Spokane Co.
Schade Brewery
TCE/VCE

SLR

REMEDIAL INVESTIGATION

Independent Remedial Actions
Documentation of Soil Contaminant Conditions

SCHADE BREWERY
528 East Trent Avenue
Spokane, Washington

Presented to:

WASHINGTON DEPARTMENT OF ECOLOGY
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1.0 INTRODUCTION

SLR International Corp. (SLR) has been retained by *American West Bank* (Client) to document independent remedial actions completed at the former *Schade Brewery* property (hereafter called the Site). The independent remedial actions included a remedial investigation of contaminants of concern, active cleanup actions to remove specific affected soil areas, and the selection and planning of engineering and institutional controls to mitigate long-term threats to human health and the environment. This report documents the methods, findings, and conclusions of remedial investigation and cleanup actions conducted for contaminants within the Site soils.

1.1 Purpose and Scope of Report

The independent remedial actions were completed pursuant to Washington Department of Ecology (WDOE) rules defined in the *Model Toxics Control Act* (MTCA) (Chapter 173-340 WAC) and *Dangerous Waste Regulations* (Chapter 173-303 WAC). The independent remedial actions summarized and presented in this document are submitted to the WDOE under the Voluntary Cleanup Program (VCP) for technical assistance and review. The VCP Site Summary form is attached in Appendix A. This report was prepared with the intent of following applicable guidance requirements defined by various WDOE publications, including: *Guidance on Sampling and Data Analysis Methods* (Publication No. 94-49, January 1995), *Statistical Guidance for Ecology Site Managers*, (Publication No. 92-54, August, 1992), *Guidance for Remediation of Petroleum Contaminated Soils* (Publication No. 91-30, Revised April 1995), and other applicable resources and references.

Following technical review of the independent remedial actions documentation submitted under the VCP, the WDOE has the option to issue a No Further Action (NFA) determination if the release or threatened release of a hazardous substance has occurred, but in the department's judgement, does not pose a threat to human health or the environment. The independent remedial actions conducted by the Client may be considered independent under MTCA [Section 120(8)(b)], and were conducted without a legal order or consent decree.

2.0 GENERAL SITE INFORMATION

2.1 Site Location and Description

The Site is located within the incorporated city limits of Spokane, Washington. The Site is located at 528 East Trent Avenue. The Site consists of five (5) Spokane County tax parcels located east of the "Y" intersection of Trent and First Avenues. Trent Avenue is located to the west and north of the Site, while Front Avenue comprises the approximate southern property boundary. A portion of the northeast portion of the Site is located immediately adjacent to the southern bank of the westerly-flowing Spokane River, south of the Trent Avenue bridge. The Site is located in the Southwest and Southeast Quarters of Section 17, Township 25 North, Range 43 East, (W.M.) in Spokane County, Washington. The latitude and longitude at the approximate center of the Site is identified as North 47 ° 39.636' and West 117° 24.107'. A Site Location Map is provided in Figure 1.

The Site parcels have a significant history of legal segregations, lot line adjustments and ownership changes in the past 25 years. However, the current Site configuration shown in Figure 2 provides a plan view of the approximate current tax parcel delineations, city block and lot layout, and surrounding public right-of-ways and Spokane River. Appendix B provides legal descriptions for the five tax parcels using warranty deeds or title insurance documentation. The five Spokane County tax parcels are reported with an approximate, aggregate area of 2.5 acres (+/-), and may generally be identified as follows:

Parcel 35173.0906 - The western-most Site parcel is located immediately east of the Trent and Front Avenue intersection. Parcel 35173.0906 is developed with asphalt-paved parking and traffic areas, concrete sidewalks and curbing, landscaping, lighting fixtures, and a brick-based "Schade Towers" commercial sign. The property is bounded to the east by the former Trent Avenue alignment. The former Trent Avenue alignment is reportedly owned by the City of Spokane and segregates Parcel 35173.0906 from the other four Site tax parcels. The former Trent Avenue alignment is difficult to distinguish with visual clues from the actual Site property and boundaries, and has been incorporated in to the development in a similar manner with parking and landscaping improvements.

Parcel 35173.0120 - This parcel includes the Schade Brewery commercial building, with the structure's footprint located in the approximate center of the Site. The parcel includes portions of the vacated Sheridan Street right-of-way on the west side of the Schade Brewery building. The western portion of the parcel is improved with asphalt-paved parking and traffic areas, concrete sidewalks and curbing, landscaping, and lighting fixtures. A covered portico and stairway is located on the western side of the building and serves as the main entrance to the building. A 15 ft. wide gravel-surfaced alley is located on the north side of the building, and is segregated from the northern-adjacent commercial property (office building) by a concrete retaining wall. A concrete loading dock is located on the eastern side of the building. The unimproved eastern portion of Parcel 35173.0120 is gravel-surfaced. Front Avenue is located on the south side of the parcel, with the property boundary being described as approximately 1 ft. from the building wall. However, the area immediately to the south of the building, 12 to 15 ft into the right-of-way, has been improved with a concrete sidewalk and curb and a strip of asphalt-paved parking.

Parcel 35173.0124 - This parcel is located immediately to the east of the Schade Brewery building and parcel 35173.0120. The parcel is unimproved and has both gravel and native or imported soil surfaces. The parcel is located between Front Avenue to the south and the northern adjacent commercial office building.

Parcel 35173.0122 - This parcel comprises the majority of the eastern portion of the Site from Front Avenue on the south, to the Spokane River on the north. The adjacent commercial office building is located to the northwest of this parcel. The parcel is unimproved and has both gravel and native or imported soil surfaces. Exposed outcrops of basalt bedrock and fractured boulders are located primarily along the northern portion of Parcel 35173.0122, adjacent to the Spokane River. A very steep slope or bank of near-vertical basalt exposure is found along the Spokane River contact. The parcel legal description includes the use of the "high water line" on the southwesterly shore of the Spokane River. Parcel 35173.0122 includes portions of the vacated Hatch Street right-of-way along the eastern boundary. In addition, the northern portion of Parcel 35173.0122 includes former Burlington Northern Sante Fe Railroad Company (formerly Great Northern Pacific Railway Company) connection track right-of-way.

Parcel 35174.0556 - This triangular-shaped tax parcel comprises the eastern-most portion of the Site. It is located in the Southeast Quarter of Section 17. The parcel is unimproved and has both gravel and native or imported soil surfaces.

The Subject Site is zoned M1 - Light Manufacturing, allowing for both commercial and light industrial land uses. The Site is primarily surrounded by the Joint Center for Higher Education campus (Washington State University, Eastern Washington University, and Spokane Intercollegiate Research and Technical Institute) buildings and property across East Trent Avenue to the north. Older, industrial and office/warehouse buildings are located across East Front Avenue to the south, and include the Washington State University bookstore, vacated office/warehouse spaces, and the Peirone Produce offices, loading docks, and refrigerated warehouse buildings.

2.2 Brief Site History

The five Site parcels have a varied land use and ownership history. The historical changes since development on and around the original Schade Brewery parcel (35173.0120) include changes in road and railroad right-of-way uses and vacations, general land use, lot (parcel) boundaries, and ownership. The following narrative provides a simplified description of these changes based on the five individual parcels currently defining the Site.

The records review used to prepare this section included prior environmental studies, WDOE public records, private and public records, aerial photographs, and interviews with knowledgeable parties. Please refer to Figure 3 for a plan view of the Schade Brewery investigation area and related portions of the former Inland Metals property. Aerial photographs obtained from various sources are included in Appendix C as visual reference from 1962 through 1990.

Parcel 35173.0906- This parcel was formerly located on a property found on the on the west side of the older Trent Avenue alignment. The former Trent Avenue alignment was east of the new Trent Avenue re-alignment currently in existence, and closer to the west side of the Schade Brewery building (Parcel 35173.0120). The Trent Avenue realignment appears to have occurred between 1987 and 1989. It's historical use was not positively determined for the purposes of this report, but aerial and other public records indicate the surface land use was vacant or unimproved.

However, a portion of the underlying surface for Parcel 35173.0906 appears to have been developed with a portion of the former underground railroad tunnel. The underground railroad tunnel begins at a lower surface elevation east of the Site on an adjacent parcel, travels south of the main Site property under Front Avenue, then under the old Trent Avenue alignment and Parcel 35173.0996. The old tunnel opening may have been formerly located on this parcel. There may have been a visible tunnel abutment or wall extending above-ground located on Parcel 35173.0996 to at least 1995-1997, when the Site was developed by the former owner (Mark Leonard). The tunnel opening can currently be viewed on the west side of the newer Trent Avenue re-alignment. Boring SB2 completed on the western portion of this parcel revealed a buried concrete surface, possibly a portion of the upper surface of the relic underground tunnel.

Parcel 35173.0120 - This parcel includes the Schade Brewery building and improvements. The historical evidence suggests the Schade Brewery property was developed in approximately 1903 and was used at various times until the 1950's as a beer and soda brewing/bottling plant. An interim use as a packing plant and homeless shelter is suggested from 1918 to 1933.

The Site and northern adjacent property was purchased in approximately 1957 by Mr. Sam Rykus, who operated the Inland Metals salvage business. The Inland Metals property originally included the Schade Brewery Parcel 35173.1020 and portions of Parcels 35173.0122 and 35173.0122 (eastern Site area). It appears that a majority of the actual salvage operations (e.g., general material dismantling, automobile crushing, material storage, etc.) was conducted on the northern adjacent parcel (now a commercial office building with other improvements) and eastern Site Parcels 35173.0122 and 35173.0122. It is reported that the Schade Brewery building and parcel was used for the storage and sale of salvaged metals and other materials from the Inland Metals operations. The aerial photograph records in Appendix C exhibits the salvage business operations.

The Schade Brewery parcel was sold to Mr. Louis Ray on or about 1977 following segregation from the parent Inland Metals property. The Schade Brewery property is recorded with Parcel 35173.0114 at that point-in-time, and constituted a similar, but slightly different area than the current delineation of Parcel 35173.0120 (e.g., the parcel at that point-in-time included only the southern 7.5 ft. of the alley, which was a railroad side track serving the building). Mr. Ray is reported to have intended to restore the building for use as an antique store. However, Mr. Ray appears to have used the Schade Brewery building for the storage and sale of recovered demolition and salvaged materials from his building demolition business.

The Schade Brewery building and parcel was sold to Louis and Gailya Bonzon by Mr. Ray in approximately 1991 (identified as Parcel 35173.0114). The building was reported to have undergone first floor renovations and use as an antique and carpet store. The Bonzon's (and/or Mr. Ray) agreed to a lot line adjustment of 35173.0014 with the northern and eastern adjacent land owner - Mr. Brian Whitfield in the 1991 to 1994 time-frame. Mr. Mr. Whitfield had purchased the older Inland Metals parcels (identified as that point-in-time as 35174.0108 and 35173.0115) in 1986. The former parcel identification of 35173.0115 includes portions of the current Site parcels (see review of Parcels 35173.0122 and 35174.0124 below). A copy of the City of Spokane Department of Planning Services documentation is included in Appendix B (as part of the legal description documents). This 1994 lot line adjustment affected portions of the current delineation and boundary of the Site

Parcel 35173.0120 (Schade Brewery building and land) and associated, eastern adjacent Site Parcel 35173.0124. Please refer to Figures 2 and 3 for reference.

Aerial photograph images indicate there is very limited evidence of the salvaging or dismantling of materials on the Schade Brewery parcel exterior land surfaces (e.g., within the parcel boundary immediately east of the building footprint). Bulk materials, trucks, and trailers are observed around the Schade Brewery building from 1962 through 1991. However, the railroad side track on the north side of the building appears to have been the subject of extensive loading and unloading of imported salvage and exported salvaged bulk materials. The views indicate that railroad cars were used to deliver materials to the Inland Metals site and/or transport away the materials salvaged by the Inland Metals operations on the northern (non-Site) and eastern (Site) parcels. The aerial photographs depict significant surface debris and waste materials scattered along the length of the railroad side track (now the northern alley for the Schade Brewery building and parcel (35173.0120).

The Schade Brewery building and parcel was obtained from the Bonzons by Mr. Mark Leonard (aka Schade Tower, LLC and Pro Mark of Washington, Inc.) in approximately 1995. Mr. Leonard also obtained and consolidated other surrounding properties into the Site parcels from approximately 1995 through 2001, including 35173.0906, and portions or all of Site Parcels 35173.0124 and 35173.0122. The actual adjustments, segregations, and dates of these changes are not reported within this narrative.

Mr. Leonard initiated improvements to the land and Schade Brewery building within this time frame of 1995 to 2001. The client (American West Bank) provided loans for land purchases and site improvements to Mr. Leonard from approximately 1995 through 2001. American West Bank obtained ownership of the five Site parcels following foreclosure and legal proceedings occurring from 2001 through 2004.

During the legal proceedings, Mr. Leonard used a consultant (Kleinfelder, Inc.) to conduct a *Preliminary Phase II Subsurface Soil Characterization* (Schade Tower, 528 East Trent Avenue, Spokane, Washington, Project No. 60-2164.01, August 6, 2001) on Site Parcel 35173.0120. The Phase II report identified various contaminants of concern associated with the Schade Brewery land, including areas in the northern alley and eastern unimproved land portions. Additional details of this prior environmental study are provided in Section 4.1 below. Based on the findings of this Phase II environmental assessment, the client (American West Bank) contracted SLR to conduct independent remedial investigation and cleanup actions on their behalf for the Schade Brewery property and other four Site parcels; the subject area for this report.

Parcel 35173.0124, 35173.0122, and 35174.0556 - The two eastern Site Parcels 35173.0122 and 35173.0124 include portions of the former Inland Metals parcel (35173.0115) owned and operated by Mr. Sam Rykus from approximately 1957 to 1986. These Site parcels were used for the dismantling, salvaging, and storage of materials, including a car crushing machine. Portions of these two Site parcels were the subject of the remedial investigation and cleanup of the Inland Metals hazardous waste site conducted by a later owner - Mr. Brian Whitfield (see Section 2.3 below for environmental compliance and cleanup information for Inland Metals). Figure 3 provides a plan view of the former Inland Metals property (former Parcel 35173.0115) and boundary in relationship to the current Site remedial investigation boundary discussed within this report.

Mr. Whitfield appears to have obtained ownership of the former Inland Metals Parcel 35173.0115 in approximately 1986 through tax foreclosure proceedings with Spokane County and/or directly from Mr. Rykus. As noted for Site Parcel 35173.0120 (Schade Brewery building and land), the 1994 lot line adjustment between Bonzon/Ray and Whitfield also changed the northern boundary of the current Site parcel delineation and identification for 35173.0124.

The Site Parcel 35173.0122 currently includes portions of a former railroad side track located along the Spokane River bank, identified as former Great Northern Pacific Railroad. This land appears to have been obtained by Mr. Whitfield after 1992 (post-Inland Metals independent remedial actions), and was included into the parcel designation for 35173.0122. Plan views of this former railroad right-of-way can be examined in Appendix B exhibits. Parcel 35173.0122 also includes portions of the vacated Hatch Street right-of-way on the eastern parcel boundary.

There is little to report on any known land uses associated with the eastern-most Site Parcel 35174.0556 based on the limited records review conducted by SLR. This parcel was not a part of and does not appear to have been associated with the former Inland Metals Parcel 35173.0115 land uses by Mr. Rykus or independent remedial actions conducted by Mr. Whitfield. However, this parcel appears to have been associated with the former Great Northern Pacific Railroad side track along the Spokane River, which was obtained and merged by Mr. Whitfield after 1992. The aerial photographs (Appendix C) exhibit trash and debris scattered across the general area.

2.3 Physiographic Conditions

The Site and surrounding area is comprised of nearly level to gently sloping terrain. The southern bank of the Spokane River channel is located adjacent to northeast corner of Site Parcel 35173.0122. In general, the surface gradient on the Site ranges from 0 to 3 percent. A steep, exposed basaltoutcrop forms the shoreline with the Spokane River, with an elevation change to the river pool surface fromthe top-of-slope of approximately 30 ft. The approximate ground elevation at the Site is 1990 feet North American Datum (1927). The Spokane River pool elevation is reported as 1960 ft. elevation. The Site Location Map provided in Figure 1 depicts the local topography.

2.4 Hydrogeologic Conditions

The local area is immediately underlain by shallow Pleistocene-aged glacial flood deposits. These medium to coarse textured materials include a poorly sorted, stratified mixture of boulders, cobbles, gravels, and sand deposited by multiple episodes of catastrophic water outbursts from glacially-dammed lakes northeast of the area (*Geologic Map of Spokane 1:100,000 Quadrangle, Washington-Idaho,* OFR 90-17, Nov. 1990). The general area is located over and associated with shallow to deep extrusions and exposed outcrops of middle-Miocene age basalt flows of the Columbia River Basalt Group formation.

The local area is located above the Spokane Aquifer. The Spokane Aquifer is the only significant source of potable water in the Spokane area, thus it has been designated as a "Sole Source Aquifer" by the U.S. Environmental Protection Agency. The aquifer underlies an area of approximately 135 square miles in the Spokane Valley. The aquifer thickness varies from a few feet to 500 feet or more. The Spokane Aquifer is noted in references *(The Spokane Aquifer, Washington: It's Geologic Origin and Water-Bearing and Water-Quality Charcteristics*, U.S.G.S. Water Supply Paper 2265, 1988) is referenced as associated with the surface of the Spokane River in this stretch at approximately 1960 ft. elevation in this area, approximately 30 to 35 ft. below the ground surface (bgs) at the Site.

2.5 WDOE Water Well Reports

Information on local domestic or consumptive use water wells for the local area were obtained from WDOE public records for the Southwest and Southeast Quarters of Section 17, Township 25 North, Range 43 East, (W.M.). Water well records were reviewed for potential receptors within a one-half (½) mile radius of the Site on the south or western side of the Spokane River within these two quarter sections. There are no reported domestic water well records within the search radius. A summary table and representative WDOE water well reports are included in Appendix D.

Twenty-eight (28) water well records are listed under the Southwest Quarter of Section 17. Forty-four (44) water well records are listed under the Southeast Quarter of Section 17. All the records are for resource protection wells (monitoring wells), exploratory soil borings, and abandonment of monitoring wells associated with nearby geotechnical or environmental soil and ground water investigations, including Gonzaga University Law School, SIRTI (northern adjacent property), Marriott Hotel, and the Spokane Gas Plant hazardous waste site (eastern adjacent property) which is listed under several names, including Browns Building Supply, Burlington Northern, and Gas Plant - Avista. Two (2) water wells are reported under Glacier Park Company are reported for the Southeast Quarter of Section 17, but may actually be monitoring wells or exploratory soil borings as their depths are reported as 17 and 18 ft. bgs and no water table is reported for either subsurface exploration.

The upper water bearing zone in the local area appears to be associated with the Spokane River and aquifer hydrogeologic connection, or with shallow perched water conditions overlying the basalt formations found in the area. The Site is elevated from the Spokane River surface water by approximately 30 ft. and no ground water was encountered in any of the test pits or exploratory soil borings completed on the Site to depth of 12 ft. bgs. There was no evidence obtained from the subsurface exploration that indicated a ground water presence, including wet soils or geologic materials, free water within the voids, or gleyed soil conditions (gray soil matrix or iron mottling) indicating occasional or seasonal saturated conditions. As the remedial investigation was conducted during spring conditions with increased Spokane River water stages, there does not appear to be any indications of ground water in the shallow soil and geologic stratigraphy within at least 12 ft. of the ground surface. A deeper ground water presence is anticipated at a depth exceeding 25 to 20 ft. bgs. within the fractures and fissure of the underlying basalt bedrock.

In general, the ground water reported in the local area south and west of the Spokane River on investigated sites to the north and east of the Site ranges from 8 to 27.4 ft. bgs or was not discovered during the soil boring or monitoring well programs. Many of the geologic descriptions report "fill" materials of varying composition and inert fragments of glass, brick, and concrete. The native soil and geologic materials included silt, sand, and gravel mixtures associated with nearby Spokane River and geologic flood event alluvial sediments. Basalt cobbles, boulders, and bedrock formations are also reported, but at depths (e.g., 30 ft. bgs) greater than those discovered on the Site.

2.6 Soil Conditions

According to the 1968 *Soil Survey of Spokane County, Washington* prepared by the USDA Soil Conservation Service, soils in the area are comprised of Garrison gravelly loam, with 0 to 5 percent slopes. The Garrison loam consists of a somewhat excessively drained, gravelly or very gravelly loam or silt loam over coarse sands, gravels, cobbles, and boulder sized materials, The surface color, when moist ranges from very dark brown to black. The subsoil ranges in color from dark brown to yellowish brown. These soils have moderately rapid permeability.

The remedial investigation subsurface exploration programs using both test pits and exploratory soil borings provided direct observation of the soil/geologic stratigraphy at the Site. The field descriptions were obtained utilizing ASTM Standard D2488-93 *Standard Practice for Description and Identification of Soils (Visual Manual Procedure)*. A summary table and Soil Boring Logs and Test Pit Observation forms in Appendix E provide information on the subsurface soil conditions.

In general, a majority of the test pit and exploratory soil boring descriptions included several feet of fill materials of varying sources, including silt, sand, and gravel mixtures. The fill materials were present over most of the Site, including the western Parcel 35173.0906, adjacent to Trent Avenue. The gravels, cobbles and boulders associated with the fill materials consisted of both basalt and primarily granitic origin from glacial flood deposits over the underlying bedrock, where encountered. Debris was generally encountered in the fill materials across the Site and included broken glass, brick, and concrete, as well as occasional metal fragments of unknown origin. The northern area of the Inland Metals portion of the Site (Parcels 35173.0122 and 35173.0124) appeared to be filled in the upper profile with a more uniform material consisting of a light yellowish brown silt/sand/gravel mixture with no basalt fragments, and appeared to be associated with prior remedial cleanup and backfilling actions conducted for project from the late 1980's through 1992. These fill materials did not include the typical fill material profile with debris materials.

Fractured basalt surfaces and cobbles and boulders were generally encountered in most of the test pits and exploratory borings, ranging from as shallow as 0.5 ft. bgs to 9 ft. bgs. Several of the test pits did not encounter bedrock (TP1, TP2 and TP3) on eastern portion of the Schade Brewery Parcel (35173.0120), but were terminated in fractured basalt boulders with little to no fines present in the profile. Several, less disturbed areas associated with the shallower basalt areas of the Site included a native yellowish brown silt or silty clay horizon development directly over the underlying bedrock.

3.0 CONTAMINANTS AND CLEANUP STANDARDS

3.1 Review of Inland Metals Hazardous Waste Site

The Inland Metals portion of the Site (please refer to Section 2.2 and Figure 3) has been the subject of regulatory compliance assessment and review by both the WDOE and U.S. Environmental Protection Agency (USEPA). The environmental impacts from historical Inland Metals operations from approximately 1957 through 1986 became the subject of various independent remedial actions by prior land owners and regulatory review processes.

3.1.1 Washington Department of Ecology Public Records

The WDOE has conducted regulatory compliance inspections for hazardous waste management processes and reviewed independent remedial actions between approximately 1985 through 1992, for issues regulated under the *Dangerous Waste Regulations* by the Hazardous Waste and Toxics Reduction Program and *MTCA* regulations by the Toxics Cleanup Program. WDOE public records were reviewed at the Eastern Regional Office in Spokane, Washington and pertinent, referenced documents are provided in the Appendix F.

An initial investigation for potential contaminants of concern were completed by George Maddox and Associates on behalf Mr. Sam Rykus, the owner of the Inland Metals business and associated properties in 1985. Between 1987 and 1992, the new owner of the former Inland Metals property, Mr. Brian Whitfield, completed site characterization and cleanup actions on tax parcels identified as Inland Metals (35173.0108 and 35173.0115). A series of "dig and hauls" remedial excavations to remove affected soil, follow-up cleanup confirmation sampling programs, and other independent remedial actions were conducted by Mr. Whitfield. Mr. Whitfield provided WDOE a consent for access to the property in 1990. This October 15, 1990 document includes a plat map that outlines the Inland Metals area and tax parcel boundaries.

The WDOE conducted a preliminary assessment of the Site in 1990 based on their complaint that contaminated on-site soil could have created drainage of potentially contaminated precipitation run-off into the adjacent Spokane River, or contaminated soil could have been dumped in the river. The site characterization laboratory results collected by the owner(s) and the WDOE indicated that polychlorinated biphenyls (PCBs), lead, and heavy-oil range petroleum compounds were designated as the contaminants of concern with soil concentrations above regulatory cleanup standards in effect at that point-in-time. The Inland Metals site was placed on the WDOE Hazardous Sites List in March 1991 with a ranking of 2.

Mr. Whitfield continued additional remedial excavations and building demolition activities on the former Inland Metals site from 1991 through 1992. WDOE also conducted an additional in situ soil sampling round in 1992 to confirm cleanup activities. Mr. Whitfield petitioned the WDOE in July 1992 to formally review the independent remedial actions and consider: 1) providing a review to issue a "determination of no further action" (NFA), and 2) removing Inland Metals from the Hazardous Sites List. The WDOE issued Mr. Whitfield an NFA determination on October 23, 1992. The WDOE letter to Mr. Whitfield acknowledges residual total lead contaminants, but that evidence suggested that PCB concentrations in the site soil were below the cleanup level.

The WDOE NFA determination required that a "restrictive covenant" institutional control be placed on the Inland Metals parcels, to be registered with the Spokane County register of deeds. The primary restrictive covenant condition would prohibit the property from future residential development. SLR reviewed chain of title, title insurance, warranty deeds, and other records provided by the client and their legal representative. Based on currently available information, a restrictive covenant was never placed on the Inland Metals parcels by Mr. Whitfield as of the date of this report. However, WDOE personnel recently indicated that a restrictive covenant would only apply to those portions of the former Inland Metals property (parcels) that held the residual total lead contaminant above the cleanup action level established by the MTCA in effect in 1992. According to their records, these residual contaminated areas do not include the Site Parcels 35173.0122 and 35173.0124.

THE WDOE initiated and completed the necessary regulatory actions (e.g., public participation) for removal of Inland Metals from the Hazardous Sites List in November 1992. A fact sheet provided in Appendix F provides a review of the Inland Metals history and environmental remedial actions.

3.1.2 U.S. Environmental Protection Agency Public Records

The USEPA also conducted a "Superfund" Site Investigation of the former Inland Metals site under authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERLCA) in 1995. The Site Inspection and review of potential contaminant fate and transport mechanisms was conducted by a federal contractor - URS Consultants, Inc. The USEPA correspondence dated March 31, 1995 to Mr. Whitfield indicates they do not anticipate further investigation by this federal agency (no further action). The relevant sections of the referenced documents are provided in the Appendix G.

3.2 Contaminants of Concern

The soil contaminants of concern (COCs) were determined from historical evidence obtained from prior environmental studies conducted at the former Inland Metals hazardous waste site and more recent Phase II Subsurface Soil Characterization studies (see Section 4.1 below). These COCs were reviewed and approved with WDOE Eastern Regional Office personnel during the remedial investigation phase.

Historical documentation indicated that diesel (DRO) and heavy oil-range petroleum hydrocarbons or organics, polychlorinated biphenyls (PCBs), non-carcinogenic and carcinogenic polynuclear aromatic hydrocarbons (PAHs), and five total metals (arsenic, cadmium, chromium, lead, and mercury) persisted at the Site and warranted an investigation.

The contaminant sources appear to have been the primary result of on-Site land uses, including former Inland Metals operations. The dismantling of metals-built equipment and materials, the decommissioning of electrical transformers and other electrical components, the crushing of automobiles and other large metal objects, general salvage and metal scrapping operations, burning of waste materials, the oiling of unimproved soil or gravel surfaces for dust suppression using either generated or imported waste oils are implicated as potential sources. Lead and cadmium paint debris may be suspected as potential contaminants from metal and other material coatings generated with the salvage operations. Railroad operations on the former railroad right-of-way located on the northern portion of Parcel 35173.0122 may have also contributed to petroleum hydrocarbon, total metals, and PAH contamination.

Other off-Site sources may also have contributed to these conditions, either from nearby air emissions, general fate and transport mechanisms, or other historical land uses in the general area. No attempt was made to identify or characterize any potential off-Site contaminants sources that could have contributed to on-Site conditions.

3.3 Regulatory Cleanup Standards

A necessary part of the Schade Brewery independent remedial action effort is the selection and establishment of appropriate cleanup standards for potential COCs in affected soil. As provided in MTCA 173-340-700 WAC, appropriate cleanup standards are to be identified for particular substances at a site and the specific areas or pathways, such as land or water, where humans and the environment can become exposed to these substances. In addition, these standards are established by WDOE to protect human health and the environment for current and potential site and resource use. The remedial investigation was designed to provide specific information to meet these soil cleanup criteria.

Selection of appropriate and applicable cleanup standards was based on the MTCA standards in effect at the start and completion of the actual remedial cleanup actions in the areas identified with COCs. At the time of the remedial investigation the MTCA standards established on August 15, 2001 were applied for establishing COC cleanup standards and related requirements.

The WDOE has determined that residential land use is generally the site use requiring the most protective cleanup levels and that exposure to hazardous substances under residential land use conditions represents the reasonable maximum exposure scenario. Method A cleanup standards are those defined in the MTCA as applicable to sites where the cleanup action can be considered routine and/or relatively few contaminants are involved. Of the three allowable cleanup standards (Methods A, B and C), Method A soil cleanup levels are typically conservative, but are only available for a limited number of contaminants. As the Site is considered a commercial-use property (although zoned industrial), the Method A Soil Cleanup Levels for Unrestricted Land Uses (Table 740-1, Section WAC 173-340-740) were used for specific COCs. Table 1 provides a review of the Method A - Soil Cleanup Levels for Unresticted Land Uses applicable to these independent remedial actions.

MTCA Section 173-340-740(7) *Compliance Monitoring* also provides accepted evaluation protocols for assessing soil contaminant conditions with cleanup criteria, including data analysis procedures and statistical methods and approaches. Additional information on this evaluation process is included in Section 5.3 of this report.

4.0 SITE CHARACTERIZATION ACTIVITIES

4.1 Prior Environmental Studies - Schade Brewery Parcel

The prior owner of the property, Mr. Mark Leonard, conducted independent remedial actions on the Schade Brewery Parcel 35173.0120 in 2001. The report is identified as:

- *Final Report: Preliminary Phase II Subsurface Soil Characterization, Schade Tower, E. 528 Trent Avenue, Spokane, Washington*, Kleinfelder, Inc., August 6, 2001, Project No. 60-2164-01.

A copy of relevant sections of the prior environmental study is provided in Appendix H. Kleinfelder, Inc. (Kleinfelder) completed a series of nine (9) test pits and three (3) exploratory borings on the Schade Brewery Parcel 35173.0120. Figure 2 in Appendix H provides a plan view of the general test pit and exploratory boring locations. Test pit cross-sections are also included in Appendix H of this report and are listed as Figure 1 through 5 and Boring Log B-1 through B-3. The test pits ranged from 8 to 17 ft. bgs. The test pits were completed on the east side of the Schade Brewery building and in the northern alley. Test pit TP-5 may have been actually completed on the adjacent Parcel 35173.0124, which is included in the Site investigation area. The exploratory borings were completed to depths ranging from 8 to 10.5 ft. bgs. The borings were completed in the asphalt parking area on the northwest corner of the building at the end of the alley. Kleinfelder describes various fill layers and miscellaneous debris and ash materials in their test pit and boring logs. Kleinfelder found no evidence of perched or shallow ground water during the investigation.

Kleinfelder collected up to 10 soil samples from the test pits and exploratory borings, and conducted various combinations of analyses for each of the samples. The tables in Appendix H provide a summary of the sample matrix and analytical results reported by the consultant. The samples were analyzed for gasoline range organics (GRO), DRO, heavy oil range organics, PCBs, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs), including non-carcinogenic PAHs, and carcinogenic PAHs (cPAHs), eight total metals - arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver, and pH, total solids, and total cyanide.

Kleinfelder identified elevated levels of DRO and heavy oil range organics, PCBs, cPAHs, arsenic, cadmium, and lead above Method A and Standard Method B Soil Cleanup Levels for Unrestricted Land Uses (August 15, 2001 MTCA) within the test pit samples. There were no reported COCs above the laboratory method reporting limits or current MTCA cleanup levels in any of the three exploratory borings soil samples. The SLR report Table 2 provides a summary of the Kleinfelder test pit soil sample results reported above the current cleanup levels established for this remedial investigation. Table 2 includes only those sample results reported above the cleanup standards. In general, affected soil above established cleanup levels for the investigated contaminants was identified at varying depths and within a majority of the test pits along the eastern boundary of the Schade Brewery building and the northern alley.

Total lead and cPAHs appear as the predominate COC. Lead concentrations above the MTCA Method A cleanup level was identified in 8 of the 9 soil samples submitted for analysis. All seven soil samples analyzed for cPAHs exhibited concentrations above the MTCA Standard Method B cleanup levels for individual compounds and Method A cleanup level for total cPAHs. PCBs above the Method A cleanup level were detected in test pit TP-8 at 9 ft. bgs. The remaining 9 test pit soil samples all exhibited detectable PCB concentrations (above the laboratory method reporting limit), but were below the cleanup levels.

The test pit soil sample results reported above the MTCA cleanup levels are included in the SLR remedial investigation discussion and figures, where applicable.

*Footnote: The document was obtained by SLR from it's client, American West Bank, through their legal representatives. The document is part of a public record within the Superior Court of the State of Washington files (Case No. 99-2-05511-4) relating to litigation between American West Bank (aka United Security Bank) and Mark Leoanard (aka Schade Tower, LLC and Pro Mark of Washington, Inc.). The limited information obtained from the prior environmental study is provided for purposes of reporting the sampling matrix and analytical results for inclusion into this remedial investigation report only and as a "fair use" by a regulatory agency (WDOE). The use of this documentation is for representational purposes and does not rely on the technical merits, quality assurance and control protocols, findings, or conclusions put forth by the environmental consultant conducting the assessment. There is no expressed or implied contractual, liability, or indemnification conditions or obligations for the prior owner or environmental consultant intended by SLR in using this material. SLR acknowledges any copyright and that permission was not obtained from the environmental consultant for reprinting. Use of the document is on behalf of SLR's client as part of their legal ownership and real property due-diligence documentation.

4.2 SLR Subsurface Exploration Program

SLR planned and implemented the subsurface exploration program to provide site characterization of the nature and extent of the investigated COCs. The soil samples collected during the subsurface exploration program were compared with soil cleanup levels to delineate the areas and depths of soil contamination requiring further remedial actions. The following section provides a discussion of the sampling and analysis plan and general field observations.

4.2.1 Sampling and Analysis Rationale

The subsurface exploration program consisted of an "area-wide" subsurface soil sampling and analysis program. The spatial distribution of the suspected COCs was opined by SLR during development of the sampling and analysis plan to most likely be random and uncertain based on the following information:

- The presence of a significant history of adjacent property and Site land uses and development, and parcel definitions (shapes and layout), since the late 19th Century.
- The documentation of multiple cut-and-fill and site grading episodes for the Site, including the remedial cleanup actions conducted for the former Inland Metals portion of the Site.
- Historical sample and analysis results reported for the Inland Metals (see WDOE Public Records) and Scahde Brewery Parcel (Kleinfelder, 2001) prior environmental studies.

A simple random sampling program was conducted to define the subsurface sampling points. A systematic (fixed distance grid-matrix) sampling approach to define the sample locations was originally intended to make probability or confidence statements, and allow a review of relationships between COC locations and concentrations based on former land uses, soil types and layers, terrain, etc. However, a simple random approach where each sample point was selected independent of the location of other sample points was the default sampling program. SLR determined, as the test pit and exploratory boring program progressed, there was little information or data that allowed a control for native soil and fill comparison or correlation of COC concentrations or locations in relationship to any other physical factors (e.g., PCBs being associated with a single soil or fill horizon, or cPAHs only being associated with a particular portion of the Site).

4.2.2 Test Pit Program Protocols and Field Observations

SLR personnel conducted a subsurface test pit exploration program on March 3, March 23, and April 20, 2004. Test Pits TP1 through TP3 were completed on the eastern portion of the Schade Brewery Parcel 35173.0120

near the parcel boundary line with 35173.0124; test pits TP4 through TP7 were completed on the eastern Parcel 35173.1022, east of the former Inland Metals portion of the Site and within the former Great Northern Pacific Railroad land and vacated Hatch Street right-of-way; and TP8 through TP12 were completed on the former Inland Metals Parcels 35173.0124 and the northwest corner of 35173.0122. Figure 4 provides a plan view of the test pit locations. Baker Construction and Development, Inc. of Spokane, Washington provided the contractor services. The program work scope was defined by a WDOE verbally-approved sampling and analysis program and best professional judgement based on currently known information and in-the-field observations.

Field records were kept by SLR personnel regarding sample locations, soil descriptions, obviously contaminated areas, and other pertinent observations. During the course of the test pit program, obviously evidence of potentially affected soil (e.g., discoloration, odor, water sheen) were recorded from the excavations. Photographs were taken to record the site characterization process. Soil samples were collected using decontaminated stainless steel hand tools or gloved hand either directly from the excavation or with assistance of a backhoe for samples below 4 ft. bgs. The sampling devices were decontaminated between sampling events using an alconox and tap water wash, tap water rinse and isopropanol rinse.

Sample collection and transportation were conducted in accordance with ASTM Standards D4220-95 *Standard Practice for Preserving and Transporting Soil Samples* and D4700-91 *Guide for Soil Sampling from the Vadose Zone*. Collected soil samples were placed in laboratory-provided glass container with polyethylene-lined lids. Soil samples selected for chemical analysis were labeled, dated, and managed under standard chain-of-custody protocol. Samples were placed in an iced cooler and transported to North Creek Analytical of Spokane, Washington.

In general, the Site subsurface soil conditions may be described as variable in profile and strata, with different observations and descriptions generally observed for each test pit. Varying amounts and types of fill materials were observed across the eastern Site area from test pits adjacent to the eastern boundary of the Schade Brewery Parcel 35173.0120 to the east and adjacent to the Spokane River on Parcels 35173.0124 and 35173.0122. Miscellaneous debris was also present in a majority of the test pits, and included brick and concrete pieces, broken glass, and metal parts of various unknown manufacture and origin. The Kleinfelder report documents evidence of burned materials and ash layers. SLR did not identify any ash or similar burn debris.

Section 2.7 Soil Conditions also provides a description of the subsurface soil observations. Additional information on the test pit field descriptions are provided in Appendix G. Photographs with descriptions of the field services are provided in Appendix I.

4.2.3 Exploratory Boring Program Protocols and Field Observations

The exploratory boreholes were located to assess the possible presence and depths of residual subsurface soil COCs located on the western portion of the Site on Parcels 35173.0120 (Schade Brewery land and building) and 35173.0906 between the former and newer Trent Avenue alignment. This Site portion is covered in asphalt paving and landscaped area. The boring locations were also selected based on reasonable and professional judgement of collecting necessary technical data to meet regulatory requirements. Figure 4 provides a plan view of the exploratory boring locations. The exploratory borings were completed by Jasper Mountain Drilling of Priest River, Idaho. SLR personnel provided drilling monitoring, geologic logging, and soil sampling services.

The exploratory borings were completed on February 24, 2004. The seven exploratory boring designations were as follows: B1 through B7. Discrete soil samples were obtained from the soil borings using a split-spoon sampler in accordance with procedures specified in *Test Method for Penetration Test and Split-barrel Sampling of Soils* (ASTM D 1586-84), as feasible or appropriate. All borings were abandoned to ground surface with hydrated bentonite pellets (Holeplug or Enviroplug) and capped with a concrete mixture.

Soil samples were typically collected at 5 ft. intervals from each borehole, or as determined from field conditions and/or best professional judgement. Soils and geologic material encountered at each sample interval were described and the occurrence of petroleum odors and staining were noted. Field screening techniques were employed to document obvious or suspected petroleum contamination, if present. These field techniques included the water sheen test and the methylene chloride test.

Soil samples were collected using decontaminated stainless steel hand tools or gloved hand from the stainless steel split-spoon sampler. The sampling devices were decontaminated between sampling events using an alconox and tap water wash, tap water rinse and isopropanol rinse. Drilling equipment was decontaminated between boreholes with a high-pressure steam cleaner. Sample collection and transportation were conducted in accordance with ASTM Standards D4220-95 *Standard Practice for Preserving and Transporting Soil Samples* and D4700-91 *Guide for Soil Sampling from the Vadose Zone.* Collected soil samples were placed in laboratory-provided glass container with polyethylene-lined lids. Soil samples selected for chemical analysis were labeled, dated, and managed under standard chain-of-custody protocol. Samples were placed in an iced cooler and transported to North Creek Analytical.

In general, the Site subsurface soil conditions at the exploratory borings may be described as variable in profile and strata, with different observations and descriptions generally observed. Varying amounts and types of fill materials were observed across the western portions of the Site on Parcel 35173.0120 and 35173.0906. Miscellaneous debris was not readily discernible in the exploratory borings. SLR did not identify any ash or similar burn debris.

Exploratory boring B7 was inadvertently completed on the adjacent Front Avenue right-of-way (City of Spokane ownership). At the time of the exploratory boring program, the property lines were not properly delineated or known by SLR. Based on the presence of a sidewalk and improved asphalt parking area on the south side of the Schade Brewery building, SLR assumed that these improvements were located on the privately-owned parcel. However, SLR later discovered following the involvement and discussion of the Site property boundaries with Adams & Clark, Inc. (licensed land surveyor), who had conducted prior surveys and furnished data for this report, that the property boundary is located approximately 1 ft. south of the building exterior wall and that these surface improvements appear to encroach on the public right-of-way.

Section 2.7 Soil Conditions also provides a description of the subsurface soil observations. Additional information on the exploratory field descriptions are provided in Appendix G. Photographs with descriptions of the field services are provided in Appendix I.

5.0 REVIEW OF RESIDUAL SOIL CONDITIONS

5.1 Analytical Methods and Laboratory

The site characterization program included collection of near-surface and subsurface soil samples from an area-wide program to delineate the nature and extent of potential COCs in soil. Soil sample laboratory results were reviewed for COCs above the MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses, to identify any patterns of contaminant occurrence and related statistical significance, and to plan for future, potential remedial cleanup action alternatives to meet regulatory compliance standards.

The soil samples were placed in laboratory-provided glass containers with polyethylene-lined lids. Soil samples selected for chemical analysis were labeled, dated, and managed under standard chain-of-custody protocol. Samples were placed in an iced cooler andtransported to North Creek Analytical of Spokane, Washington. The following tables provide information on the laboratory methods, table index with laboratory and statistical data, and appendix index for laboratory reports and statistical review of the COC concentrations and results.

Laboratory Methods

Contaminant of Concern (COC)	Laboratory Method(s)
Gasoline Range Organics (GRO)	NWTPH-HCID
Diesel Range Organics (DRO)	NWTPH-HCID, NWTPH-DX
Heavy or Lube Oil petroleum hydrocarbons	WTPH-HCID, NWTPH-DX
Total Metals	EPA Method 6010/ 7000 Series
polychlorinated biphenyls (PCBs)	EPA Method 8082
polynuclear aromatic hydrocarbons (PAHs)	PAH-SIM (GC/MS)
carcinogenic PAHs (cPAHs)	PAH-SIM (GC/MS)

Tables - Soil Sample Results

Table	Sample Matrix
2	Summary of Kleinfelder Soil Sample Analytical Results
3	Total Petroleum Hydrocarbon Soil Sample Results
4	Total Metals and PCBs Soil Sample Results
5	Polynuclear Aromatic Hydrocarbon Results
6	Statistical Data and Cleanup Standard Summary

Appendices - Laboratory Reports

Appendix	Field Services / Purpose
J	Test Pits - Laboratory Reports
K	Exploratory Borings - Laboratory Report
L	Statistical COC Summaries (MTCAStat Reports)

5.2 Nature and Extent of Residual Soil Contaminants

5.2.1 Petroleum Hydrocarbons

Residual petroleum hydrocarbon affected soil for DRO and heavy oil range organics above the MTCA Method A cleanup level of 2,000 milligrams per kilogram (mg/kg) or parts per million (ppm) are identified in three (3) samples collected by Kleinfelder (2001) during their Phase II subsurface soil characterization. Samples TP-4-12 (test pit TP-4 at 12 ft. bgs), TP-7-5 (test pit TP-7 at 5 ft. bgs), and TP-8-9 (test pit TP-8 at 9 ft. bgs) have DRO or heavy oil range organics concentrations exceeding the cleanup levels. The petroleum hydrocarbon affected area includes soils and fill material horizons or layers near the northeast corner of the Schade Brewery building and eastern and central portions of the northern alley on Parcel 35173.0120.

SLR collected thirty-two samples for NWTPH-HCID or NWTPH-DX analyses, with no evidence reported of petroleum hydrocarbon concentrations above the MTCA Method A cleanup level. The highest heavy oil range organic concentration was identified in sample SB2-2.4 (exploratory boring SB2 at 2.5 ft. bgs) with 734 mg/kg. The highest DRO concentration was identified in sample 70.9 in sample TP11-4.5 (test pit TP11 at 4.5 ft. bgs) with 70.9 mg/kg.

In general, the majority of the Site does not appear to be affected with petroleum hydrocarbon contamination above the MTCA cleanup level, and where it does exceed the criteria appears to be centralized in the area noted in the afore-mentioned Kleinfelder findings. The Kleinfelder samples appear to have been collected in disturbed or filled areas with miscellaneous debris, including bricks, ash, glass & metal pieces, and railroad timbers. Petroleum hydrocarbon odors are reported in test pit TP-8 at 9 ft. bgs. There does not appear to be a correlation between the affected soil samples within the test pits and distinct continuous or contiguous layers or locations due to the variability in filling, mixing, former cleanup actions for Inland Metals in the north half (northern 7.5 ft.) of the alley, and site use and development. SLR did not develop estimates of any total volume of petroleum hydrocarbon affected soil and/or fill materials based on the variability of the contaminant locations and concentrations.

Please refer to attached Appendix H tables and figures and Table 2 of this remedial investigation report for Kleinfelder results. Table 3 of this remedial investigation report provides the total petroleum hydrocarbon laboratory soil sample results for the SLR assessment findings. Residual petroleum hydrocarbon soil contamination above the cleanup levels is depicted in Figure 5.

5.2.2 Total Metals

Residual total metals affected soil for arsenic, cadmium, lead and mercury above the MTCA Method A cleanup levels are identified in thirteen (13) samples collected by Kleinfelder (8 samples) and SLR (5 samples). There were no reported total metals reported in the exploratory boring samples collected by Kleinfelder or SLR above the cleanup levels. The following table summarizes the test pits samples and respective total metals concentrations that exceed the cleanup levels.

