISTA ID#: Distance/Direction: Plotted as:	5731889 0.39 MI / W Point	Map ID **6**
SCL - State Equivalent CERCLIS List / SRC# 2757		EPA/Agency ID:	N/A	

Agency Address:	*CITY OF TUMWATER* *NORTH 5TH AVENUE BATES ST.* *TUMWATER, WA 98501*
Facility Type:	*NOT AVAILABLE*
Lead Agency:	*NOT AVAILABLE*
State Status:	*INDEPENDENT REMEDIAL ACTION,RELEASE RPT REC, AWAITING ASSESS BY PLP*
Pollutant 1:	*METALS,CYANIDE.METALS,PETRO PROD,NON-HALOG SLV,PAH*
Pollutant 2:	*UNKNOWN*
Pollutant 3:	*UNKNOWN*
Fields Not Reported:	*Status*

SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.

VISTA Address*	CITY OF TUMWATER PUBLIC WORKS DEPT. 517 WEST BATES OLYMPIA, WA 98502	VISTA ID#:	1842943	Map ID: 6
		Distance/Direction:	0.42 MI / W	
		Plotted as:	Point	

STATE LUST - State Leaking Underground Storage Tank / SRC# 2917	Agency ID:	4872

Agency Address:	*CITY OF TUMWATER PUBLIC WORKS DEPT.* *517 WEST BATES* *TUMWATER, WA 98502*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*JANUARY 31, 1996*
Media Affected:	*NOT AVAILABLE*
Leak Cause:	*UNAVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*NOT AVAILABLE*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Substance, Quantity (Units), Leak Source*

SITES IN THE SURROUNDING AREA (within 1/2 - 1 mile)

No Records Found

UNMAPPED SITES

VISTA Address*:	CAPITOL PEAK COMMUNICATION FACILITY T 17N, R5W, SECTION 11 OLYMPIA, WA 98502	VISTA ID#	4917772
WA Toxics - Washington Toxics / SRC# 2916		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Region:	SOUTHWEST		
State Detail Description:	NO		
Contact:	LYNN GOODING		
Title:	UST SITE CHARACTERIZATION/SOIL CLEANUP		

VISTA Address*:	OLYMPIA (MOTTMAN) MAINTENANCE SITE MOTTMAN ROAD TUMWATER, WA	VISTA ID#	4267308
STATE LUST - State Leaking Underground Storage Tank / SRC# 2215		Agency ID:	1454
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Media Affected:	NOT AVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	UNKNOWN		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Substance		

VISTA Address*:	US WEST-CAPITOL PEAK CAPITOL PEAK OLYMPIA, WA 98502	VISTA ID#	5404207
SCL - State Equivalent CERCLIS List / SRC# 2757		EPA/Agency ID:	N/A
Agency Address:	SAME AS ABOVE		
Facility Type:	NOT AVAILABLE		
Lead Agency:	NOT AVAILABLE		
State Status:	INDEPENDENT REMEDIAL ACTION,RELEASE RPT REC, AWAITING ASSESS BY PLP		
Pollutant 1:	PETROLEUM		
Pollutant 2:	UNKNOWN		
Pollutant 3:	UNKNOWN		
Fields Not Reported:	Status		

VISTA Address*:	WDOT (I-5 RIGHT OF WAY) DESCHUTES PARKWAY TUMWATER, WA	VISTA ID#	1854560
STATE LUST - State Leaking Underground Storage Tank / SRC# 2215		Agency ID:	1455
Agency Address:	SAME AS ABOVE		
Tank Status:	NOT AVAILABLE		
Media Affected:	NOT AVAILABLE		
Remedial Action:	NOT AVAILABLE		
Remedial Status 1:	CONDUCTED		
Remedial Status 2:	NOT AVAILABLE		
Fields Not Reported:	Discovery Date, Substance		

STATE LUST - State Leaking Underground Storage Tank / SRC# 2917	Agency ID:	200540

Agency Address:	*WDOT (I-5 RIGHT-OF-WAY)* *DESCHUTES PARKWAY* *TUMWATER, WA*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*JUNE 18, 1990*
Media Affected:	*SOIL/SAND/LAND*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*CASE CLOSED/CLEANUP COMPLETE*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Substance*

VISTA Address*:	WASHINGTON STATE GRANGE/UNOCAL 0266 CAPITOL BLVD OLYMPIA, WA	VISTA ID#:	5844401

STATE LUST - State Leaking Underground Storage Tank / SRC# 2917	Agency ID:	200477

Agency Address:	*SAME AS ABOVE*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*MAY 15, 1990*
Media Affected:	*GROUNDWATER, POSSIBLE SOIL*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*CASE CLOSED/CLEANUP COMPLETE*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Substance*