Summary of Residual Total Metals Locations and Concentrations

Sample No.	Test Pit	Depth (ft.)	Arsenic (20)	Cadmium (2)	Lead (250)	Mercury (2)
TP-1-12	TP-1	12	-	2.9	712	-
TP-2-8	TP-2	8	-	-	1,530	-
TP-3-13.5	TP-3	13.5	25	2.1	262	-
TP-4-12	TP-4	12	-	-	449	-
TP-6-9	TP-6	9	-	4.6	428	-
TP-8-4	TP-8	4	-	-	262	-
TP-8-9	TP-8	9	-	-	270	-
TP-9-1	TP-9	1	38	5.3	841	-
TP4-2	TP4	2	-	-	690	-
TP4-5	TP4	5	-	-	341	-
TP5-2	TP5	2	-	9.37	2,520	2.47
TP7-2.5	TP7	2.5	32.3	8.91	2,200	2.44
TP-7-5.5	TP7	5.5	-	-	-	2.93

Notes:
All results reported in milligrams per kilogram (mg/kg) or parts per million (ppm)
Number in parentheses following the total metal indicates the MTCA Method A Soil Cleanup Level for Unrestricted Land Use in mg/kg.
Table only reports those total metals concentrations above the respective cleanup levels.

Arsenic appears randomly across the Site, primarily as follows: in Parcel 35173.0120 adjacent to the northeast corner of the loading dock on the east side of the Schade Brewery building; in the western portion of the northern alley of Parcel 35173.0120; and the northern portion of Parcel 35173.0122.

Cadmium appears randomly across the Site, primarily as follows: in Parcel 35173.0120 adjacent to the east side of the loading dock on the east side of the Schade Brewery building; in the east central and western portions of the northern alley of Parcel 35173.0120; in the southeastern portion of the Site in the southeast corner of Parcel 35173.0122; and the northern portion of Parcel 35173.0122.

Lead appears to be primary total metals COC and is exhibited in the following general areas: in Parcel 35173.0120 adjacent to the east side of the loading dock on the east side of the Schade Brewery building and within the northern alley; in the southeastern portion of the Site in the southeast corner of Parcel 35173.0122 and central area of Parcel 35174.0556; and the northern portion of Parcel 35173.0122.

Mercury appears to be more localized to the eastern portion of the Site within the former portions identified as the former Great Northern Pacific Railroad and vacated Hatch Street right-of-ways. The mercury affected materials are found primarily in the following general areas: in the southeastern portion of the Site in the southeast corner of Parcel 35173.0122; and the northern portion of Parcel 35173.0122.

In general, the total metals affected areas include primarily fill materials and disturbed horizons or layers. There does not appear to be a correlation between the affected soil samples within the test pits and distinct continuous or contiguous layers or locations due to the variability in filling, mixing, former cleanup actions for Inland Metals in the north half (northern 7.5 ft.) of the alley, and site use and development. SLR did not develop estimates of any total volumes of metal affected soils and/or fill materials.

Please refer to attached Appendix H tables and figures and Table 2 of this remedial investigation report for Kleinfelder results. Tables 4 of this remedial investigation report provides the total metals laboratory soil sample results for the SLR assessment findings. Residual total metals (all four metals arsenic, cadmium, lead and mercury) soil contamination above the cleanup levels is depicted in Figure 6.

Chromium was also an investigated COC, with highest concentration of 74.6 mg/kg detected in sample SB1-6.5 (exploratory boring SB1 at 6.5 ft. bgs). SLR re-logged the sample to determine if the chromium species was the hexavalent form requiring a lower cleanup level. The laboratory report was non-detectable above laboratory method reporting limits for hexavalent chromium, indicating that an MTCA Method A cleanup level of 2,000 mg/kg would apply for the trivalent chromium that is deemed present.

5.2.3 Polychlorinated Biphenyls

Residual PCB affected soil above the above the MTCA Method A cleanup level of 1.0 is identified in one (1) sample collected by Kleinfelder (2001) during their Phase II subsurface soil characterization. Sample TP-8-9 (test pit TP-8 at 9 ft. bgs) indicated a concentration of 1.365 mg/kg exceeding the cleanup levels. The PCB affected area includes a soil and fill material horizon or layer in the central portion of the northern alley on Parcel 35173.0120.

SLR collected thirty-two samples for PCB analysis. Three (3) soil samples were indicated above the MTCA Method A cleanup level, and included sample SB5-3.5 (exploratory boring SB5 at 3.5 ft. bgs) with 1.04 mg/kg, TP5-2 (test pit TP5 at 2 ft. bgs) with 6.14 mg/kg, and TP7-2.5 (test pit TP7 at 2.5 ft. bgs) with 3.42 mg/kg). These affected soil and/or fill materials are generally located in the following areas: in Parcel 35173.0120 adjacent to the northwest corner of the Schade Brewery building and the western portion of the northern alley; in the southeastern portion of the Site in the southeast corner of Parcel; and the northern portion of Parcel 35173.0122.

Other soil samples with detectable PCB concentrations are reported by Kleinfelder and the SLR assessment, but are below the MTCA Method cleanup level. All ten (10) soil samples submitted by Kleinfelder from their test pits indicate this trend for the Schade Brewery Parcel 35173.0120, with PCB concentrations detected along the east side of the loading dock on the east side of the Schade Brewery building and northern alleyway. Kleinfelder does not report any PCB concentrations detected in any of their three exploratory borings.

However, SLR's exploratory boring SB5 sample SB5-3.5 (3.5 ft. bgs) was collected adjacent to the three Kleinfelder borings and exhibited the PCB concentrations of 1.04 mg/kg. SLR identified the presence of PCBs in other areas, but below the cleanup level as follows: in the southeastern portion of the Site in the southeast corner of Parcel 35173.0122 and central area of Parcel 35174.0556; the central portion of Parcel 35173.0122; and the former Inland Metals portion of the Site that includes all of Parcel 35173.0124 and western portion of Parcel 35173.0122.

In general, the PCB affected areas include primarily fill materials and disturbed horizons or layers. There does not appear to be a correlation between the affected soil samples within the exploratory borings and test pits and distinct, continuous or contiguous layers or locations due to the variability in filling, mixing, former cleanup actions for Inland Metals in the north half (northern 7.5 ft.) of the alley, and site use and development. However, there does appear a general area-wide presence of PCBs associated with the Site as indicated for samples above and below the MTCA cleanup level. SLR did not develop estimates of any total volumes of PCB affected soils and/or fill materials.

Please refer to attached Appendix H tables and figures and Table 2 of this remedial investigation report for Kleinfelder results. Tables 4 of this remedial investigation report provides the PCB laboratory soil sample results for the SLR assessment findings. Residual PCB soil contamination above the cleanup level is depicted in Figure 7.

5.2.4 Carcinogenic PAHs

Residual cPAH affected soil above the total cPAH Method A cleanup level (0.1 mg/kg) and/or individual Method B cleanup levels of 0.137 mg/kg (direct contact, ingestion only) for the seven individual compounds (e.g., chrysene) are identified in thirty-four (34) of thirty-nine (39) samples collected by Kleinfelder (7 samples) and SLR (32 samples). This includes both exploratory boring and test pit samples collected in varying locations and depths.

In general, the cPAH affected areas throughout the whole Site include primarily fill materials and disturbed horizons or layers. There does not appear to be a correlation between the affected soil samples within the exploratory borings and test pits and distinct, continuous or contiguous layers or locations due to the variability in filling, mixing, former cleanup actions for Inland Metals in the north half (northern 7.5 ft.) of the alley, and site use and development. The cPAH contamination may be described as area-wide throughout the whole Site. SLR did not develop estimates of any total volumes of PCB affected soils and/or fill materials.

SLR also calculated the Toxicity Equivalency Factor (TEF) for the seven cPAH compounds used for the assessment using the California Environmental Protection Agency formulas provided under MTCA Chapter 173-340-708(8)(e) and CLARC Version 3.1 Part V Background Information tables. This TEF methodology was used on SLR samples to determine if the combined total concentrations could be reduced based on an individual compound's relative toxicity. However, the exercise did not appreciably change the total cPAH concentrations from the standard cleanup criteria assessment approach. There were fifteen (15) soil samples with calculated TEF total cPAH concentrations out of 32 samples still above the Method B cleanup level.

Please refer to attached Appendix H tables and figures and Table 2 of this remedial investigation report for Kleinfelder results. Tables 5 of this remedial investigation report provides the PAH and cPAH laboratory soil sample results for the SLR assessment findings. Residual cPAH soil contamination above the cleanup level is depicted in Figure 8.

5.3 Review of COC Concentrations and Cleanup Levels

A review of specific COC concentrations was completed by SLR using the MTCA regulation conditions, and WDOE-provided *Statistical Guidance for Ecology Site Managers* (No. 92-54, August 1992) and *MTCAStat97 Site Module*. As stated in MTCA Section 173-340-740(7) *Compliance Monitoring*, the data analysis and evaluation procedures used to evaluate soil cleanup levels must meet several requirements and conditions.

The COCs investigated for this remedial investigation are chronic or carcinogenic threats, as opposed to other contaminants with acute or short-term effects on human health or the environment. MTCA Section 173-340-740(7)(c)(iv)(B) states: "For cleanup levels based on chronic or carcinogenic threats, the true mean soil concentration shall be used to evaluate compliance with cleanup levels". Furthermore, Section 173-340(7)(e) establishes specific data analysis requirements. This Section 173-340-740(7)(e) includes criteria stating that: i) "No single concentration shall be greater than two times the soil cleanup level", and ii) "Less than ten percent of the sample concentrations shall exceed the soil cleanup level". Other requirements are presented in Section 173-340-740(7)(f) for statistical methods to demonstrate compliance with soil cleanup levels where the reported concentrations are below the practical quantitation limit. This condition for meeting method detection or practical quantitation limits (PQL) is important for reviewing the data reported for the Schade Brewery remedial investigation laboratory results. The following sections provide a review of the individual COC concentrations with these cleanup compliance criteria. Table 6 provides a summary of the statistical data and MTCA cleanup standards used for these evaluations. Appendix L presents the MTCAStat97 report for the individual site module calculations.

5.3.1 Petroleum Hydrocarbons

DRO

The laboratory results for DRO sample concentrations indicate two (2) samples (4.8%) are greater than the cleanup level of 2,000 mg/kg. One (1) DRO concentration is reported to be 2 times (2X) the cleanup level. Thirty-two (32) or 78% of the samples were below the method detection limit. DRO sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 179.695 mg/kg, a lognormal mean of 32.437 mg/kg, and a standard deviation of 773.705 mg/kg.

The DRO data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (5 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that both normal and lognormal distributions were not applicable and rejected the data for *MTCAStat97* use in determining the 95% Upper Confidence Limit (UCL) for the true mean. As stated in Section 173-340-740(7)(f)(iv): "If more than fifty percent of the measurements are below the practical quantitation limit, the largest value in the data set shall be used in place of the UCL on the true mean soil concentration". Section 5.2.1 Evaluation of Compliance Monitoring Data Based on Upper Confidence Limit on the Mean of the *Statistical Guidance for Ecology Site Managers* was consulted for data evaluation using non-parametric means with large sample sizes. Based on this guidance and *MTCAStat97* instructions, the following formula was used to calculate the one-sided 95% UCL for the DRO data set for representational purposes only:

$$UCL = \bar{X} + Z_{1-\alpha} (s/\sqrt{n})$$

where: $\bar{X}$ = sample mean

s = sample standard deviation

n = number of samples

$Z_{1-\alpha}$ = value of the Z parameter from the normal distribution for a defined α level. For a one-sided 95% UCL, a value of 1.645 was determined from Table A-6 in the guidance manual.

The one-side 95% UCL for DRO concentrations was calculated as 378.85 mg/kg. Based on this review, the true mean DRO site contamination is below the MTCA Method A cleanup level established for the Site. However, one sample is reported as 2x the Method A cleanup level and therefore out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

Heavy Oil Range TPH

The laboratory results for Heavy Oil range TPH sample concentrations indicate three (3) samples (7.3%) are greater than the cleanup level of 2,000 mg/kg. Two (2) Heavy Oil range TPH concentrations are reported to be

2 times (2X) the cleanup level. Twenty (20) or 48.7% of the samples were below the method detection limit. Heavy oil range TPH sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 824.144 mg/kg, a lognormal mean of 499.649 mg/kg, and a standard deviation of 2,607.975 mg/kg.

The Heavy Oil range TPH data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (12.5 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that both normal and lognormal distributions were not applicable and rejected the data for *MTCAStat97* use in determining the 95% UCL for the true mean. As stated in Section 173-340-740(7)(f)(ii): "When between fifteen and fifty percent of the measurements are below the practical quantitation limit and the data are assumed to be lognormally or normally distributed, Cohen's method shall be used to calculate a corrected mean and standard deviation for use in calculating an UCL on the true mean soil concentration". However, two samples are reported as 2x the Method A cleanup level for Heavy Oil range TPH and therefore out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

5.3.2 Total Metals

Arsenic

The laboratory results for arsenic sample concentrations indicate two (2) samples (4.8%) are greater than the cleanup level of 20 mg/kg. There are no concentrations reported to be 2 times (2X) the cleanup level. Sixteen (16) or 39% of the samples were below the method detection limit. Arsenic sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 5.89 mg/kg, a lognormal mean of 5.547mg/kg, and a standard deviation of 8.076 mg/kg.

The arsenic data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (0.1 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that both normal and lognormal distributions were not applicable and rejected the data for *MTCAStat97* use in determining the 95% UCL for the true mean. As stated in Section 173-340-740(7)(f)(iv): "If more than fifty percent of the measurements are below the practical quantitation limit, the largest value in the data set shall be used in place of the UCL on the true mean soil concentration". Section 5.2.1 Evaluation of Compliance Monitoring Data Based on Upper Confidence Limit on the Mean of the *Statistical Guidance for Ecology Site Managers* was consulted for data evaluation using non-parametric means with large sample sizes. Based on the the aforementioned guidance in MTCA Section 173-340-740(7)(f)(iv), Section 5.2.1 of the *Statistical Guidance for Ecology Site Managers*, and *MTCAStat97* instructions, the formula shown in Section 5.3.1 of this report above was used to calculate the one-sided 95% UCL for the arsenic data set for representational purposes only.

The one-side 95% UCL for arsenic concentrations was calculated as 2.0725 mg/kg. The true mean arsenic contamination is below the MTCA Method A cleanup level established for the Site. There are no samples reported greater than 2x or more than 10% above the the Method A cleanup level. Based on this review the arsenic concentrations are within compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

Cadmium

The laboratory results for cadmium sample concentrations indicate six (6) samples (14.6%) are greater than the cleanup level of 2 mg/kg. Four (4) cadmium concentrations are reported to be 2 times (2X) the cleanup level. Twenty-two (22) or 53.7% of the samples were below the method detection limit. Cadmium sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 1.674 mg/kg, a lognormal mean of 1.66 mg/kg, and a standard deviation of 1.977 mg/kg.

The cadmium TPH data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (12.5 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that both normal and lognormal distributions were not applicable and rejected the data for *MTCAStat97* use in determining the 95% UCL for the true mean. As stated in Section 173-340-740(7)(f)(ii): "When between fifteen and fifty percent of the measurements are below the practical quantitation limit and the data are assumed to be lognormally or normally distributed, Cohen's method shall be used to calculate a corrected mean and standard deviation for use in calculating an UCL on the true mean soil concentration". However, four samples are reported as 2x the Method A cleanup level for cadmium and therefore out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

Chromium

The laboratory results for chromium (trivalent) sample concentrations indicate there were none greater than the cleanup level of 2,000 mg/kg. There are no concentrations reported to be 2 times (2X) the cleanup level. Nine (9) or 21.9% of the samples were below the method detection limit. Chromium sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 13.418 mg/kg, a lognormal mean of 28.382 mg/kg, and a standard deviation of 13.294 mg/kg.

The chromium data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (0.25 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that both normal and lognormal distributions were not applicable and rejected the data for *MTCAStat97* use in determining the 95% UCL for the true mean. As stated in Section 173-340-740(7)(f)(ii): "When between fifteen and fifty percent of the measurements are below the practical quantitation limit and the data are assumed to be lognormally or normally distributed, Cohen's method shall be used to calculate a corrected mean and standard deviation for use in calculating an UCL on the true mean soil concentration". Based on the the aforementioned guidance in MTCA Section 173-340-740(7)(f)(iv), Section 5.2.1 of the *Statistical Guidance for Ecology Site Managers*, and *MTCAStat97* instructions, the formula shown in Section 5.3.1 of this report above was used to calculate the one-sided 95% UCL for the chromium data set for representational purposes only.

The one-side 95% UCL for chromium concentrations was calculated as 16.829 mg/kg. The true mean chromium site contamination is below the MTCA Method A cleanup level established for the Site. There are no samples reported greater than 2x or more than 10% above the Method A cleanup level. Based on this review the chromium concentrations are within compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

Lead

The laboratory results for lead sample concentrations indicate twelve (12) samples (29.2%) are greater than the cleanup level of 250 mg/kg. Six (6) lead concentrations are reported to be 2 times (2X) the cleanup level. Only one (1) or 2.4% of the samples were below the method detection limit. Lead sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 310.599 mg/kg, a lognormal mean of 548.731 mg/kg, and a standard deviation of 552.963 mg/kg.

The lead TPH data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (0.05 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that both normal and lognormal distributions were not applicable and rejected the data for *MTCAStat97* use in determining the 95% UCL for the true mean. As stated in Section 173-340-740(7)(f)(ii): "When between fifteen and fifty percent of the measurements are below the practical quantitation limit and the data are assumed to be lognormally or normally distributed, Cohen's method shall be used to calculate a corrected mean and standard deviation for use in calculating an UCL on the true mean soil concentration".

The one-side 95% UCL for lead concentrations was calculated as 452.98 mg/kg. The true mean lead site contamination is above the MTCA Method A cleanup level established for the Site. In addition, four samples are reported as 2x and more than 10% of the samples were greater than the Method A cleanup level for lead and therefore out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

Mercury

The laboratory results for mercury sample concentrations indicate there were three (3) greater than the cleanup level of 2.0 mg/kg. There are no concentrations reported to be 2 times (2X) the cleanup level. Thirty-two (32) or 78% of the samples were below the method detection limit. Mercury sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 0.277 mg/kg, a lognormal mean of 0.162 mg/kg, and a standard deviation of 0.686 mg/kg.

The mercury data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (0.05 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that both normal and lognormal distributions were not applicable and rejected the data for *MTCAStat97* use in determining the 95% UCL for the true mean. As stated in Section 173-340-740(7)(f)(iv): "If more than fifty percent of the measurements are below the practical quantitation limit, the largest value in the data set shall be used in place of the UCL on the true mean soil concentration". Section 5.2.1 Evaluation of Compliance Monitoring Data Based on Upper Confidence Limit on the Mean of the *Statistical Guidance for Ecology Site Managers* was consulted for data evaluation using non-parametric means with large sample sizes. Based on the the aforementioned guidance in MTCA Section 173-340-740(7)(f)(iv), Section 5.2.1 of the *Statistical Guidance for Ecology Site Managers*, and *MTCAStat97* instructions, the formula shown in Section 5.3.1 of this report above was used to calculate the one-sided 95% UCL for the arsenic data set for representational purposes only.

The one-side 95% UCL for mercury concentrations was calculated as 0.453 mg/kg. The true mean mercury site contamination is below the MTCA Method A cleanup level established for the Site. There are no samples reported greater than 2x or more than 10% above the Method A cleanup level. Based on this review the mercury concentrations are within compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

5.3.3 Polychlorinated Biphenyls

The laboratory results for PCB sample concentrations indicate there were three (3) greater than the cleanup level of 1.0 mg/kg. There are two (2) concentrations reported to be 2 times (2X) the cleanup level. Thirty-one (31) or 75.6% of the samples were below the method detection limit. PCB sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 0.371 mg/kg, a lognormal mean of 0.2 mg/kg, and a standard deviation of 0.1.096 mg/kg.

The PCB data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (0.025 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that both normal and lognormal distributions were not applicable and rejected the data for *MTCAStat97* use in determining the 95% UCL for the true mean. As stated in Section 173-340-740(7)(f)(iv): "If more than fifty percent of the measurements are below the practical quantitation limit, the largest value in the data set shall be used in place of the UCL on the true mean soil concentration". Section 5.2.1 Evaluation of Compliance Monitoring Data Based on Upper Confidence Limit on the Mean of the *Statistical Guidance for Ecology Site Managers* was consulted for data evaluation using non-parametric means with large sample sizes. Based on the the aforementioned guidance in MTCA Section 173-340-740(7)(f)(iv), Section 5.2.1 of the *Statistical Guidance for Ecology Site Managers*, and *MTCAStat97* instructions, the formula shown in Section 5.3.1 of this report above was used to calculate the one-sided 95% UCL for the arsenic data set for representational purposes only.

The one-side 95% UCL for PCB concentrations was calculated as 2.187 mg/kg. The true mean PCB site contamination is above or greater than the MTCA Method A cleanup level established for the Site. There are also three samples reported greater than 2x the Method A cleanup level. Based on this review the PCB concentrations are out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

5.3.4 Carcinogenic PAHs

The laboratory results for total cPAH sample concentrations indicate there were twenty-nine (29) greater than the cleanup level of 0.1 mg/kg. There are twenty-one (21) concentrations reported to be 2 times (2X) the cleanup level. Six (6) or 14.6% of the samples were below the method detection limit. The cPAH sample concentrations were entered into the *MTCAStat97 Site Module.* The standard mean concentration is reported as 11.967 mg/kg, a lognormal mean of 8.201 mg/kg, and a standard deviation of 64.015 mg/kg.

The cPAH data was entered into *MTCAStat97* and a probability plot was calculated. A value of ½ the method reporting limit (0.005 mg/kg) was entered for censored data, those reported below the method reporting limit. The module indicated that a lognormal distribution was applicable for the data in *MTCAStat97* used for determining the 95% UCL for the true mean. The *MTCAStat97* lognormal calculation for total cPAH true mean with a 95% UCL is 38.08 mg/kg.

The true mean total cPAH site contamination is above or greater than the MTCA Method A cleanup level established for the Site. There are also twenty-one samples reported greater than 2x and 70.7% of the samples greater than the Method A cleanup level. Based on this review the total cPAH concentrations are out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e). In addition, individual cPAH concentrations are generally above the MTCA Method B cleanup levels. There was no statistical summary prepared for the individual cPAH constituents.

6.0 SUMMARY AND CONCLUSIONS

Independent remedial actions were conducted for the former Spokane Custom Wood Treating (SCWT) property. The following summary and conclusions are presented based on currently known, readily available data and best professional judgement of the regulatory and professional requirements:

- SLR International Corp. (SLR) has been retained by *American West Bank* (Client) to conduct and document a remedial investigation completed for the Schade Brewery property. The independent remedial cleanup actions were completed pursuant to Washington Department of Ecology (WDOE) rules defined in the *Model Toxics Control Act* (MTCA) (Chapter 173-340 WAC). The independent remedial actions summarized in this report are submitted to the WDOE under the Voluntary Cleanup Program (VCP).

- The Site is located within the incorporated city limits of Spokane, Washington. The Site is located at 528 East Trent Avenue. The Site consists of five (5) Spokane County tax parcels located east of the "Y" intersection of Trent and First Avenues. Trent Avenue is located to the west and north of the Site, while Front Avenue comprises the approximate southern property boundary. A portion of the northeast portion of the Site is located immediately adjacent to the southern bank of the westerly-flowing Spokane River, south of the Trent Avenue bridge. The Site is located in the Southwest and Southeast Quarters of Section 17, Township 25 North, Range 43 East, (W.M.) in Spokane County, Washington.

- The five Site parcels have a significant history of legal segregations, lot line adjustments, and ownership changes in the past 25 years. The historical evidence suggests the Schade Brewery building and parcel was developed in approximately 1903 and was used at various times until the 1950's as a beer and soda brewing/bottling plant. An interim use as a packing plant and homeless shelter is suggested from 1918 to 1933. Portions of the Site and northern adjacent property was purchased in approximately 1957 by Mr. Sam Rykus, who operated the Inland Metals salvage business. It appears a majority of the actual salvage operations (e.g., general material dismantling, automobile crushing, material storage, etc.)

was conducted on the northern adjacent parcel (now a commercial office building with other improvements) and eastern Site parcels. It is reported that the Schade Brewery building and parcel was used for the storage and sale of salvaged metals and other materials from the Inland Metals operations. The eastern Site parcel includes portions of a former railroad side track located along the Spokane River bank, identified as former Great Northern Pacific Railroad, and also includes portions of the vacated Hatch Street right-of-way.

- The Inland Metals portion of the Site has been the subject of regulatory compliance assessment and review by both the WDOE and U.S. Environmental Protection Agency (USEPA). The environmental impacts from historical Inland Metals operations from approximately 1957 through 1986 became the subject of various independent remedial actions by prior land owners and regulatory review processes.

- The Inland Metals site was placed on the WDOE Hazardous Sites List in March 1991 with a ranking of 2. A prior ower completed remedial excavations and building demolition activities on the former Inland Metals site from 1991 through 1992. The WDOE issued a NFA determination on October 23, 1992 for the Inland Metals site, including the land associated with portions of the Site parcels.

- The USEPA also conducted a "Superfund" Site Investigation of the former Inland Metals site under authority of CERLCA in 1995. The USEPA correspondence dated March 31, 1995 to a prior owner indicates they do not anticipate further investigation by this federal agency (no further action).

- The Site is elevated from the Spokane River surface water by approximately 30 ft. and no ground water was encountered in any of the test pits or exploratory soil borings completed on the Site. As the remedial investigation was conducted during spring conditions with increased Spokane River water flow, there does not appear to be any indications of ground water in the shallow soiland geologic stratigraphy within at least 12 ft. of the ground surface. A deeper ground water presence is anticipated, but a depth exceeding 25 to 20 ft. bgs. within the fractures and fissure of the underlying basalt bedrock.

- In general, a majority of the test pit and exploratory soil boring descriptions included several feet of fill materials of varying sources, including silt, sand, and gravel mixtures. The fill materials were present over most of the Site. The gravels, cobbles and boulders associated with the fill materials consisted of both basalt and primarily granitic origin from glacial flood deposits over the underlying bedrock, where encountered. Debris was generally encountered in the fill materials across the Site and included broken glass, brick, and concrete, as well as occasional metal fragments of unknown origin.

- Historical documentation indicated that diesel and heavy oil range petroleum hydrocarbons or organics, polychlorinated biphenyls, non-carcinogenic and carcinogenic polynuclear aromatic hydrocarbons, and five total metals (arsenic, cadmium, chromium, lead, and mercury) were to be investigated for their nature and extent in soils across the Site. These COCs were approved by the WDOE.

- The most recent, prior owner of the property, Mr. Mark Leonard, conducted independent remedial actions on the Schade Brewery Parcel 35173.0120 in 2001. Kleinfelder, completed a series of nine (9) test pits and three (3) exploratory borings on the Schade Brewery Parcel 35173.0120. Kleinfelder identified elevated levels of DRO and heavy oil range organics, PCBs, cPAHs, arsenic, cadmium, and lead above Method A Soil Cleanup Levels for Unrestricted Land Uses within the test pit samples. There were no reported COCs above the laboratory method reporting limits or current MTCA cleanup levels in any of the three exploratory borings soil samples.

- The SLR subsurface exploration program consisted of an "area-wide" subsurface soil sampling and analysis program that began in February 2004. SLR personnel conducted a subsurface test pit exploration program on April 20, March 3, and March 23 and April 20, 2004. Test Pits TP1 through TP3 were completed on the eastern portion of the Schade Brewery Parcel 35173.0120 near the parcel boundary line with 35173.0124; test pits TP4 through TP7 were completed on the eastern Parcel 35173.1022, east of the former Inland Metals portion of the Site and within the former Great Northern

Pacific Railroad land and vacated Hatch Street right-of-way; and TP8 through TP12 were completed on the former Inland Metals Parcels 35173.0124 and the northwest corner of 35173.0122. The exploratory borings were completed on February 24, 2004. The seven exploratory boring designations were as follows: B1 through B7.

- Petroleum Hydrocarbons - In general, the majority of the Site does not appear to be affected with petroleum hydrocarbon contamination above the MTCA cleanup level, and where it does exceed the criteria appears to be centralized in the area noted in the afore-mentioned Kleinfelder findings. For DRO, one sample is reported as 2x the Method A cleanup level and therefore out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e). Two samples are reported as 2x the Method A cleanup level for Heavy Oil range TPH and therefore out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e). In general, the residual petroleum hydrocarbon affected soil is located along the northwest corner of the Schade Building and northern alley.

- Arsenic - The one-side 95% UCL for arsenic concentrations was calculated as 2.0725 mg/kg. The true mean arsenic contamination is below the MTCA Method A cleanup level established for the Site. There are no samples reported greater than 2x or more than 10% above the the Method A cleanup level. Based on this review the arsenic concentrations are within compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

- Cadmium- Four samples are reported as 2x the Method A cleanup level for cadmium and therefore out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

- Chromium - The one-side 95% UCL for chromium concentrations was calculated as 16.829 mg/kg. The true mean chromium site contamination is below the MTCA Method A cleanup level established for the Site. There are no samples reported greater than 2x or more than 10% above the Method A cleanup level. Based on this review the chromium concentrations are within compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

- Lead - The one-side 95% UCL for lead concentrations was calculated as 452.98 mg/kg. The true mean lead site contamination is above the MTCA Method A cleanup level established for the Site. In addition, four samples are reported as 2x and more than 10% of the samples were greater than the Method A cleanup level for lead and therefore out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

- Mercury - The one-side 95% UCL for mercury concentrations was calculated as 0.453 mg/kg. The true mean mercury site contamination is below the MTCA Method A cleanup level established for the Site. There are no samples reported greater than 2x or more than 10% above the Method A cleanup level. Based on this review the mercury concentrations are within compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e).

- In general, the residual total metals affected soil is located on the east side of the Schade Brewery building, in the northern alley, within the northeast portion of the Site, and the southeastern portion of the Site.

- PCBs - The one-side 95% UCL for PCB concentrations was calculated as 2.187 mg/kg. The true mean PCB site contamination is above or greater than the MTCA Method A cleanup level established for the Site. There are also three samples reported greater than 2x the Method A cleanup level. Based on this review the PCB concentrations are out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e). In general, the residual PCB affected soil is located in the western portion of the northern alley, within the northeast portion of the Site, and the southeastern portion of the Site.

- cPAHs - The true mean total cPAH site contamination is above or greater than the MTCA Method A cleanup level established for the Site. There are also twenty-one samples reported greater than 2x and 70.7% of the samples greater than the Method A cleanup level. Based on this review the total cPAH concentrations are out-of-compliance for this COC under the conditions established in MTCA Section 173-340-740(7)(e). In addition, individual cPAH concentrations are generally above the MTCA Method B cleanup levels as provided in the CLARC Version 3.1 Formula Value Tables. There was no statistical summary prepared for the individual cPAH constituents. In general, the whole Site property is affected with residual cPAH affected soils and fill materials.

- The remedial investigation has identified residual contaminant affected soils on the Site, with DRO, Heavy Oil range TPH, cadmium, lead, PCBs, and cPAHs as the primary COCs above the MTCA cleanup levels. In the professional opinion of SLR, these contaminant conditions reflect a potential threat to human health and the environment and will require additional independent remedial actions to mitigate, reduce, and/or remove the risks. At the time of this remedial investigation a cleanup action plan was being prepared to design and implement appropriate remedial alternatives to manage the potential threat to human health and the environment.

7.0 REMARKS AND SIGNATURES

This report has been prepared for the exclusive use of American West Bank and the Washington Department of Ecology. Use of this report, its contents, or any part thereof without expressed or written consent from SLR is herewith disallowed. The findings and conclusions are based on the best available information known or made available; obvious, visual inspection and observations of the subject property at the time of the investigation; analytical results from an independent laboratory, contacts and discussions knowledgeable parties; and opinions and judgments of SLR. Over time the surficial and recorded evidence of some activities may be obscured, obliterated, or unavailable. It is possible that certain adverse conditions could exist at the Subject Site which were not detected in this evaluation.

The purpose of this remedial investigation and site characterization report completed as an independent remedial action under the WDOE VCP is to characterize and document the Site environmental conditions resulting from the releases of contaminants to the soil. This report sets forth SLR's findings and conclusions arising from the scope of services agreed to with the Client, and completed pursuant to the agreed schedule and budget. Subject to these limitations, the independent remedial action is intended to satisfy the standards of care, skill, and diligence customarily provided by environmental professionals performing similar services at the time the services were performed. All findings are based on readily available and reasonably ascertainable information on site conditions present at the time of the assessment and for the regulatory framework in effect at that time. The services provided under this contract included professional opinions and judgements based on data collected from public and private records, interviews with knowledgeable partiesand regulatory agency personnel, field observations and measurements, analytical reports by an independent laboratory, and reasonable interpretation of applicable environmental regulations.

The independent remedial action was designed to identify the approximate vertical and horizontal limits of contaminant affected soil and ground water at the Site investigative areas only. This independent remedial action is, through technical limitations and design, variability in the natural environment, and work scope and budget, not thorough enough to ensure that "absolutely" all contamination has been identified in the investigated area, or in other areas related to this or adjacent properties. There are inherent physical/logistical limitations inherent in subsurface cleanup actions and investigations. No environmental assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property.

The Scope of Services was also derived by balancing the need for identifying subsurface contaminated areas within specific budgetary constraints. Every effort was made to establish a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental assessment and the reduction of uncertainty about unknown conditions resulting from additional information.

Samples collected during the independent remedial action will only indicate the presence or absence of the investigated contaminant within the discrete sampled unit. Although samples were collected from areas most likely to be contaminated by suspected substances based on known conditions, contamination may exist in areas not sampled, or for potential contaminants not selected for analysis and characterization. Consequently, any analytical results should be considered only as indicators of possible site conditions, with specific statistical significance.

This report presents independent remedial actions performed by the Client. The Client acknowledges that SLR has been retained for the sole purpose of assisting the Client in monitoring, documenting, and reporting on the independent remedial actions.

Prepared By:

SLR INTERNATIONAL CORP.
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6/4/04
Date

Reviewed By:

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For: Senior Project Manager

6/4/04
Date

TABLES

SLR
International Corp

TABLE 1: MTCA SOIL CLEANUP LEVELS
Schade Brewery

Contaminant of Concern	Method A - Unrestricted Land Uses
Petroleum Hydrocarbons	
Gasoline Range Organics or TPH	100 / 30
Diesel Range Organics or TPH	2,000
Heavy or Lube Oil TPH	2,000
Total Metals	
arsenic	20
cadmium	2
chromium III	2,000
chromium VI	19
lead	250
mercury	2
Other	
polychlorinated biphenyls (C)	1.0
Polynuclear Aromatic Hydrocarbons	
acenaphthene	na
acenaphthylene	na
anthracene	na
benzo (a) anthracene (C)	0.1
benzo (a) pyrene (C)	0.1
benzo (b) fluoranthene (C)	0.1
benzo (ghi) perylene	na
benzo (k) fluoranthene (C)	0.1
chrysene (C)	0.1
dibenzo (a,h) anthracene (C)	0.1
fluoranthene	na
fluorene	na

TABLE 1: MTCA SOIL CLEANUP LEVELS (continued)
Schade Brewery

Contaminant of Concern	Method A - Unrestricted Land Uses
indeno (1,2,3-cd) pyrene (C)	0.1
naphthalene	5
phenanthrene	na
pyrene	na
Total cPAHs (C)	0.1

Notes:

All soil cleanup levels are reported in milligrams per kilogram (mg/kg) or parts per million (ppm)

na - no cleanup level established within MTCA (Adopted August 2001) using Method A Soil Cleanup Levels for Unrestricted Land Uses (Table 740-1)

Gasoline Range Organics - 100 ppm for gasoline mixtures without benzene and the total of ethylbenzene, toluene, and xylenes are less than 1% of the gasoline mixture, 30 ppm for all other gasoline mixtures

C - designated as a carcinogen

cPAHs - carcinogenic polynuclear aromatic hydrocarbons

TABLE 2: Summary of Kleinfelder Soil Sample Analytical Results

Sample No.	Sample Depth (ft.)	arsenic	cadmium	lead	PCBs	DRO	Heavy Oil Organics
TP-1-12	12		2.9	712			
TP-2-8	8			1,530			
TP-3-13.5	13.5	25	2.1	262			
TP-4-12	12			449		2,600	8,300
TP-6-9	9		4.6	428			
TP-7-5	7						7,770
TP-8-4	4			262			
TP-8-9	9			270	1.365	4,300	13,000
TP-9-1	1	38	5.3	841			
	Method A	20	2	250	1	2,000	2,000

Sample No.	benzo(a)anthracene	chrysene	benzo(b)fluoranthene	benzo(k)fluoranthene	benzo(a)pyrene	indeno(1,2,3-cd)pyrene	dibenzo(a,h)anthracene	Total cPAHs
TP-1-12	1.1	1.4	1.1	1.6	1.5	0.62		7.32
TP-2-8	1.3	1.5	1.2	1	1.2	0.47		6.67
TP-3-13.5	0.42	0.46	0.35	0.38	0.44			2.05
TP-4-12	80	87	70	66	78	24	5.9	410.9
TP-7-5	3.16	5.97	3.1	4.4	3.3	1.34		21.27
TP-8-9	1.7	2.4	1.3	2.6	2.8			10.8
TP-9-1	3.4	3.8	2.6	2.1	2	0.846	0.23	14.976
Method B	0.137	0.137	0.137	0.137	0.137	0.137	0.137	1

Notes:
All results and cleanup levels reported in milligrams per kilogram (mg/kg) or parts per million (ppm)
Only results above MTCA cleanup level are reported for all test pits and exploratory borings
Cleanup levels per MTCA - Model Toxics Control Act, Chapter 173-340 WAC
Method A Soil Cleanup Levels for Unrestricted Land Uses, MTCA Table 740-1
Method B (Standard) Soil Cleanup Level for Unresticted Land Use, Direct Contact Pathway (Ingestion Only)

Schade Brewery Property - Total Petroleum Hydrocarbon Soil Sample Results

Sample No.	Sample Depth (ft.)	HCID-GRO	HCID-DRO	HCID -Heavy Oils	NWTPH - DRO	NWTPH-Heavy Oils
Soil Borings						
SB1-2.5	2.5	ND	ND	ND	na	na
SB1-5	5	ND	ND	ND	na	na
SB1-6.5	6.5	ND	ND	ND	na	na
SB2-2.5	2.5	ND	ND	460	ND	734
SB2-4	4	ND	57	280	na	na
SB3-0.5	0.5	ND	ND	330	ND	425
SB5-2.5	2.5	ND	ND	260	na	na
SB5-3.5	3.5	ND	ND	350	ND	459
SB6-2.5	2.5	ND	ND	200	na	na
SB6-5	5	ND	ND	180	na	na
SB7-2.5	2.5	ND	ND	110	na	na
Test Pits						
TP1-2.5	2.5	ND	ND	ND	na	na
TP1-7.5	7.5	ND	ND	ND	na	na
TP2-3.5	3.5	ND	ND	ND	na	na
TP2-8	8	ND	ND	ND	na	na
TP3-3	3	ND	ND	420	na	na
TP3-7	7	ND	ND	ND	na	na
TP3-10	10	ND	ND	ND	na	na
TP4-2	2	ND	69	240	na	na
TP4-5	5	ND	ND	130	na	na
TP5-2	2	ND	ND	230	na	na
TP5-3.5	3.5	ND	ND	ND	na	na
TP6-2.5	2.5	ND	ND	ND	na	na
TP6-6	6	ND	ND	ND	na	na
TP7-2.5	2.5	ND	63	300	na	na
TP7-5.5	5.5	ND	ND	ND	na	na
TP8-2	2	na	na	na	ND	ND
TP8-7	7	na	na	na	23.3	84.8
TP9-1	1	na	na	na	10.3	45.5
TP10-1	1	na	na	na	14	72.3
TP11-2	2	na	na	na	ND	28.3
TP11-4.5	4.5	na	na	na	70.9	271
MTCA	Method A Unrestricted	0.3	2,000	2,000	2,000	2,000

Notes:

All results and cleanup levels reported in milligrams per kilogram (mg/kg) or parts per million (ppm)

MTCA - Model Toxics Control Act, Chapter 173-340 WAC

Method A Soil Cleanup Levels for Unrestricted Land Uses, MTCA Table 740-1

ND - not detected above laboratory method reporting limits

na - not analyzed

HCID - analysis for hydrocarbon identification by NWTPH-HCID with semi-quantitative report

NWTPH - analysis for DRO and Heavy Oil semi-volatile petroleum products by NWTPH-DX

GRO - gasoline range organics

DRO - diesel range organics

Heavy Oil - heavy oil range petroleum hydrocarbons

Schade Brewery Property - Total Metals and PCBs Soil Sample Results

Sample No.	Sample Depth (ft.)	Arsenic	Cadmium	Chromium	Lead	Mercury	PCBs
Soil Borings							
SB1-2.5	2.5	10.5	0.366	12	112	ND	ND
SB1-5	5	3.93	0.201	16.1	83.3	ND	ND
SB1-6.5	6.5	3.02	ND	74.6 (III)	39	ND	ND
SB2-2.5	2.5	ND	ND	10.2	104	ND	ND
SB2-4	4	2.84	ND	18.8	97.1	ND	ND
SB3-0.5	0.5	ND	ND	7.21	46.4	ND	ND
SB5-2.5	2.5	4.04	0.316	17.4	117	ND	ND
SB5-3.5	3.5	ND	0.278	10.2	62.2	ND	**1.04**
SB6-2.5	2.5	ND	ND	5.56	24.9	ND	ND
SB6-5	5	ND	ND	5.22	16.5	ND	ND
SB7-2.5	2.5	ND	0.574	9.09	71	ND	ND
Test Pits							
TP1-2.5	2.5	9.97	ND	11.6	10.9	ND	ND
TP1-7.5	7.5	9.57	ND	14.7	78.7	0.14	ND
TP2-3.5	3.5	4.33	ND	11.9	86.9	0.16	ND
TP2-8	8	5.14	ND	16.1	103	ND	ND
TP3-3	3	3.01	ND	11.3	91.6	ND	ND
TP3-7	7	3.79	ND	8.39	10.8	ND	ND
TP3-10	10	2.93	ND	18.2	126	ND	ND
TP4-2	2	8.49	1.97	16	**690**	1.02	0.562
TP4-5	5	7.33	0.955	20.2	**341**	0.246	ND
TP5-2	2	6.03	**9.37**	30.7	**2,520**	**2.47**	**6.14**
TP5-3.5	3.5	ND	ND	16.4	9.31	ND	ND
TP6-2.5	2.5	3.15	0.349	14.4	97.5	0.31	0.224
TP6-6	6	ND	ND	5.62	13.8	ND	ND
TP7-2.5	2.5	**32.3**	**8.91**	39	**2,200**	**2.44**	**3.42**
TP7-5.5	5.5	ND	0.872	12.3	144	**2.93**	0.23
TP8-2	2	8.1	ND	12.1	17.5	ND	ND
TP8-7	7	4.45	0.907	17.6	184	0.278	0.867
TP9-1	1	8.45	0.482	15.5	94.4	0.134	0.205
TP10-1	1	10.2	0.647	19	142	0.152	0.392
TP11-2	2	5.69	ND	21.7	40.7	ND	ND
TP11-4.5	4.5	ND	1.19	28.8	205	0.411	0.166
MTCA	Method A Unrestricted	**20**	**2**	**19 (VI), 2,000 (III)**	**250**	**2**	**1**

Notes:

All results and cleanup levels reported in milligrams per kilogram (mg/kg) or parts per million (ppm)

Concentrations shown in **bold** type indicate exceedance of cleanup level

MTCA - Model Toxics Control Act, Chapter 173-340 WAC

Method A Soil Cleanup Levels for Unrestricted Land Uses, MTCA Table 740-1

ND - not detected above laboratory method reporting limits

PCBs - polychlorinated biphenyls

VI - Hexavalent Chromium

III - Trivalent Chromium

Schade Brewery Property - Polynuclear Aromatic Hydrocarbon Soil Sample Results

Sample	Sample Depth	acenaphthene	acenaphthylene	anthracene	benzo (a) anthracene [1]	benzo (a) pyrene [1]	benzo (b) flouranthene [1]	benzo (ghi) perylene	benzo (k) fluoranthene [1]	chrysene [1]	dibenzo (a,h) anthracene [1]	fluoranthene
Soil Borings												
SB1-2.5	2.5	ND	ND	0.0533	0.04	0.0372	0.033	0.0239	0.0274	0.04	ND	0.0625
SB1-5	5	ND	ND	0.0317	0.0245	0.0231	0.0223	0.0151	0.018	0.0252	ND	0.0353
SB1-6.5	6.5	ND	ND	0.0301	0.0224	0.0196	0.0182	0.0126	0.0154	0.0217	ND	0.0329
SB2-2.5	2.5	ND	ND	0.1	**0.1**	**0.1**	ND	ND	ND	**0.115**	ND	0.158
SB2-4	4	ND	ND	1.81	**1.42**	**1.26**	**0.992**	0.567	**0.949**	1.29	0.241	2.62
SB3-0.5	0.5	ND	ND	0.0713	0.057	0.0713	ND	ND	ND	0.0713	ND	0.0856
SB5-2.5	2.5	ND	ND	ND	0.0845	0.0986	0.0986	0.113	ND	**0.113**	ND	0.127
SB5-3.5	3.5	ND	ND	ND	0.085	0.0567	ND	ND	ND	0.0567	ND	0.0567
SB6-2.5	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB6-5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB7-2.5	2.5	ND	ND	0.373	**0.337**	**0.271**	**0.212**	0.117	**0.227**	**0.3**	ND	0.534
Test Pits												
TP1-2.5	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP1-7.5	7.5	0.0321	ND	0.299	**0.203**	**0.176**	**0.119**	0.0971	**0.116**	**0.172**	0.0381	0.311
TP2-3.5	3.5	0.024	ND	0.307	**0.301**	**0.206**	**0.191**	0.111	**0.181**	**0.25**	0.0255	0.414
TP2-8	8	0.0146	ND	0.154	**0.124**	**0.111**	0.0811	0.0518	0.0759	**0.104**	0.027	0.178
TP3-3	3	ND	ND	0.137	**0.121**	**0.167**	ND	0.213	ND	**0.167**	ND	ND
TP3-7	7	ND	ND	0.0835	0.0676	0.0552	0.0393	0.0324	0.0373	0.0607	0.0104	0.0897
TP3-10	10	0.0164	ND	0.219	**0.171**	**0.147**	**0.108**	0.0595	0.103	**0.14**	0.0305	0.241
TP4-2	2	0.301	ND	1.45	**0.851**	**0.968**	**1.57**	0.235	**0.77**	**1.06**	ND	2.41
TP4-5	5	ND	ND	0.164	**0.171**	**0.216**	**0.424**	ND	**0.208**	**0.268**	ND	0.438
TP5-2	2	0.229	ND	1.18	**0.585**	**0.671**	**1.11**	ND	**0.798**	**0.79**	ND	1.98
TP5-3.5	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP6-2.5	2.5	ND	0.0353	0.146	**0.189**	**0.22**	**0.176**	0.121	**0.186**	**0.182**	ND	0.387
TP6-6	6	ND	ND	0.0231	**0.258**	0.0356	0.0267	ND	0.0338	0.0391	ND	0.0667
TP7-2.5	2.5	ND	0.115	0.575	**1.15**	**1.52**	**1.19**	0.36	**1.42**	**1.64**	ND	4.64
TP7-5.5	5.5	0.249	0.0905	0.364	**0.336**	**0.333**	**0.233**	0.132	**0.266**	**0.395**	ND	1.28
TP8-2	2	ND	ND	ND	ND	0.0248	0.0124	ND	ND	0.0151	ND	0.0282
TP8-7	7	ND	ND	0.104	0.0576	ND	ND	ND	0.0288	0.0691	ND	0.16
TP9-1	1	ND	ND	0.137	**0.122**	0.0958	0.0224	ND	0.0783	0.136	ND	0.267
TP10-1	1	ND	ND	0.348	**0.248**	ND	ND	ND	0.0851	**0.316**	ND	0.571
TP11-2	2	ND	ND	0.033	**0.239**	ND	ND	ND	ND	0.0239	ND	0.054
TP11-4.5	4.5	ND	ND	0.285	**0.235**	ND	ND	ND	ND	**0.26**	ND	0.503
MTCA	**Method A Unrestricted**	**na**	**na**	**na**	**0.1**	**0.1**	**0.1**	**na**	**0.1**	**0.1**	**0.1**	**na**

Schade Brewery Property - Polynuclear Aromatic Hydrocarbon Soil Sample Results

Sample	Sample Depth	fluorene	indeno (1,2,3-cd) pyrene[1]	1-methylnaphthalene	2-methylnaphthalene	naphthalene	phenanthrene	pyrene	Total cPAHs	TEF Total cPAHs[2]
Soil Borings										
SB1-2.5	2.5	ND	0.0211	0.0218	0.0133	0.0199	0.0498	0.0744	**0.1987**	0.04975
SB1-5	5	ND	0.013	0.0173	0.0108	0.0101	0.0295	0.0447	**0.1261**	0.03113
SB1-6.5	6.5	ND	0.0112	0.0126	ND	ND	0.0273	0.0393	**0.1085**	0.02654
SB2-2.5	2.5	ND	ND	ND	ND	ND	ND	0.201	**0.315**	0.11115
SB2-4	4	ND	**0.524**	ND	ND	ND	1.7	3.22	**6.676**	**1.7578**
SB3-0.5	0.5	ND	ND	ND	ND	ND	0.057	0.128	**0.1996**	0.07771
SB5-2.5	2.5	ND	0.0845	ND	ND	ND	ND	0.155	**0.4792**	**0.12649**
SB5-3.5	3.5	ND	ND	ND	ND	ND	ND	0.085	**0.1984**	0.06577
SB6-2.5	2.5	ND	ND	ND	ND	ND	ND	0.0575	ND	ND
SB6-5	5	ND	ND	ND	ND	ND	ND	0.0282	ND	ND
SB7-2.5	2.5	ND	**0.117**	ND	ND	ND	0.344	0.593	**1.464**	**0.3633**
Test Pits										
TP1-2.5	2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP1-7.5	7.5	0.0239	0.0881	0.0157	ND	0.0343	0.28	0.424	**0.9122**	**0.24557**
TP2-3.5	3.5	0.0165	0.113	ND	0.0105	ND	0.287	0.573	**1.2675**	**0.2973**
TP2-8	8	0.0102	0.0518	ND	ND	ND	0.144	0.247	**0.5748**	**0.15612**
TP3-3	3	ND	ND	ND	ND	ND	0.121	0.182	**0.455**	**0.18077**
TP3-7	7	ND	0.0235	ND	ND	ND	0.0708	0.142	**0.294**	0.07674
TP3-10	10	0.0141	0.0603	ND	ND	ND	0.204	0.358	**0.7598**	**0.20483**
TP4-2	2	0.191	0.11	0.213	0.161	0.132	1.65	2.17	**5.329**	**1.3087**
TP4-5	5	ND	ND	0.164	0.126	ND	0.193	0.349	**1.287**	**0.29898**
TP5-2	2	0.158	ND	0.261	0.197	0.134	1.45	1.6	**3.954**	**0.9282**
TP5-3.5	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP6-2.5	2.5	ND	0.0985	0.137	0.0752	0.0879	0.167	0.364	**1.0515**	**0.28677**
TP6-6	6	ND	ND	0.016	0.0107	0.0107	0.0267	0.0507	**0.3932**	0.06784
TP7-2.5	2.5	ND	0.123	0.123	0.146	ND	0.981	3.19	**7.043**	**1.9247**
TP7-5.5	5.5	0.199	0.0912	0.21	0.194	0.271	1.47	1.13	**1.6542**	**0.42957**
TP8-2	2	ND	ND	ND	ND	ND	0.0227	0.0255	0.0523	0.02619
TP8-7	7	ND	ND	0.0108	0.0936	0.072	0.0122	ND	**0.1555**	0.00933
TP9-1	1	ND	ND	ND	ND	ND	0.125	0.148	**0.4545**	**0.11943**
TP10-1	1	ND	ND	ND	ND	ND	0.312	0.34	**0.6491**	0.03647
TP11-2	2	ND	ND	ND	ND	ND	0.0295	0.0309	**0.2629**	0.02414
TP11-4.5	4.5	ND	ND	ND	ND	ND	0.26	0.352	**0.495**	0.0261
MTCA	**Method A Unrestricted**	**na**	**0.1**	**na**	**na**	**5**	**na**	**na**	**0.1**	**0.1**

Schade Brewery Property - Polynuclear Aromatic Hydrocarbon Soil Sample Results

Notes:
All results and cleanup levels reported in milligrams per kilogram (mg/kg) or parts per million (ppm)
Results in **bold** indicate concentration above MTCA Method A Soil Cleanup Level for Unrestricted Land Uses
ND - not detected above laboratory method reporting limit (PQL)
na - not available or analyzed
1) Designated as a carcinogenic polynuclear aromatic hydrocarbon (cPAH)
2) TEF - toxicity equivalency factor per California EPA under WAC 173-340-708(8)(e) and CLARC Version 3.1, Part V Background Information

TABLE 6: Schade Brewery - Statistical Data and Cleanup Standard Summary

Sample No.	Sample Depth (ft.)	DRO	Heavy Oils	Arsenic	Cadmium	Chromium	Lead	Mercury	PCBs	Total cPAHs
SB1-2.5	2.5	5	12.5	10.5	0.366	12	112	0.05	0.025	0.1987
SB1-5	5	5	12.5	3.93	0.201	16.1	83.3	0.05	0.025	0.1261
SB1-6.5	6.5	5	12.5	3.02	0.1	74.6 (III)	39	0.05	0.025	0.1085
SB2-2.5	2.5	5	734	1.25	1.25	10.2	104	0.05	0.025	0.315
SB2-4	4	57	280	2.84	1.25	18.8	97.1	0.05	0.025	6.676
SB3-0.5	0.5	5	425	1.25	1.25	7.21	46.4	0.05	0.025	0.1996
SB5-2.5	2.5	5	260	4.04	0.316	17.4	117	0.05	0.025	0.4792
SB5-3.5	3.5	5	459	1.25	0.278	10.2	62.2	0.05	1.04	0.1984
SB6-2.5	2.5	5	200	1.25	1.25	5.56	24.9	0.05	0.025	0.005
SB6-5	5	5	180	1.25	1.25	5.22	16.5	0.05	0.025	0.005
SB7-2.5	2.5	5	110	1.25	0.574	9.09	71	0.05	0.025	1.464
TP1-2.5	2.5	5	12.5	9.97	1.25	11.6	10.9	0.05	0.025	0.005
TP1-7.5	7.5	5	12.5	9.57	1.25	14.7	78.7	0.14	0.025	0.24557
TP2-3.5	3.5	5	12.5	4.33	1.25	11.9	86.9	0.16	0.025	0.2973
TP2-8	8	5	12.5	5.14	1.25	16.1	103	0.05	0.025	0.15612
TP3-3	3	5	420	3.01	1.25	11.3	91.6	0.05	0.025	0.18077
TP3-7	7	5	12.5	3.79	1.25	8.39	10.8	0.05	0.025	0.07674
TP3-10	10	5	12.5	2.93	1.25	18.2	126	0.05	0.025	0.20483
TP4-2	2	69	240	8.49	1.97	16	690	1.02	0.562	1.3087
TP4-5	5	5	130	7.33	0.955	20.2	341	0.246	0.025	0.29898
TP5-2	2	5	230	6.03	9.37	30.7	2,520	2.47	6.14	0.9282
TP5-3.5	3.5	5	12.5	1.25	1.25	16.4	9.31	0.05	0.025	0.005
TP6-2.5	2.5	5	12.5	3.15	0.349	14.4	97.5	0.31	0.224	0.28677
TP6-6	6	5	12.5	1.25	1.25	5.62	13.8	0.05	0.025	0.06784
TP7-2.5	2.5	63	300	32.3	8.91	39	2,200	2.44	3.42	1.9247
TP7-5.5	5.5	5	12.5	1.25	0.872	12.3	144	2.93	0.23	0.42957
TP8-2	2	5	12.5	8.1	1.25	12.1	17.5	0.05	0.025	0.2619
TP8-7	7	23.3	84.8	4.45	0.907	17.6	184	0.05	0.867	0.00933
TP9-1	1	10.3	45.5	8.45	0.482	15.5	94.4	0.05	0.205	0.11943
TP10-1	1	14	72.3	10.2	0.647	19	142	0.05	0.392	0.03647
TP11-2	2	5	28.3	5.69	1.25	21.7	40.7	0.05	0.025	0.02414
TP11-4.5	4.5	70.9	271	1.25	1.19	28.8	205	0.05	0.025	0.0261
(K)TP-1-12	12	5	12.5	1.25	2.9	0.25	712	0.05	0.025	7.32
(K)TP-2-8	8	5	12.5	1.25	1.25	0.25	1,530	0.05	0.025	6.67
(K)TP-3-13.5	13.5	5	12.5	25	2.1	0.25	262	0.05	0.025	2.05
(K)TP-4-12	12	2,600	8,300	1.25	1.25	0.25	449	0.05	0.025	410.9
(K)TP-6-9	9	5	12.5	1.25	4.6	0.25	428	0.05	0.025	0.005
(K)TP-7-5	7	5	7,770	1.25	1.25	0.25	0.05	0.05	0.025	21.27
(K)TP-8-4	4	5	12.5	1.25	1.25	0.25	262	0.05	0.025	0.005
(K)TP-8-9	9	4,300	13,000	1.25	1.25	0.25	270	0.05	1.365	10.8
(K)TP-9-1	1	5	12.5	38	5.3	0.25	841	0.05	0.025	14.976
	Number Below Detection Limit	32	20	16	22	9	1	32	31	6
	% Below Detection Limit	78%	48.70%	39%	53.70%	21.90%	2.40%	78%	75.60%	14.60%
	Method A Unrestricted Cleanup Level	*2,000*	*2,000*	*20*	*2*	*2,000*	*250*	*2*	*1*	*0.1*
	Number Greater Than Cleanup Level	2	3	2	6	0	12	3	3	29
	% Greater Than Cleanup Level	4.80%	7.30%	4.80%	**14.60%**	0%	**29.20%**	7.30%	7.30%	**70.70%**
	Number 2X Cleanup Level	1	**2**	0	**4**	0	**6**	0	**2**	**21**
	Standard Mean	179.695	824.144	5.890	1.674	13.418	**310.599**	0.277	0.371	**11.967**
	95% UCL True Mean	378.85	na	2.0725	na	16.829	**452.98**	0.453	**2.187**	**38.08**
	Compliance w/ MTCA Standards	Yes	**No**	Yes	**No**	Yes	**No**	Yes	**No**	**No**

SLR International Corp. Project No. 003.0156.00002 (May 2004)

TABLE 6: Schade Brewery - Statistical Data and Cleanup Standard Summary

Notes:
All results and cleanup levels reported in milligrams per kilogram (mg/kg) or parts per million (ppm)
Summary items shown in bold indicated non-compliance with MTCA soil cleanup standards (Section 740 et al)
MTCA - Model Toxics Control Act, Chapter 173-340 WAC
Method A Soil Cleanup Levels for Unrestricted Land Uses, MTCA Table 740-1
HCID - analysis for hydrocarbon identification by NWTPH-HCID with semi-quantitative report
NWTPH - analysis for DRO and Heavy Oil semi-volatile petroleum products by NWTPH-DX
DRO - diesel range organics
Heavy Oil - heavy oil range petroleum hydrocarbons
PCBs - polychlorinated biphenyls
cPAHs - sum of all carcinogenic polynuclear aromatic hydrocarbons
True Mean - sum of all sample concentrations divided by number of samples
MDL - minimun detection limit or practical quantitation limit. All results below MDL assigned concentration value of 1/2 the MDL

FIGURES

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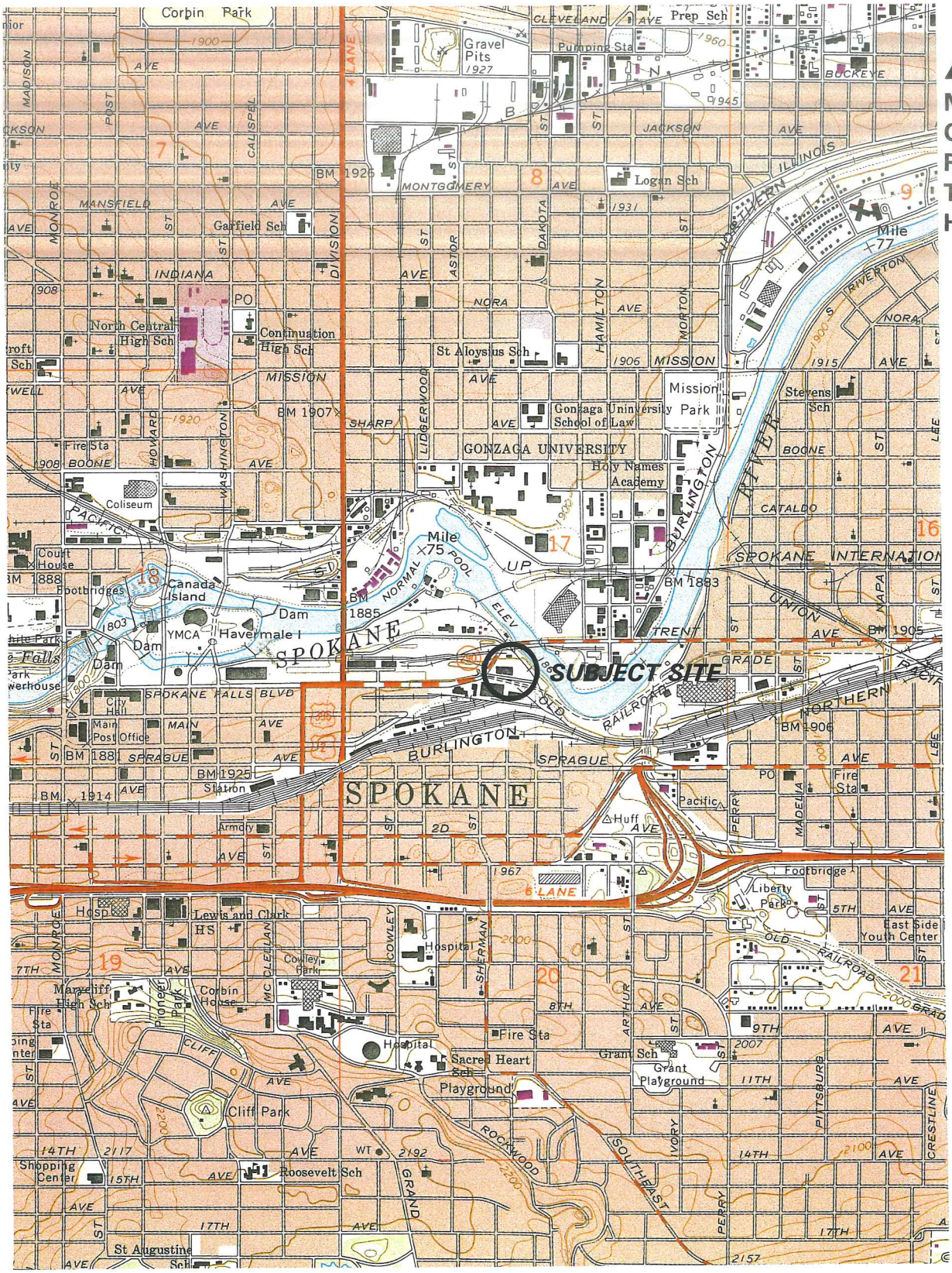
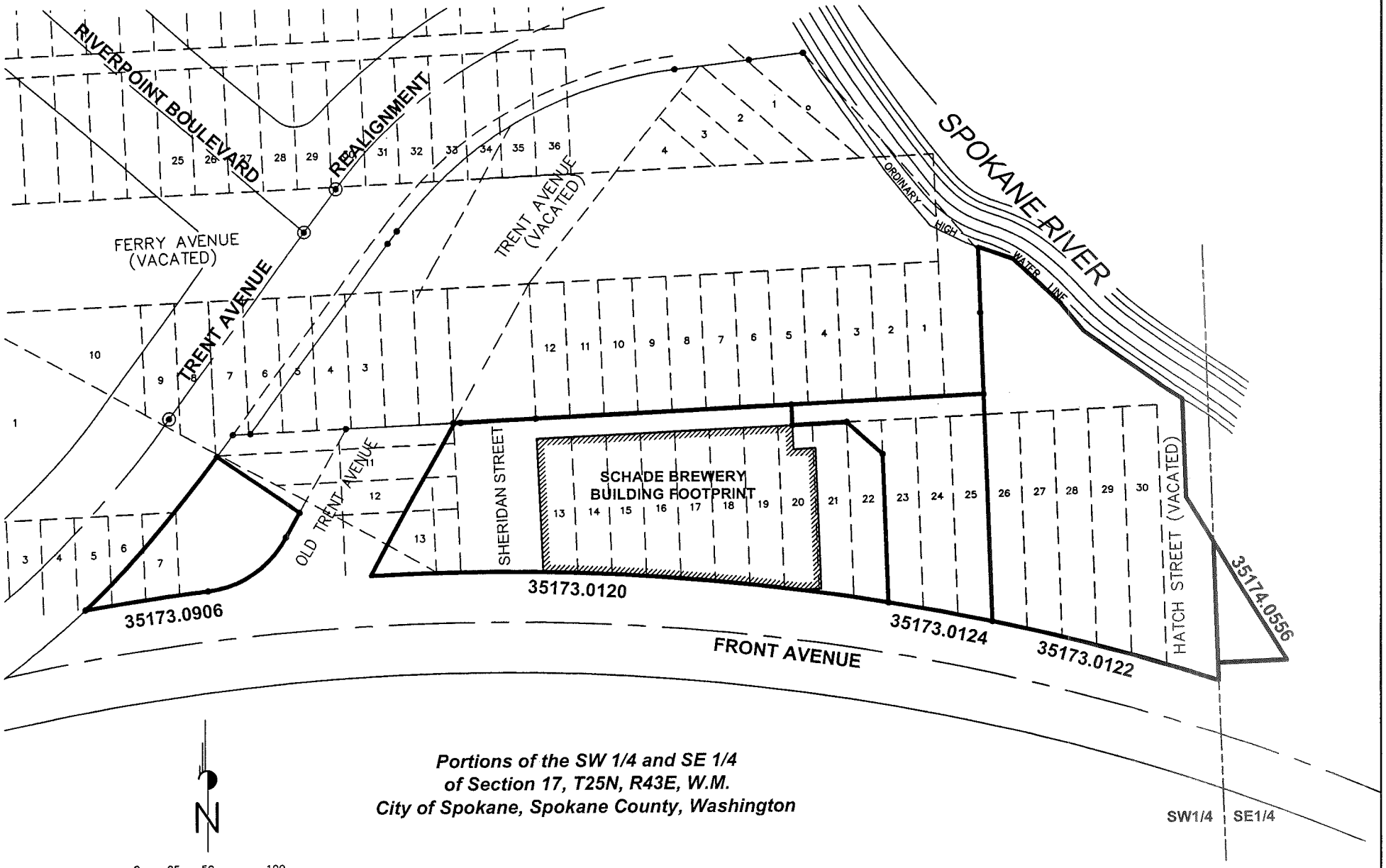
International Corp



SOURCE: USGS 7.5 Minute Topographic Quadrangle, Spokane NW, Washington (1986)

FIGURE 1	**SITE LOCATION MAP**	DATE: May 2004
PN 003.0156.00002	Schade Brewery Property	SCALE: 1:24,000
SLR International Corp.	528 East Trent Avenue	DRWN: USGS
Spokane, Washington	Spokane, Washington	CHKD: SN

SLR International Corp



Portions of the SW 1/4 and SE 1/4
of Section 17, T25N, R43E, W.M.
City of Spokane, Spokane County, Washington

N

0 25 50 100

Base Map Source: Adams & Clark, Inc.

For Representational Purposes Only
All locations and distances are approximate
Tax ID parcel boundaries based on currently known descriptions

SLR International Corp

FIGURE 2

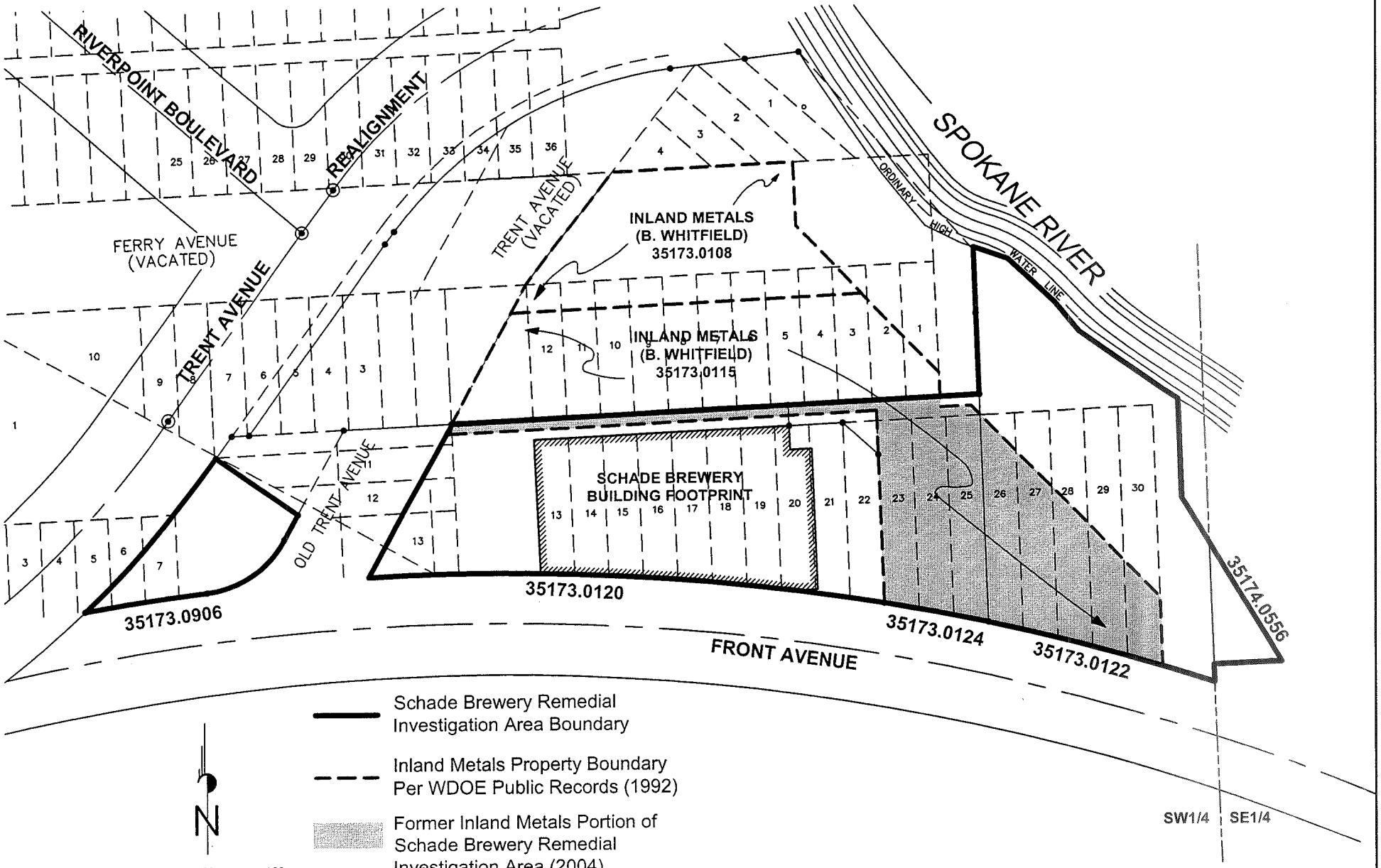
SLR NO. 003.0156.00002

SLR INTERNATIONAL, CORP.
Spokane, Washington

DRAWN: Jasper GeoGraphics | CHECKED: JEL

Remedial Investigation
TAX PARCEL IDENTIFICATION
American West Bank
Schade Brewery and Adjoining Parcels
Spokane, Washington

DATE: May 2004 | SCALE: 1"=100'



Map Sources: Adams & Clark, Inc. Spokane County Assessor's Office, WDOE Public Records

For Representational Purposes Only
All locations and distances are approximate
Tax ID parcel boundaries based on currently known descriptions

SLR International Corp

FIGURE 3

SLR NO. 003.0156.00002

SLR INTERNATIONAL, CORP.
Spokane, Washington

DRAWN: Jasper GeoGraphics | CHECKED: JEL

Remedial Investigation
INLAND METALS PROPERTY & SCHADE BREWERY INVESTIGATION AREA
American West Bank
Schade Brewery and Adjoining Parcels
Spokane, Washington

DATE: May 2004 | SCALE: 1"=100'

RIVERPOINT BOULEVARD

FERRY AVENUE (VACATED)

TRENT AVENUE REALIGNMENT

TRENT AVENUE (VACATED)

SPOKANE RIVER

ORDINARY HIGH WATER LINE

SB5

SB4

SB3

SB2

SB1

SB6

SB7

OLD TRENT AVENUE

SCHADE BREWERY BUILDING FOOTPRINT

TP1

TP2

TP3

TP4

TP5

TP6

TP7

TP8

TP9

TP10

TP11

TP12

35173.0906

35173.0120

35173.0124

35173.0122

35174.0556

FRONT AVENUE

SW1/4 SE1/4

SB1 EXPLORATORY BORING LOCATION & NUMBER

TP1 TEST PIT LOCATION & NUMBER

For Representational Purposes Only
All locations and distances are approximate
Tax ID parcel boundaries based on currently known descriptions

Base Map Source: Adams & Clark, Inc.

N

0 25 50 100

SLR International Corp

FIGURE 4

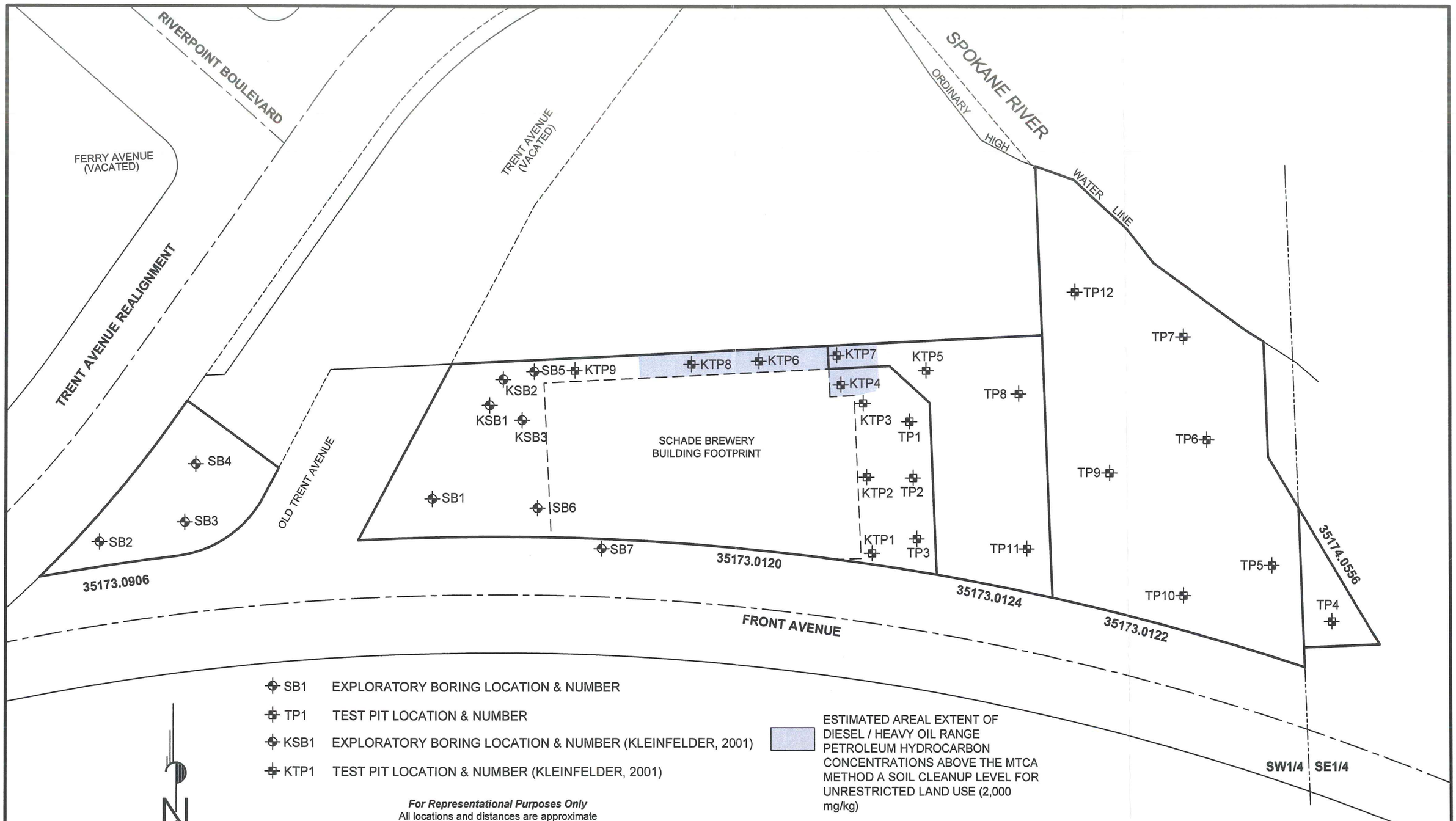
SLR NO. 003.0156.00002

SLR INTERNATIONAL., CORP.
Spokane, Washington

DRAWN: Jasper GeoGraphics | CHECKED: JEL

Remedial Investigation
EXPLORATORY BORING & TEST PIT LOCATIONS
American West Bank
Schade Brewery and Adjoining Parcels
Spokane, Washington

DATE: May 2004 | SCALE: 1"=60'



SLR International Corp	**FIGURE 5**	Remedial Investigation
	SLR NO. 003.0156.00002	**PETROLEUM HYDROCARBON AFFECTED SOIL**
	SLR INTERNATIONAL, CORP. Spokane, Washington	American West Bank *Schade Brewery and Adjoining Parcels* Spokane, Washington
DRAWN: Jasper GeoGraphics	CHECKED: JEL	DATE: May 2004 / SCALE: 1"=60'

RIVERPOINT BOULEVARD

FERRY AVENUE (VACATED)

TRENT AVENUE REALIGNMENT

TRENT AVENUE (VACATED)

SPOKANE RIVER

ORDINARY HIGH WATER LINE

OLD TRENT AVENUE

SCHADE BREWERY BUILDING FOOTPRINT

SB1 SB2 SB3 SB4 SB5 SB6 SB7

KSB1 KSB2 KSB3

KTP1 KTP2 KTP3 KTP4 KTP5 KTP6 KTP7 KTP8 KTP9

TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12

35173.0906

35173.0120

35173.0124

35173.0122

35174.0556

FRONT AVENUE

SW1/4 SE1/4

SB1 EXPLORATORY BORING LOCATION & NUMBER

TP1 TEST PIT LOCATION & NUMBER

KSB1 EXPLORATORY BORING LOCATION & NUMBER (KLEINFELDER, 2001)

KTP1 TEST PIT LOCATION & NUMBER (KLEINFELDER, 2001)

ESTIMATED AREAL EXTENT OF TOTAL METALS (ARSENIC, CADMIUM, LEAD, MERCURY) CONCENRATIONS ABOVE MTCA METHOD A SOIL CLEANUP LEVELS FOR UNRESTRICTED LAND USE (As - 20mg/kg, Cd - 2 mg/kg, Pb - 250 mg/kg, Hg - 2 mg/kg)

N

0 25 50 100

For Representational Purposes Only
All locations and distances are approximate
Tax ID parcel boundaries based on currently known descriptions

Base Map Source: Adams & Clark, Inc.

SLR International Corp

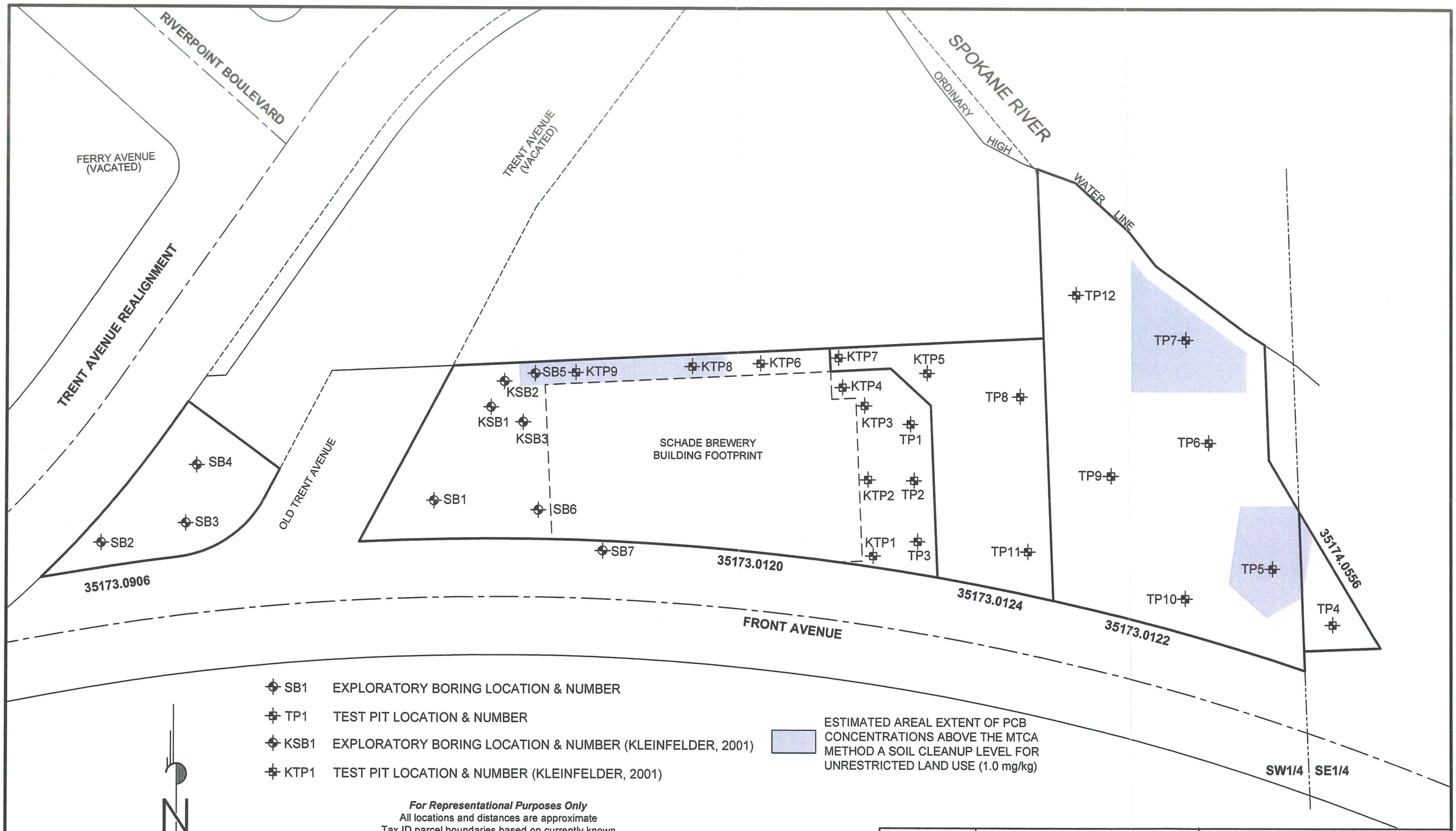
FIGURE 6

SLR NO. 003.0156.00002

SLR INTERNATIONAL, CORP.
Spokane, Washington

Remedial Investigation
TOTAL METALS AFFECTED SOIL
American West Bank
Schade Brewery and Adjoining Parcels
Spokane, Washington

DRAWN: Jasper GeoGraphics	CHECKED: JEL	DATE: May 2004	SCALE: 1"=60'



SB1 EXPLORATORY BORING LOCATION & NUMBER

TP1 TEST PIT LOCATION & NUMBER

KSB1 EXPLORATORY BORING LOCATION & NUMBER (KLEINFELDER, 2001)

KTP1 TEST PIT LOCATION & NUMBER (KLEINFELDER, 2001)

ESTIMATED AREAL EXTENT OF PCB CONCENTRATIONS ABOVE THE MTCA METHOD A SOIL CLEANUP LEVEL FOR UNRESTRICTED LAND USE (1.0 mg/kg)

For Representational Purposes Only
All locations and distances are approximate
Tax ID parcel boundaries based on currently known descriptions

Base Map Source: Adams & Clark, Inc.

SLR International Corp

FIGURE 7

SLR NO. 003.0156.00002

SLR INTERNATIONAL, CORP.
Spokane, Washington

Remedial Investigation
PCB AFFECTED SOIL
American West Bank
Schade Brewery and Adjoining Parcels
Spokane, Washington

DRAWN:	Jasper GeoGraphics	CHECKED:	JEL	DATE:	May 2004	SCALE:	1"=60'

RIVERPOINT BOULEVARD

FERRY AVENUE (VACATED)

TRENT AVENUE REALIGNMENT

TRENT AVENUE (VACATED)

OLD TRENT AVENUE

SPOKANE RIVER

ORDINARY HIGH WATER LINE

SCHADE BREWERY BUILDING FOOTPRINT

SB1 SB2 SB3 SB4 SB5 SB6 SB7

KSB1 KSB2 KSB3

KTP1 KTP2 KTP3 KTP4 KTP5 KTP6 KTP7 KTP8 KTP9

TP1 TP2 TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12

35173.0906

35173.0120

35173.0124

35173.0122

35174.0556

FRONT AVENUE

SW1/4 SE1/4

SB1 EXPLORATORY BORING LOCATION & NUMBER

TP1 TEST PIT LOCATION & NUMBER

KSB1 EXPLORATORY BORING LOCATION & NUMBER (KLEINFELDER, 2001)

KTP1 TEST PIT LOCATION & NUMBER (KLEINFELDER, 2001)

ESTIMATED AREAL EXTENT OF TOTAL cPAH CONCENTRATIONS ABOVE MTCA METHOD A SOIL CLEANUP LEVELS FOR UNRESTRICTED LAND USE (Total cPAHs - 0.1 mg/kg)

N

0 25 50 100

For Representational Purposes Only
All locations and distances are approximate
Tax ID parcel boundaries based on currently known descriptions

Base Map Source: Adams & Clark, Inc.

SLR International Corp

FIGURE 8

SLR NO. 003.0156.00002

SLR INTERNATIONAL, CORP.
Spokane, Washington

DRAWN: Jasper GeoGraphics | CHECKED: JEL

Remedial Investigation
cPAH AFFECTED SOIL
American West Bank
Schade Brewery and Adjoining Parcels
Spokane, Washington

DATE: May 2004 | SCALE: 1"=60'

APPENDIX A

SLR
International Corp

Voluntary Cleanup Program

Washington State Department of Ecology – Toxics Cleanup Program

APPLICATION TO REQUEST ASSISTANCE

This application is for individuals requesting assistance from the Voluntary Cleanup Program to plan, conduct, or evaluate an independent cleanup. The applicant may be a site owner, former site owner, site operator, or consultant on behalf of the owner or operator.

PLEASE ANSWER THE FOLLOWING QUESTIONS TO THE BEST OF YOUR KNOWLEDGE.

Have you discussed this site with an Ecology representative? Yes

If yes, what is that person's name? Patti Carter, Sherman Spencer

What is the approximate date? 3/11/04

Has Ecology already received reports or records pertaining to this site? Yes

If yes, what do they pertain to? Laboratory data + tables

Is this a leaking underground storage tank site? No

Is this site a Brownsfield? No

(Brownfields are properties that are abandoned or underused because of environmental contamination from past industrial or commercial practices.)

PLEASE DETERMINE IF PERMITS ARE REQUIRED.

Local, state, and/or federal permits may be required for cleanup activities at your site. To determine if a permit(s) is required for your cleanup action, please check with Ecology's **Permit Assistance Center at 1-800-917-0043.**

APPLICANT COMPLETES THIS SECTION (NOTE: THE APPLICANT IS RESPONSIBLE FOR ALL BILLINGS.)

Applicant Name American West Bank Phone 509.755.2265

Applicant Address 9019 East Appleway Blvd.

City Spokane State WA Zip Code 99212

Site Name Schade Brewery Alternate Name

Site Address 528 East Trent Avenue

City Spokane State WA Zip Code 99202 County Spokane

Site Owner Name Same

Site Owner Address _____ Phone _____

City _____ State _____ Zip Code _____

I, _____, request the assistance of the Department of Ecology. With this application, I have enclosed an initial deposit of $500. I understand this payment is the equivalent of approximately (5) hours of staff review on the cleanup of my contaminated site. If total charges exceed $500, I will be billed and will pay the remaining balance. Any excess payments will be refunded to me.

_____

Signature of Applicant Date

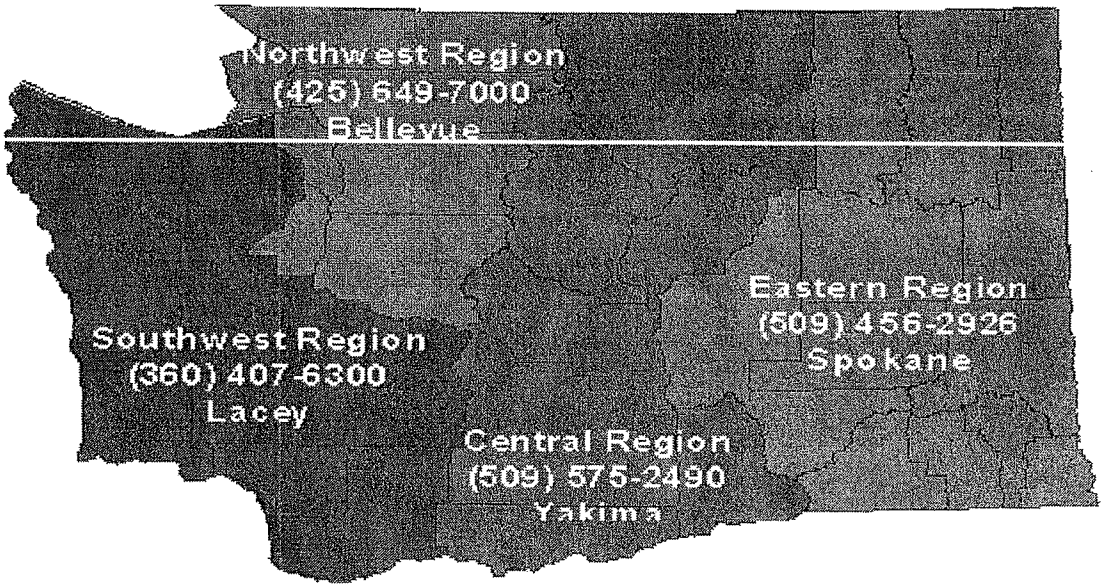
Publication #020-74 (revised 10/02) TCP ID # _____

Please submit the following information, along with your signed application form, to the appropriate Ecology office:

1. Site Summary form (Ecology Publication #020-73)
2. A check or money order for $500 made out to the "Department of Ecology"
3. If applicable, a "Terrestrial Ecological Evaluation Exclusion" form
4. Any other existing reports pertaining to this site

WHERE TO SUBMIT YOUR FORMS, REPORTS & FEE

- Please submit your forms and reports to the regional office in which the site resides.



REGIONAL OFFICE ADDRESSES:

- Central Regional Office, Attn: Frosti Smith, 15 W. Yakima Ave., Suite 200, Yakima WA 98902
- Eastern Regional Office, Attn: Patti Carter, N. 4601 Monroe, Spokane WA 99205-1295
- Northwest Regional Office, Attn: Teri Fisher, 3190 160th Ave. SE, Bellevue WA 98008-5452
- Southwest Regional Office, , Attn: Chuck Cline, PO Box 47775, Olympia WA 98504-7775

Please note: If your site is part of a major pulp mill, paper mill, aluminum smelter, or oil refinery, please submit your information to: Paul Skyllingstad, Department of Ecology – Industrial Section, PO Box 47706, Olympia WA 98504-7706, (360) 407-6949.

For office use only

Date:	Hours:	Rate:	Staff Name:		
Date:	Hours:	Rate:	Staff Name:		
Date:	Hours:	Rate:	Staff Name:		
Receipts Amount:	Date Paid:	Receipt #:	**For Fiscal use only** 173-02-94-005000-5000 LUST/NON-LUST: OFFICE:	LUST – 30 NWRO – 40 ERO – 60 IND – 80	NON-LUST – 20 SWRO – 50 CRO – 70 HQ – 90

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Voluntary Cleanup Program

Washington State Department of Ecology – Toxics Cleanup Program

SITE SUMMARY

This form is a required component of your request for assistance under the Voluntary Cleanup Program. Please include it with your application, consultation fee, and terrestrial ecological evaluation form (if applicable).

WHICH OF THE FOLLOWING APPLY TO YOUR SITE?

☒ You are requesting assistance on a planned cleanup.

☐ You are requesting assistance on an ongoing cleanup.

☐ You are requesting review of a completed cleanup.

☐ You are requesting review of monitoring reports.

PERSON/ORGANIZATION MAKING REQUEST FOR ASSISTANCE

Name: Duane Brandenburg / Kay Ferris			
Firm: American West Bank			
Mailing address: 9019 E. Appleway Blvd.			
City: Spokane	State: WA	Zip code: 99212	
Telephone number: 509.755.2265	Fax number: 509.279.4458	E-mail address: Kferris@awbank.net	

WHICH BEST DESCRIBES YOUR INVOLVEMENT AT THIS SITE (CHECK AS MANY THAT APPLY)

Current Owner	Former Owner	Potential Purchaser	Current Operator	Former Operator	Environmental Consultant	Attorney	Insurance Carrier	Other
X								

If other, please specify:

SITE IDENTIFICATION

Name of site: Schade Brewery				
Alternative name(s) for site:				
Site address: 528 East Trent Avenue				
City: Spokane	State: WA	Zip code: 99202	County: Spokane	UBI Number: NA
Township: 25N	Range: 43E	Section: 17	Quarter-Quarter: SE, SW	

Latitude: North	Degrees: 47	Minutes: 39	Seconds: 38
Longitude: west	Degrees: 117	Minutes: 24	Seconds: 8

What method did you use to calculate latitude and longitude? DeLorme TopoUSA Version 3.0

How many acres is the site? +/- 2.5 including Spokane County Tax Parcel Nos. 35173.0906 35173.0124 35174.0556 35173.0120 35173.0122

Property type? Commercial ☒ Industrial ☐ Residential ☐ Other ☐ Please specify:

Is the property currently being used? No. Vacant commercial office building

Are there plans for change in use? No If yes, please specify:

STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODES

Please list all that apply. If you do not know the SIC code(s), list the activities conducted at the site (i.e. automotive repair and maintenance, construction equipment storage, etc.)