VISTA Address*:	WDOT MOTTMAN MAINTENANCE SITE MOTTMAN ROAD TUMWATER, WA 98502	VISTA ID#:	5844679

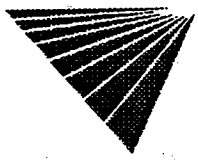
STATE LUST - State Leaking Underground Storage Tank / SRC# 2917	Agency ID:	12158

Agency Address:	*SAME AS ABOVE*
Tank Status:	*NOT AVAILABLE*
Discovery Date:	*AUGUST 2, 1990*
Media Affected:	*NOT AVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*UNKNOWN*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Substance*

UNMAPPED SITES CONT.

VISTA Address*:	UNOCAL #0266/GRANGE CAPITOL BLVD OLYMPIA, WA	VISTA ID#:	1854433
STATE LUST - State Leaking Underground Storage Tank / SRC# 2215		Agency ID:	1452

Agency Address:	*SAME AS ABOVE*
Tank Status:	*NOT AVAILABLE*
Media Affected:	*NOT AVAILABLE*
Remedial Action:	*NOT AVAILABLE*
Remedial Status 1:	*MONITORING*
Remedial Status 2:	*NOT AVAILABLE*
Fields Not Reported:	*Discovery Date, Substance*



SITE ASSESSMENT REPORT

DESCRIPTION OF DATABASES SEARCHED

A) DATABASES SEARCHED TO 1 MILE

NPL
SRC#: 2640

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for NPL was September, 1995.

The National Priorities List (NPL) is the EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund program. A site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the US Dept of Health and Human Services and the US EPA in order to become an NPL site.

SPL
SRC#: 2758

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Confirmed Contaminated Sites Report was November, 1995.

The Washington Confirmed Contaminated Sites Report contains a WARM (Washington Ranking Model) BIN Number of 0-5 which is assigned to an NPL site designating it as a State Priority Site.

SCL
SRC#: 2757

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for Suspected Contaminated Sites Report was November, 1995.

The Washington Suspected Contaminated Sites Report is not assigned a WARM (Washington Ranking Model) BIN Number, designating these sites a contaminated site.

RCRA-TSD
SRC#: 2909

VISTA conducts a database search to identify all sites within 1 mile of your property.
The agency release date for RCRIS was February, 1996.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA TSDs are facilities which treat, store and/or dispose of hazardous waste.

B) DATABASES SEARCHED TO 1/2 MILE

CERCLIS
SRC#: 2738

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS was December, 1995.

The CERCLIS List contains sites which are either proposed to or on the National Priorities List(NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. The information on each site includes a history of all pre-remedial, remedial, removal and community relations activiies or events at the site, financial funding information for the events, and unrestricted enforcement activities.

NFRAP
SRC#: 2739

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for CERCLIS-NFRAP was December, 1995.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

SWLF
SRC#: 2763

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Municipal Sludge Waste Facilities was November, 1993.

This database is provided by the Department of Ecology, Solid Waste Services Program.

SWLF
SRC#: 2764

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Municipal Solid Waste Facilities was December, 1995.

This database is provided by the Department of Ecology, Solid Waste Services Program.

LUST
SRC#: 2917

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Leaking Underground Storage Tank List was March, 1996.

This database is provided by the Department of Ecology, Toxics Cleanup Program.

WA Site Register
SRC#: 2916

VISTA conducts a database search to identify all sites within 1/2 mile of your property.
The agency release date for Toxic Cleanup Program Site Register was December, 1995.

This database is provided by the Department of Ecology, Toxics Cleanup Program.

C) DATABASES SEARCHED TO 1/4 MILE

UST's
SRC#: 2803

VISTA conducts a database search to identify all sites within 1/4 mile of your property.
The agency release date for Underground Storage Tank Database was January, 1996.

This database is provided by the Department of Ecology, Solid Hazardous Waste Program; Caution-Many states do not require registration of heating oil tanks, especially those used for residential purposes.

D) DATABASES SEARCHED TO 1/8 MILE

ERNS
SRC#: 2885

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for ERNS was June, 1995.

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through June 1995 revealed the following information regarding reported spills of oil or hazardous substances in the stated area.

RCRA-LgGen
SRC#: 2909

VISTA conducts a database search to identify all sites within 1/8 mile of your property.
The agency release date for RCRIS was February, 1996.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste (or 1 kg./month of acutely hazardous waste).

RCRA-SmGen VISTA conducts a database search to identify all sites within 1/8 mile of your property.
SRC#: 2909 **The agency release date for RCRIS was February, 1996.**

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report