Commercial office building (vacant)

TANK INFORMATION

Please complete the table below for all above ground tanks (AST) and underground storage tanks (UST) existing or formerly existing on the property, including unregulated tanks.

TANK ID	AST/UST	SIZE	WAS FREE PRODUCT ENCOUNTERED?		IN EXCAVATION	**TANK STATUS & DATE
			*PRODUCT	ON GW		

** Unleaded, leaded diesel, bunker-C, waste oil, heating oil, aviation fuel, other (please identify)*
***Left in-place, removed, closed-in-place*

SITE MAPS

Please include an area map that shows the general location of the site (mark the site location) and a site diagram that shows sampling and well locations.

DANGEROUS WASTE FACILITIES

Does the facility have a dangerous waste identification (WAD) number? No

If yes, please specify.

SITE ASSESSMENT OR SITE REMEDIATION WORK COMPLETED TO-DATE

Has site assessment work been completed at the site? Yes
If yes, when? 1986 to Present Were the results reported to Ecology? Yes, recent and including former Inland Metals data
Has site cleanup work been conducted at the site? Yes, on former Inland Metals portion of Subject Site
If yes, when? 1986 to 1992 Were the results reported to Ecology? Yes
Does contamination remain on-site after cleanup? NFA on former Inland Metals portion only, other areas under investigation
If yes, please describe the contamination? Please refer to WDOE Inland Metals records

INSTITUTIONAL CONTROLS (I.E. RESTRICTIVE COVENANT, ENGINEERED CONTROLS, FENCING)

Were institutional controls used at the site? If yes, please specify. Restrictive convenant conditions for Inland Metals portions under WDOE review.

DOCUMENTATION

Please list all known assessment and/or cleanup reports completed for the site. Include the title of the report, the name of the consulting firm that did the work, and the year it was completed.

TITLE	CONSULTING FIRM	DATE
Please refer to WDOE	Various	1986 to 1992
Inland Metals records		
Draft laboratory data and	SLR International	3/11/04
tables - presented to WDOE	Corp.	

AFFECTED MEDIA & CONTAMINANTS

Please list the known or suspected contaminants at the site prior to cleanup. Mark the appropriate medium (such as soil) with "C" (confirmed and above Model Toxics Control Act (MTCA) cleanup standards), "B" (confirmed but below MTCA standards), "S" (suspected), "N/A" (not applicable), "O" (tested and not present), "U" (unknown).

CONTAMINANT	SOIL	GROUND WATER	SURFACE WATER	AIR	SEDIMENT	DRINKING WATER	DATE OF RELEASE (IF KNOWN)
Example: Lead	**C**	**S**	**S**	**U**	**S**	**S**	**1967-82**
Lead	C	U	N/A	N/A	N/A	N/A	Pre-1980's
Diesel Range Organics	C	U	N/A	N/A	N/A	N/A	"
Heavy Oil Range Organics	C	U	N/A	N/A	N/A	N/A	"
cPAHs	C	U	N/A	N/A	N/A	N/A	"
PCB	C	U	N/A	N/A	N/A	N/A	"
Arsenic	C	U	N/A	N/A	N/A	N/A	"

METHODS & TREATMENT TECHNOLOGIES USED AT SITE

Please check all applicable boxes that apply to your site.

CLEANUP METHOD USED	SOIL	GROUND WATER	SURFACE WATER	DRINKING WATER	AIR	SEDIMENTS
Method A	✓	✓				
Method B	✓	✓				
Method C						
TREATMENT TECHNOLOGY USED	**SOIL**	**GROUND WATER**	**SURFACE WATER**	**DRINKING WATER**	**AIR**	**SEDIMENTS**
Air Sparging/Air Stripping						
Bioventing						
Capping (asphalt, concrete, topsoil, RCRA cover, soil-clay, synthetic membrane)						
Carbon Adsorption						
Containment On-Site						
Containment Off-Site						
Free-product Recovery						
In Situ Chemical Oxidation						
Natural Attenuation (dilution, volatilization, biodegradation, adsorption)						
Permeable Reactive Barriers						
Phytoremediation						
Soil Flushing						
Soil Vapor Extraction						
Thermal Desorption						
Other (please specify)						

AFFECTED MEDIA & CONTAMINANTS AFTER CLEANUP

Please list the contaminants from the box on page 4 and list their status after cleanup. Mark the appropriate medium (such as soil) with "C" (confirmed and above Model Toxics Control Act (MTCA) cleanup standards but contained), "B" (confirmed but below MTCA standards), "R" (remediated and below MTCA standards), "N/A" (not applicable), "O" (tested and not present), "U" (unknown).

CONTAMINANT	SOIL	GROUND WATER	SURFACE WATER	AIR	SEDIMENT	DRINKING WATER
Example: Lead	**R**	**O**	**B**	**U**	**B**	**O**

DRINKING WATER & AQUATICS INFORMATION

Are there any drinking wells within ½ mile of the site? UnKnown If yes, how many?
Was a drinking water system affected? UnK If yes, was an alternate drinking water source provided?
Was the affected drinking water system public, private, or both? UnK
Are there any creeks, streams, ponds, wetlands, or shorelands on or adjacent to the site? Yes Within ¼ mile of the site?
If yes, where are they located? Spokane River, adjacent to eastern Subject Site boundary
Were they impacted by the contamination from the site? N/A or UnKnown

OWNER/OPERATOR HISTORY

Please complete as many of the below boxes as possible. For type of owner/operator, please use the following codes: (1) Private, (2) Municipal, (3) County, (4) Federal, (5) State, (6) Tribal, (7) Mixed, (8) Other, (9) Unknown, (10) Public Entitle Acquisition via Bankruptcy.

Current site owner: American West Bank		Type: Lending Institution (8)
Street address: 9019 East Appleway Blvd.		
City: Spokane	State: WA	Zip code: 99212
Contact person (if different than owner listed above): Duane Brandenburg (Pres.) or Kay Ferris		
Street address:		
City:	State:	Zip code:
Phone: 509.755.2265	Fax: 509.279.4458	E-mail address: Kferris@awbank.net
Date of ownership: Jan./Feb. 2004 to Present		

Current operator: No operator on-site		Type:
Street address:		
City:	State:	Zip code:
Contact person (if different than owner listed above):		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of operation: to		

Former site owner: Mark A. Leonard, ProMarKet WA, Inc Type: Private		
Street address: UnKnown		
City:	State:	Zip code:
Contact person (if different than owner listed above):		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of ownership: to		

Former operator: Mark A. Leonard, ProMarKet WA, Inc Type:		
Street Address: UnKnown		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of operation: to		

Environmental consultant:	Type:	
Representing:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:

SITE CONTACT PERSON (IF OTHER THAN OWNER/OPERATOR)

This is someone who is available during normal working hours and has knowledge about the site and the activities conducted at the site.

Name: Jeff Leppo		
Relation to site owner/operator: Environmental Consultant		
Firm: SLR International Corp.		
Street address: 3810 E. Boone Ave., Suite 306		
City: Spokane	State: WA	Zip code: 99202
Phone: 509.535.7225	Fax: 509.535.7361	E-mail address: jleppo@slrcorp.com
Date of involvement with site: 2/04 to Present		

Name:		
Relation to site owner/operator:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of involvement with site:	to	

Name:		
Relation to site owner/operator:		
Firm:		
Street address:		
City:	State:	Zip code:
Phone:	Fax:	E-mail address:
Date of involvement with site:	to	

Publication #020-73 (revised 10/02)

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APPENDIX B

SLR
International Corp

AFTER RECORDING RETURN TO:

Witherspoon, Kelley, Davenport & Toole, P.S.
Shelley N. Ripley
422 W. Riverside Avenue, Suite 1100
Spokane, WA 99201

COPY
ORIGINAL FILED OR RECORDED

FEB 13 2004

COUNTY AUDITOR
SPOKANE COUNTY WA

WARRANTY DEED

THE GRANTOR, PROMARK OF WASHINGTON, INC., a successor-in-interest to PROMARK, INC., a Washington corporation, for and in consideration of a deed in lieu of execution upon a judgment and other good and valuable consideration in hand paid, conveys and warrants to AMERICANWEST BANK, the following described real estate, situated in the County of Spokane, State of Washington, to wit: Tax Parcel No. 35173.0906.

Portions of the vacated alley, the abandoned railroad transfer line, vacated Gray Avenue, and Lot 11 Block 18, RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION, according to the plat recorded in Volume "C" of Plats, Page 80, in the City of Spokane, Spokane County Washington, described as follows:

BEGINNING at the Southwest corner of Lot 12, Block 17, of the Plat of RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION; thence South 87°14'48" West, 138.74 feet to the Intersection of the North line of said vacated alley in Block 18 and the Northwesterly right of way line of "Old Trent Avenue", thence South 28°19'30" West, along said Northwesterly right of way line of "Old Trent Avenue", 72.03 feet to the TRUE POINT OF BEGINNING; thence North 54°23'36" West, 74.14 feet to the Southeasterly right of way line of Trent Avenue, as constructed and shown on Sheet 2 of "Riverpoint Two" Short Plat # City 88-12; thence along said Southeasterly right of way line of "New Trent Avenue" the following two (2) calls: 1) South 35°36'24" West 18.71 feet to the point of curve of a 695.00 foot radius curve to the right; 2) Southwesterly along the arc of said curve through a central angle of 10°47'14", 130.85 feet to a point on a 1707.69 foot radius nontangent curve to the right in the Northerly right of way line of Front Avenue, the center of circle of said curve bears South 10°07'30" East, thence Northeasterly along the arc of said curve through a central angle of 3°03'55", 91.36 feet to the point of reverse curve of a 74.95 foot radius curve to the left in said Northwesterly right of way line

2/13/2004 MCE $22.00 20040F

Tax Parcel No. 35173.0906

of "Old Trent Avenue", the center of circle of which bears North 07°03'36" West; thence along said Northwesterly right of way line of "Old Trent Avenue" the following two (2) calls: 1) Northeasterly along the arc of said curve through a central angle of 54°36'55", 71.44 feet to the point of tangent; 2) North 28°19'30" East 20.66 feet to the TRUE POINT OF BEGINNING,

Tax Parcel No. 35173.0906.

By accepting this Warranty Deed, AmericanWest Bank's beneficial interest under the following judgment shall not merge into the fee interest of the aforementioned property conveyed hereby by Promark of Washington, Inc., a successor-in-interest to Promark, Inc., to AmericanWest Bank.

1. That Judgment entered by the Cowlitz County Superior Court, Cause No. 01-2-00226-1, Judgment No. 03-9-01572-1, on September 8, 2003 in favor of AmericanWest Bank against Promark, Inc. in the original principal amount of $993,573.69, and recorded with the Spokane County Auditor on December 24, 2003 under Auditor's File No. 5016657, and an abstract of said judgment filed with the Spokane County Superior Court on January 5, 2004 under Case No. 04200028-3.

DATED this 6 day of January, 2004.

PROMARK OF WASHINGTON, INC., a successor-in-interest to Promark, Inc.

By: _____
MARK A. LEONARD
Its: President

Tax Parcel No. 35173.0906

STATE OF WASHINGTON)
) ss
County Of Spokane)

I certify that I know or have satisfactory evidence that MARK A. LEONARD is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the President of Promark of Washington, Inc., to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument

Given under my hand and seal this 6th day of January, 2004.

JEFFREY A. HERBSTER NOTARY PUBLIC STATE OF WASHINGTON MY APPOINTMENT EXPIRES JAN. 20, 2005

Print Name: Jeffrey A. Herbster
NOTARY PUBLIC in and for the State of Washington, residing at Spokane WA
Commission Expires: Jan 20, 2005

Tax Parcel No. 35173.0906

AFTER RECORDING RETURN TO:

Witherspoon, Kelley, Davenport & Toole, P.S.
Shelley N. Ripley
422 W. Riverside Avenue, Suite 1100
Spokane, WA 99201

COPY
ORIGINAL FILED OR RECORDED

FEB 13 2004

COUNTY AUDITOR
SPOKANE COUNTY WA

WARRANTY DEED

THE GRANTOR, SCHADE TOWERS, LLC, a Washington limited liability company, for and in consideration of a deed in lieu of foreclosure of a mortgage and other good and valuable consideration in hand paid, conveys and warrants to **AMERICANWEST BANK**, the following described real estate, situated in the County of Spokane, State of Washington.

Tax Parcel Numbers 35173.0120, 35173.0122, 35174.0556

PARCEL NO. 1:

That portion of Blocks 17 and 18, including portions of vacated alley and vacated Sheridan Street, therein, RESURVEY OF THE SECOND ADDITION TO THE THIRD ADDITION TO RAILROAD ADDITION, as per plat thereof recorded in Volume "C" of Plats, Page 80, described as follows:

BEGINNING at the Southeast corner of Lot 22 in Block 17; thence North along the East line of said Lot 22 to the centerline of the vacated alley in said Block 17; thence West along the centerline of said vacated alley and said centerline extended Westerly to the Easterly line of Trent Avenue as established prior to March 9, 1977; thence Southwesterly along said Trent Avenue to a point on the Northerly line of Front Ave. (now Trent Ave.) which is 65 feet West of the Southeast corner of said Block 18; thence Easterly along the Northerly line of Front (Trent) Avenue to the Point of Beginning;

EXCEPT that portion of Lot 22 and vacated alley more particularly described as follows:

BEGINNING as the Northeast corner of Lot 22; thence South along the East line of Lot 22, a distance of 25.00 feet; thence North 45°00'00" West, 35.36 feet to the Northwest corner of Lot 22; thence

Tax Parcel No. 35173.0120, 35173.122 and 35174.0556

West along the North line of Lots 21 and 20, a distance of 39.69 feet; thence North 7.50 feet; thence East 64.69 feet; thence South 7.50 feet to the Point of Beginning;

TOGETHER WITH that portion of vacated Sheridan Street and vacated alley in Block 17 of RESURVEY OF SECOND ADDITION TO THE THIRD ADDITION TO RAILROAD ADDITION as per plat thereof recorded in Volume "C" of Plats, Page 80, more particularly described as follows:

BEGINNING at the Southwest corner of Lot 12, Block 17, thence East along the South line of Lots 12 through 5, a distance of 185.31 feet, thence South 7.50 feet, thence West 239.12 feet to a point on the Easterly right of way line of "Proposed Riverpoint Boulevard Extension", said point being on a non-tangent curve whose center of radius bears South 82°05'20" West, 400.00 feet, thence Northwesterly along said curve and right of way line through a center angle of 1°05'10" an arc length of 7.58 feet; thence East 54.92 feet to the True Point of Beginning;

Situate in the City of Spokane, County of Spokane, State of Washington;

PARCEL NO. 2:

Those portions of the Burlington Northern Sante Fe Railroad Company (formerly Northern Pacific Railway company) Connection Track right of way; vacated Hatch Street; Lots 26, 27, 28, 29, 30 in Block 17; and Tract "F" of the plat of the RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION, as recorded in Volume "C", Page 80; and of Tract "H" of the plan of DENNIS AND BRADLEY'S ADDITION as recorded in Volume "A", Page 160, described as follows:

BEGINNING at the Southwest corner of Lot 26, Block 17, of said plat of the Resurvey of SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION; thence North 02°21'19" West, along the West line of said Lot 26 and said line extended, 275.00 feet to Point "A"; thence continuing North 02°21'19" West 3 feet, more or less, to a point on the high water line on the Southwesterly shore of the Spokane River; thence Southeasterly along said high water line to a point on the centerline of vacated Hatch Street; thence South 02°12'12" East, along said centerline 4 feet, more or less, to a point from which said Point "A" bears North 52°45'30" West, 188.32 feet; thence South 02°12'12" East, along said

Tax Parcel No. 35173.0120, 35173.122 and 35174.0556

centerline, 70.00 feet to a point on the Northeasterly right of way line of the Burlington Northern Sante Fe Railroad Company (formerly Northern Pacific Railway Company); Connection Tract; thence South 31°13'40" East, along said Northeasterly right of way line, 38.65 feet to a point on the Easterly right of way line of said Hatch Street, from which the Southwest corner of Track "H" of Dennis and Bradley's Addition bears South 02°12'12" East 90.00 feet; thence continuing South 31°13'40" East, along said Northeasterly right of way line, 103.05 feet to a point on the Southerly line of said Tract "H"; thence South 87°55'29" West, 50.00 feet to the Southwest corner of said Tract "H"; thence South 02°12'12" East, along said Easterly right of way line of said vacated Hatch Street, 12.81 feet to the Southeast corner of said vacated Hatch Street (Ordinance No. C31961), being a point on a 1,707.69 feet foot radius nontangent curve to the left, the center of circle of which bears South 18°04'49" West, thence along the arc of said curve, through a central angle of 1°20'09", 39.81 feet to the Southeast corner of Lot 30 of said Block 17; thence continuing along the arc of said curve, the center of circle which bears South 16°44'40"West, and along the Southerly line of said Block 17, through a central angle of 4°24'50", 131.56 feet to the Point of Beginning;

Situate in the City of Spokane, County of Spokane, State of Washington.

Tax Parcel Nos. 35173.0120, 35173.0122 and 35174.0556.

By accepting this Statutory Warranty Deed, AmericanWest Bank's beneficial interest under the following deeds of trust shall not merge into the fee interest of the aforementioned property conveyed hereby by Schade Towers, LLC to AmericanWest Bank.

1. That Deed of Trust dated August 25, 1997 in the original principal sum of $2,900,000 and recorded on September 11, 1997 under Spokane County Auditor's File No. 4140575, and thereafter modified by a Modification Agreement recorded on November 20, 1998 under Spokane County Auditor's File No. 4296029.

2. That Deed of Trust dated April 16, 1998 in the original sum of $2,900,000.00 and recorded on April 24, 1998 under Spokane County Auditor's File No. 4213408.

3. That Deed of Trust dated December 18, 1998 in the original sum of $200,000.00 and recorded on January 8, 1999 under Spokane County Auditor's File No. 4315194.

DATED this 6 day of January, 2004.

SCHADE TOWERS, LLC.

By: _____
MARK A. LEONARD
Its: Member/Manager

STATE OF WASHINGTON)
) ss
County Of Spokane)

I certify that I know or have satisfactory evidence that MARK A. LEONARD is the person who appeared before me, and said person acknowledged that he signed this instrument, on oath stated that he was authorized to execute the instrument and acknowledged it as the Manager/Member of Schade Towers, LLC, to be the free and voluntary act of such party for the uses and purposes mentioned in the instrument.

Given under my hand and seal this 6 day of January, 2004.

JEFFREY A. HERBSTER NOTARY PUBLIC STATE OF WASHINGTON MY APPOINTMENT EXPIRES JAN. 20, 2005

_____
Print Name: Jeffrey A. Herbster
NOTARY PUBLIC in and for the State of Washington, residing at Spokane WA
Commission Expires: Jan 20, 2005

Tax Parcel No. 35173.0120, 35173.122 and 35174.0556

Bank Purchased from Whitfields 4/11/03

SCHEDULE A-4

POLICY NO. 278131-VC

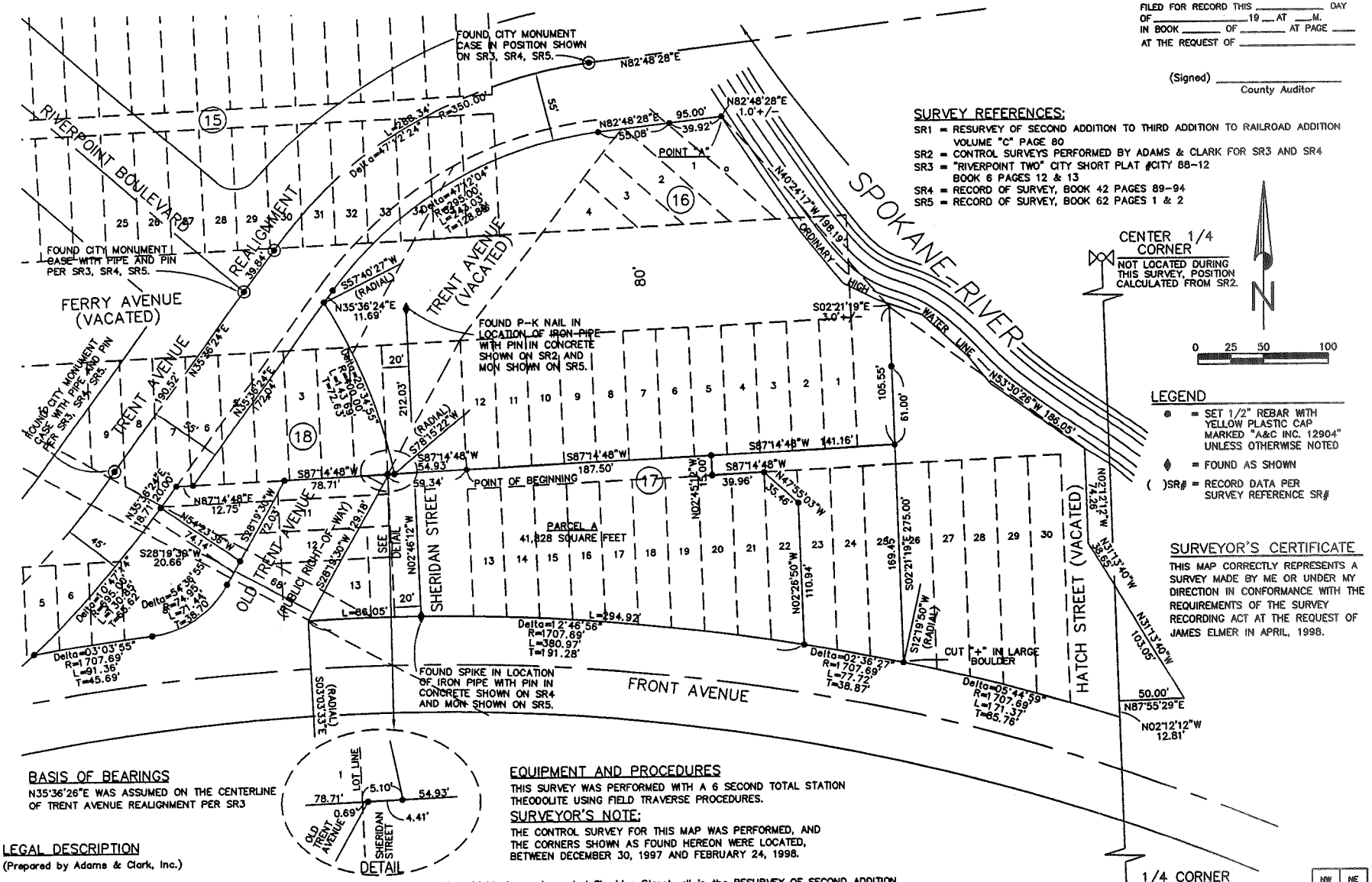
THE LAND REFERRED TO IN THIS POLICY IS SITUATED IN THE STATE OF WASHINGTON, COUNTY OF SPOKANE AND IS DESCRIBED AS FOLLOWS:

THOSE PORTIONS OF LOTS 22, 23, 24, 25, AND OF THE VACATED ALLEY IN BLOCK 17 IN THE PLAT OF THE **RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION**, AS RECORDED IN VOLUME "C", PAGE 79, CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF LOT 12, BLOCK 17, OF THE PLAT OF THE RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION;
THENCE NORTH 87°14'48" EAST, ALONG THE NORTH LINE OF THE VACATED ALLEY IN BLOCK 17, A DISTANCE OF 187.50 FEET TO THE TRUE POINT OF BEGINNING, WHICH IS 14.69 FEET WEST OF THE SOUTHEAST CORNER OF LOT 5, OF SAID BLOCK 17;
THENCE CONTINUING NORTH 87°14'48" EAST, ALONG SAID NORTH LINE OF THE VACATED ALLEY, AND SAID NORTH LINE EXTENDED, 141.16 FEET TO A POINT ON THE EXTENDED EAST LINE OF LOT 25 OF SAID BLOCK 17;
THENCE SOUTH 02°21'19" EAST, ALONG SAID EXTENDED EAST LINE AND ALONG THE EAST LINE OF LOT 25, A DISTANCE OF 169.45 FEET TO THE SOUTHEAST CORNER OF LOT 25, SAID POINT BEING ON A NONTANGENT CURVE WHOSE CENTER OF RADIUS BEARS SOUTH 12°19'50" WEST, 1,707.69 FEET;
THENCE NORTHWESTERLY, ALONG SAID CURVE AND SOUTH LINE OF LOTS 25, 24, AND 23, THROUGH A CENTRAL ANGLE OF 2°36'27" AN ARC LENGTH OF 77.72 FEET TO THE SOUTHWEST CORNER OF LOT 23;
THENCE NORTH 02°26'50" WEST ALONG THE WEST LINE OF LOT 23 A DISTANCE OF 110.94 FEET TO A POINT 25.00 FEET SOUTH OF THE NORTHWEST CORNER OF LOT 23;
THENCE NORTH 47°55'03" WEST 35.46 FEET TO THE NORTHWEST CORNER OF LOT 22;
THENCE SOUTH 87°14'48" WEST ALONG THE NORTH LINE OF LOTS 21 AND 20 A DISTANCE OF 39.96 FEET TO A POINT 14.69 FEET WEST OF THE NORTHEAST CORNER OF LOT 20;
THENCE NORTH 02°45'12" WEST 15.00 FEET TO THE TRUE POINT OF BEGINNING.

FW
J-10/92

Tax Parcel No. 35173.0124



AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS _____ DAY
OF _____ 19__ AT ___M.
IN BOOK _____ OF _____ AT PAGE ____
AT THE REQUEST OF _____

(Signed) _____
County Auditor

SURVEY REFERENCES:

SR1 = RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION VOLUME "C" PAGE 80
SR2 = CONTROL SURVEYS PERFORMED BY ADAMS & CLARK FOR SR3 AND SR4
SR3 = "RIVERPOINT TWO" CITY SHORT PLAT #CITY 88-12 BOOK 6 PAGES 12 & 13
SR4 = RECORD OF SURVEY, BOOK 42 PAGES 89-94
SR5 = RECORD OF SURVEY, BOOK 62 PAGES 1 & 2

LEGEND

● = SET 1/2" REBAR WITH YELLOW PLASTIC CAP MARKED "A&C INC. 12904" UNLESS OTHERWISE NOTED
♦ = FOUND AS SHOWN
( )SR# = RECORD DATA PER SURVEY REFERENCE SR#

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF JAMES ELMER IN APRIL, 1998.

BASIS OF BEARINGS

N35°36'26"E WAS ASSUMED ON THE CENTERLINE OF TRENT AVENUE REALIGNMENT PER SR3

EQUIPMENT AND PROCEDURES

THIS SURVEY WAS PERFORMED WITH A 6 SECOND TOTAL STATION THEODOLITE USING FIELD TRAVERSE PROCEDURES.

SURVEYOR'S NOTE:

THE CONTROL SURVEY FOR THIS MAP WAS PERFORMED, AND THE CORNERS SHOWN AS FOUND HEREON WERE LOCATED, BETWEEN DECEMBER 30, 1997 AND FEBRUARY 24, 1998.

LEGAL DESCRIPTION

(Prepared by Adams & Clark, Inc.)

Those portions of Blocks 17 and 18, abandoned railroad transfer line, vacated alleys in said blocks, and vacated Sheridan Street, all in the RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION, according to plat recorded in Volume "C" of Plats, Page 80, in the SW1/4 of SECTION 17, TOWNSHIP 25 NORTH, RANGE 43 EAST, W.M., in the City of Spokane, Spokane County, Washington, described as follows:

BEGINNING at the southwest corner of Lot 12, Block 17, of the plat of the RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION; thence S87°14'48"W along the south line of Lot 12 extended westerly a distance of 59.34 feet to a point on the the southeasterly right-of-way line of "Old Trent Avenue"; thence S28°19'30"W, along said southeasterly right-of-way line, 129.18 feet to a point on the northerly right-of-way line of Front Avenue, being a point on a 1,707.69 foot radius nontangent curve to the right, the center circle of which bears S03°03'33"E; thence easterly along the arc of said curve and said northerly right-of-way line of Front Avenue through a central angle of 12°46'56", 380.97 feet to the southwest corner of Lot 23 of said Block 17; thence N02°26'50"W along the west line of said Lot 23 a distance of 110.94 feet to a point 25.00 feet south of the northwest corner of said Lot 23; thence N47°55'03"W 35.46 feet to the northwest corner of Lot 22; thence S87°14'48"W along the north line of Lots 21 and 20 a distance of 39.96 feet to a point 14.69 feet west of the northeast corner of Lot 20; thence N02°45'12"W 15.00 feet to a point on the north line of the vacated alley in said Block 17; thence S87°14'48"W, along said north line of the vacated alley, 187.50 feet to the POINT OF BEGINNING;

Containing 41,828 square feet.

NW	NE
	SE

17-25-43

SHEET 1 OF 1

RECORD OF SURVEY:

PORTIONS OF THE SW1/4 OF SECTION 17, TOWNSHIP 25 N, RANGE 43 EAST, W.M.
CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON

AC ADAMS & CLARK, Inc.
1720 W. Fourth Ave.
Spokane, Wa. 99204-1702
509-747-4600

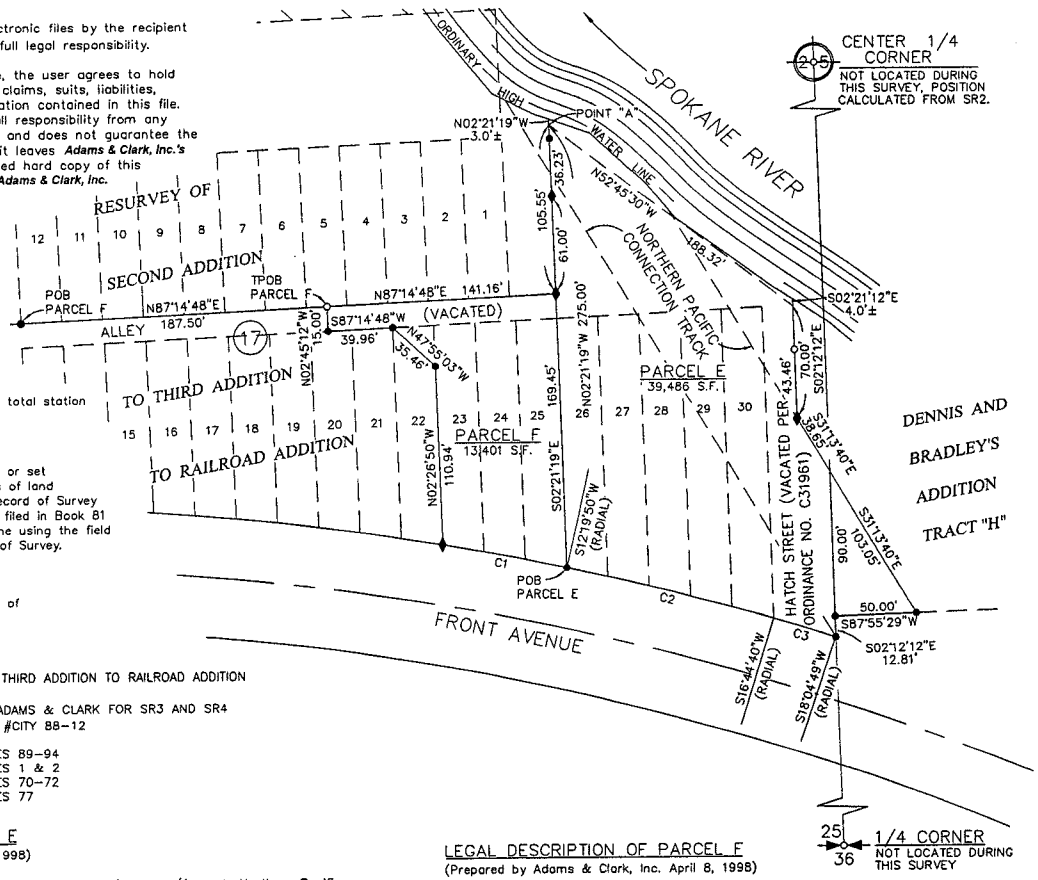
DATE: 5/26/98	DWG. BY: GJR
SCALE: as shown	F.B. NO. 514
FOR: JAMES ELMER	W.O. NO. 97-160.1

7160DLD.DWG GJR 05/26/1998

Electronic File – User Agreement

Any use or re-use of original or altered electronic files by the recipient or others will be at the recipient's risk and full legal responsibility.

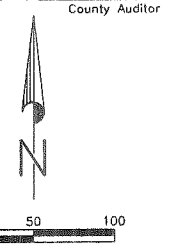
By acceptance and use of this electronic file, the user agrees to hold harmless ***Adams & Clark, Inc.*** from any and all claims, suits, liabilities, demands, or costs arising out of the information contained in this file. ***Adams & Clark, Inc.*** hereby disclaims any and all responsibility from any results obtained in use of this electronic file and does not guarantee the accuracy of the electronic information once it leaves ***Adams & Clark, Inc.'s*** office. Copies of the original signed and sealed hard copy of this document are available from the offices of ***Adams & Clark, Inc.***



AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS _____ DAY OF _____, 2003 AT _____ M. IN BOOK _____ OF _____ AT PAGE _____ AT THE REQUEST OF ADAMS & CLARK, INC.

(Signed) _____
County Auditor



EQUIPMENT AND PROCEDURES

This survey was performed with a 6 second total station theodolite using field traverse procedures.

SURVEYOR'S NOTE:

The purpose of this survey is to find, reset or set monuments on the boundary of two parcels of land adjoining the parcel monumented on the Record of Survey performed by Adams & Clark, Inc. in 1998, filed in Book 81 Page 77. This work done in 2003, was done using the field control established as part of that Record of Survey.

BASIS OF BEARINGS

N87°14'48"E was assumed on the north line of the vacated alley in Block 17 per SR7.

SURVEY REFERENCES:

SR1 = RESURVEY OF SECOND ADDITION TO THIRD ADDITION TO RAILROAD ADDITION VOLUME "C" PAGE 80
SR2 = CONTROL SURVEYS PERFORMED BY ADAMS & CLARK FOR SR3 AND SR4
SR3 = "RIVERPOINT TWO" CITY SHORT PLAT #CITY 88-12 BOOK 6 PAGES 12 & 13
SR4 = RECORD OF SURVEY, BOOK 42 PAGES 89-94
SR5 = RECORD OF SURVEY, BOOK 62 PAGES 1 & 2
SR6 = RECORD OF SURVEY, BOOK 81 PAGES 70-72
SR7 = RECORD OF SURVEY, BOOK 81 PAGES 77

LEGEND

- ● = SET 1/2" REBAR WITH YELLOW PLASTIC CAP MARKED "A&C INC. 12904"
- o = SET MAG NAIL WITH 1-1/4" BRASS WASHER MARKED "A&C INC. 12904"
- ♦ = FOUND 1/2" REBAR WITH YELLOW PLASTIC CAP MARKED "A&C INC. 12904" PER SR6 & SR7
- ( )SR# = RECORD DATA PER SURVEY REFERENCE SR#
- POB = POINT OF BEGINNING
- TPOB = TRUE POINT OF BEGINNING

CURVE TABLE				
CURVE	RADIUS	DELTA	LENGTH	TANGENT
C1	1707.69'	2°36'27"	77.72'	38.86'
C2	1707.69'	4°24'50"	131.56'	65.81'
C3	1707.69'	1°20'09"	39.81'	19.91'

LEGAL DESCRIPTION OF PARCEL E

(Prepared by Adams & Clark, Inc. April 8, 1998)

Those portions of the Burlington Northern Sante Fe Railroad Company (formerly Northern Pacific Railway Company) Connection Track right-of-way; vacated Hatch Street; Lots 26, 27, 28, 29, and 30, Block 17; and Tract "F" of the plat of the Resurvey of Second Addition to Third Addition to Railroad Addition, as recorded in Volume "C", Page 80; and of Tract "H" of the plat of Dennis and Bradley's Addition, as recorded in Volume "A", Page 160, City of Spokane, Spokane County, Washington, described as follows:

Beginning at the southwest corner of Lot 26, Block 17, of said plat of the Resurvey of Second Addition to Third Addition to Railroad Addition; thence N02°21'19"W, along the west line of said Lot 26 and said line extended, 275.00 feet to Point "A"; thence continuing N02°21'19"W 3 feet, more or less, to a point on the high water line on the southwesterly shore of the Spokane River; thence southeasterly along said high water line to a point on the centerline of vacated Hatch Street; thence S02°12'12"E, along said centerline 4 feet, more or less, to a point from which said Point "A" bears N52°45'30"W 188.32 feet; thence S02°12'12"E, along said centerline, 70.00 feet to a point on the northeasterly right-of-way line of the Burlington Northern Sante Fe Railroad Company (formerly Northern Pacific Railway Company) Connection Track; thence S31°13'40"E, along said northeasterly right-of-way line, 38.65 feet to a point on the easterly right-of-way line of said Hatch Street, from which the southwest corner of Tract "H" of Dennis and Bradley's Addition bears S02°12'12"E 90.00 feet; thence continuing S31°13'40"E, along said northeasterly right-of-way line, 103.05 feet to a point on the southerly line of said Tract "H"; thence S87°55'29"W 50.00 feet to the southwest corner of said Tract "H"; thence S02°12'12"E, along said easterly right-of-way line of said vacated Hatch Street, 12.81 feet to the southeast corner of said vacated Hatch Street (Ordinance No. C31961), being a point on a 1,707.69 foot radius nontangent curve to the left, the center of circle of which bears S18°04'49"W; thence along the arc of said curve, through a central angle of 1°20'09", 39.81 feet to the southeast corner of Lot 30 of said Block 17; thence continuing along the arc of said curve, the center of circle which bears S16°44'40"W, and along the southerly line of said Block 17, through a central angle of 4°24'50", 131.56 feet to the Point of Beginning;

Containing 39,486 square feet, more or less, based on the high water line located in December, 1997.

LEGAL DESCRIPTION OF PARCEL F

(Prepared by Adams & Clark, Inc. April 8, 1998)

Those portions of Lots 22, 23, 24, 25, and of the vacated alley in Block 17 in the plat of the Resurvey of Second Addition to Third Addition to Railroad Addition, as recorded in Volume "C", Page 80, City of Spokane, Spokane County, Washington, described as follows:

Beginning at the southwest corner of Lot 12, Block 17, of said plat of the Resurvey of Second Addition to Third Addition to Railroad Addition; thence N87°14'48"E, along the north line of the vacated alley in Block 17, a distance of 187.50 feet to the TRUE POINT OF BEGINNING; thence continuing N87°14'48"E, along said north line of the vacated alley, and said north line extended, 141.16 feet to a point on the extended east line of Lot 25 of said Block 17; thence S02°21'19"E, along said extended east line and along the east line of Lot 25, a distance of 169.45 feet to the southeast corner of said Lot 25, being a point on a 1,707.69 foot radius nontangent curve to the left on the northerly right-of-way line of Front Avenue, the center of circle of which bears S12°19'50"W; thence along the arc of said curve, through a central angle of 2°36'27", 77.72 feet to the southwest corner of Lot 23 of said Block 17; thence N02°26'50"W, along the east line of said Lot 22, a distance of 110.94 feet to a point 25.00 feet south of the northeast corner of said Lot 22; thence N47°55'03"W 35.46 feet to the northwest corner of said Lot 22; thence S87°14'48"W, along the south line of said vacated alley, 39.96 feet; thence N02°45'12"W, 15.00 feet to the TRUE POINT OF BEGINNING;

Containing 13,401 square feet.

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE SURVEY RECORDING ACT AT THE REQUEST OF AMERICANWEST BANK IN MAY, 2003.

DANIEL B. CLARK
CERTIFICATE NO. 12904

NW	NE
SW	SE

17-25-43

SHEET 1 OF 1

RECORD OF SURVEY:

PORTIONS OF THE SW1/4 OF SECTION 17, TOWNSHIP 25 NORTH, RANGE 43 EAST, W.M., CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON

AC Adams & Clark, Inc.
1720 W. Fourth Ave.
Spokane, WA 99204-1702
(509) 747-4600

DATE: 5/15/03	DWG. BY: JSH		
SCALE: as shown	F.B. NO. 514 & 517		
FOR: AM. WEST	W.O. NO. 2003-01-059		

2003059-RDS.DWG - JSH - 05-15-2003

RECORDED
FILED OR RECORDED
9405030371 REQUEST OF
MAY 3 1 31 PM '94
AT
SPOKANE COUNTY WASH.

May 2, 1994

Brian Ragen
12211 E. Broadway, Suite 3
Spokane, Wa 99206

VOL. 1593 PAGE 540

RE: "Whitfield" Boundary Line Adjustment #Z94B0045

The Planning Services Department staff has reviewed your request for a Boundary Line Adjustment **generally located at southeast corner of Trent Ave. & Front Ave.,** in the M1, Light Manufacturing zone, and has determined it to be a valid Boundary Line Adjustment under Title 11, Chapter 18, Section 006, of Spokane's Municipal Code and RCW 58.17.040 (6) of the State Platting Statute. Therefore we have ruled that you are permitted to make the boundary line adjustments, which are further described, following these important instructions:

NOTICE: THIS BOUNDARY LINE ADJUSTMENT SHALL BE SUBJECT TO THE FOLLOWING CONDITIONS:

1. **The applicant shall comply with all requirements of the city zoning code and other applicable provisions of Spokane's Municipal Code.**

2. **This approval letter shall be recorded in the office of the Spokane County Auditor.**

3. **Application for tax parcel segregation shall be made in the office of the Spokane County Assessor.**

4. **A copy of this Boundary Line Adjustment approval letter, recorded by the County Auditor, and a copy of the tax parcel segregation application shall be submitted to the City of Spokane at the time of application for building permits.**

The boundary line adjustments hereby granted are not legal segregations. The segregations must be made by the issuance of deeds, and their filing in the proper City and County offices (City Treasurer, County Treasurer, County Assessor, etc.). Also, boundary line adjustments will not segregate any local improvement assessments which may be made on the properties. Segregations of assessments must be made through the City Treasurer's office.

DEPARTMENT OF PLANNING SERVICES
CHARLES L. DOTSON, DIRECTOR
Municipal Building · 808 W. Spokane Falls Blvd. · Spokane, Washington 99201-3333
Telephone (509) 625-6060 · Fax (509) 625-6013

LAND AS PRESENTLY SEGREGATED:

ASSESSOR'S PARCEL #35173.0114

(Taken from Assessor's file legal description)

Railroad Res of 2nd to 3rd Add ptn of B17 & 18 daf; beg at SE cor of L22 B17 & true pob th N to c/l of vac alley in sd B17 th W alg sd c/l of alley to ely ln of Trent Ave th swly alg sd ely ln to nly ln of Front Ave th ely alg nly ln to pob

ASSESSOR'S PARCEL #35173.0115

(Taken from Assessor's file legal description)

Railroad Res of 2nd to 3rd Add ptn of B17 & 18 daf; S79.8ft of L1-12 B17 inc N1/2 vac alley & vac Sheridan St lyg N of c/l of sd vac alley exc ptn within Trent Ave r/w & exc RR r/w & L23-30 exc RR r/w inc all vac alley N of & adj & inc ptn B18 lyg N of c/l of sd vac alley & ely of Trent Ave

PARCEL SEGREGATION AFTER BOUNDARY LINE ADJUSTMENT:

SEGREGATION A (Ray/Bonzon after exchange):

Railroad Res of 2nd to 3rd Add ptn of B17 & 18, incl ptns of vac alley & vac Sheridan St, therein daf:

Beg at the SE cor of L22 in sd B17; th N alg the E li of sd L22 to the c/l of vac alley in sd B17; th W alg the c/l of sd vac alley and sd c/l extended wly to the ely li of Trent Ave as established prior to March 9, 1977; th swly alg sd Trent Ave to a pt on the nly li of Front Ave (now Trent Ave) which is 65 ft W of the SE cor of sd B18; th ely alg the nly li of Front (Trent) Ave to the pob

Tog with a ptn of vac Sheridan St and vac alley in B17, Resurvey of 2nd Add to 3rd Add to Railroad Add to Spokane according to plat recorded in Vol "C" of Plats, Page 80, records of Spokane County, Wa, more particularly daf:

Beg at the sw cor of L12, B17, th E alg the S li of L12-5 a distance of 185.31ft, th S7.50ft, th W239.12ft to a pt on the ely row li of "Proposed Riverpoint Boulevard Extension", sd pt being on a non-tangent curve whose center of radius bears S 82°05'20" W400.00ft, th nwly alg sd curve and row li through a central angle of 1°05'10" an arc length of 7.58ft, th E54.92ft to the pob

Situate in the City and County of Spokane, State of Washington.

PARCEL SEGREGATION AFTER B.L.A. (continued):

SEGREGATION B (Whitfield after exchange):

Railroad Res of 2nd Add to 3rd Add, ptns of B15, 16, 17 & 18, & ptn of vac Sheridan St & Ferry Ave, ptn of vac alley in B17, according to plat recorded in Volume "C" of Plats, Page 80, records of Spokane County, and ptn of the unplatted area within the sw quarter of 17-25-43E W.M., in the City and County of Spokane, State of Washington, more particularly daf: Beg at the sw cor of L12, B17, th W alg the s li of L12 extended wly a distance of 54.92ft to a pt on the ely row li of "Proposed Riverpoint Boulevard Extension", sd pt being on a non-tangent curve whose center of radius bears S81°00'10"W 400.00ft, th nwly alg sd curve and row li through a central angle of 20°34'44" an arc length of 143.67ft to a pt on a row li which is 55ft sely from and parallel with the c/l of Trent Ave, as constructed and shown on sheet 2 of "Riverpoint Two" Short Plat #City 88-12, th N38°21'36"E alg sd 55ft row li 11.70ft to the beg of a 295.00ft radius curve to the right, th nely alg sd curve and 55ft row li through a central angle of 47°12'04" an arc length of 243.03ft, th N85°33'40"E alg sd 55ft row li and li extended 97.2ft, more or less, to a pt on the li of ordinary high water of the south bank of the Spokane River, th sely alg sd ordinary high water li to an intersection with the E li of L25, B17, extended nly, th S alg sd extended li and E li of L25, a distance of 274.5 ft, more or less, to the SE cor of L25, sd pt being on a non-tangent curve whose center of radius bears S13°47'03"W1707.69ft, th nwly alg sd curve and s li of L23-25 through a central angle of 2°34'40" an arc length of 76.83ft to the SW cor of L23, a dist of 104.51ft to a pt 25.00ft S of the NE cor of L23, th N alg the W li of L23, th N45°00'00"W35.36ft to the NW cor of L22, th W alg the N li of L20-21 a distance of 39.69ft to a pt 14.69ft W of the NE cor of L20, th N 15.00ft to a pt on the S li of L5, B17, which is 14.69ft W of the SE cor thereof, th W alg the S li of L5-12 a dist of 185.31 ft to the pob.

Please feel free to contact Don Carlson (625-6095) if you have any further questions related to this matter.

Charles L. Dotson, Director Planning Services

Donald D. Carlson

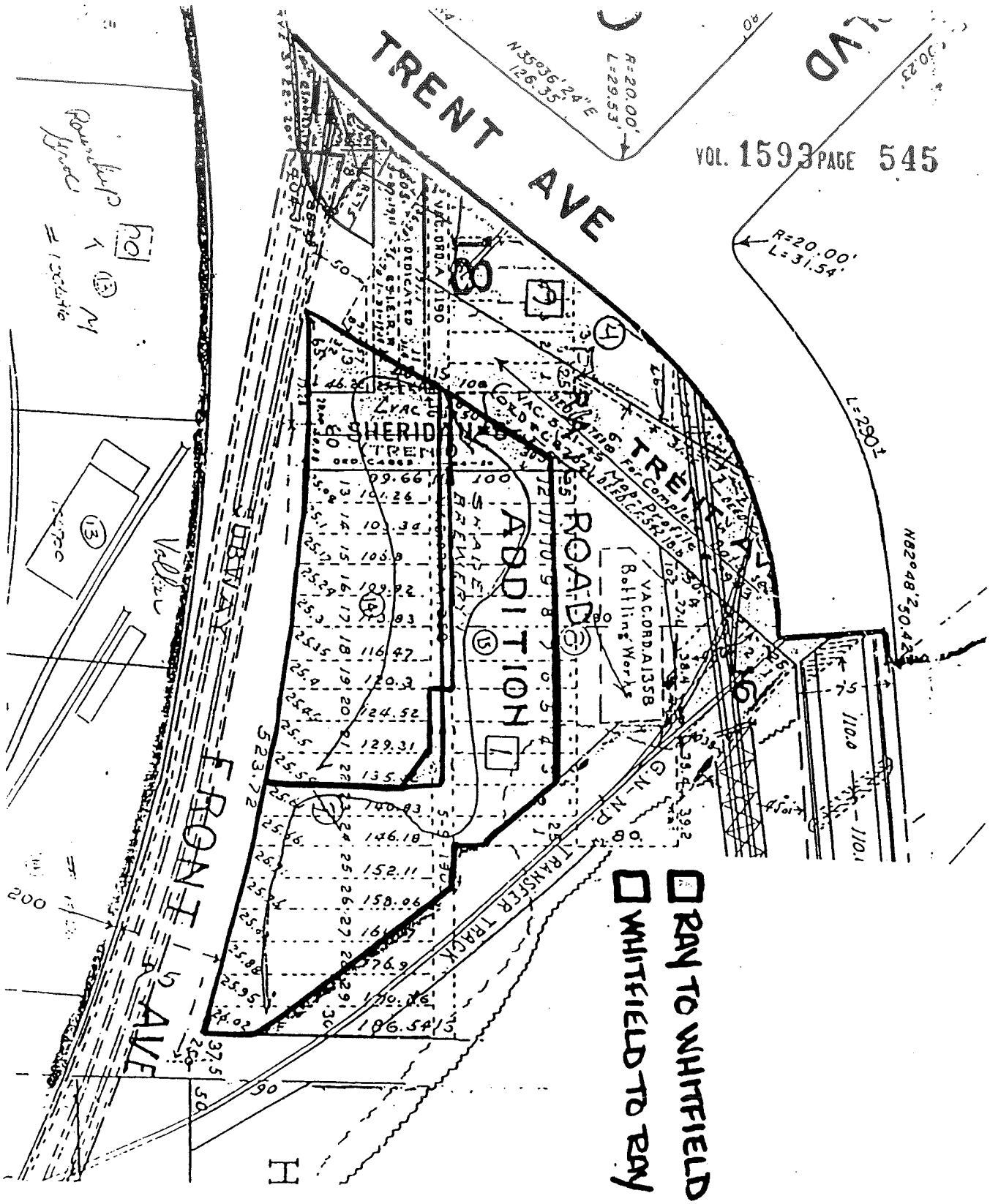
By: Donald D. Carlson, Zoning & Subdivision Administrator
CLD:lkh
Map enclosed
cc: City Treasurer
Spokane County Treasurer
Building Services, Attn: Bob Eugene
Public Works Department, Attn: Rich Davis

TRENT AVE
VOL 1593 PAGE 543
SHERIDAN
RAY
ADDITION
WHITFIELD
ROAD
FRONTAGE
AVE
BEFORE

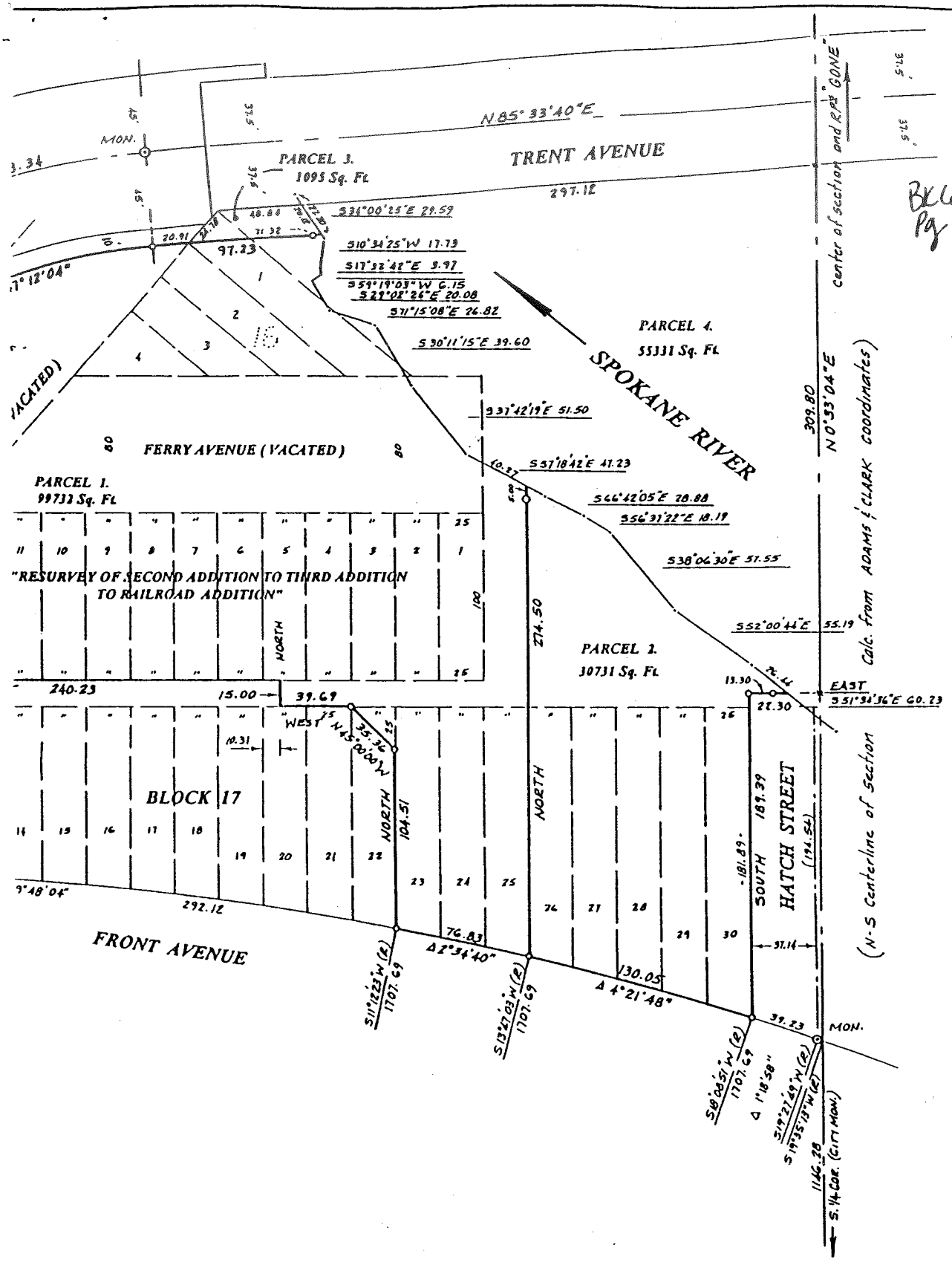
TC-0154

TRENT AVE
VOL. 1593 PAGE 541
SHERIDAN
SEG A
SEG B
ADDITION
ROAD
AFTER

TC-0155


TRENT AVE
VOL. 1593 PAGE 545
R=20.00'
L=29.53'
N35°36'24"E
126.35
R=20.00'
L=31.54'
L=290±
N82°48'50.42"E
SHERIDAN ROAD
ADDITION
TRENT AVE
FRONT ST
RAY TO WHITFIELD
WHITFIELD TO RAY
TRANSFER TRACK
VAC. ORD. A 1358
Bottling Works
VAC. ORD. A 1190
DEDICATED
Valley
200
90
50
37.5
25
100
110.0
110.1

TC-0156



BK 62 Pg 1

AUDITOR'S CERTIFICATE

Filed for record this 16 day of Sept., 1994,
at 929 M, in Book 62 of Surveys, Page 1
at the request of Whitfield

L Behrens
County Auditor

1/4	SECTION	TOWNSHIP	RANGE
	17	25 N	43 E

WHITFIELD — 93063

RAMCO Surveyors
773 N Wahoma Drive
Phone: (509) 467-0604 Spokane WA 99208

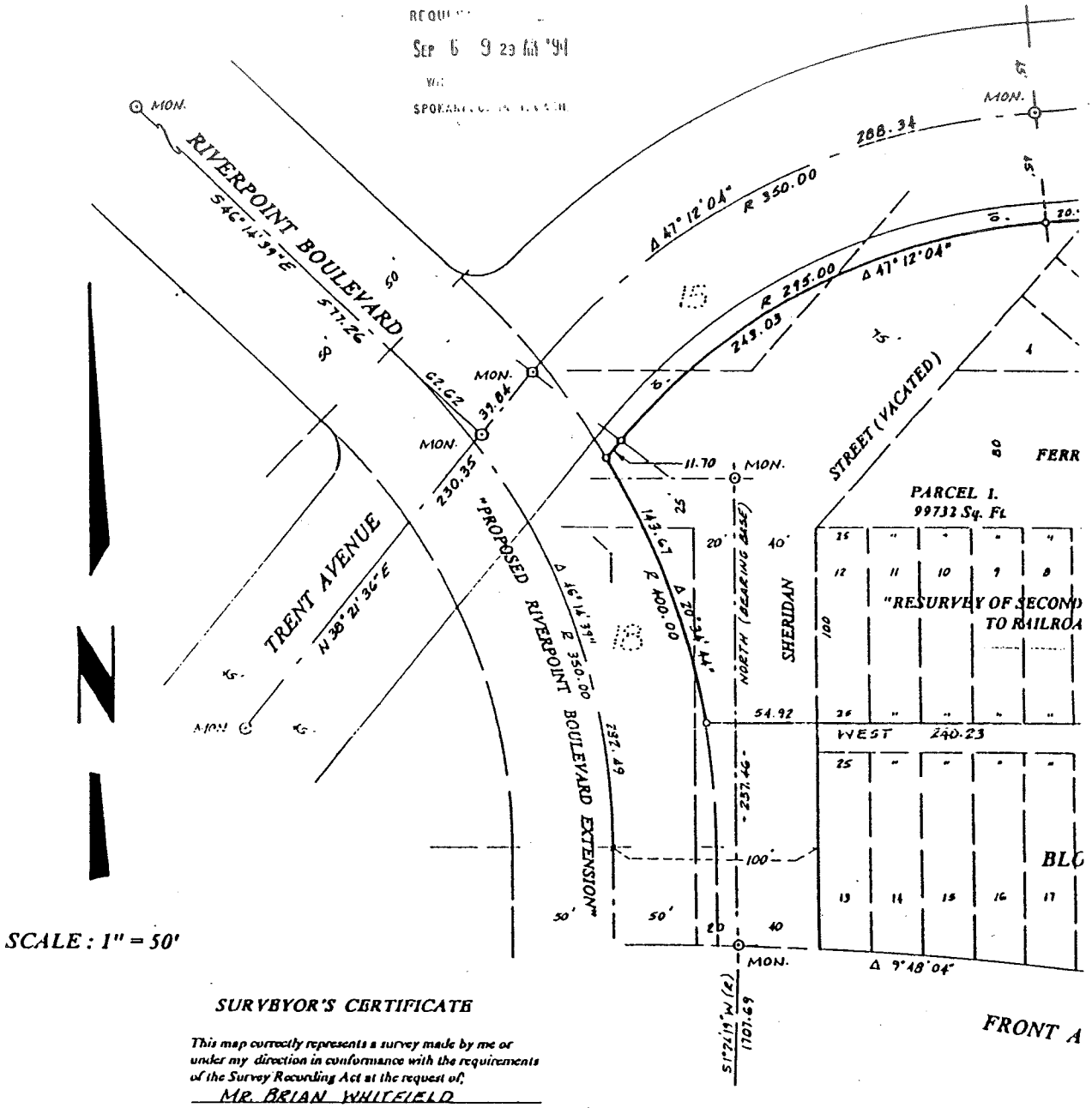
SURVEY FOR:
BRIAN WHITFIELD

DATE: 8/27/
DRW RAM
CHKD
SHEET 1 OF

TC-0158

9409060043

FILED OR RECORDED
REQUEST OF
Sep 6 9 23 AM '94
SPOKANE CO. WASH.



SCALE : 1" = 50'

SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of

MR. BRIAN WHITFIELD

in MAY, 1994.

(Signed and Sealed) Richard D. Ramo

(Certificate No. L.S. 10401

0 50 100 150 200 250

LEGEND

- Found as Noted Hereon
- o Set #5 x 18" Rebar and Cap "RAMCO, L.S. 10401"

Total Station EDM (5") Traverse Method

TC-0157

LEGAL DESCRIPTION FOR BRIAN WHITFIELD

PARCEL 1 - Part of BLOCKS 15, 16, 17 and 18, part of vacated Sheridan Street and Ferry Avenue, part of vacated alley in BLOCK 17, all in "RESURVEY of SECOND ADDITION to THIRD ADDITION to RAILROAD ADDITION", according to plat recorded in Volume "C" of Plats, Page 80, records of Spokane County, AND part of the unplatted area within the southwest quarter of Section 17, Township 25 North, Range 43 East W.M., in the City and County of Spokane, State of Washington, more particularly described as follows:

BEGINNING at the southwest corner of LOT 12, BLOCK 17, thence WEST along the south line of LOT 12 extended westerly a distance of 54.92 feet to a point on the easterly right of way line of "Proposed Riverpoint Boulevard Extension", said point being on a non-tangent curve whose center of radius bears S 81°00'10" W 400.00 feet, thence northwesterly along said curve and right of way line through a central angle of 20°34'44" an arc length of 143.67 feet to a point on a right of way line which is 55 feet southeasterly from and parallel with the centerline of Trent Avenue, as constructed and shown on sheet 2 of "RIVERPOINT TWO" Short Plat # City 88-12, thence N 38°21'36" E along said 55 foot right of way line 11.70 feet to the beginning of a 295.00 foot radius curve to the right, thence northeasterly along said curve and 55 foot right of way line through a central angle of 47°12'04" an arc length of 243.03 feet, thence N 85°33' 40" E along said 55 foot right of way line and line extended 97.2 feet, more or less, to a point on the line of ordinary high water of the south bank of the Spokane River, thence southeasterly along said ordinary high water line to an intersection with the east line of LOT 25, BLOCK 17, extended northerly, thence SOUTH along said extended line and east line of LOT 25 a distance of 274.5 feet, more or less, to the southeast corner of LOT 25, said point being on a non-tangent curve whose center of radius bears S 13°47'03" W 1707.69 feet, thence northwesterly along said curve and south line of LOTS 25, 24 and 23 through a central angle of 2°34'40" an arc length of 76.83 feet to the southwest corner of LOT 23, thence NORTH along the west line of LOT 23 a distance of 104.51 feet to a point 25.00 feet south of the northwest corner of LOT 23, thence N 45°00'00" W 35.36 feet to the northwest corner of LOT 22, thence WEST along the north line of LOTS 21 and 20 a distance of 39.69 feet to a point 14.69 feet west of the northeast corner of LOT 20, thence NORTH 15.00 feet to a point on the south line of LOT 5, BLOCK 17, which is 14.69 feet west of the southeast corner thereof, thence WEST along the south line of LOTS 5 through 12 a distance of 185.31 feet to the POINT of BEGINNING.
Containing 2.290 Acres.

PARCEL 2 - Part of BLOCK 17, "RESURVEY of SECOND ADDITION to THIRD ADDITION to RAILROAD ADDITION", according to plat recorded in Volume "C" of Plats, Page 80, records of Spokane County, AND part of the unplatted area within the southwest quarter of Section 17, Township 25 North, Range 43 East W.M., in the City and County of Spokane, State of Washington, more particularly described as follows:

BEGINNING at the southwest corner of LOT 26, BLOCK 17, thence NORTH along the west line of LOT 26 and line extended a distance of 274.5 feet, more or less, to a point on the line of ordinary high water of the south bank of the Spokane River, thence southeasterly along said ordinary high water line to an intersection with the centerline of the vacated alley in BLOCK 17 extended easterly, thence WEST along said easterly extension of the centerline of the vacated alley a distance of 22.3 feet, more or less, to an intersection with the east line of LOT 30, BLOCK 17, extended northerly, thence SOUTH along said extended line and east line of LOT 30 a distance of 189.39 feet to the southeast corner of LOT 30, said point being on a non-tangent curve whose center of radius bears S 18°08'51" W 1707.69 feet, thence northwesterly along said curve and south line of LOTS 30 through 26 through a central angle of 4°21'48" an arc length of 130.05 feet, to the POINT of BEGINNING.
Containing 0.705 Acres.
EXCEPT that part, if any, contained within Hatch Street.

PARCEL 3 - Part of BLOCK 16, "RE
to RAILROAD ADDITION", accordi
records of Spokane County, AND pa
Section 17, Township 25 North, Range
of Washington, more particularly desc

Commencing at the southwest corne
northwesterly line of BLOCK 16 a dis
point being on a right of way line wi
centerline of Trent Avenue, as constru
Plat # City 88-12, thence continuing N
of Trent Avenue, thence N 85°33'40" I
less, to a point on the line of ordinary h
southeasterly along said ordinary high
the POINT of BEGINNING, thence S
BEGINNING.
Containing 0.025 Acres.

PARCEL 4 - Part of BLOCK 16, pa
ADDITION to THIRD ADDITION to
Volume "C" of Plats, Page 80, recor
within the southwest quarter of Section
and County of Spokane, State of Washi

That part of the southwest quarter lyi
vacated alley in BLOCK 17 extended e
south bank of the Spokane River.
Containing 1.270 Acres.
EXCEPT that part, if any, contained wi

RECEIVED
FILED OR RECORDED
REQUEST OF
SEP 6 9 30 AM
W
SPOKANE CO. WASH.

9409060043

AUDITOR'S CERTIFICATE

Filed for record this 6 day of Sept, 1994
at 9:30 M, in Book 62 of Surveys, Page 2
at the request of Whitfield

L Behrens
County Auditor

BK 62
Pg 2

PARCEL 3 - Part of BLOCK 16, "RESURVEY of SECOND ADDITION to THIRD ADDITION to RAILROAD ADDITION", according to plat recorded in Volume "C" of Plats, Page 80, records of Spokane County, AND part of the unplatted area within the southwest quarter of Section 17, Township 25 North, Range 43 East W.M., in the City and County of Spokane, State of Washington, more particularly described as follows:

Commencing at the southwest corner of BLOCK 16, thence N 40°38'00" E along the northwesterly line of BLOCK 16 a distance of 101.07 feet to the POINT of BEGINNING, said point being on a right of way line which is 55 feet southeasterly from and parallel with the centerline of Trent Avenue, as constructed and shown on sheet 2 of "RIVERPOINT TWO" Short Plat # City 88-12, thence continuing N 40°38'00" E 24.78 feet to the southerly right of way line of Trent Avenue, thence N 85°33'40" E along said right of way a distance of 48.8 feet, more or less, to a point on the line of ordinary high water of the south bank of the Spokane River, thence southeasterly along said ordinary high water line to a point which bears N 85°33'40" E from the POINT of BEGINNING, thence S 85°33'40" W 76.3 feet, more or less, to the POINT of BEGINNING.
Containing 0.025 Acres.

***PARCEL 4** - Part of BLOCK 16, part of vacated Ferry Avenue, "RESURVEY of SECOND ADDITION to THIRD ADDITION to RAILROAD ADDITION", according to plat recorded in Volume "C" of Plats, Page 80, records of Spokane County, AND part of the unplatted area within the southwest quarter of Section 17, Township 25 North, Range 43 East W.M., in the City and County of Spokane, State of Washington, more particularly described as follows:*

That part of the southwest quarter lying south of Trent Avenue, north of the centerline of the vacated alley in BLOCK 17 extended easterly, and east of the line of ordinary high water of the south bank of the Spokane River.
Containing 1.270 Acres.
EXCEPT that part, if any, contained within Hatch Street.

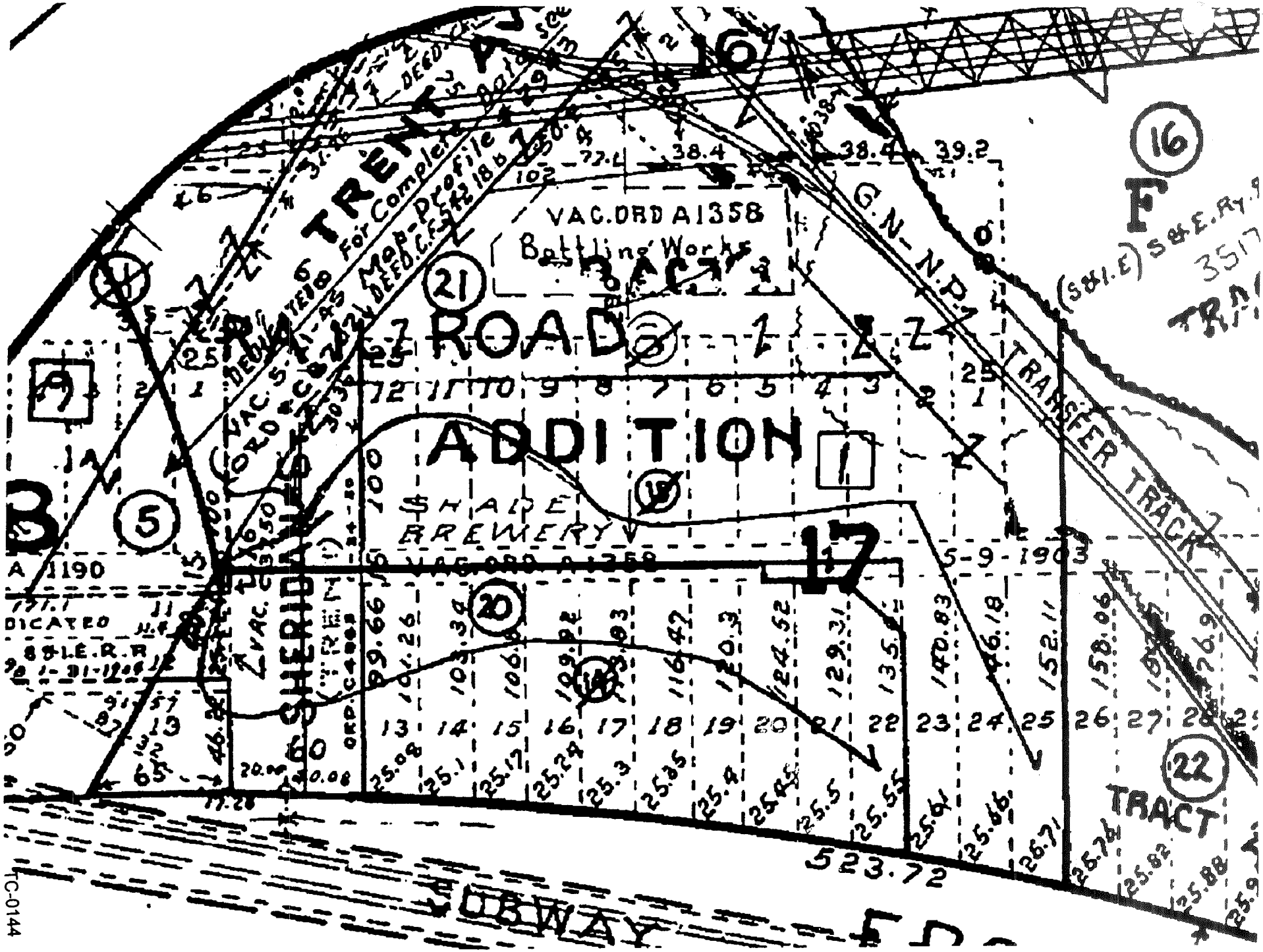
SURVEYOR'S CERTIFICATE

This map correctly represents a survey made by me or under my direction in conformance with the requirements of the Survey Recording Act at the request of
MR. BRIAN WHITFIELD
in MAY, 1994.
(Signed and Sealed) Richard A. Main
(Certificate No. L-5-10401

STATE OF WASHINGTON
RICHARD A. MAIN
10401
REGISTERED
PROFESSIONAL LAND SURVEYOR
EXPIRES 4/23/96

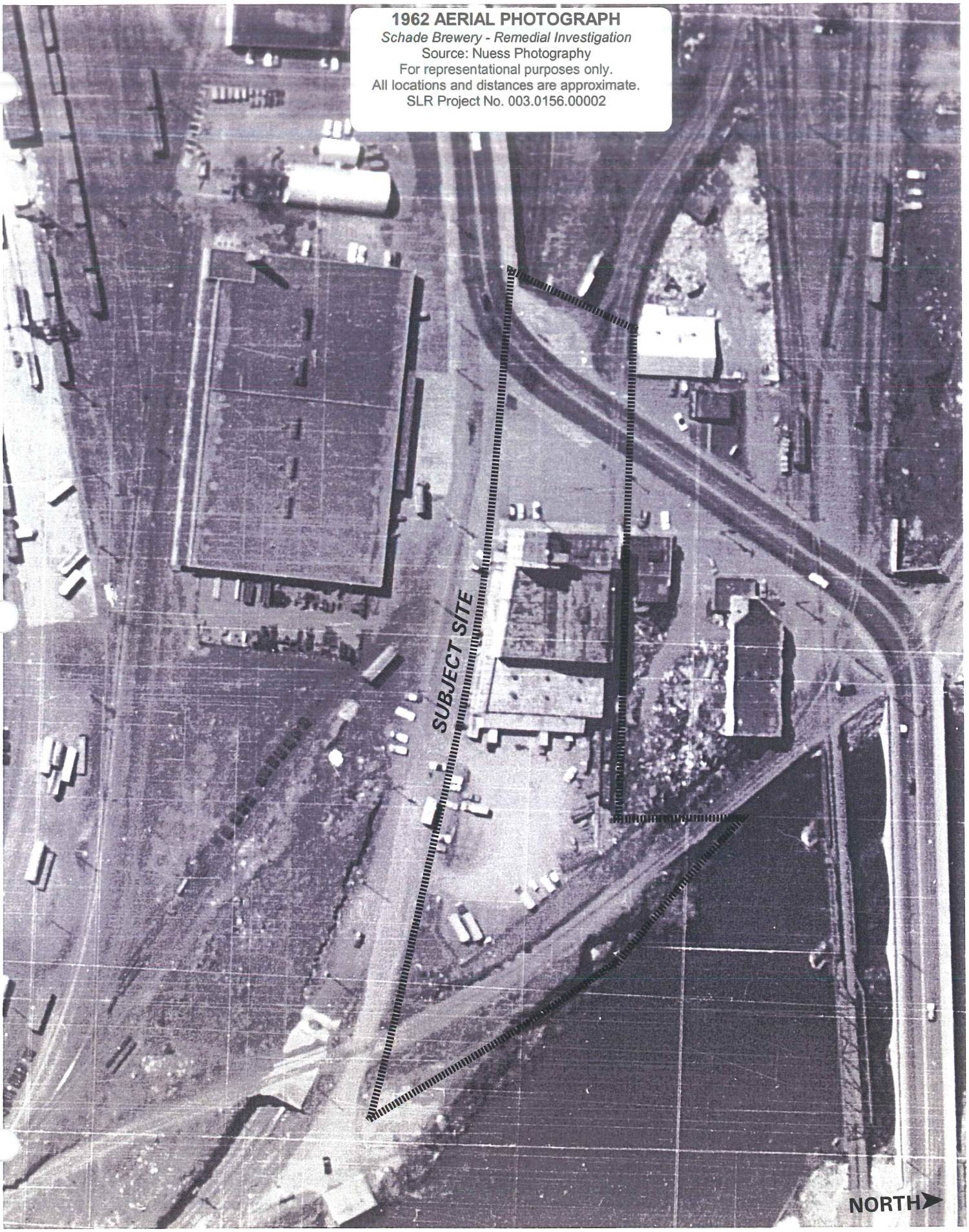
TC-0160

1/4	SECTION	TOWNSHIP	RANGE	RAMCO Surveyor
	17	25	43	SURVEY FOR:


TRACT
ROAD
ADDITION
VAC. ORD A1358
Bell Line Works
SHAPE BREWERY
G.N.-N.P. TRANSFER TRACK
SUBWAY
TRACT
523.72
5-9-1903
A 1190
(S&I.E) S&E.Ry.
16
17
21
20
22
5
9
1
2
TC-0144

APPENDIX C

SLR
International Corp



1962 AERIAL PHOTOGRAPH

Schade Brewery - Remedial Investigation

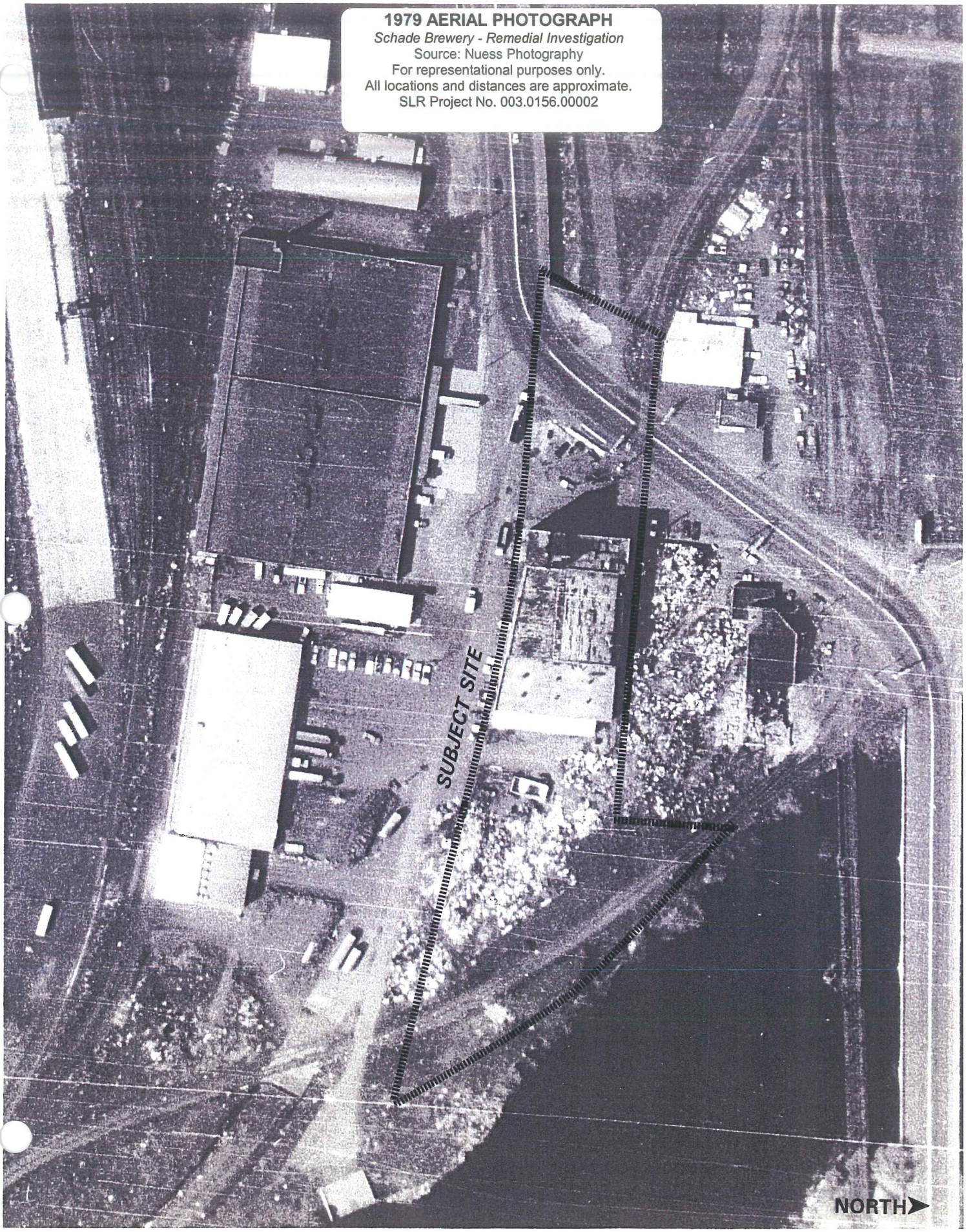
Source: Nuess Photography

For representational purposes only.

All locations and distances are approximate.

SLR Project No. 003.0156.00002

1962



1979 AERIAL PHOTOGRAPH

Schade Brewery - Remedial Investigation

Source: Nuess Photography

For representational purposes only.

All locations and distances are approximate.

SLR Project No. 003.0156.00002

1984 AERIAL PHOTOGRAPH

Schade Brewery - Remedial Investigation

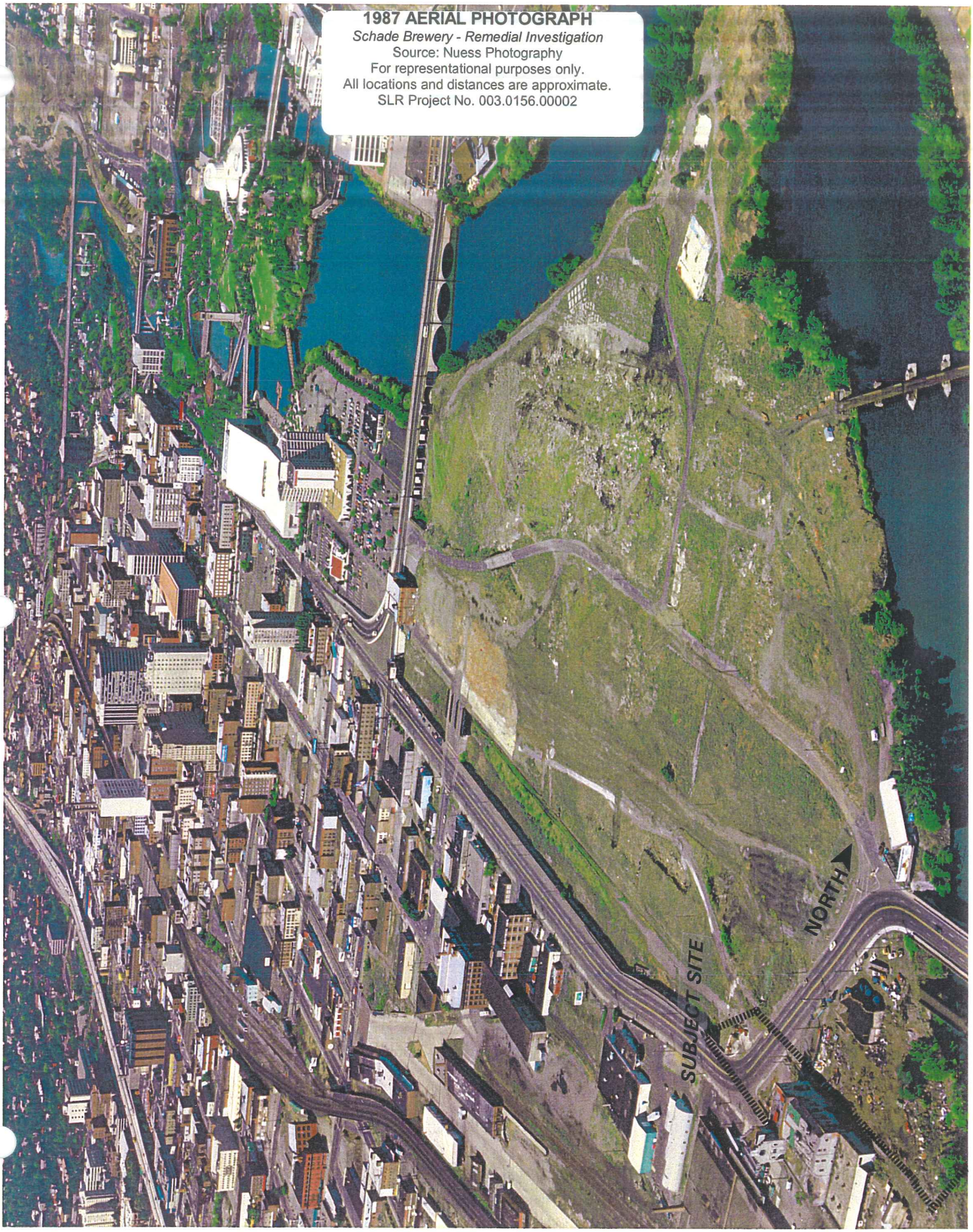
Source: Nuess Photography

For representational purposes only.

All locations and distances are approximate.

SLR Project No. 003.0156.00002

1984



1987 AERIAL PHOTOGRAPH

Schade Brewery - Remedial Investigation

Source: Nuess Photography

For representational purposes only.

All locations and distances are approximate.

SLR Project No. 003.0156.00002

1987

1989 AERIAL PHOTOGRAPH

Schade Brewery - Remedial Investigation

Source: Nuess Photography

For representational purposes only.

All locations and distances are approximate.

SLR Project No. 003.0156.00002

1989

1990 AERIAL PHOTOGRAPH
Schade Brewery - Remedial Investigation
Source: Nuess Photography
For representational purposes only.
All locations and distances are approximate.
SLR Project No. 003.0156.00002
NORTH
SUBJECT SITE
1990

APPENDIX D

SLR
International Corp

WDOE Well Log Summary
Southwest Quarter of Section 17, T 25 N, R 43 E

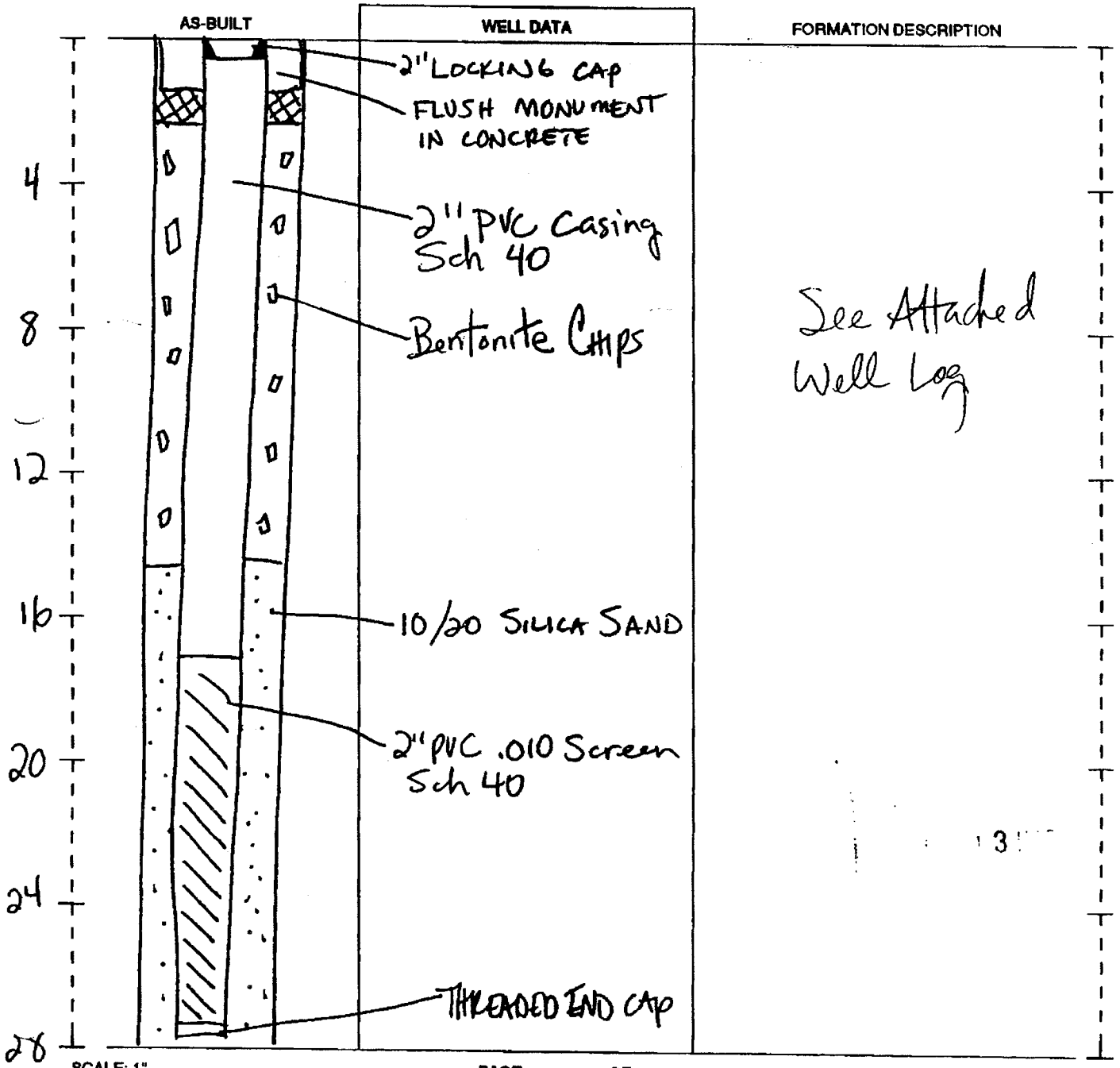
well_log_id	well_tag_nr	nit_id_nr	well_depth_d	well_diamete	well_owner_nm	township_nr	range_nr	range_dir_cd	section_nr	qtr_section_cd	qtr_qtr_section_cd	well_comp_dt	county_nm	well_type_cd	well_log_recv_dt
209004		57363				25	43	E	17		SW	10/8/1991	SPOKANE	R	
209005		S007360				25	43	E	17		SW		SPOKANE	R	
209006		S007362				25	43	E	17		SW	10/8/1991	SPOKANE	R	
209007		S007363				25	43	E	17		SW	10/8/1991	SPOKANE	R	
209008		S007360				25	43	E	17		SW	10/7/1991	SPOKANE	R	
209009		S007361				25	43	E	17		SW	10/8/1991	SPOKANE	R	
180865		R002342			GONZAGA UNIVERSITY LAW SCHOOL	25	43	E	17	SW	NE		SPOKANE	R	9/14/1998
209650		57424			MARRIOTT	25	43	E	17	SW	NW	1/15/1992	SPOKANE	R	
209651		57422			MARRIOTT	25	43	E	17	SW	NW	1/14/1992	SPOKANE	R	
209652		57423			MARRIOTT	25	43	E	17	SW	NW	1/14/1992	SPOKANE	R	
189825		A022810			PRIMARY SIRTI SITE	25	43	E	17	SW	NE	12/8/1991	SPOKANE	A	
209784		A022810			PRIMARY SIRTI SITE	25	43	E	17	SW	NE	10/7/1991	SPOKANE	A	
209785		A022810			PRIMARY SIRTI SITE	25	43	E	17	SW	NE	10/8/1991	SPOKANE	A	
209786		A022810			PRIMARY SIRTI SITE	25	43	E	17	SW	NE	10/8/1991	SPOKANE	A	
209787		A022810			PRIMARY SIRTI SITE	25	43	E	17	SW	NE	12/3/1991	SPOKANE	A	
209788		55945			PRIMARY SIRTI SITE	25	43	E	17	SW	NE	12/3/1991	SPOKANE	R	
209789		55945			PRIMARY SIRTI SITE	25	43	E	17	SW	NE	12/3/1991	SPOKANE	R	
209790		55945			PRIMARY SIRTI SITE	25	43	E	17	SW	NE	12/4/1991	SPOKANE	R	
209876		55946			SIRTI SITE	25	43	E	17	SW	NE	12/4/1991	SPOKANE	R	
209877		55946			SIRTI SITE	25	43	E	17	SW	NE	12/4/1991	SPOKANE	R	
209878		55946			SIRTI SITE	25	43	E	17	SW	NE	12/4/1991	SPOKANE	R	
209879		55946			SIRTI SITE	25	43	E	17	SW	NE	12/4/1991	SPOKANE	R	
344197	ABJ567	R017848	49		State of WA General Services	25	43	E	17	SW	NE	6/12/1996	SPOKANE	R	6/20/1996
187888	ABT567				STATE OF WA. GENERAL SERVICES	25	43	E	17	SW	NE	7/21/1997	SPOKANE	R	7/25/1997
209920		56442			TACOMA REAL ESTATE PTNSHP	25	43	E	17				SPOKANE	R	3/25/1991
209921		56442			TACOMA REAL ESTATE PTNSHP	25	43	E	17				SPOKANE	R	3/25/1991
209922		56442			TACOMA REAL ESTATE PTNSHP	25	43	E	17				SPOKANE	R	3/25/1991
210108		57362			WA STATT	25	43	E	17		SW	10/8/1991	SPOKANE	R	

RESOURCE PROTECTION WELL REPORT

START CARD NO. 57424

PROJECT NAME: Marriott
WELL IDENTIFICATION NO. MW-3
DRILLING METHOD: ODEX
DRILLER: Bob Sheldon
FIRM: Environmental West Exp
SIGNATURE:
CONSULTING FIRM: Law Environmental
REPRESENTATIVE: Jim Temple

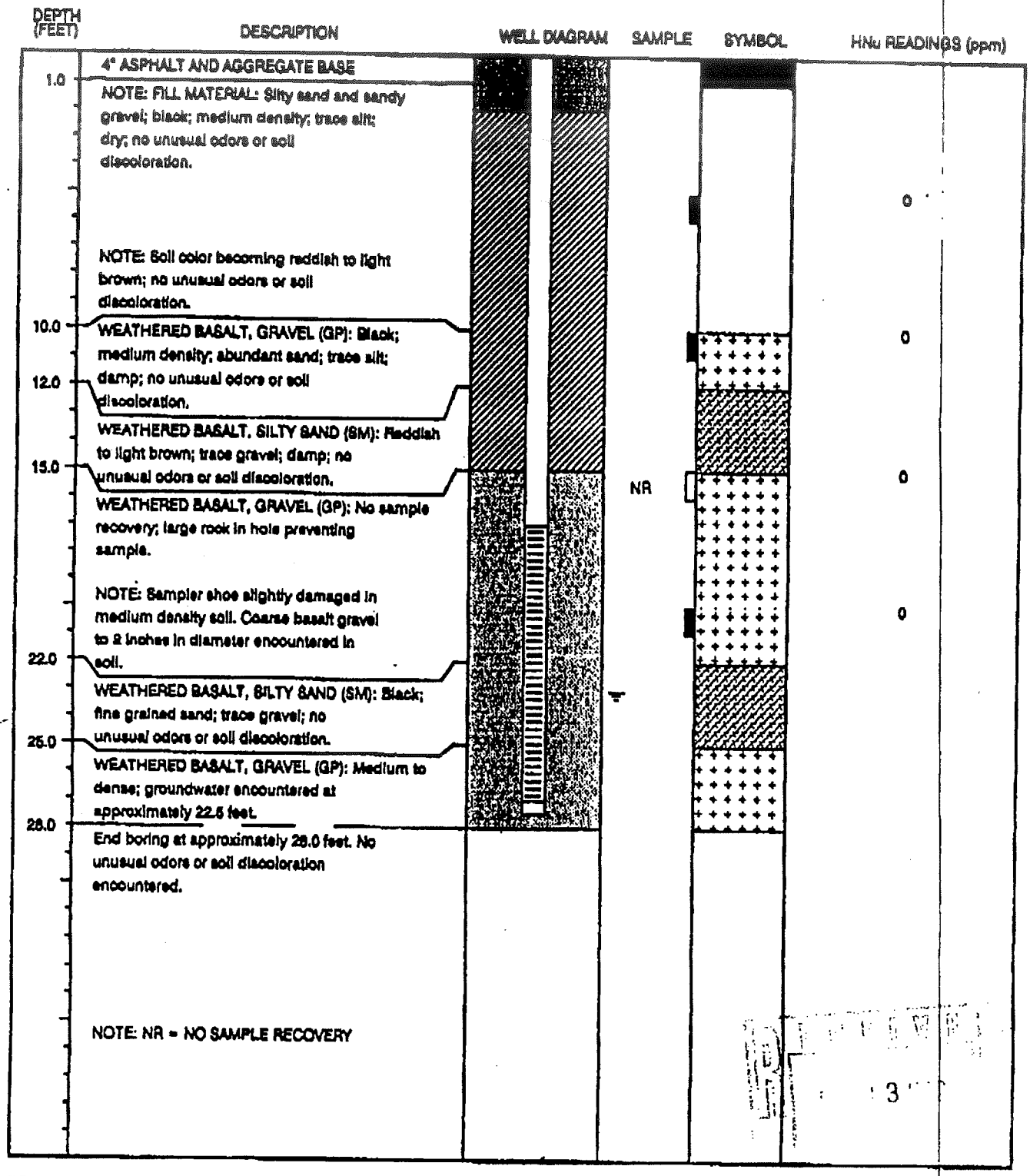
COUNTY: Spokane
LOCATION: NW¼ SW¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: N. 401 Riverpointe Blvd, Spokane WA
WATER LEVEL ELEVATION: 22.5
GROUND SURFACE ELEVATION:
INSTALLED: 1-15-92
DEVELOPED:



SCALE: 1" = _____ PAGE _____ OF _____

ECY 050-12 (Rev. 11/89)

TEST BORING RECORD



REMARKS:

1) Boring advanced with 6-inch air rotary bit and 7-inch casing.

2) Groundwater encountered at approximately 22.5 feet during drilling.

3) No unusual odors or soil discoloration encountered.

DRILLED BY	ENV. WEST	BORING NUMBER	MW-3
LOGGED BY	JBT	DATE STARTED	1/15/92
CHECKED BY	MIM	DATE COMPLETED	1/15/92
		JOB NUMBER	31-2500

PAGE 1 OF 1

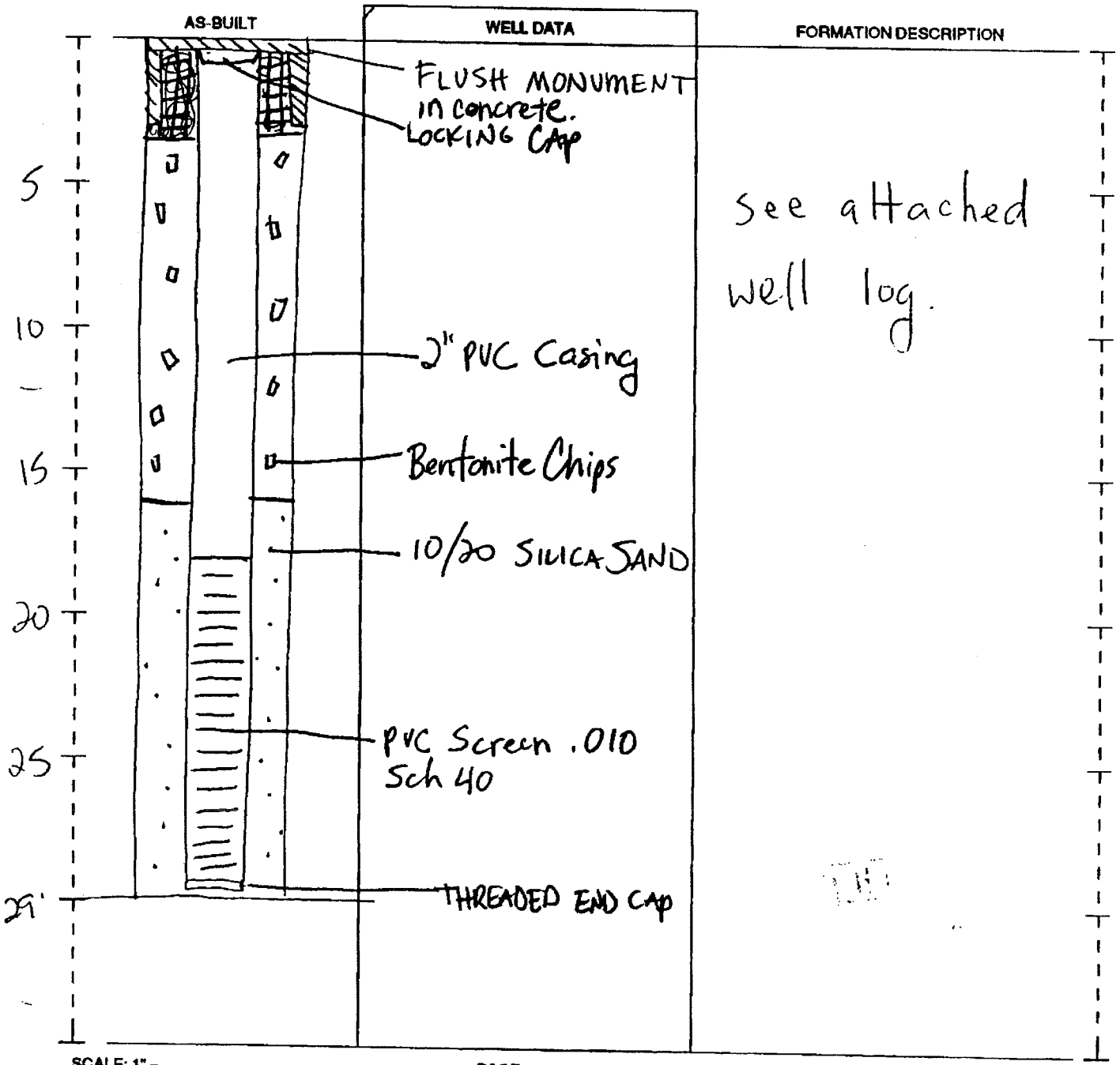
Law Environmental

RESOURCE PROTECTION WELL REPORT

START CARD NO. 57422

PROJECT NAME: Marriott
WELL IDENTIFICATION NO. MW-1
DRILLING METHOD: ODEX
DRILLER: Bob Shelton
FIRM: Environmental West Exp
SIGNATURE:
CONSULTING FIRM: Law Environmental
REPRESENTATIVE: Jim Temple

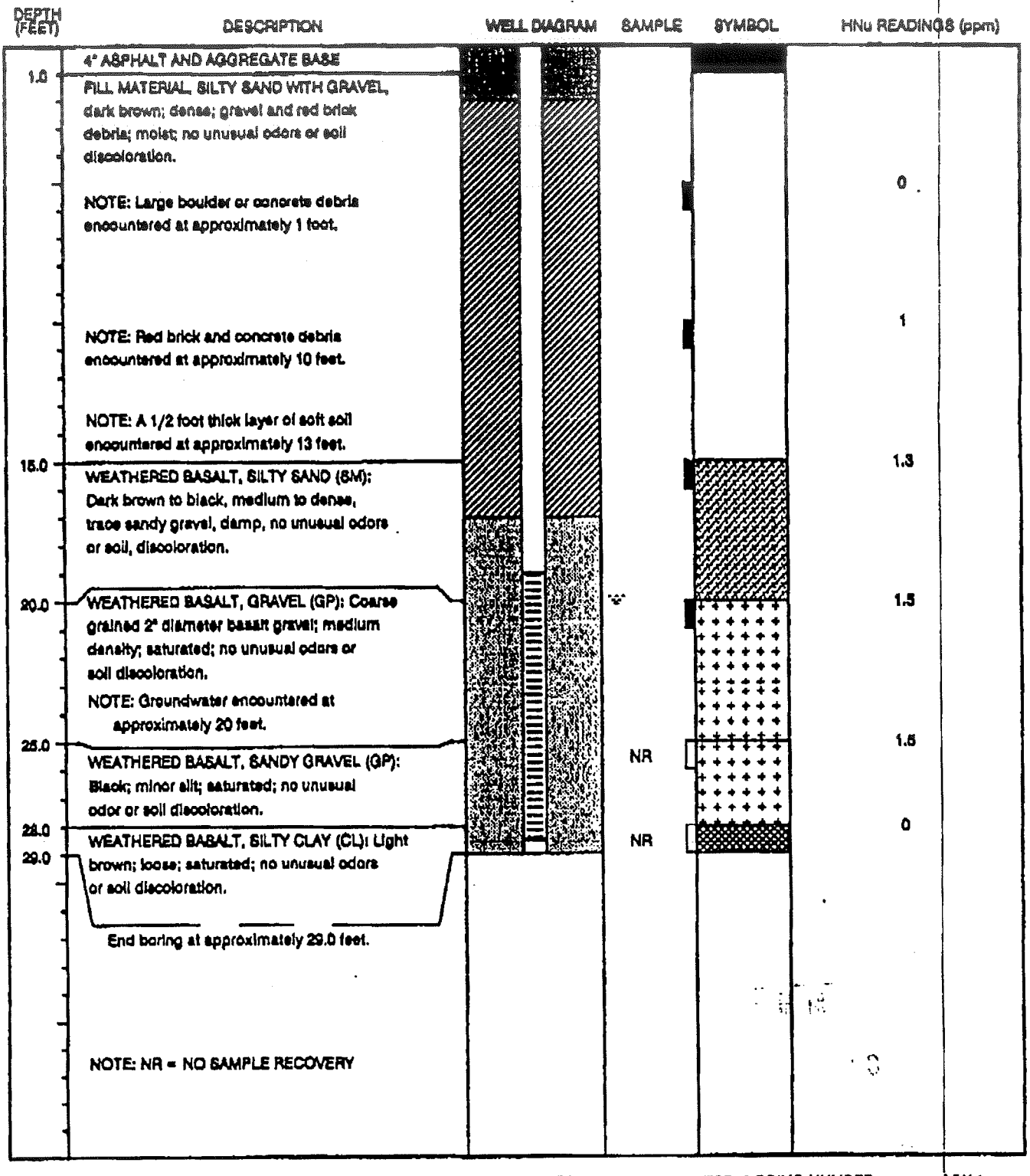
COUNTY: Spokane
LOCATION: NW¼ SW¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: N. 401 Riverpointe Blvd., Spokane, WA
WATER LEVEL ELEVATION: 20 ft
GROUND SURFACE ELEVATION:
INSTALLED: 1-14-92
DEVELOPED:



SCALE: 1" = _____ PAGE _____ OF _____

ECY 050-12 (Rev. 11/89)

TEST BORING RECORD



REMARKS:

1) Boring advanced with 6-inch air-rotary bit and 7-inch casing.

2) Groundwater encountered at approximately 20 feet in depth.

3) No unusual odors or soil discoloration.

DRILLED BY	ENV. WEST	BORING NUMBER	MW-1
LOGGED BY	JBT	DATE STARTED	1/14/92
CHECKED BY	MIM	DATE COMPLETED	1/14/92
		JOB NUMBER	31-2500

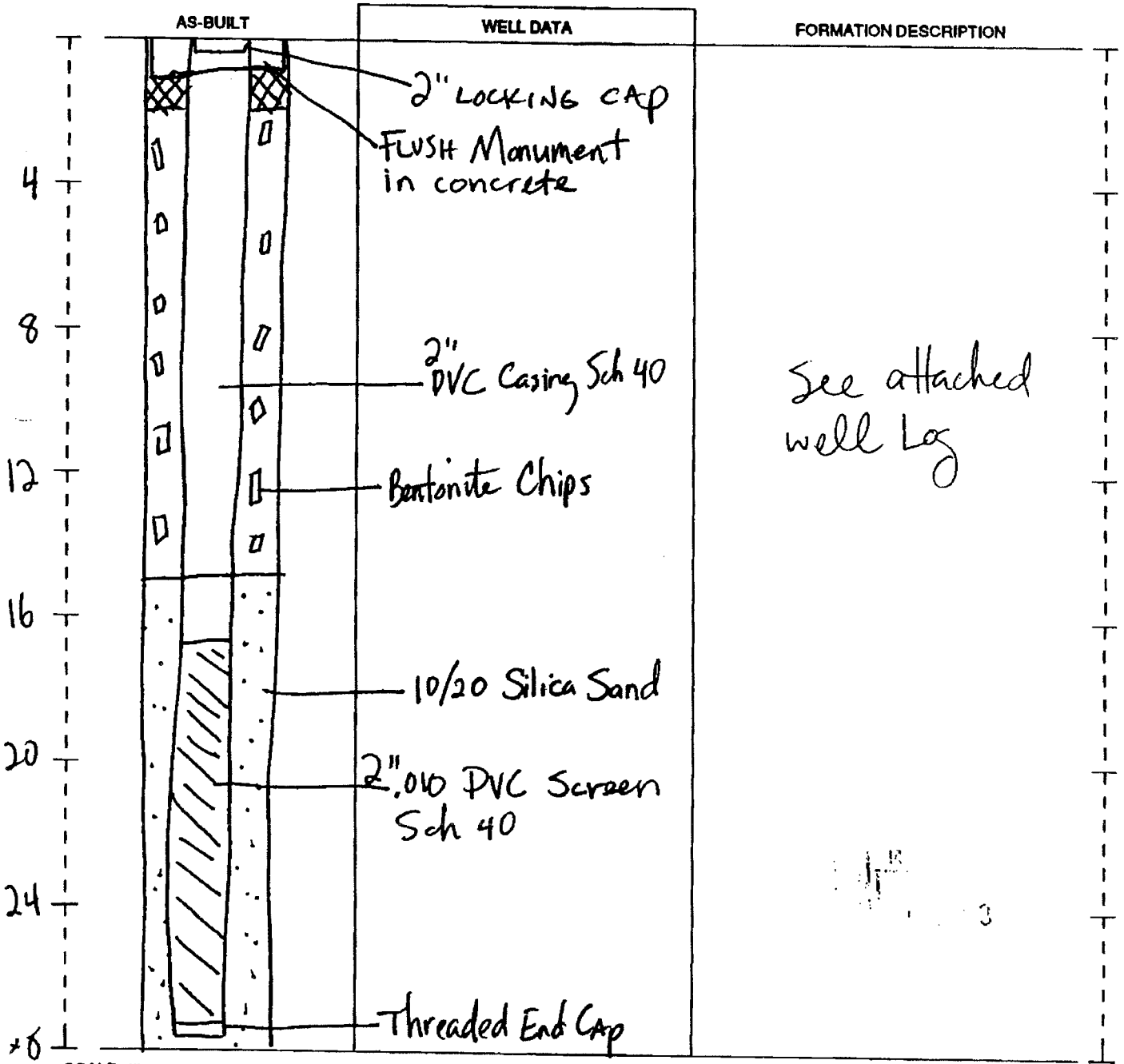
Law Environmental

RESOURCE PROTECTION WELL REPORT

START CARD NO. 57423

PROJECT NAME: MARRIOTT
WELL IDENTIFICATION NO. MW-2
DRILLING METHOD: ODEX
DRILLER: Bob Sheldon
FIRM: ENVIRONMENTAL WEST EXP
SIGNATURE:
CONSULTING FIRM: LAW ENVIRONMENTAL
REPRESENTATIVE: Jim Temple

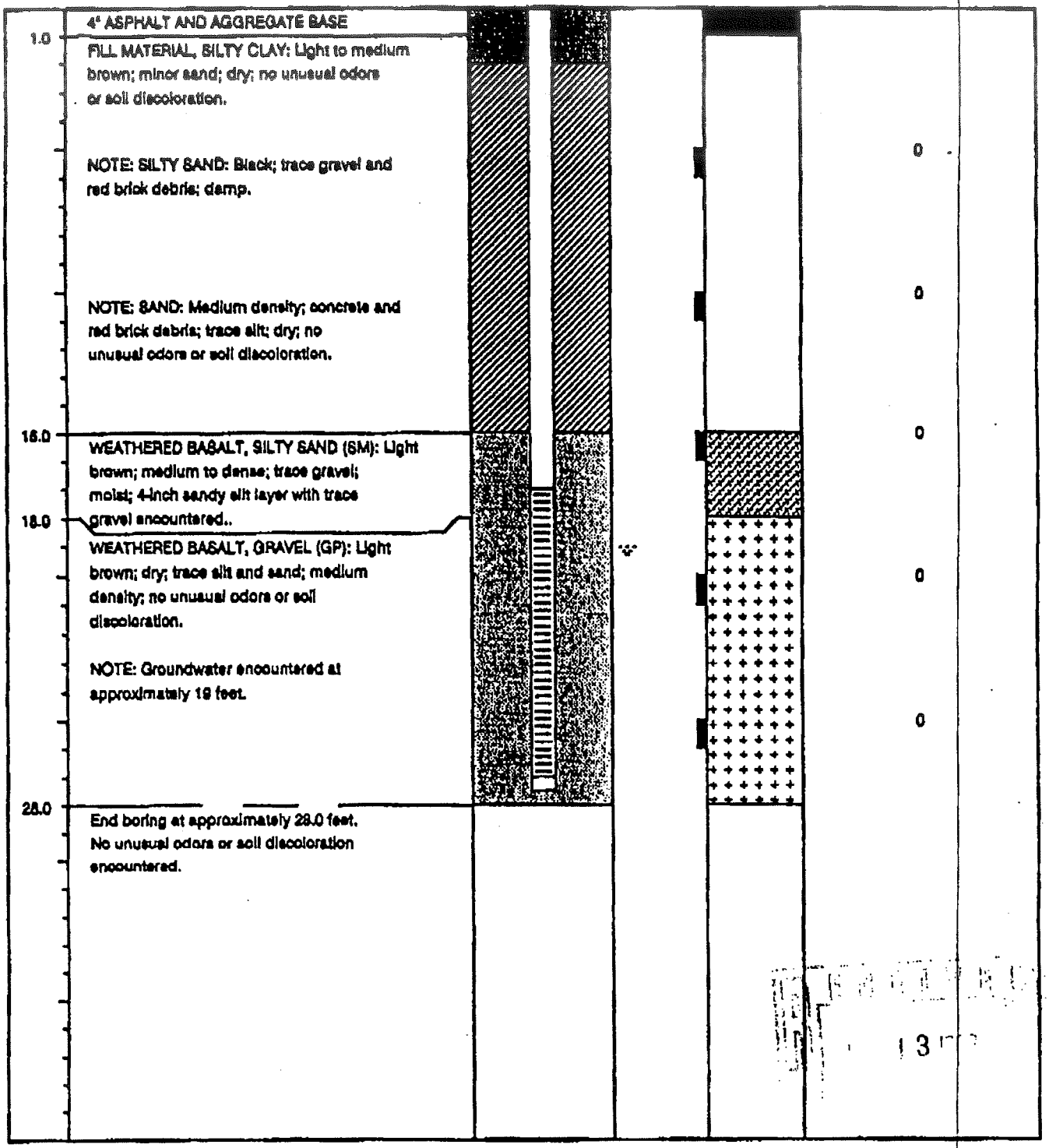
COUNTY: Spokane
LOCATION NW 1/4 SW 1/4 Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: N. 401 Riverpointe Blvd, Spokane, WA
WATER LEVEL ELEVATION: 19 FT
GROUND SURFACE ELEVATION:
INSTALLED: 1-14-92
DEVELOPED:



SCALE: 1" = _____ PAGE _____ OF _____

ECY 050-12 (Rev. 11/89)

TEST BORING RECORD



REMARKS:

1) Boring advanced with 5" air-rotary bit and 7" casing.

2) Groundwater encountered at approximately 18 feet in depth.

3) No unusual odors or soil discoloration encountered.

DRILLED BY	ENV. WEST	BORING NUMBER	MW-2
LOGGED BY	JBT	DATE STARTED	1/14/92
CHECKED BY	MIM	DATE COMPLETED	1/14/92
		JOB NUMBER	31-2500

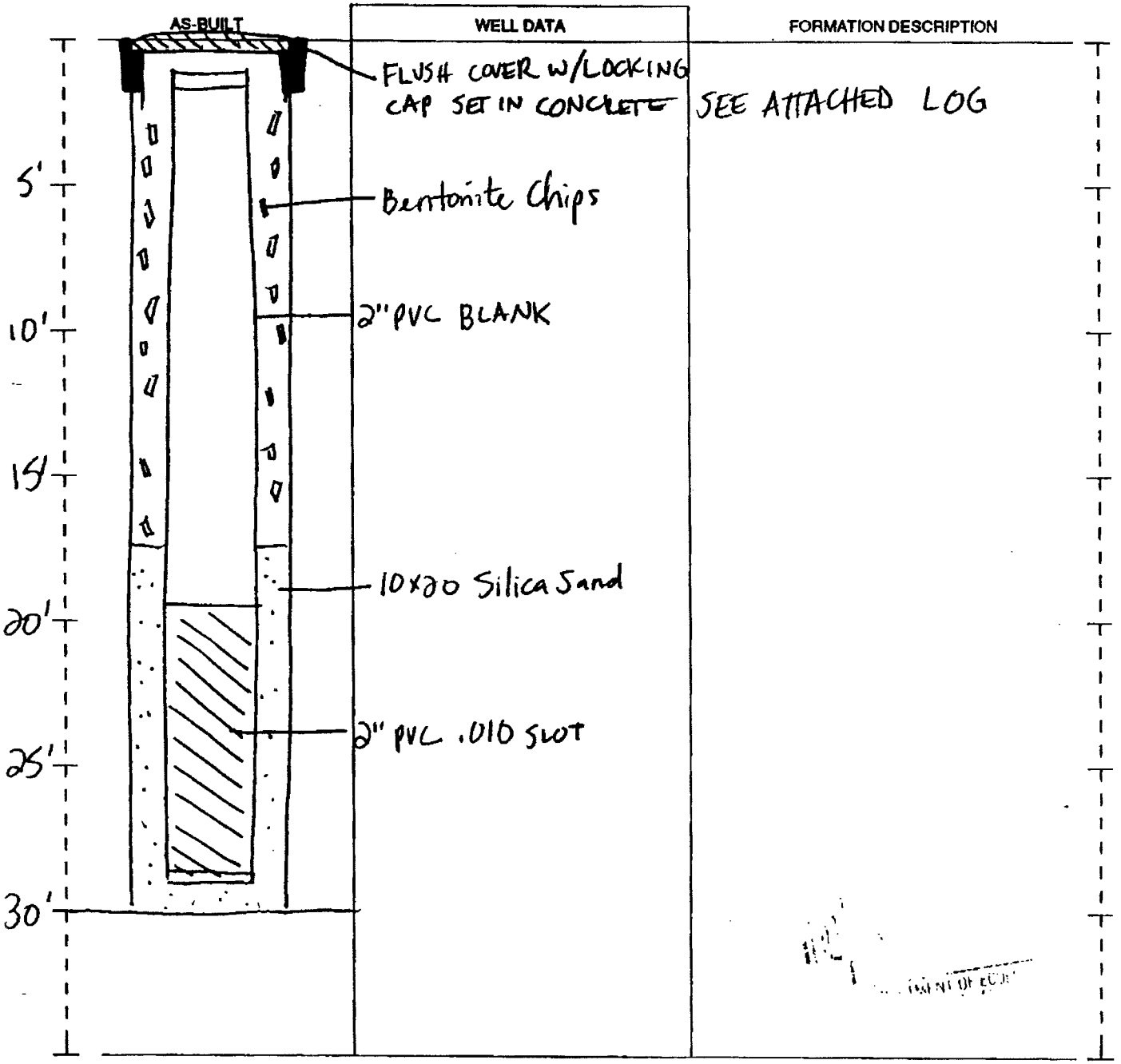
Law Environmental

RESOURCE PROTECTION WELL REPORT

START CARD NO. 57362

PROJECT NAME: WA State
WELL IDENTIFICATION NO. MW-403
DRILLING METHOD: ODEX
DRILLER: Bob Shelton
FIRM: ENVIRONMENTAL-WEST EXP
SIGNATURE: [signature]
CONSULTING FIRM: GIFFORD CONSULTANTS
REPRESENTATIVE: GRANT CUMMINGS

COUNTY: Spokane
LOCATION: SW ¼ ___ ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: Trent & Rockpointe, Spokane
WATER LEVEL ELEVATION:
GROUND SURFACE ELEVATION:
INSTALLED: 10-8-91
DEVELOPED:



SCALE: 1" = _____ PAGE _____ OF _____

ECY 050-12 (Rev. 11/89)

SOIL DESCRIPTION Surface Elevation: 1990.88	DEPTH, FEET	SAMPLES	GROUND WATER	DEPTH, FEET	STANDARD PENETRATION RESISTANCE ▲ Blows per foot 0 25 50
Loose, brown, silty, gravelly SAND (Fill); moist, some porcelain and glass fragments.				5	
Medium dense, brown, silty sandy GRAVEL (Fill); moist with boulders, concrete and glass.	10'			10	
Medium dense, brown, silty, gravelly SAND (Fill); moist with some concrete fragments.	15'			15	
Dense, brown, silty, sandy GRAVEL; saturated. Gravels subrounded.	20'		▽ 20.8' 10/8/91	20 25	
END OF BORING COMPLETED 10/8/91	30'			30	

PRELIMINARY

PRELIMINARY

Revision date

Field rep.

Checked by

Drwg. date

Drawn by

LEGEND

I 2" O.D. Split-Spoon Sample

II 3" O.D. Thin-Wall Sample

* Sample Not Recovered

Impervious Seal

Water Level

Piezometer Tip

Plastic Limit — Liquid Limit

● .% WATER CONTENT

NOTE: The stratification lines represent the approximate boundaries between soil types. The actual transitions may be gradual.

LOG OF BORING MW-403

GIFFORD CONSULTANTS, INC.
Geotechnical Engineers

FIG. 13

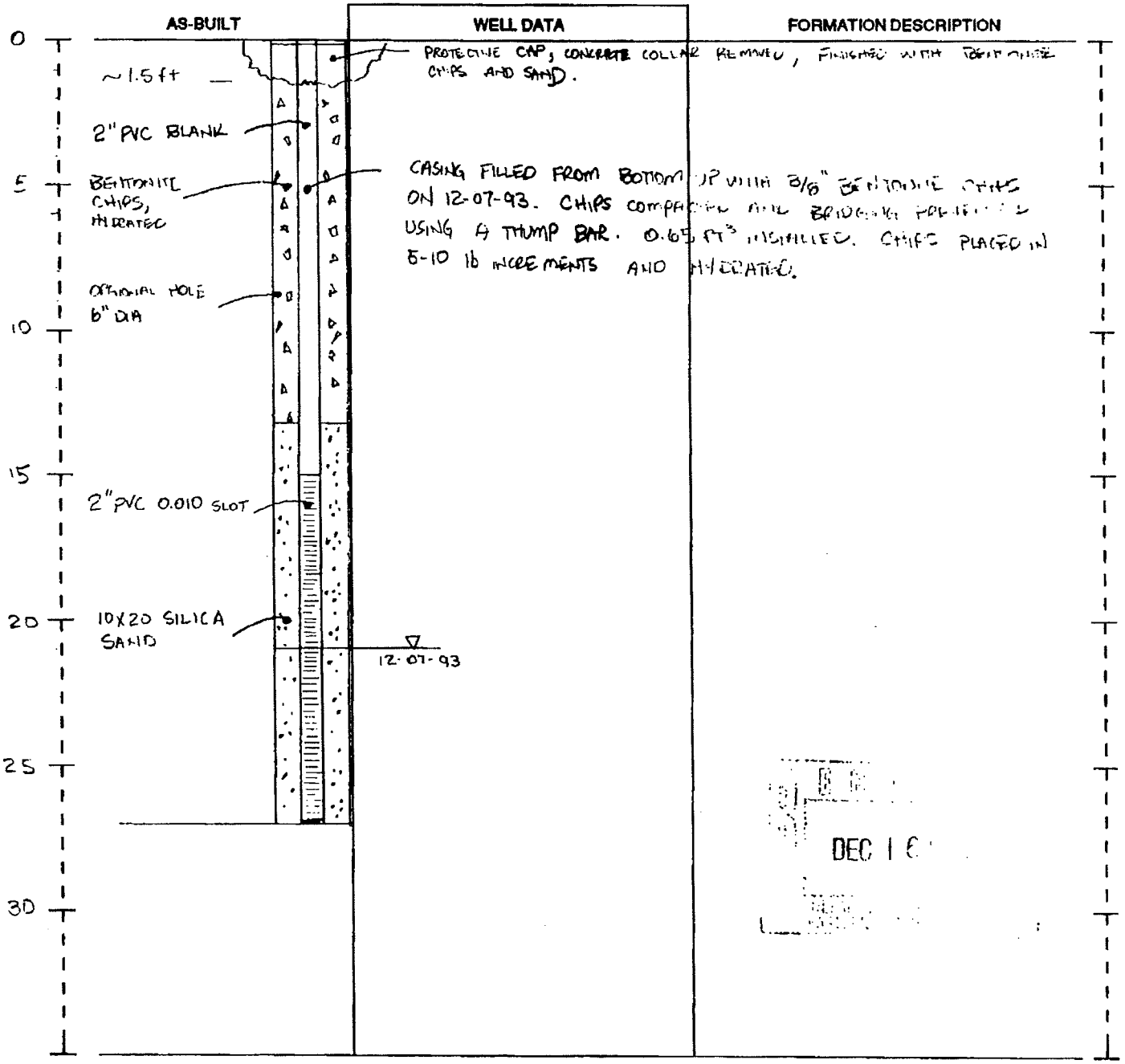
RESOURCE PROTECTION WELL REPORT

WELL ABANDONMENT REPORT

START CARD NO. 57360
ABANDONMENT CARD NO. AZZ810

PROJECT NAME: PRIMARY SIRTI SITE
WELL IDENTIFICATION NO. MW-404
DRILLING METHOD: ODEX
DRILLER: FRED PAYTON
FIRM: GUIFORD CONSULTANTS INC
SIGNATURE:
CONSULTING FIRM: LANDAU ASSOC.
REPRESENTATIVE: TOM HIGGINS

COUNTY: ~~SKAGIT~~ SNOHOMISH
LOCATION: NE 1/4 SW 1/4 Sec 17 Twn 25N R 4E
STREET ADDRESS OF WELL: TRENT AVE AND BROADWAY BLVD, SNOHOMISH
WATER LEVEL ELEVATION: ~~FT~~ 21' BELOW GS
GROUND SURFACE ELEVATION: UNK
INSTALLED: ~~10-08-93~~ 10-08-91
DEVELOPED: UNK
ABANDONED 12-07-93



DEC 1 8

SCALE: 1" = 5 FT

PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)

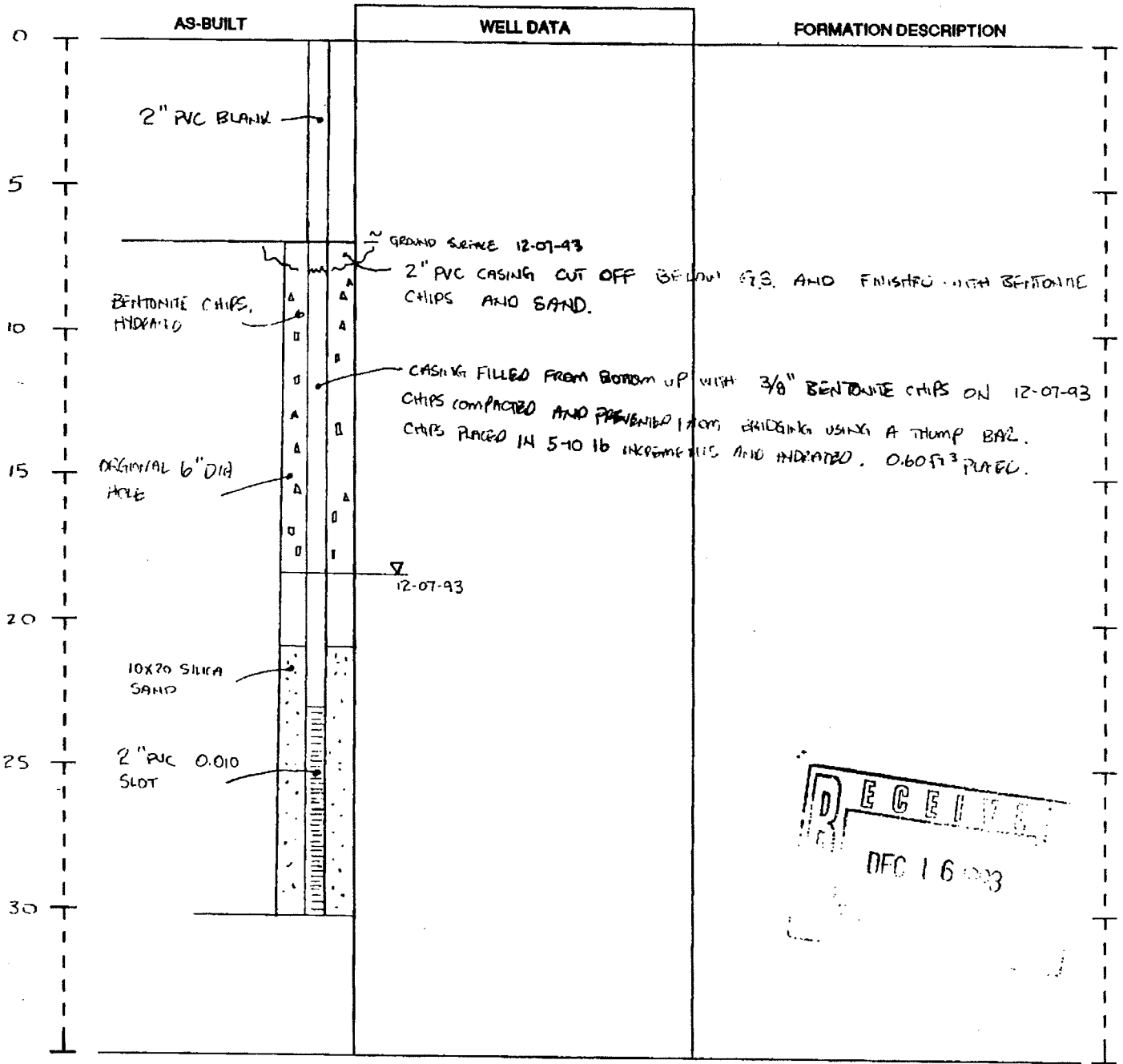
RESOURCE PROTECTION WELL REPORT

WELL ABANDONMENT REPORT

START CARD NO. 57360
ABANDONMENT FILE NO. AZZ810

PROJECT NAME: PRIMARY SIRTI SITE
WELL IDENTIFICATION NO. MW-401
DRILLING METHOD: ODEX
DRILLER: FRED PAYTON
FIRM: GUIFFORD CONSULTANTS INC.
SIGNATURE:
CONSULTING FIRM: LANDAU ASSOC.
REPRESENTATIVE: TOM HIGGINS

COUNTY: SPOKANE
LOCATION: NE¼ SW¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: TRENT AVE & RIVERPOINT BLVD, SPOKANE
WATER LEVEL ELEVATION: 18.8 ft BELOW TOP OF CASING
GROUND SURFACE ELEVATION: UNK
INSTALLED: 10-07-91
DEVELOPED: UNK



RECEIVED
DEC 16 1993

SCALE: 1" = 5 ft

PAGE 1 OF 1

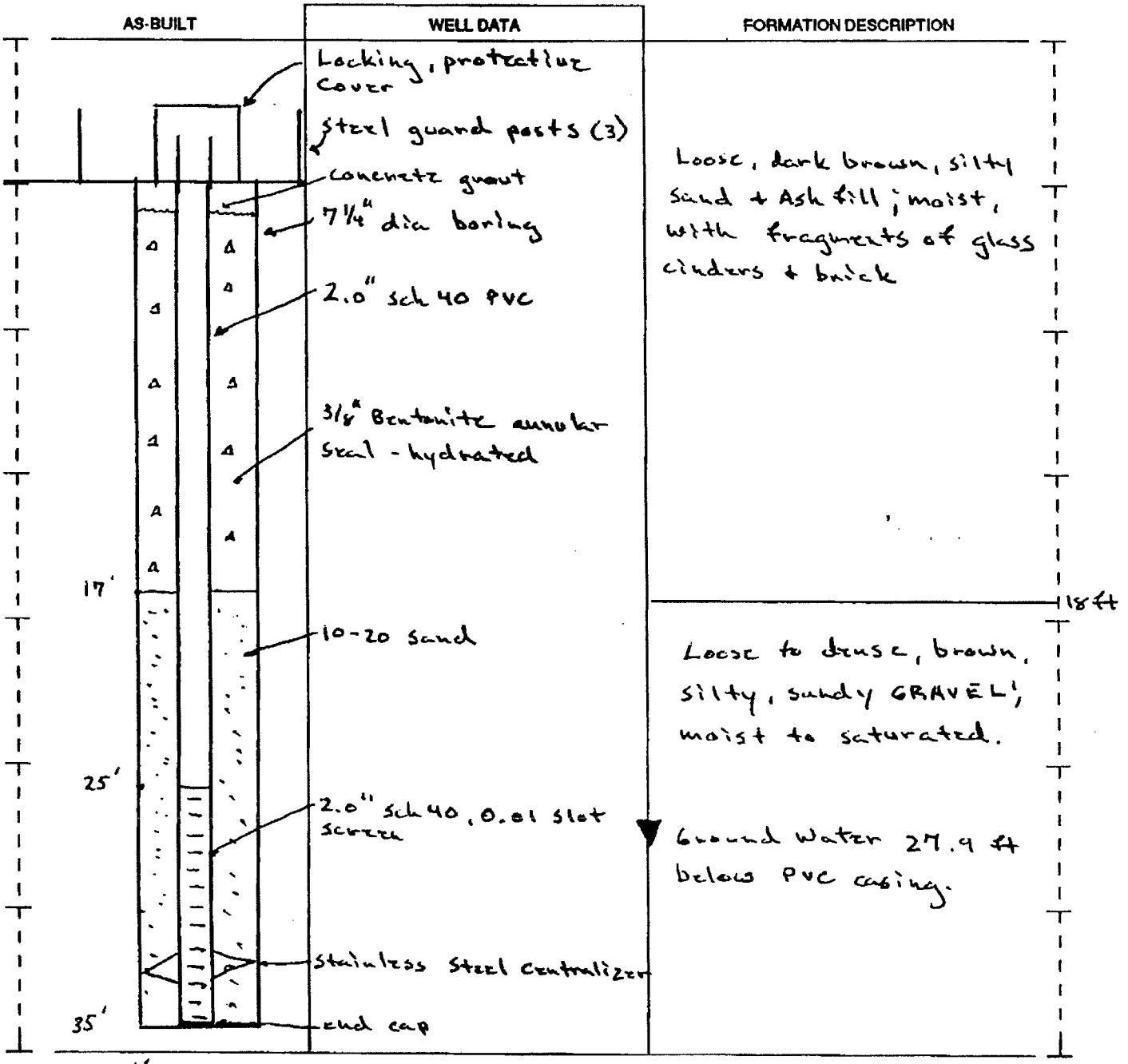
ECY 050-12 (Rev. 11/89)

RESOURCE PROTECTION WELL REPORT

START CARD NO. 055945

PROJECT NAME: Primary SIRTI Site
WELL IDENTIFICATION NO. MW-[redacted]503
DRILLING METHOD: Hollow Stem Auger
DRILLER: Fred Payton
FIRM: Gifford Consultants
SIGNATURE: [signature]
CONSULTING FIRM: Landau Assoc.
REPRESENTATIVE: Larry Eaton

COUNTY: Spokane
LOCATION: NE¼ SW¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: Trent Ave & Riverpoint Blvd.
WATER LEVEL ELEVATION: 1881.19
GROUND SURFACE ELEVATION: 1909.09
INSTALLED: 12/4/91
DEVELOPED: 12/5/91



SCALE: 1" = 6'

PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)

RESOURCE PROTECTION WELL REPORT
(ABANDONMENT)

START CARD NO. 055946

PROJECT NAME: SIRTI Site
WELL IDENTIFICATION NO. MW 503
DRILLING METHOD: N/A (Abandonment)
DRILLER: Fred Payton
FIRM: Gifford Consultants
SIGNATURE:
CONSULTING FIRM: Landau Associates
REPRESENTATIVE: Larry Eaton

COUNTY: Spokane
LOCATION: NE 1/4 SW 1/4 Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: Trent Ave. + Riverpoint Blvd.
WATER LEVEL ELEVATION: 1881.19'
GROUND SURFACE ELEVATION: Original 1909.09' After excavation 1894'
INSTALLED: 12/4/91
DEVELOPED: 12/5/91
ABANDONED: 10/5/92 - 10/23/92

ABANDONMENT

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
0 guard posts; locking protective cover; concrete surface seal	←On 10/5/92, well was grouted with bentonite/ cement grout, then the guard posts, concrete surface seal, and locking protective cover were removed.	
5 2" sch. 40 PVC		
10 3/8" granular bentonite sealant	From 10/6/92 to 10/23/92 soil around well was excavated down to a depth of 15' and the well casing sawed off by the contractor.	
15		
17'		
20 10-20 sand		
25		
30 2" sch. 40 0.01 slot well screen		
35 5. centralizer; end cap		

SCALE: 1" = 5'

PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)

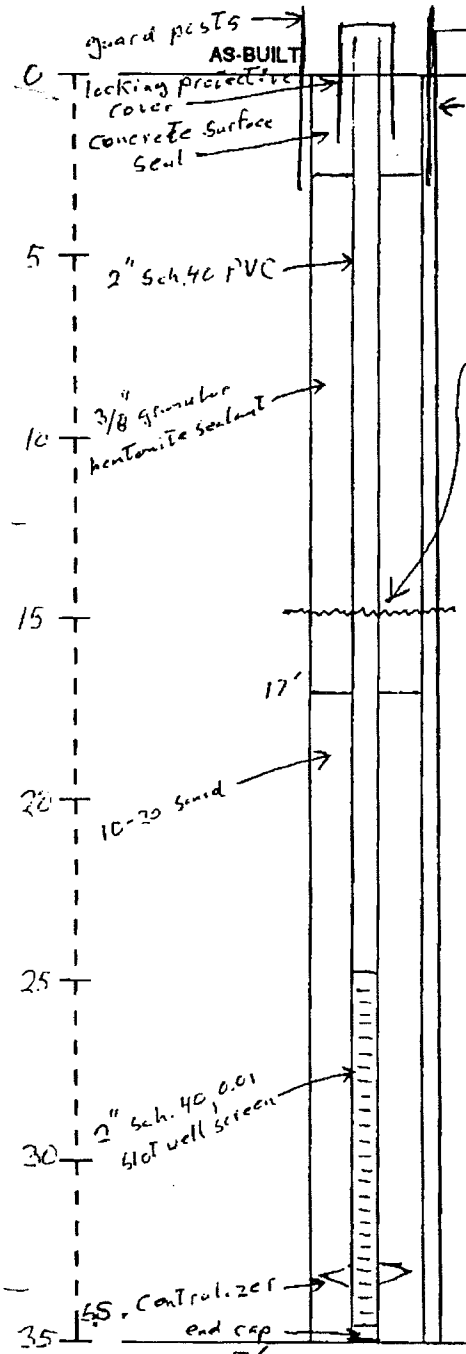
RESOURCE PROTECTION WELL REPORT
(ABANDONMENT)

START CARD NO. 055946

PROJECT NAME: SIRTI Site
WELL IDENTIFICATION NO. MW 503
DRILLING METHOD: N/A (Abandonment)
DRILLER: Fred Payton
FIRM: Gifford Consultants
SIGNATURE:
CONSULTING FIRM: Landau Associates
REPRESENTATIVE: Larry Eaton

COUNTY: Spokane
LOCATION: NE ¼ SW ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: Trent Ave. + Riverpoint Blvd.
WATER LEVEL ELEVATION: 1881.19'
GROUND SURFACE ELEVATION: Original 1909.69' After excavation 1894'
INSTALLED: 12/4/91
DEVELOPED: 12/5/91
ABANDONED: 10/5/92 - 10/23/92

ABANDONMENT



WELL DATA

← On 10/5/92, well was grouted with bentonite/cement grout, then the guard posts, concrete surface seal, and locking protective cover were removed.

From 10/6/92 to 10/23/92 soil around well was excavated down to a depth of 15' and the well casing sawed off by the contractor.

FORMATION DESCRIPTION

NOV - 9 1992

SCALE: 1" = 5'

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ECY 050-12 (Rev. 11/89)

122254

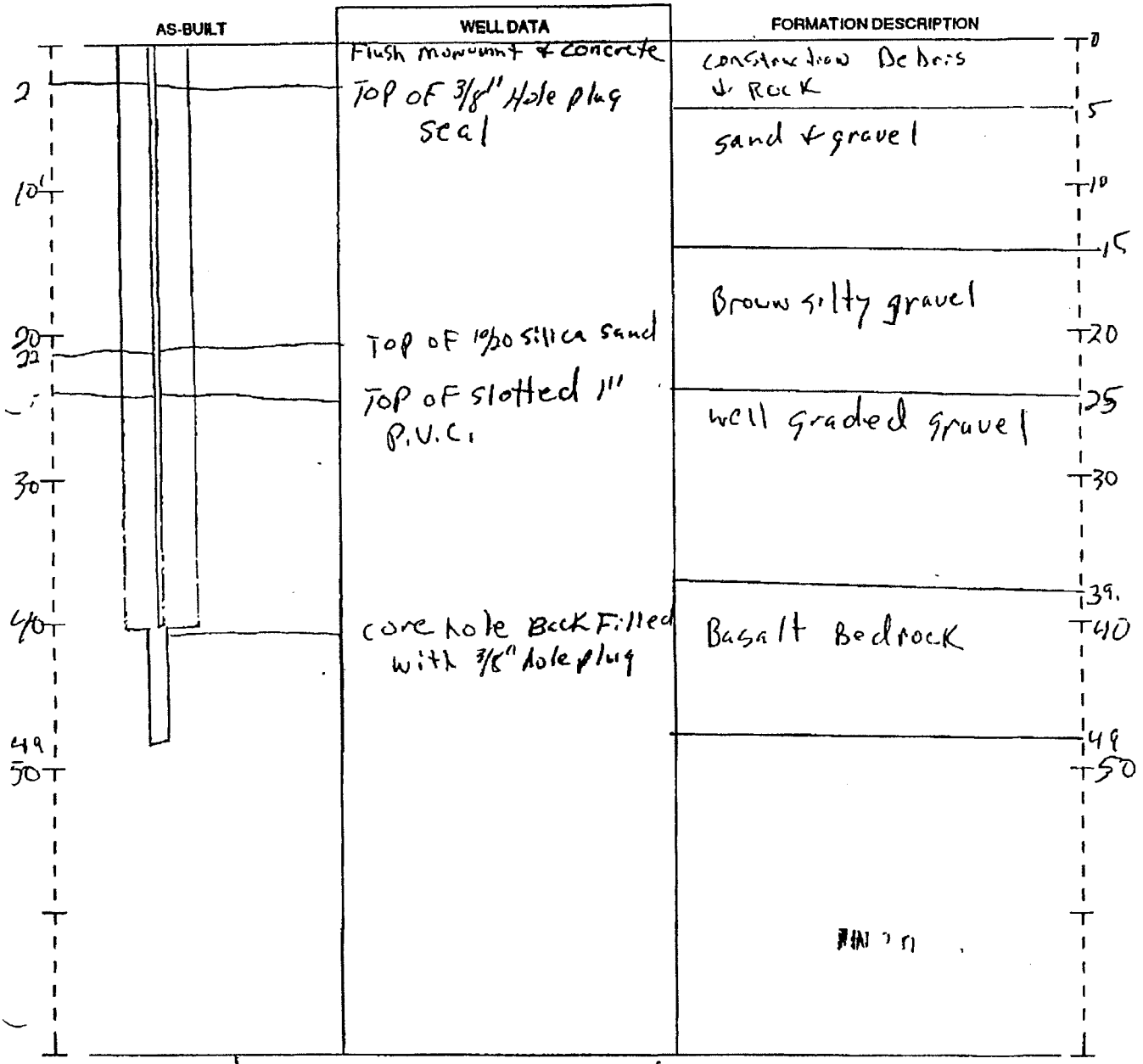
RESOURCE PROTECTION WELL REPORT

START CARD NO. 17848

PROJECT NAME: Joint Center Higher
WELL IDENTIFICATION NO. HBT-S67
DRILLING METHOD: Tubex XL
DRILLER: Robert A. Sheldow
FIRM: Environmental West Explor.
SIGNATURE: Robert A. Sheldow
CONSULTING FIRM: Hong West
REPRESENTATIVE: Andrea Mare

COUNTY: Spokane
LOCATION: NE¼ SW¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: 665 N. Riverpoint

WATER LEVEL ELEVATION: 20.6 B.G.L.
GROUND SURFACE ELEVATION:
INSTALLED: 6-12-96
DEVELOPED: NA



SCALE: 1" = 10'

PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)

RESOURCE PROTECTION WELL REPORT

START CARD NO. 53333

PROJECT NAME: State of Wa. General Services
WELL IDENTIFICATION NO. ABT-562
DRILLING METHOD: Advancement
DRILLER: Robert A. Sheldon
FIRM: Environmental West Explor.
SIGNATURE: Robert A. Sheldon
CONSULTING FIRM: Hong West
REPRESENTATIVE: Andre

COUNTY: Spokane
LOCATION: NE¼ SW¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: 665 N. Riverpoint Blvd. Spokane WA. 99202
WATER LEVEL ELEVATION: NA.
GROUND SURFACE ELEVATION: NA.
INSTALLED: Advanced 7-21-97
DEVELOPED:

AS-BUILT	WELL DATA	FORMATION DESCRIPTION

0
10
30
40
43
50

1" P.V.C. Filled From Bottom to top with Bentonite

RECEIVED
JUL 25 1997
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

SCALE: 1" = 10'

PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)

RESOURCE PROTECTION WELL REPORT

START CARD NO. 056442

PROJECT NAME: TACOMA REAL ESTATE PTNSHP
WELL IDENTIFICATION NO. MW-2
DRILLING METHOD: AIR ROTARY
DRILLER: KEN MINDEN
FIRM: BARTHOLOMEW DRILLING, INC.
SIGNATURE: Gary Bartholomew
CONSULTING FIRM: HARTCROWSER
REPRESENTATIVE: ROBERT R. HANFORD

COUNTY: SPOKANE
LOCATION: ___ ¼ ___ ¼ Sec 17 Twn 25N R43E
STREET ADDRESS OF WELL:
WATER LEVEL ELEVATION:
GROUND SURFACE ELEVATION:
INSTALLED:
DEVELOPED:

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
	SEE ATTACHED SHEET	

RECEIVED
MAR 15 ...
...MENT OF ECOL...

SCALE: 1" = _____

PAGE 1 OF 1

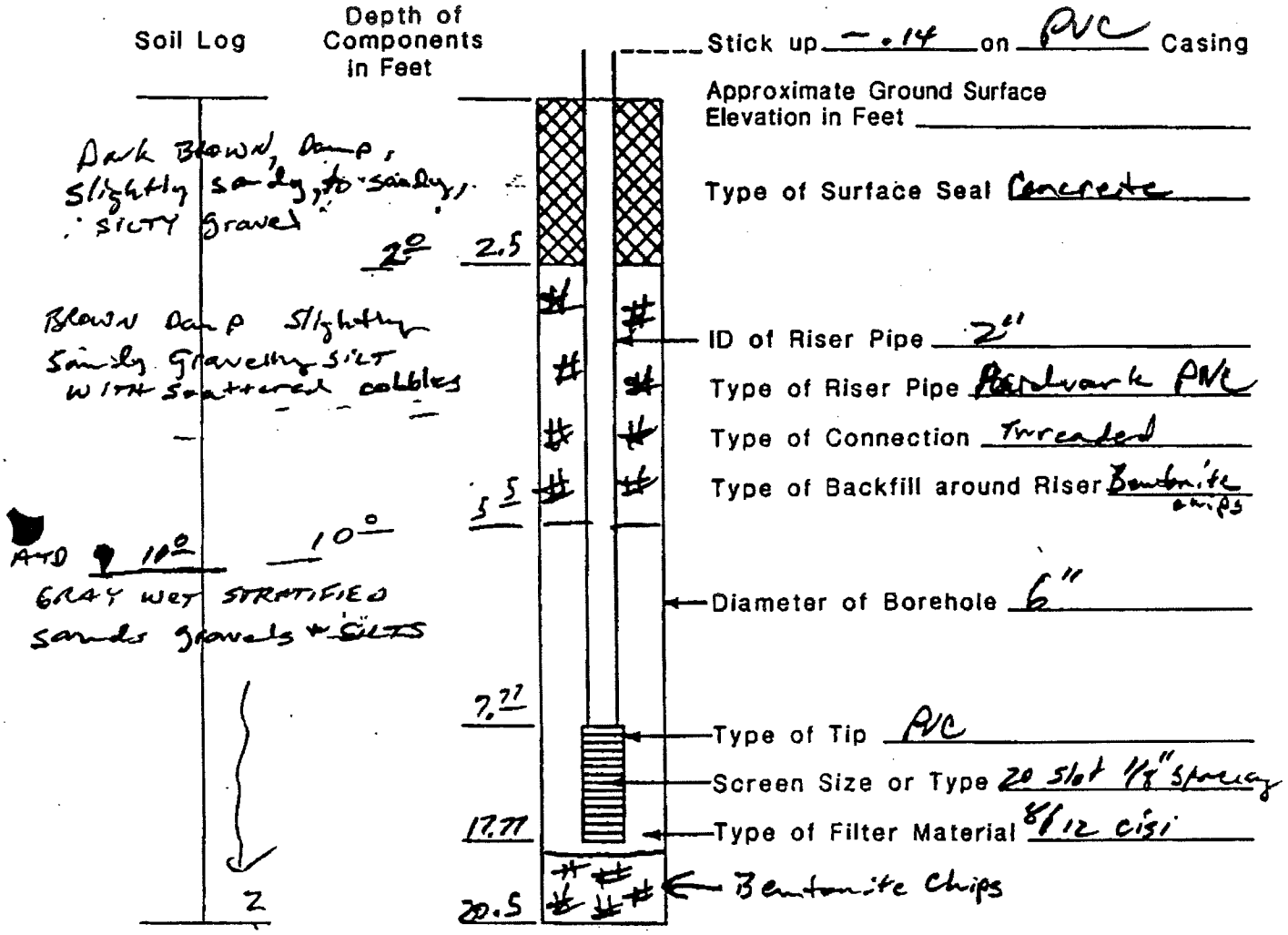
ECY 050-12 (Rev. 11/89)

Monitoring Well Installation Report -Boring MW-2

Project TREP Site Assessment Job No. 3148 Date 11/13/90

Location Spokane WA HC Observer Hanford Driller Bartholomew

Type of Well (Observation, Sampling, etc.) Observation & Sampling



Stick up -.14 on PVC Casing

Approximate Ground Surface Elevation in Feet

Type of Surface Seal Concrete

ID of Riser Pipe 2"

Type of Riser Pipe Boardwalk PVC

Type of Connection Threaded

Type of Backfill around Riser Bentonite chips

Diameter of Borehole 6"

Type of Tip PVC

Screen Size or Type 20 slot 1/8" spacing

Type of Filter Material 8/12 Sisi

Bentonite Chips

Remarks: Drilled with Air Rotary Rig. No samples taken, Soil Description taken from drill cuttings and Test Pit # 4

RECEIVED

Materials:

Sand	5	Monument	1 flush mount
Cement	2	PVC	1-10' Blank 1 Cap Plug
Bentonite	2	Other	2 Orings

RESOURCE PROTECTION WELL REPORT

START CARD NO. 056442

PROJECT NAME: TACOMA REAL ESTATE PTNSHP
WELL IDENTIFICATION NO. MW-1
DRILLING METHOD: AIR ROTARY
DRILLER: KEN MINDEN
FIRM: BARTHOLOMEW DRILLING, INC.
SIGNATURE: Gary Bartholomew
CONSULTING FIRM: HARTCROWSER
REPRESENTATIVE: ROBERT R. HANFORD

COUNTY: SPOKANE
LOCATION: ___ ¼ ___ ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: _____
WATER LEVEL ELEVATION: _____
GROUND SURFACE ELEVATION: _____
INSTALLED: _____
DEVELOPED: _____

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
	SEE ATTACHED SHEET	

RECEIVED
MAR 25 1991
DEPARTMENT OF ECOLOGY
REGIONAL OFFICE

SCALE: 1" = _____ PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)

Monitoring Well Installation Report - Boring MW-1

Project TREP Job No. 3148 Date 11/14/90

Location SPOKANE SITE ASSESSMENT HC Observer BOB HANFORD Driller BARTHOLOMEW

Type of Well (Observation, Sampling, etc.) OBSERVATION SAMPLING

Soil Log | Depth of Components in Feet

Stick up -.12 on PVC Casing

Approximate Ground Surface Elevation in Feet

Type of Surface Seal Concrete

moist. BROWN slightly silty, gravelly SAND with cobbles & wood fragments.

2.5

4.0

ID of Riser Pipe 2"

Type of Riser Pipe PVC

Type of Connection Threaded

Type of Backfill around Riser Bentonite chips

moist BROWN slightly silty gravelly sand

ATD 15.0

7.0

Diameter of Borehole 6"

9.88

WET THIN, slightly silty gravelly SAND

Type of Tip PVC

Screen Size or Type 10 slot 1/8" spacing

19.88

Type of Filter Material 8/12 CISI

8/12 CISI sand

27.0

Bentonite chips

Remarks: DRILLED WITH AIR ROTARY RIG. NO SAMPLES TAKEN. SOIL DESCRIPTION TAKEN FROM DRILLING CUTTINGS AND TEST PIT #3.

Materials:

Sand 4 sacks

Cement 1.5 sacks

Bentonite 2 sacks

Monument 1 Flush

PVC 10' Blank Any slip cap

Other DRUM

RECEIVED MAR 15 1991

WDOE Well Log Summary
Southeast Quarter of Section 17, T 25 N, R 43 E

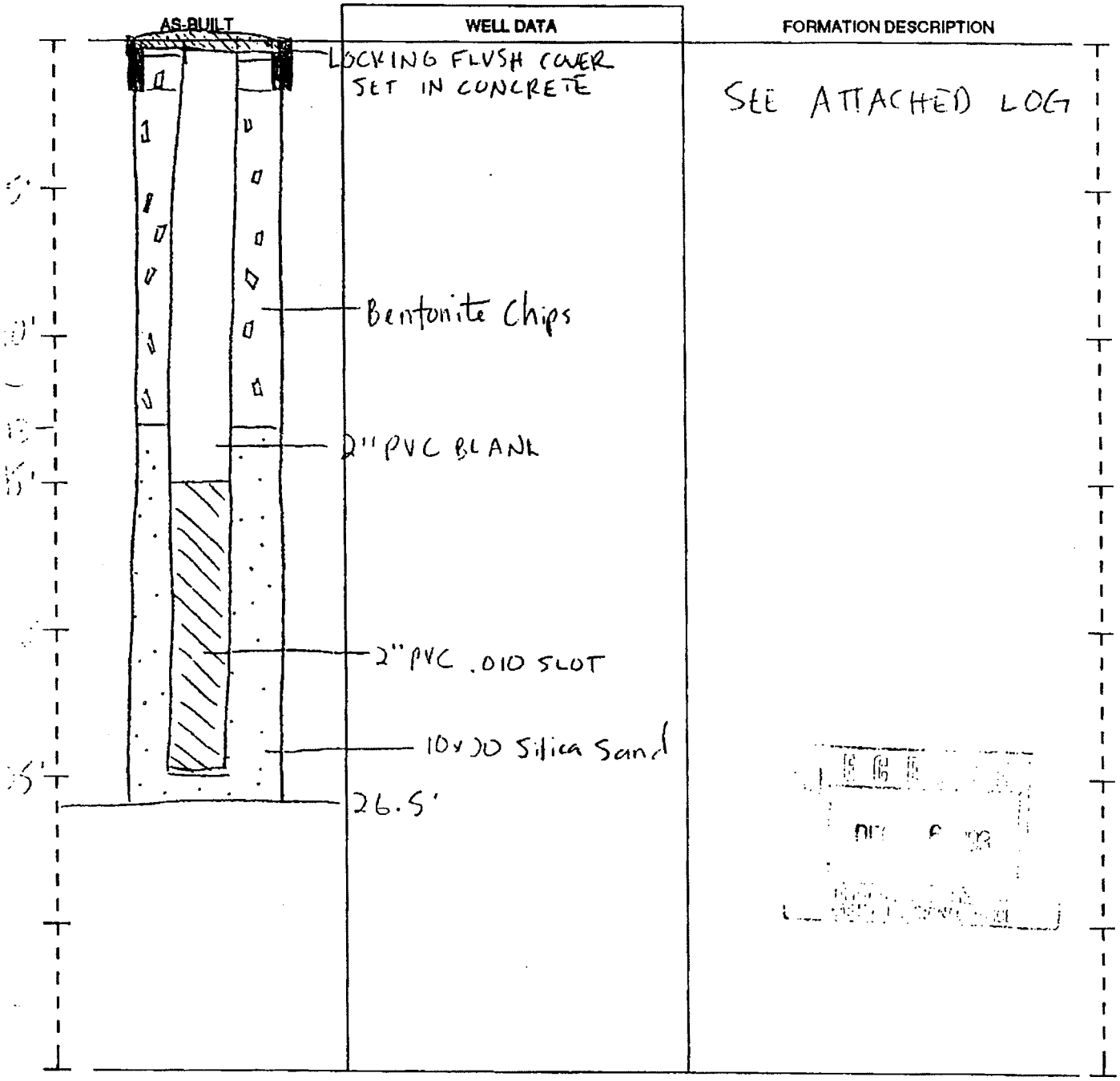
well_log_id	well_tag_nr	nit_id_nr	well_depth	well_diameter	well_owner_nm	township_nr	range_nr	range_dir_cd	section_nr	qtr_section	qtr_qtr_section	well_comp_dt	county_nm	well_type	well_log_recv_dt
209004		57363				25	43	E	17		SW	10/8/1991	SPOKANE	R	
209005		S007360				25	43	E	17		SW		SPOKANE	R	
209006		S007362				25	43	E	17		SW	10/8/1991	SPOKANE	R	
209007		S007363				25	43	E	17		SW	10/8/1991	SPOKANE	R	
209008		S007360				25	43	E	17		SW	10/7/1991	SPOKANE	R	
209009		S007361				25	43	E	17		SW	10/8/1991	SPOKANE	R	
150031		A019986			BRAD MCHENRY	25	43	E	17	SE	SE	4/10/1996	SPOKANE	A	
177808		S004162			BROWN BUILDING MATERIALS	25	43	E	17	SE	SE	5/13/1999	SPOKANE	R	5/20/1999
189775	AEN458	R043144	40	6	BROWN BUILDING MATERIALS	25	43	E	17	SE	SE	5/4/1999	SPOKANE	R	5/20/1999
189776	AEN459	R043144	100	6	BROWN BUILDING MATERIALS	25	43	E	17	SE	SE	5/4/1999	SPOKANE	R	5/20/1999
189777	AEN460	R043144	90	6	BROWN BUILDING MATERIALS	25	43	E	17	SE	SE	5/6/1999	SPOKANE	R	5/20/1999
189392	AEA002	R017929	20	6	BROWN BUILDING SUPPLY	25	43	E	17	SE	SW	11/25/1997	SPOKANE	R	12/11/1997
189393	AEA003	R017929	40	6	BROWN BUILDING SUPPLY	25	43	E	17	SE	SW	11/24/1997	SPOKANE	R	12/11/1997
189395	AEA005	R017929	20	6	BROWN BUILDING SUPPLY	25	43	E	17	SE	SW	11/26/1997	SPOKANE	R	12/11/1997
189396	AEA006	R017929	40	6	BROWN BUILDING SUPPLY	25	43	E	17	SE	SW	12/1/1997	SPOKANE	R	12/11/1997
189397	AEA007	R017929	20	6	BROWN BUILDING SUPPLY	25	43	E	17	SE	SW	12/2/1997	SPOKANE	R	12/11/1997
189398	AEA008	R017929	20	6	BROWN BUILDING SUPPLY	25	43	E	17	SE	SW	11/24/1997	SPOKANE	R	12/11/1997
189394	AEA004	R017929	40	6	BROWN'S BUILDING SUPPLY	25	43	E	17	SE	SW	11/25/1997	SPOKANE	R	12/11/1997
189778	AEN461	R043137	40	6	BROWNS BUILDING MATERIALS	25	43	E	17	SE	SE	5/7/1999	SPOKANE	R	5/20/1999
189779	AEN462	R043137	20	6	BROWNS BUILDING MATERIALS	25	43	E	17	SE	SE	5/10/1999	SPOKANE	R	5/20/1999
189780	AEN463	R043137	100	6	BROWNS BUILDING MATERIALS	25	43	E	17	SE	SE	5/11/1999	SPOKANE	R	5/20/1999
189781	AEN464	R043137	40	6	BROWNS BUILDING MATERIALS	25	43	E	17	SE	SE	5/12/1999	SPOKANE	R	5/20/1999
189391	AEA001	R017929	20	6	BROWNS BUILDING SUPPLY	25	43	E	17	SE	SW	11/24/1997	SPOKANE	R	12/11/1997
189650	AEK264	R043135	40	6	BURLINGTON NORTHERN	25	43	E	17	SE	SE	4/13/1999	SPOKANE	R	4/23/1999
296066	AEK263		40	6	BURLINGTON NORTHERN	25	43	E	17	SE	SE		SPOKANE	R	
296067	AEK263		40	6	BURLINGTON NORTHERN	25	43	E	17	SE	SE		SPOKANE	R	
187009	AAL269	R014395			BURLINGTON NORTHERN RAILROAD	25	43	E	17	SE	NW	10/18/1994	SPOKANE	R	
187010	AAL270	R014395			BURLINGTON NORTHERN RAILROAD	25	43	E	17	SE	NW	10/19/1994	SPOKANE	R	
187011	AAL271	R014395			BURLINGTON NORTHERN RAILROAD	25	43	E	17	SE	NW	10/19/1994	SPOKANE	R	
187012	AAL272	R014395			BURLINGTON NORTHERN RAILROAD	25	43	E	17	SE	NW	10/18/1994	SPOKANE	R	
187013	AAL273	R014395			BURLINGTON NORTHERN RAILROAD	25	43	E	17	SE	NW	10/20/1994	SPOKANE	R	
308668		R043263	25		CUSTOM WOOD	25	43	E	17	SE	NE	2/16/2001	SPOKANE	R	2/22/2001
308669		R043263	25		CUSTOM WOOD	25	43	E	17	SE	NE	2/16/2001	SPOKANE	R	2/22/2001
189623	AEJ584	R040001			GAS PLANT - AVISTA	25	43	E	17	SE	SE	3/29/1999	SPOKANE	R	5/24/1999
189624	AEJ585	R040001			GAS PLANT - AVISTA	25	43	E	17	SE	SE	4/13/1999	SPOKANE	R	5/24/1999
180796		56309	17	2	GLACIER PARK CO.	25	43	E	17	SE	NW	5/17/1991	SPOKANE	W	
180797		56308	18	2	GLACIER PARK CO.	25	43	E	17	SE	NW	5/17/1991	SPOKANE	W	
209920		56442			TACOMA REAL ESTATE PTNSHP	25	43	E	17				SPOKANE	R	3/25/1991
209921		56442			TACOMA REAL ESTATE PTNSHP	25	43	E	17				SPOKANE	R	3/25/1991
209922		56442			TACOMA REAL ESTATE PTNSHP	25	43	E	17				SPOKANE	R	3/25/1991
189522	AEC351	R017961	20	6	U.S. POSTAL SERVICE	25	43	E	17	SE	NW	6/4/1998	SPOKANE	R	6/12/1998
189523	AEC352	R017961	18	6	U.S. POSTAL SERVICE	25	43	E	17	SE	NW	6/4/1998	SPOKANE	R	6/12/1998
189524	AEC353	R017961	18	6	U.S. POSTAL SERVICE	25	43	E	17	SE	NW	6/4/1998	SPOKANE	R	6/12/1998
210108		57362			WA STATT	25	43	E	17		SW	10/8/1991	SPOKANE	R	

RESOURCE PROTECTION WELL REPORT

START CARD NO. 57363

PROJECT NAME: _____
WELL IDENTIFICATION NO. MW-404
DRILLING METHOD: ODEX
DRILLER: Bob Shelton
FIRM: ENVIRONMENTAL WEST EXP
SIGNATURE: _____
CONSULTING FIRM: GIFFORD CONS.
REPRESENTATIVE: GRANT CUMMINGS

COUNTY: SPOKANE
LOCATION: SW ¼ ___ ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: _____
TRENT & RUCKPOINTE, Spokane
WATER LEVEL ELEVATION: _____
GROUND SURFACE ELEVATION: _____
INSTALLED: 10-8-91
DEVELOPED: _____



SCALE: 1" = _____ PAGE _____ OF _____

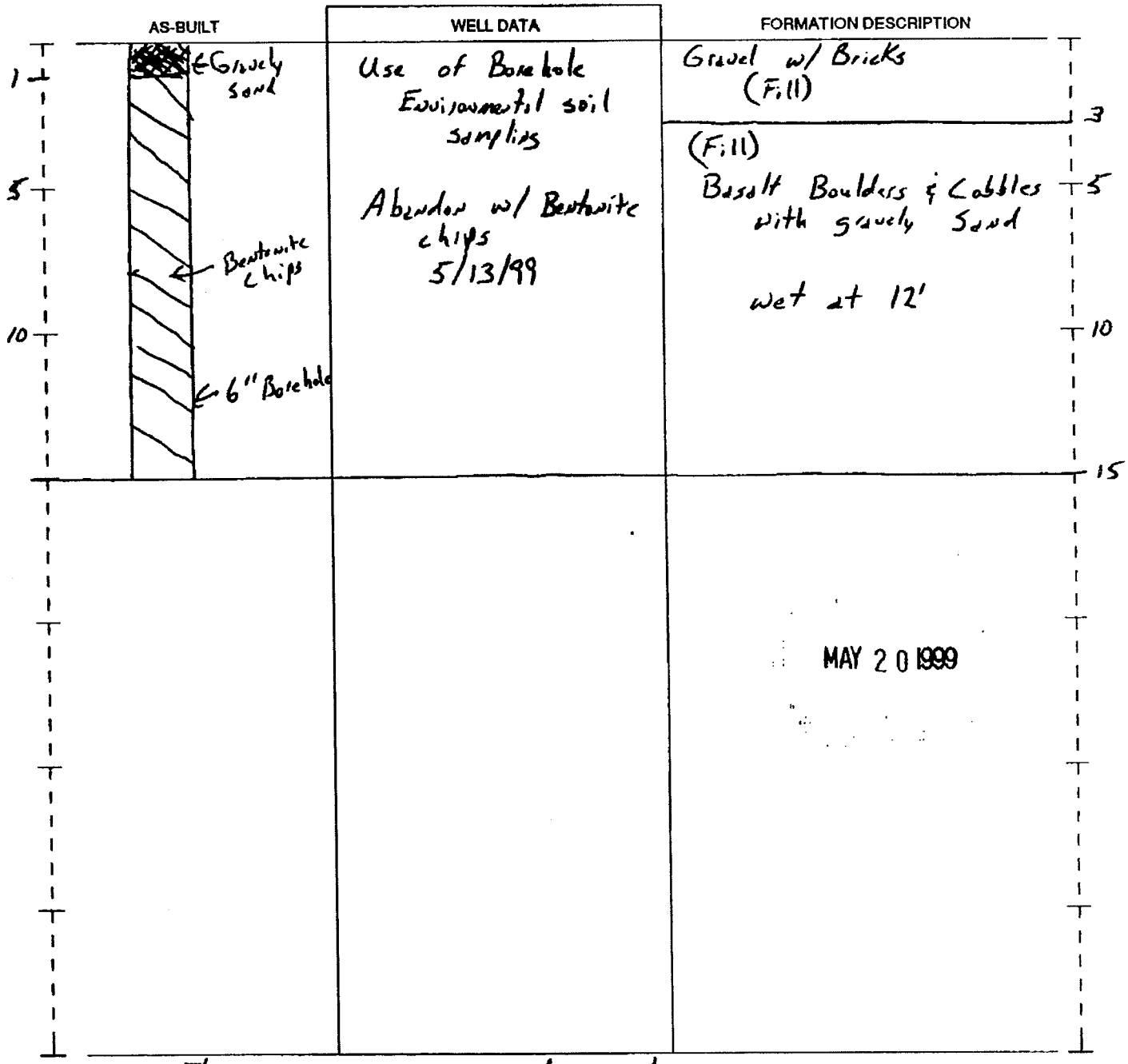
ECY 050-12 (Rev. 11/89)

RESOURCE PROTECTION WELL REPORT

START CARD NO. S04162

PROJECT NAME: Browns Building Materials
WELL IDENTIFICATION NO. B-1 thru B-5
DRILLING METHOD: 6" Air Rotary
DRILLER: Ronald Sink
FIRM: Environmental West Exp.
SIGNATURE: Ronald Sink
CONSULTING FIRM: Landau
REPRESENTATIVE: Tom Briggs

COUNTY: Spokane
LOCATION: SE ¼ SE ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: 111 N. Erie St. Spokane, WA 99202
WATER LEVEL ELEVATION:
GROUND SURFACE ELEVATION:
INSTALLED: 5/13/99
DEVELOPED:



MAY 20 1999

SCALE: 1" = 5'

PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)

File Original with
Department of Ecology
Second Copy - Owner's Copy
Third Copy - Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Notice of Intent R43137

UNIQUE WELL I D # AEN 461

Water Right Permit No.

(1) OWNER: Name Browns Building Materials Address 111 N. Erie St., Spokane, WA 99202

(2) LOCATION OF WELL: County Spokane SE 1/4 SE 1/4 Sec 17 T. 25N N.R. 43E WM

(2a) STREET ADDRESS OF WELL: (or nearest address) 111 N. Erie St.

TAX PARCEL NO.:

(3) PROPOSED USE: ☐ Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☑ Test Well ☐ Other ☐ DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) MW-8-40
☑ New Well Method: ☐ Dug ☐ Bored ☐ Deepened ☐ Cable ☐ Driven ☐ Reconditioned ☑ Rotary ☐ Jetted ☐ Decommission

(5) DIMENSIONS: Diameter of well 6" inches
Drilled 40 feet. Depth of completed well 40 ft.

(6) CONSTRUCTION DETAILS
Casing Installed:
☐ Welded 2" Diam. from +3 ft. to 35 ft.
☐ Liner installed " Diam. from ft. to ft.
☑ Threaded " Diam. from ft. to ft.

Perforations: ☐ Yes ☑ No
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.

Screens: ☑ Yes ☐ No ☐ K-Pac Location
Manufacturer's Name Johnson
Type Sch 40 PVC Model No.
Diam. 2" Slot Size .020 from 35 ft. to 40 ft.
Diam. Slot Size from ft. to ft.

Gravel/Filter packed: ☑ Yes ☐ No ☐ Size of gravel/sand 10/20
Material placed from 32 ft. to 40 ft.

Surface seal: ☑ Yes ☐ No To what depth? 32 ft.
Material used in seal Bentonite Chips
Did any strata contain unusable water? ☐ Yes ☑ No
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name N/A
Type H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ft.
Static level 11 ft. below top of well Date 5/7/99
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☑ No If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
Yield: gal./min. with ft. drawdown after hrs.
Yield: gal./min. with ft. drawdown after hrs.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Bailer test gal./min. with ft. drawdown after hrs.
Airtest gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIPTION
Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered.

MATERIAL	FROM	TO
Dark Grey - Black Basalt Gravel & Cobbles w/ trace of SAND (Fill) wet at 11'	0	35
Brown Sandy Fine to Coarse Gravel trace of Silt wet	35	40

MAY 20 1999

Work Started 5/7/99 Completed 5/7/99

WELL CONSTRUCTION CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief

Type or Print Name Ronald Sink License No 2271
(Licensed Driller/Engineer)

Trainee Name License No

Drilling Company Environmental West Exp

(Signed) License No. 2271
(Licensed Driller/Engineer)

Address PO Box 11095, Spokane, WA 99211

Contractor's Registration No ENVIRWE101PP Date 5/19/99

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (360) 407-6600. The TDD number is (360) 407-6006

ECY 050-1-20 (11/98)

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

10955

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. R17929

UNIQUE WELL I.D. # ASA 001

Water Right Permit No. _____

OWNER: Name Brown Building supply Address 111 N. Erie St. Spokane, WA

(2) LOCATION OF WELL: County Spokane SW 1/4 SE 1/4 Sec. 17 T 25 N R 43E W.M.

(2a) STREET ADDRESS OF WELL (or nearest address) 111 N. Erie St. Spokane, WA

(3) PROPOSED USE: ☐ Domestic ☐ Industrial ☐ Municipal ☐ ☐ Irrigation ☐ Test Well ☒ Other ☐ ☐ DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one) MW# 4-S

Abandoned ☐ New well ☒ Method: Dug ☐ Bored ☐ Deepened ☐ Cable ☐ Driven ☐ Reconditioned ☐ Rotary ☒ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches. Drilled 20 feet. Depth of completed well 20 ft.

(6) CONSTRUCTION DETAILS:

Casing Installed: 2 " Diam from +3 ft to -10 ft.
Welded ☐ Liner installed ☐ Threaded ☒ _____ " Diam from _____ ft. to _____ ft.

Perforations: Yes ☐ No ☒
Type of perforator used _____
SIZE of perforations _____ in by _____ in.
_____ perforations from _____ ft to _____ ft.
_____ perforations from _____ ft to _____ ft.
_____ perforations from _____ ft to _____ ft.

Screens: Yes ☒ No ☐ Manufacturer's Name Johnson
Type PVC sch 40 Model No _____
Diam. 2 Slot size 020 from 10 ft to 20 ft.
Diam _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes ☒ No ☐ Size of gravel 10/20 sand
Gravel placed from 20 ft to 7 ft.

Surface seal: Yes ☒ No ☐ To what depth? 7 ft.
Material used in seal Bentonite chips
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name N/A
Type: _____ HP _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft
Static level 14 ft below top of well Date 12-1-97
Artesian pressure 0 lbs per square inch Date _____
Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☒ If yes, by whom? _____
Yield _____ gal./min. with _____ ft. drawdown after _____ hrs.
" " " "
" " " "
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

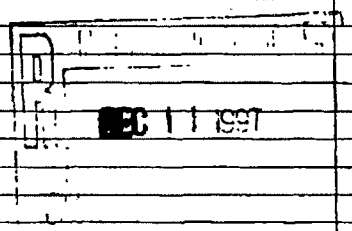
Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____
Bailer test _____ gal./min with _____ ft drawdown after _____ hrs.
Artesian _____ gal./min with stem set at _____ ft. for _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water 56° Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated with at least one entry for each change of information.

MATERIAL	FROM	TO
fill material sand gravel & bricks, cobbles	0	10
silty sand & gravel some cobbles	10	20



Work Started 12-1 19 97 Completed 12-1 19 97

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Environmental West Exploration, Inc. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address P.O. Box 11095, Spokane, WA 99211

(Signed) Dan Classen (WELL DRILLER) License No 1827

Contractor's Registration No ENVIRWE101PP Date 12-10-97 19 ___

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.

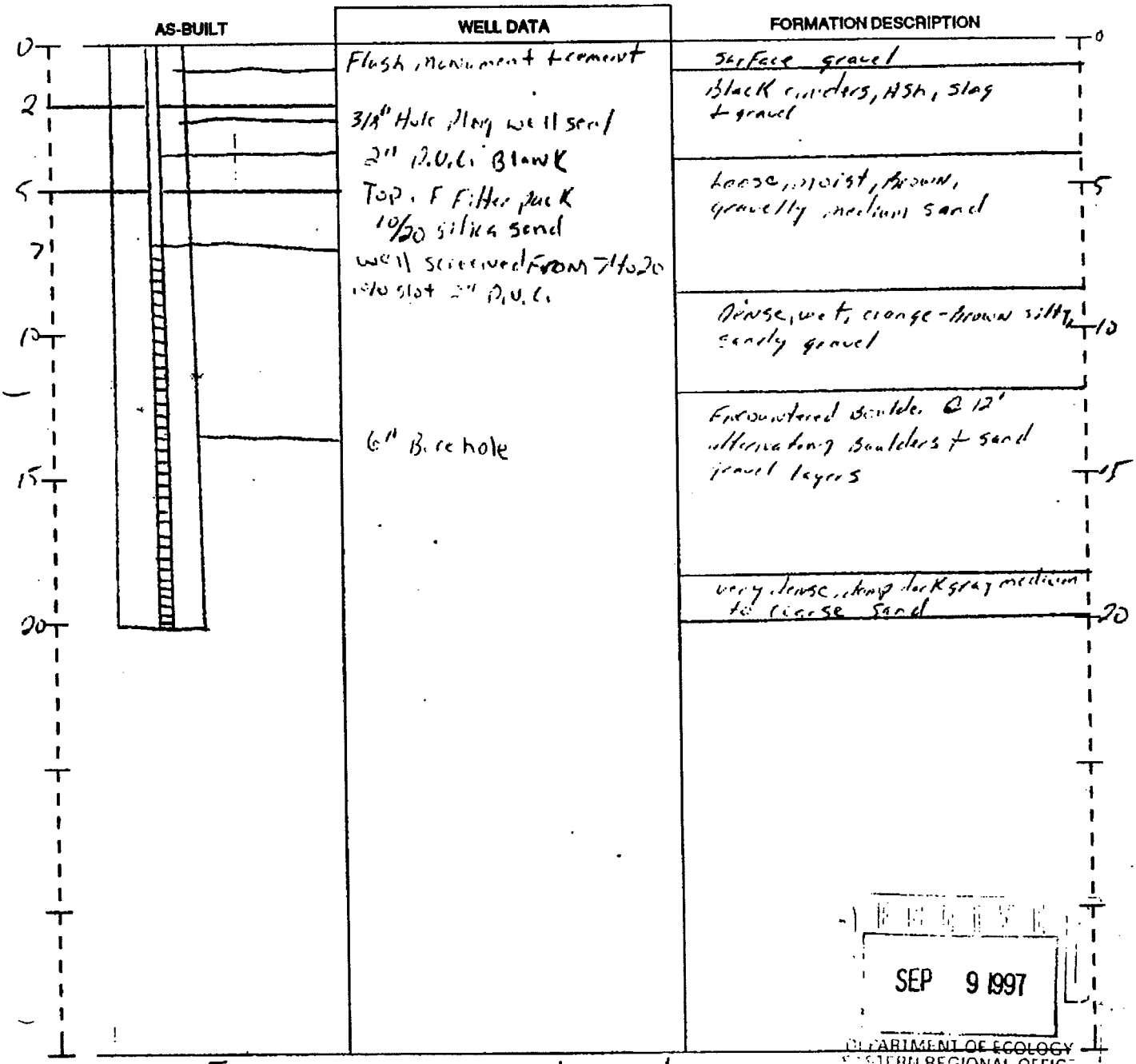
ECY 050-1 20 (9/93)

RESOURCE PROTECTION WELL REPORT

START CARD NO. R-14211

PROJECT NAME: Burlington Northern Railroad
WELL IDENTIFICATION NO. MW-7 / AHL-271
DRILLING METHOD: Tubex
DRILLER: Robert A. Sheldon
FIRM: Environmental West Exploration
SIGNATURE: Robt A. Sheldon
CONSULTING FIRM: E.M.R.
REPRESENTATIVE: Dave Welch

COUNTY: Spokane
LOCATION: NW¼ SE ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: 200 E. Front St. Spokane WA.
WATER LEVEL ELEVATION: 8' B.G.L.
GROUND SURFACE ELEVATION: N.A.
INSTALLED: 10-19-94
DEVELOPED: N.A.



SEP 9 1997
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

SCALE: 1" = 5'

PAGE 1 OF 1

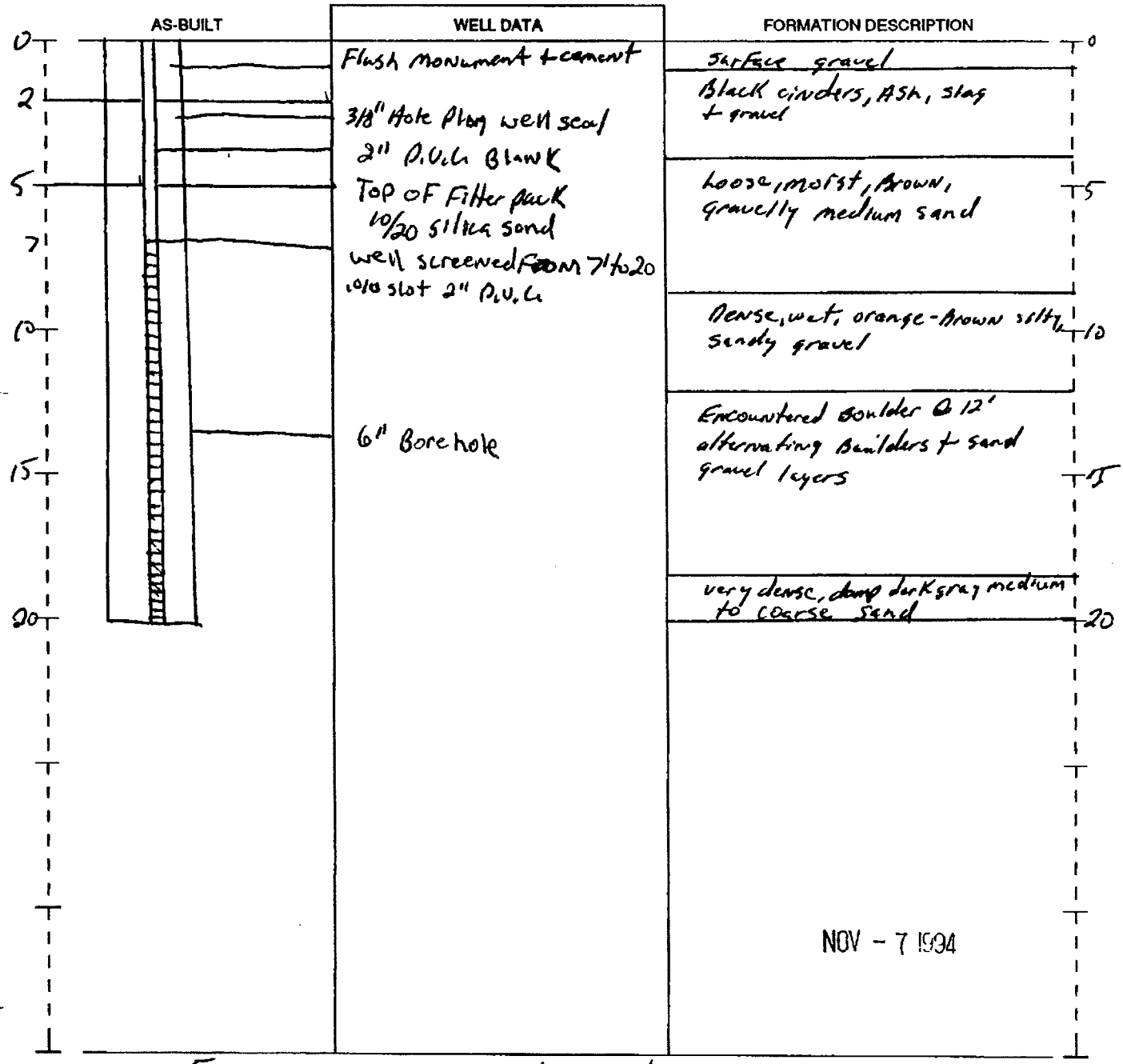
ECY 060-12 (Rev. 11/89)

RESOURCE PROTECTION WELL REPORT

START CARD NO. R-14385

PROJECT NAME: Burlington Northern Railroad
WELL IDENTIFICATION NO. MW-7/AHL-271
DRILLING METHOD: Tubex
DRILLER: Robert A. Sheldon
FIRM: Environmental West Exploration
SIGNATURE: Robt A. Sheldon
CONSULTING FIRM: E.M.R.
REPRESENTATIVE: Dave Welch

COUNTY: Spokane
LOCATION: NW¼ SE ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: 800 E. Front St. Spokane WA.
WATER LEVEL ELEVATION: 8' B.G.L.
GROUND SURFACE ELEVATION: N.A.
INSTALLED: 10-19-94
DEVELOPED: N.A.



NOV - 7 1994

SCALE: 1" = 5

PAGE 1 OF 1

ECY 050-12 (Rev. 11/89)

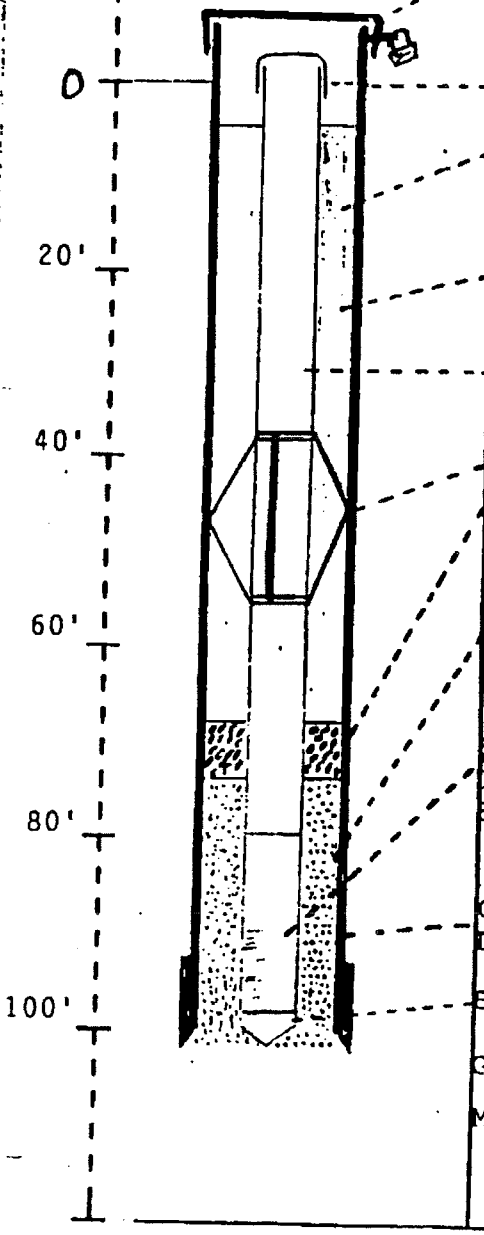
RESOURCE PROTECTION WELL REPORT

START CARD NO. R040001

PROJECT NAME: Gas plant - Avista
WELL IDENTIFICATION NO. AEJ585
DRILLING METHOD: Cable Tool
DRILLER: David Meyer
FIRM: Fogle Pump & Supply, Inc.
SIGNATURE:
CONSULTING FIRM: Landau Associates
REPRESENTATIVE: Craig Schwyn

COUNTY: Spokane
LOCATION: SE ¼ SE ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: 111 N. Erie St. Spokane, Wa 99202
WATER LEVEL ELEVATION: 1860'
GROUND SURFACE ELEVATION: 1875'
INSTALLED: 4-13-99
DEVELOPED: 4-15-99

AS-BUILT



WELL DATA

CAP OR VAULT
TYPE: Steel
SIZE: 6"
LOCK:
PVC CAP: 2"

CEMENT:
DEPTH: ____ TO ____
BAGS:

GROUT TYPE: Bentonite chips
DEPTH: surface TO 88'
BAGS: 19X50#

PVC TYPE: shc 40
PVC SIZE: 2"
DEPTH: +1 TO 95
CENTRALIZERS: stainless
PELLETS SIZE: N/A
DEPTH: ____ TO ____
BUCKETS:

SILICA SAND: 10/20 10'
20/40 2'
DEPTH: 88' TO 90'
BAGS: 98' 100'
4½ X 100#

SCREEN TYPE: .020 PVC 2"X5' blank
DEPTH: 95' TO 100'
SIZE: 2"

CASING SIZE: 6" steel
DRIVE SHOE: 6" steel

BOTTOM: open

GUARD POSTS: 2X2" steel

MISC:

FORMATION DESCRIPTION

MAY 2 4 1999

Fill, silt, sand, gravel
Water Static
Silt, sand, gravel, cobbles, light brown
Silt, sand, gravel, cobbles Dark brown
Clean pea gravel
silt, sand, gravel, cobbles, light brown

SCALE: 1" = ____

PAGE 1 OF 1

ECY 050-12 (Rev. 11/80)

File Original and First Copy with Department of Ecology
Second Copy—Owner's Copy
Third Copy—Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. 056309

UNIQUE WELL I.D. #

Water Right Permit No.

(1) OWNER: Name GLACIER PARK CO. Address

(2) LOCATION OF WELL: County Spokane NW ¼ SE ¼ Sec. 17 T. 30 N., R. 43E W.M.

(2a) STREET ADDDRESS OF WELL (or nearest address) 800 E. Front Ave 25

(3) PROPOSED USE: ☐ Domestic ☐ Industrial ☐ Municipal ☐ ☐ Irrigation ☐ Test Well ☐ Other MW ☐ DeWater

(4) TYPE OF WORK: Owner's number of well (if more than one)

Abandoned ☐ New well ☑ Method: Dug ☐ Bored ☐ Deepened ☐ Cable ☐ Driven ☐ Reconditioned ☐ Rotary ☑ Jetted ☐

(5) DIMENSIONS: Diameter of well 2 inches. Drilled 17 feet. Depth of completed well 17 ft.

(6) CONSTRUCTION DETAILS:

Casing Installed: 2" Diam. from 0 ft. to 7 ft.

Welded ☐ Liner installed ☐ Threaded ☑ " Diam. from ft. to ft.

Perforations: Yes ☐ No ☐

Type of perforator used

SIZE of perforations in. by in.

perforations from ft. to ft.

perforations from ft. to ft.

perforations from ft. to ft.

Screens: Yes ☑ No ☐

Manufacturer's Name

Type Stainless Steel Model No.

Diam. 2" Slot size .010 from 7 ft. to 17 ft.

Diam. Slot size from ft. to ft.

Gravel packed: Yes ☑ No ☐ Size of gravel

Gravel placed from 7 ft. to 17 ft.

Surface seal: Yes ☑ No ☐ To what depth? 7 ft.

Material used in seal Bentonite

Did any strata contain unusable water? Yes ☐ No ☐

Type of water? Depth of strata

Method of sealing strata off

(7) PUMP: Manufacturer's Name

Type: H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level ft.

Static level ft. below top of well Date

Artesian pressure lbs. per square inch Date

Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level

Was a pump test made? Yes ☐ No ☐ If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs.

" " " "

" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test

Bailer test gal./min. with ft. drawdown after hrs.

Airtest gal./min. with stem set at ft. for hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

MATERIAL	FROM	TO
SAND	0	9
SAND & Gravel	9	17

RECEIVED
APR 01 1993
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

Work started 5-17 19. Completed 5-17 19 91

WELL CONSTRUCTOR CERTIFICATION:

I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Environmental West (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)

Address P.O. Box 11095

(Signed) Bill Smith (WELL DRILLER) License No. 0463

Contractor's Registration No. ENVIRWE 101 PP Date April 27, 1993

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY 050-1-20 (10/87) -1329-

RESOURCE PROTECTION WELL REPORT

START CARD NO. 056442

PROJECT NAME: TACOMA REAL ESTATE PTNSHP
WELL IDENTIFICATION NO. MW-1
DRILLING METHOD: AIR ROTARY
DRILLER: KEN MINDEN
FIRM: BARTHOLOMEW DRILLING, INC.
SIGNATURE: Harry Bartholomew
CONSULTING FIRM: HARTCROWSER
REPRESENTATIVE: ROBERT R. HANFORD

COUNTY: SPOKANE
LOCATION: ___ ¼ ___ ¼ Sec 17 Twn 25N R 43E
STREET ADDRESS OF WELL: _____
WATER LEVEL ELEVATION: _____
GROUND SURFACE ELEVATION: _____
INSTALLED: _____
DEVELOPED: _____

AS-BUILT	WELL DATA	FORMATION DESCRIPTION
	SEE ATTACHED SHEET	

MAR 25 1991
DEPARTMENT OF ECOLOGY
REGIONAL OFFICE

SCALE: 1" = _____

PAGE 1 OF 1

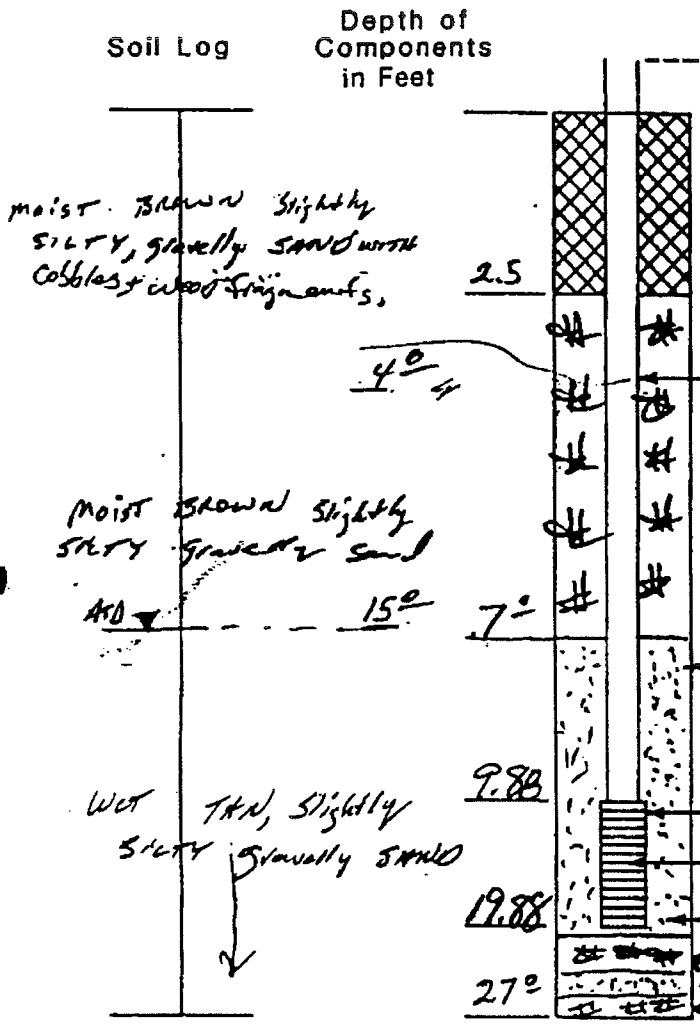
ECY 050-12 (Rev. 11/89)

Monitoring Well Installation Report -Boring MW-1

Project TREP Job No. 3148 Date 11/14/90

Location SPOKANE SITE ASSESSMENT HC Observer BOB HANFORD Driller BRETHOLD MEW

Type of Well (Observation, Sampling, etc.) OBSERVATION SAMPLING



Stick up -.12 on PVC Casing

Approximate Ground Surface Elevation in Feet

Type of Surface Seal Concrete

ID of Riser Pipe 2"

Type of Riser Pipe PVC

Type of Connection Threaded

Type of Backfill around Riser Bentonite chips

Diameter of Borehole 6"

Type of Tip PVC

Screen Size or Type 20 slot 1/4" spacing

Type of Filter Material 8/12 ciSi

Remarks: DRILLED WITH AIR ROTARY Rig. No samples taken. Soil Description taken from drilling CUTTINGS and TEST PIT #3.

Materials:

Sand 4 sacks

Cement 1.5 sacks

Bentonite 2 sacks

Monument 1 Flush

PVC 10' Blank Any slip cap

Other DRIVER

RECEIVED MAR 15 1991

APPENDIX E

SLR
International Corp

Schade Brewery Parcel - Remedial Investigation Soil Boring and Test Pit Information

Boring/Test Pit No.	Spokane Co. Tax Parcel ID	Location Description	Terminus (ft.)	Notes
Soil Borings				
SB1	35173.0120	southwest parcel corner, former gas station	7.5	refusal at basalt bedrock/boulder
SB2	35173.0906	southwest parcel corner, adjacent to Front and Trent	4.5	refusal at basalt bedrock or concrete
SB3	35173.0906	north side of parcel, adjacent to stormwater swale	0.5	refusal at basalt bedrock/boulders
SB4	35173.0906	southeast parcel corner, adjacent to Front St.	0.5	no sample, basalt bedrock or concrete
SB5	35173.0120	north side of parcel at alley west entrance	4.5	refusal at basalt bedrock/boulders
SB6	35173.0120	south side of parcel, adjacent to southwest bldg. corner	6	refusal at basalt bedrock/boulders
SB7	35173.0120	south side of parcel and building, adjacent to Front St.	3.5	refusal at basalt bedrock/boulders
Test Pits				
TP1	35173.0120	northeast parcel corner	10	mixed fill materials, no bedrock
TP2	35173.0120	east central parcel boundary	12	mixed fill materials, no bedrock
TP3	35173.0120	southeast parcel corner	10	mixed fill over native at 9 ft., no bedrock
TP4	35174.0556	south central end of parcel	5.5	refusal at basalt bedrock/boulders
TP5	35173.0122	southeast corner of parcel	4	refusal at basalt bedrock/boulders
TP6	35173.0122	central portion of parcel	7.5	refusal at basalt bedrock/boulders
TP7	35173.0122	north central area of parcel	6	refusal at basalt bedrock/boulders
TP8	35173.0124	northweast corner of parcel (former Inland Metals area)	9	refusal at basalt bedrock/boulders
TP9	35173.0122	west central area of parcel (former Inland Metals area)	1.5	refusal at basalt bedrock/boulders
TP10	35173.0122	southeast corner of parcel (former Inland Metals area)	1	refusal at basalt bedrock/boulders
TP11	35173.0124	southeast corner of parcel (former Inland Metals area)	7	refusal at basalt bedrock/boulders
TP12	35173.0122	northweast corner of parcel (former Inland Metals area)	0.5	no sample, basalt bedrock

SLR International Corp

BOREHOLE LOG

BORING NO. SB1

Project: Schade Brewery	Drilling Contractor: Jasper Mountain Drilling
Project No.: 003.0156.00002 Client: American West Bank	Driller: Bob Elliot
Location: 528 East Trent Avenue, Spokane, Washington	Drilling Equipment: Mobile B-80
Elevation (Approx.): 1990 ft. Slope (%) Approx.: 0 to 3% Aspect: NA	Borehole Data: 4.5 in ID Hollow Stem, 2 in ID Split Spoon Sampler
Prepared By: Jeff Leppo	Borehole Start: 2/24/04 Completed: 2/24/04
Date: 2/24/04	Misc. Note:

DEPTH	SAMPLE	SAMPLE DESCRIPTION	NOTES / REMARKS
0		Asphalt	0755 Start, Advance to 2.5 ft.
3 in. to 2 ft.		Dark grayish brown (10YR 4/2) sand/gravel FILL mixture (SW), well graded gravels, dry to slightly moist, moderately dense.	
2.5 ft.	SB1-2.5	Yellowish brown (10YR5/4) silt/sand/gravel FILL mixture (SP), few poorly graded gravels, sub-rounded to rounded gravels, dry to slightly moist, moderately dense to dense.	0810
5	SB1-5	Black ((10YR 2/1) sand/gravel mixture (GM), gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist, cobbles and boulders present in profile.	0822 Limited recovery, basalt gravel in sample
6.5	SB1-6.5	Dark grayish brown (10YR 4/2) sand/gravel mixture (GM), gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist, cobbles and boulders present in profile.	0855 Limited recovery, basalt cobbles and boulders present
7.5	Refusal	Basalt bedrock	
		Terminate boring @ 7.5 ft. bgs, abandon boring with bentonite pellet fill.	0915

SLR International Corp

BOREHOLE LOG

BORING NO. SB2

Project: Schade Brewery	Drilling Contractor: Jasper Mountain Drilling
Project No.: 003.0156.00002 Client: American West Bank	Driller: Bob Elliot
Location: 528 East Trent Avenue, Spokane, Washington	Drilling Equipment: Mobile B-80
Elevation (Approx.): 1990 ft. Slope (%) Approx.: 0 to 3% Aspect: NA	Borehole Data: 4.5 in ID Hollow Stem, 2 in ID Split Spoon Sampler
Prepared By: Jeff Leppo	Borehole Start: 2/24/04 Completed: 2/24/04
Date: 2/24/04	Misc. Note:

DEPTH	SAMPLE	SAMPLE DESCRIPTION	NOTES / REMARKS
0		Asphalt	0920 Start, Advance to 2.5 ft.
3 in. to 1 ft.		Very dark brown (10YR 3/2) silt/sand/gravel FILL mixture (SP), dry to slightly moist, mod. dense.	
2.5 ft.	SB2-2.5	Dark grayish brown (10YR 4/2) sand/gravel mixture (GM), gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist, cobbles present in profile.	0940 Difficult drilling at 4.5 ft.
4	SB2-4	Very dark brown ((10YR 2/2) sand/gravel mixture (GM), gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist, cobbles present in profile.	1000 Limited recovery
4.5	Refusal	Basalt bedrock or concrete surface (?), flat-lying surface, buried structure (?)	
		Terminate boring @ 4.5 ft. bgs, abandon boring with bentonite pellet fill.	1005

SLR International Corp

BOREHOLE LOG

BORING NO. SB3

Project: Schade Brewery	Drilling Contractor: Jasper Mountain Drilling
Project No.: 003.0156.00002 Client: American West Bank	Driller: Bob Elliot
Location: 528 East Trent Avenue, Spokane, Washington	Drilling Equipment: Mobile B-80
Elevation (Approx.): 1990 ft. Slope (%) Approx.: 0 to 3% Aspect: NA	Borehole Data: 4.5 in ID Hollow Stem, 2 in ID Split Spoon Sampler
Prepared By: Jeff Leppo	Borehole Start: 2/24/04 Completed: 2/24/04
Date: 2/24/04	Misc. Note:

DEPTH	SAMPLE	SAMPLE DESCRIPTION	NOTES / REMARKS
0		Asphalt	1018 Start, Advance to 2.5 ft.
0.5	SB3-0.5	Brown (10YR 5/2) silty gravel FILL mixture (GM), dry to slightly moist.	1030 Sample fill from sidewall
0.5	Refusal	Basalt bedrock, flat-lying surface	
		Terminate boring @ 0.5 ft. bgs, abandon boring with bentonite pellet fill.	1038

SLR International Corp

BOREHOLE LOG

BORING NO. SB4

Project: Schade Brewery	Drilling Contractor: Jasper Mountain Drilling
Project No.: 003.0156.00002 Client: American West Bank	Driller: Bob Elliot
Location: 528 East Trent Avenue, Spokane, Washington	Drilling Equipment: Mobile B-80
Elevation (Approx.): 1990 ft. Slope (%) Approx.: 0 to 3% Aspect: NA	Borehole Data: 4.5 in ID Hollow Stem, 2 in ID Split Spoon Sampler
Prepared By: Jeff Leppo	Borehole Start: 2/24/04 Completed: 2/24/04
Date: 2/24/04	Misc. Note:

DEPTH	SAMPLE	SAMPLE DESCRIPTION	NOTES / REMARKS
0		Asphalt	1052 Start, Advance to 2.5 ft.
< 0.5	NS	Brown (10YR 5/2) silty gravel FILL mixture (GM), dry to slightly moist.	1030 No Sample
0.5	Refusal	Basalt bedrock or concrete surface (?), flat-lying surface, buried structure (?)	
		Terminate boring @ 0.5 ft. bgs, abandon boring with bentonite pellet fill.	1100

SLR International Corp

BOREHOLE LOG

BORING NO. SB5

Project: Schade Brewery	Drilling Contractor: Jasper Mountain Drilling
Project No.: 003.0156.00002 Client: American West Bank	Driller: Bob Elliot
Location: 528 East Trent Avenue, Spokane, Washington	Drilling Equipment: Mobile B-80
Elevation (Approx.): 1990 ft. Slope (%) Approx.: 0 to 3% Aspect: NA	Borehole Data: 4.5 in ID Hollow Stem, 2 in ID Split Spoon Sampler
Prepared By: Jeff Leppo	Borehole Start: 2/24/04 Completed: 2/24/04
Date: 2/24/04	Misc. Note:

DEPTH	SAMPLE	SAMPLE DESCRIPTION	NOTES / REMARKS
0		Asphalt	1122 Start, Advance to 2.5 ft.
3 in. to 2.0 ft.		Dark grayish brown (10YR 4/2) sand/gravel FILL mixture (SW), well graded gravels, dry to slightly moist, moderately dense.	
2.5 ft.	SB5-2.5	Dark brown (10YR 4/3) silty gravel FILL mixture (GM), few poorly graded gravels, gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist.	1135
3.5	SB5-3.5	Dark brown (10YR 4/3) silty gravel FILL mixture (GM), few poorly graded gravels, gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist.	1140 Limited recovery
4.5	Refusal	Basalt bedrock, boulder or other structure	
		Terminate boring @ 4.5 ft. bgs, abandon boring with bentonite pellet fill.	1145

SLR International Corp

BOREHOLE LOG

BORING NO. SB6

Project: Schade Brewery	Drilling Contractor: Jasper Mountain Drilling
Project No.: 003.0156.00002 Client: American West Bank	Driller: Bob Elliot
Location: 528 East Trent Avenue, Spokane, Washington	Drilling Equipment: Mobile B-80
Elevation (Approx.): 1990 ft. Slope (%) Approx.: 0 to 3% Aspect: NA	Borehole Data: 4.5 in ID Hollow Stem, 2 in ID Split Spoon Sampler
Prepared By: Jeff Leppo	Borehole Start: 2/24/04 Completed: 2/24/04
Date: 2/24/04	Misc. Note:

DEPTH	SAMPLE	SAMPLE DESCRIPTION	NOTES / REMARKS
0		Asphalt	1320 Start, Advance to 2.5 ft.
3 in. to 2.5 ft.	SB6-2.5	Dark brown (10YR 4/3) silty gravel FILL mixture (GM), few poorly graded gravels, gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist.	1335 Slow drilling, limited recovery
5 ft.	SB6-5	Brown (10YR 4/3) silty gravel FILL mixture (GM), few poorly graded gravels, sub-rounded to rounded gravels, gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist, cobbles and boulders present.	1345 Slow drilling, limited recovery
6.0	Refusal	Basalt bedrock, boulder or other structure.	
		Terminate boring @ 6.0 ft. bgs, abandon boring with bentonite pellet fill.	1355

SLR International Corp

BOREHOLE LOG

BORING NO. SB7

Project: Schade Brewery	Drilling Contractor: Jasper Mountain Drilling
Project No.: 003.0156.00002 Client: American West Bank	Driller: Bob Elliot
Location: 528 East Trent Avenue, Spokane, Washington	Drilling Equipment: Mobile B-80
Elevation (Approx.): 1990 ft. Slope (%) Approx.: 0 to 3% Aspect: NA	Borehole Data: 4.5 in ID Hollow Stem, 2 in ID Split Spoon Sampler
Prepared By: Jeff Leppo	Borehole Start: 2/24/04 Completed: 2/24/04
Date: 2/24/04	Misc. Note:

DEPTH	SAMPLE	SAMPLE DESCRIPTION	NOTES / REMARKS
0		Asphalt	1410 Start, Advance to 2.5 ft.
3 in. to 2.5 ft.	SB7-2.5	Brown (10YR 4/3) silty gravel FILL mixture (GM), few poorly graded gravels, sub-rounded to rounded gravels, gravels are mixed glacio-fluvial and basalt, angular to rounded, slightly to moderately moist, small broken brick pieces present.	1425 Slow drilling, limited recovery
3.5	Refusal	Basalt bedrock, boulder or other structure	
		Terminate boring @ 3.5 ft. bgs, abandon boring with bentonite pellet fill.	1435

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)

DATE: 3 / 4 /2004 — SLR International Corp. — Page 1 of

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Latitude (North)/ Longitude (West) (WSG84/WAAS)
TP1	TP1-2.5	2.5	0 to 4.5 ft. Multi-layered sand/gravel mixture (fill), some fines (GM)	NE Prop. Corner
	10:40		Light yellowish brown (10YR 6/4) w/ dark brown (10YR 3/3) lenses (organic material, topsoil), fine gravels, sl. to mod moist, loose to slightly dense, poorly graded gravels	
			4.5 to 10 Dark grayish brown (10YR 4/2) sand silt gravel mixture, basalt	
	TP1-7.5	7.5	(angular) and glacial (rounded) well graded, cobbles & few boulders	
	11:17		present, multilayered & cross bedded, lenses of dark brown	
			soil material, mixed materials w/ broken brick	
			Similar Profile to 10 ft. increas cobble boulder content	
	T=10		Brick limited to layers @ 1 Ft & 4 to 5 ft. No brick	
			below 4 to 5 ft (s collected at these depths.	
			Predom.	
			Term. Hole @ 10 ft. - Thick rock w/ silt & sand	
			No staining or odors noted in profile from pet.	
			or chemicals	
			No other odors noted (other than brick)	

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)

SLR International Corp.

DATE: 3 / 4 /2004

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Latitude (North)/ Longitude (West) (WSG84/WAAS)
TP2			0 to 1.5 ft. Light yellowish brown (10YR 6/4) sand silt gravel mixture	Middle
			(fill) (GM) w/ dark brown lenses of organic matter & topsoil	Section
			fine gravels, sl. to mod. moist, loose to sl. dense, multi layer	along E.
			gravels are subrounded to rounded	Boundary
	TP2-3.5	3.5	1.5 to - Multi layered, cross bedded sand silt gravel mixture, GM	
	10:52		gravels are fine to coarse, primarily basalt, angular, few	
			cobbles & boulders, increasing size w/ depth, lenses of	
			reddish brown soil (no bricks or other materials noted in profile)	
			appears as fill	
	TP2-8	8	Similar profile to 12 ft	
	11:25		Mixed fill	
	T=12 ft			
			No petroleum/chemical odors or staining noted	
			No brick or other debris in upper profile.	
			Encounter concrete slab (broken) @ 9 ft.	

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)

DATE: 3/4/2004 — SLR International Corp. — Page 1 of 1

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Latitude (North)/ Longitude (West) (WSG84/WAAS)
TP3	TP3-3	3ft	Dark (grayish brown (10YR 4/2) sand silt gravel mixture (SM)	South side
	11:00		well graded multiple sized fine to medium gravels of both	of Pipe.
			basalt (angular) and glacial (rounded) materials	@ SE corner
			sl. to mod. moist, multilayered / cross bedded fill, broken	
	0 to 9ft		concrete slabs @ 1 to 3 ft on east sidewall, some	
			brick fragments, mixed materials, dark brown tenses of	
			organic matter — sample of dark brown material	
	TP3-7	7ft	Sand layer in ERS probe @ 4 to 8 ft., surrounded	
	11:38		by mixed fill	
			Reddish brown discolored areas (iron stained)	
	9 to 10 ft			
	TP3-10	10	Reddish brown silty gravel mixture w/ subrounded basalt	
	11:50		& glacial / alluvial gravels, fine to coarse, some	
			cobbles, appears possible native layer of	
			sl. to mod. moist, med dense to dense, no shear loader	
			Concrete slabs mixed in upper 0 to 7 ft	
			No bricks or debris, some discolored soil	
			No pet. odors / chem odors, stains	

Start 10:05

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)

DATE: 3 / /2004 — SLR International Corp. — Page 1 of 1

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Location
TP4	TP4-2	2	Dark brown (10YR 4/3) sand/silt/gravel mixture (GM) fill, gravel	3517 W 0556
			to cobble sized reformed, angular to subrounded basalt & glaciofluvial	Eastern Most
	10:10		deposits, brick fragments common, some limited charcoal bodies	Paved
			dry to slightly moist	
	0 to 5.5		Probe continues to Bedrock	
			Consolidated to unconsolidated basalt rocks (boulders)	
			and bedrock @ 5.5 ft	
	TP4-5	5	Basalt Boulders & Bedrock	
	10:25			
			T = 5.5 ft.	

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)

SLR International Corp.

DATE: 3/23/2004

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Location
TP5	TP5-2	2	Dark brown (10YR 4/3) sand/silt/gravel mixture (GP) Fill, gravel & cobble sized	
	10:20		materials are angular & subrounded brick & glass deposits, brick	
	0 to 3 ft.		fragments common, metal debris of aluminum & stainless steel	
			present, dry to slightly moist	
	3 to 4	10:45	Strong brown (7.5YR 5/6) inorganic silt (ML) native soil, slightly	
	TP5-3.5		to moderately moist	
	4 ft		Bedrock Basalt, flat lying under silt layer	
			T = 4.0	

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)
SLR International Corp.

DATE: 3 / 23 /2004

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Location
TP6	TP6-2.5	2.5	Dark grayish brown (10YR 4/2) sand, silt & grael mixture, graels are angular to subrounded basalt mixed w/ glacial deposits, sl. to mod. moist, appears stained, few brick fragments & wood debris, slight petroleum sheen, layered lifts/layered horizon appears to end at various depths of layer.	
	10:30			
	5.5-7.5		Yellow (10YR 7/6) silt (ML) over basalt, sl. to moderately moist, native soil	
	TP6-6	6		
	10:55			
	7.5		Basalt boulders & appear bedrock, fragmented, irregular surface to bedrock	
			T = 7.5 ft Bedrock	

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)

SLR International Corp.

DATE: 3/23/2004

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Location
TP7	TP7-2.5	2.5	Dark grayish brown (10YR 4/2) sand/silt/gravel mixture, gravels are angular to subrounded basalt & glacial deposits, sl. to mod. moist (Fill), brick fragments, glass & metal pieces, some darker stained areas	
	11:15			
			↓	
	0-6 ft		insulated	
	TP7-5.5		Sewer profile w/ timbers, metal debris, wire, metal pieces	
	11:25		Concrete piece @ 4 ft	
			Basalt @ 6.0 ft Boulders & bedrock @ 6 ft	
			T-6 Ft	

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)

SLR International Corp.

DATE: 4/20/2004

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Location
TP9	TP9-1	1ft	Brown (10YR 5/3) silty gravel mixture, gravels are well graded mixed basalt & glacial deposits, rounded to angular	
	10:20		Mixed fill materials w/ brick, metal bars.	
			No staining or odors. No sheen	
			Basalt Bedrock @18 in	
			T = 18 in	
			1 sample only	
TP8	TP8-2	8 to 45"	Light yellowish brown (10YR 6/4) well graded gravels w/	
	10:30		silt & sands, well graded gravels are rounded to subrounded	
			glacials, no basalts, cobbles & boulders present - fill	
		0 to 8 [	Surface 0 to 8 in grayish brown, well graded gravel w/	
			silts & sand	
	TP8-7	4.5 to 9	Mixed basalt fill w/ silt & Sand Dark grayish brown (10YR 4/2)	
	10:45		appears to be basalt fill material underneath	

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)

SLR International Corp.

DATE: 4 /20 /2004

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Location
TP1	TP11-2	2 ft	Light yellowish brown (10YR 6/4) well graded gravels w/ sand & silt, rounded to subrounded, fill over basalt, dry to sl. moist, gravel materials imported Fill	
	11:15			
TP11	TP1-4.5	4.5ft	Dark grayish brown humus/fill layer about 1ft thick of broken basalt, brick, metal, glass, etc. over silty loam @ 5ft. Debris fill over native	
	5.0		Lt Yellowish brown 10YR 6/4) silt/silty clay SM native material No Sample of Native Silt Silt over Basalt T=7.0 Basalt @ 7ft. Silt about 1-1.5ft before broken basalt layer more Solid basalt	
TP-10	TP10-1	1	Mixed fill material, brick, rock, basalt & gravel deposits. Pale brown 10YR 6/3, very mixed gravel over basalt, sl. moist	
	11:25		T=1ft. Basalt bedrock @ 1ft on 1ft. of hill	

Test Pit Field Record - Remedial Investigation

Schade Brewery (American West Bank) (003.0156.00002)
SLR International Corp.

DATE: 4/20/2004

Test Pit	Sample Number	Sample Depth (ft.)	Observations	Location
TP12	TP12-		Broken Basalt Material, Possible fill of fractured material	
	No Sample		Limited fines in interval, appears disturbed or graded in upper 3 to 4 ft. Fractured & Broken T.D 4ft. Basalt	
			Broken up	
			Above 4 to 6 in of imported gravel over top	
			GW Yellowish brown No Sample	

No Sample

APPENDIX F

SLR
International Corp

CHRISTINE O. GREGOIRE
Director

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
N. 4601 Monroe, Suite 100 • Spokane, Washington 99205-1295 • (509) 456-2926

OCT 1 8

October 11, 1990

Mr. Brian Whitfield
8609 N.E. 14th Street
Bellevue, WA 98004

CONSENT FOR ACCESS TO PROPERTY

Property Address: Inland Metals
E. 528 Trent
Spokane, WA

I hereby give my consent of officers, employees, contractors, and persons acting at the request of the Washington State Department of Ecology (WDOE) to my property located at the above property address for the following purposes: to collect soil samples for a site hazard assessment of the property.

Permission for access commences on October 22, 1990 and continues through October 26, 1990.

Oct 15, 1990
Date

Signature

The WDOE is requested to provide me a duplicate of any samples(s) collected at the above property address during the time of access. I will supply the container(s) to receive the duplicate sample(s).

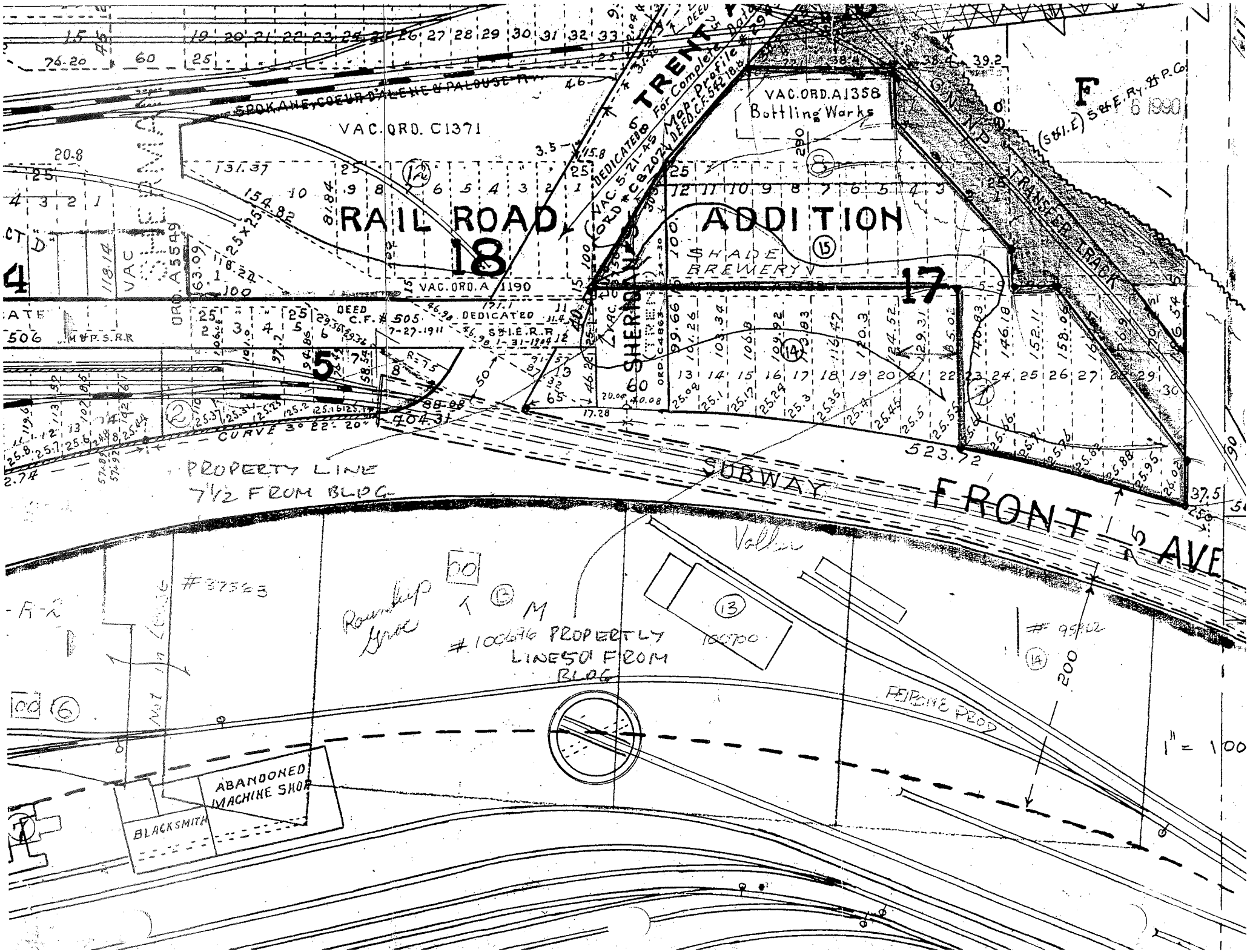
Date

Signature

The WDOE is not requested to provide me a duplicate of any sample(s) collected at the above address during the time of access.

Oct 15/1990
Date

Signature


SPOKANE, COEUR D'ALENE & PALOUSE R.R.
VAC. ORD. C1371
VAC. ORD. A1358
Bottling Works
TRENT
For Complete Map-Profile
DEED C.F. 542 18.6
DEDICATED
VAC. 5-21-45
ORD. C6202
RAIL ROAD ADDITION
18
17
5
4
SHADE BREWERY
VAC. ORD. A 1190
DEED C.F. # 505
7-27-1911
DEDICATED
S.&I.E.R.R.
1-31-1904
M.&P.S.R.R.
SHERIDAN
VAC. ORD. C4863
CURVE 3° 22' 20"
404.31
523.72
PROPERTY LINE
7½ FROM BLDG.
SUBWAY
FRONT ½ AVE
G.N.R.R. TRANSFER TRACK
(S&I.E.) S&E.RY. & P.C.
Valley
#37563
#10616 PROPERTY LINES 0' FROM BLDG.
ABANDONED MACHINE SHOP
BLACKSMITH
Not in Lease
PEDRONE PROP.
#9502
200
1" = 100

WDOE - SHA Prelim. Assess
SAIC

INLAND METALS

On October 25, 1990, Stuart Strum (Work Assignment Manager) and Robert D. Carruthers (Technical Assistant) of SAIC arrived at Inland Metals at 9:45 A.M. to collect soil samples. The samples were to be analyzed for EPA priority metals, total PCBs, and TPH. The purpose of the site visit was to collect sufficient site information to allow site scoring by the Washington Ranking Method. Site access was off Trent Ave. Weather conditions were sunny, temperature was in the 60s (F), with a light wind from the southeast. Cleanup of the site had been ongoing for some time as indicated by the then ongoing front loader operations. Conversation with the people performing the site cleanup revealed information about site history and approximate location of site boundaries. The cleanup people believed the Inland Metals building had been located partially north of the northern property boundary. They stated that demolition debris from the site was being removed to a landfill. Soil excavation, for purposes of scrap metal recovery, had occurred immediately south of the Inland Metals building. Metal from the excavation was removed and the area is now terraced. The excavated area looked like it had formerly sloped to the Spokane River. At the time of this site visit, the excavated area formed a half-moon shaped cut which dropped about 5 to 6 feet below grade.

Based upon previous field experience at the Alaska Steel site, hand auguring to 5 feet was not attempted. Surface soil sampling was performed at 7 locations. Three of the sampled locations (Samples 1, 2, and 3) were along the edge of the excavated area. These three locations were also sampled at the base of the cut to provide information on soil at a 5 to 6 foot depth. The soil profile along the terraced cut revealed the general fill nature of the area north of the brewery and south of the Inland Metals building. Much glass and bottle tops were present presumably from brewery operations. No obvious visual signs of contamination were discernible. The cleanup subcontractors stated that they thought the property owners\operators over the years had filled this area with whatever was available to bring it up to grade with the buildings.

Figure 1 shows the location of present and previous sampling points. The reference point for locating the samples collected by SAIC was the northeast corner of the old brewery building. Figure 1 also attempts to locate samples collected previously. This was difficult given that the previously sampled locations were referenced by objects or locations no longer present or imprecisely described. Also the site map included within the work plan is thought to not accurately locate the Inland Metals building relative to the still existing brewery building. The eastern edge of the Inland Metals building is about even with the eastern edge of the brewery building. The work plan map indicates otherwise. Excavation where the George Maddox samples 5 and 2 were taken has resulted in these samples having little present meaning. Difficulty in establishing site boundaries is indicated by SAIC sample 3 being taken off-site. There is no obvious feature delineating the eastern boundary. Samples were not taken from between the brewery building and the former Inland Metals building because the area appeared to have undergone extensive earth moving by heavy equipment. Large rocks and piles of soil were present which made it difficult to select a location where sampling would be representative of the original soil. SAIC sample 4 was taken adjacent to a compacting machine. The exposed soil around the machine platform did not display obvious visual signs of contamination. The soil profile suggested that fill had been brought in at least for the compactor site.

Burlington Northern Property

A background sample was collected from shallow soil overlying the basalt outcrop adjacent to the Spokane River. The background collection location seemed never to have been disturbed.

Sampling was done at the following locations:

Sample	Location
IM-1-1	106 feet north and 14 feet west of the reference corner
IM-1-2	106 feet north and 14 feet west of the reference corner at cut base
IM-2-1	94 feet north and 38 feet east of the reference corner
IM-2-2	94 feet north and 38 feet east of the reference corner at the cut base
IM-3-1	94 feet north and 75 feet east of the reference corner
IM-3-2	94 feet north and 75 feet east of the reference corner at the cut base
IM-4	28 feet south and 84 feet east and of the reference corner
IM-5	106 feet south and 61 feet east and of the reference corner
IM-6	106 feet south and 143 feet east and of the reference corner
IM-7	106 feet south and 183 feet east and of the reference corner
Background	217 feet east of the reference corner and parallel to the plane of the north wall of the brewery building

Field "headquarters" and the equipment decontamination area were located between the brewery building and the former Inland Metal building. Sampling equipment was decontaminated prior to, and between sampling. The sampling equipment consisted of a stainless steel hand auger, stainless steel bowl and stainless steel spoon. The methodology was to auger to the desired depth and then pour the collected sample into the mixing bowl. The spoon was then used to mix the sample prior to placement in sample containers. Surface samples were collected from within the top 6 inches of soil. Samples taken at the base of the terraced cut were collected by discarding the initial 1 to 2 inches of soil and auguring back into the cut at a slight angle. The sample material retained was from the nearest 6 inches of soil to the cut surface with the exclusion of the initial 1 to 2 inches of soil.

All samples collected were stored on ice within coolers. The coolers containing the samples were shipped the evening of the 25th by Federal Express for next day delivery to the Weyerhaeuser laboratory for analysis.

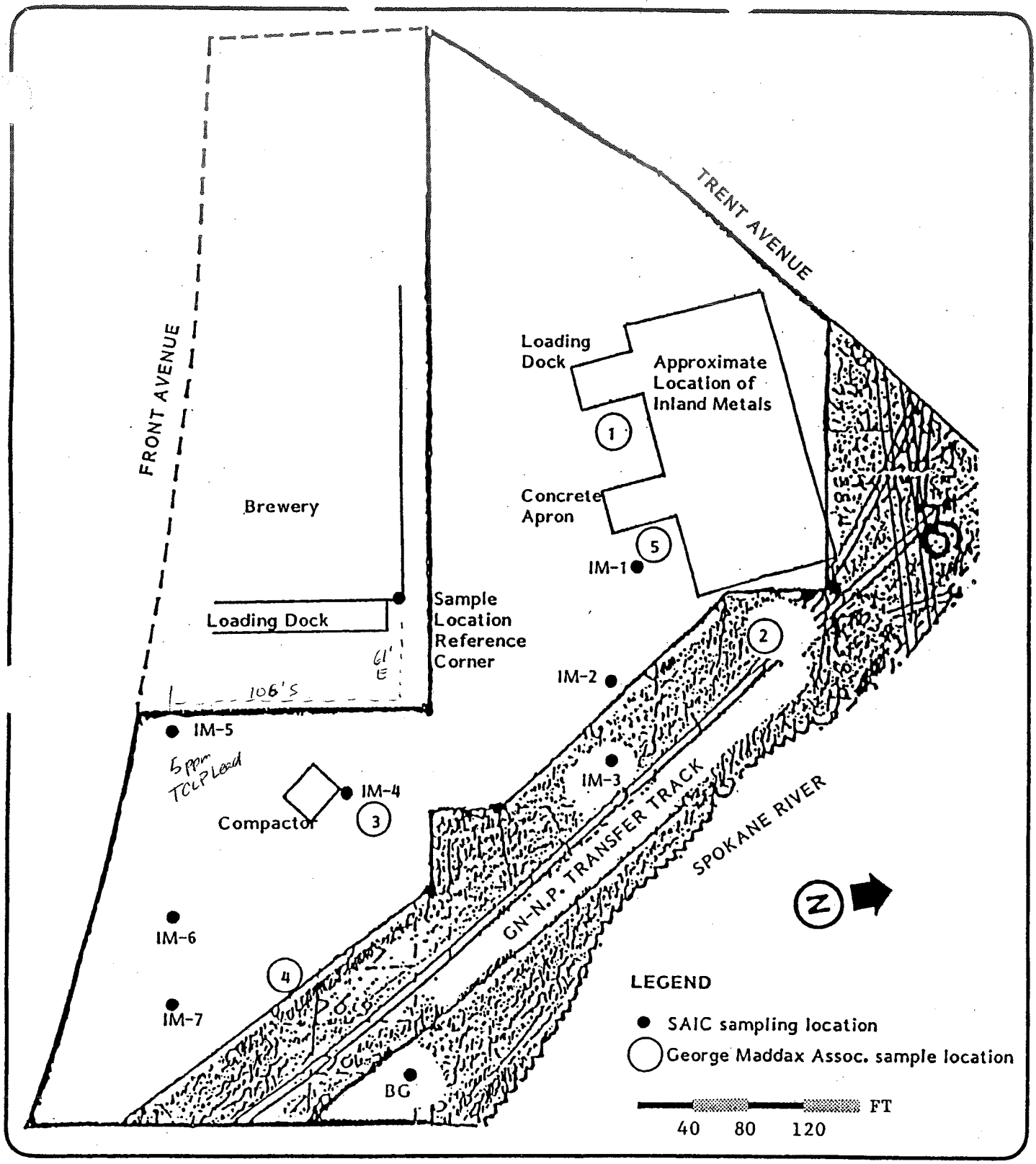


Figure 1

SITE MAP FOR INLAND METALS
SPOKANE, WA

BRIAN WHITFIELD
8609 N.E. 14th STREET, BELLEVUE, WA 98004, (206) 453-9785

RECEIVED
MAY 26 1992
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

May 21, 1992

Ms. Patti Carter,
Environmental Geologist,
Site Hazard Assessments,
Department of Ecology
Eastern Regional Office,
N. 4601 Monroe, Suite 100
Spokane, WA 99205-1295

Dear Ms. Carter,

Re: Inland Metals Site

During our telephone conversation yesterday you mentioned that you were uncertain of the location of the samples taken by George Maddox relative to that of the samples taken by SAIC. Looking at the maps prepared by each, I can understand your statement as neither is to scale.

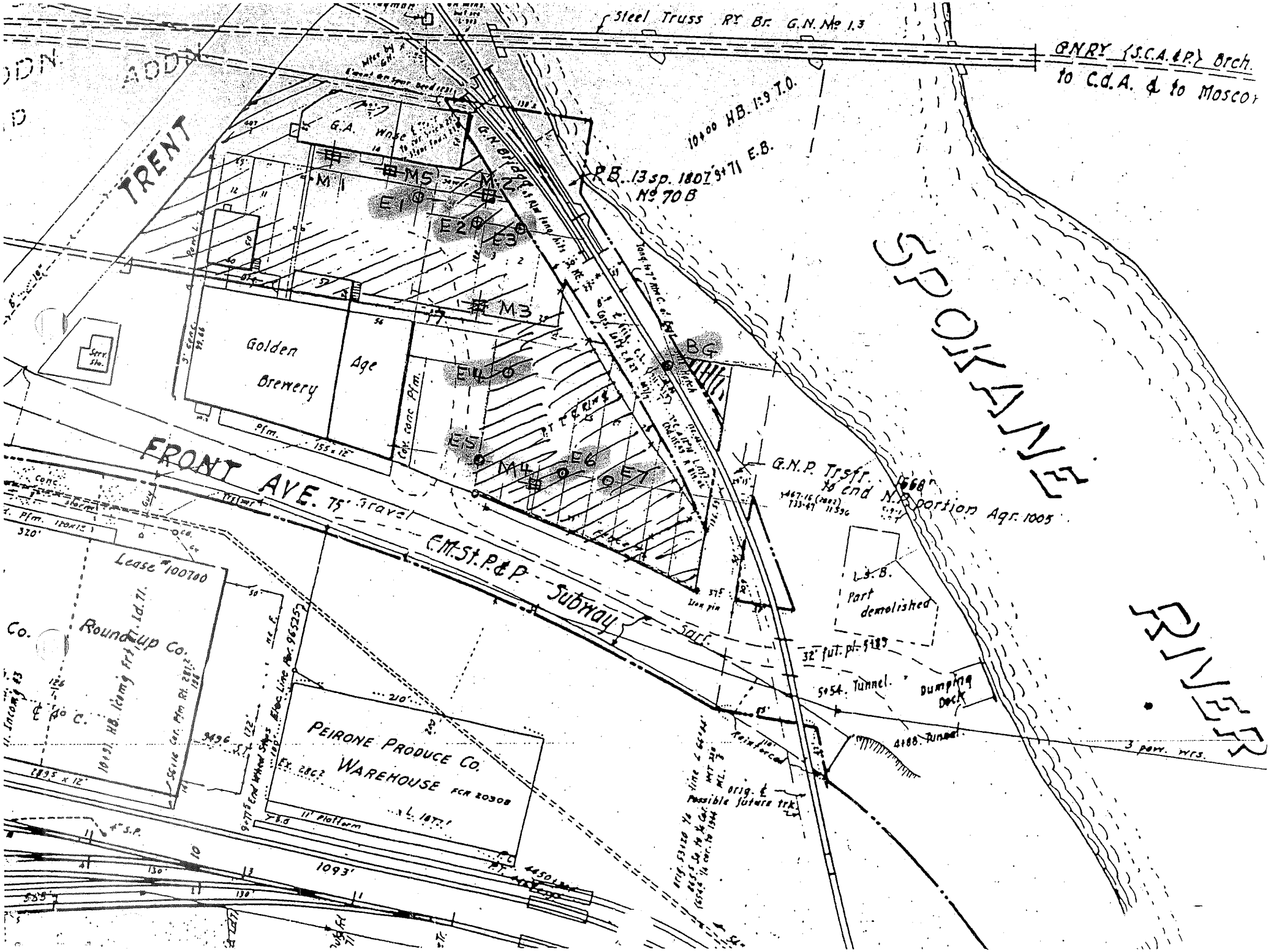
I have, as accurately as I can, located both sets of sample locations on one plot plan of the property. The SAIC samples were located as per page 3 of their notes. The latest George Maddox samples were located according to measurements I took, as I was present at the time. The locations were such that they approximated locations of his 1986 testing program: many of the previous landmarks no longer exist.

For clarity SAIC test locations are marked in pink as E1, etc and George Maddox test locations are marked in yellow as M1, etc

Yours truly,

Brian Whitfield

c.c. George Maddox


Steel Truss RY Br. G.N. No 1.3
GNRY (S.C.A. & P.) Arch.
to C.d.A. & to Mosco
TRENT
G.A. Wake
G.N. Bridge
PB. 13 sp. 1807'9+71 E.B.
No 70 B
SPOKANE RIVER
Golden Brewery
Age
FRONT AVE. 75' Gravel
C.M.St.P.&P. Subway
Lease #100780
Round Up Co.
Co.
PEIRONE PRODUCE CO.
WAREHOUSE FCR 20308
G.N.P. Trs'fr.
to end N.P. portion Agr. 1005
L.B.
Part demolished
32' fut. pl. 5189
5054. Tunnel.
Dumping Dock
4188. Tunnel
3 pow. wrs.
1093'
M1
M2
M3
M4
M5
E1
E2
E3
E4
E5
E6
E7
BG

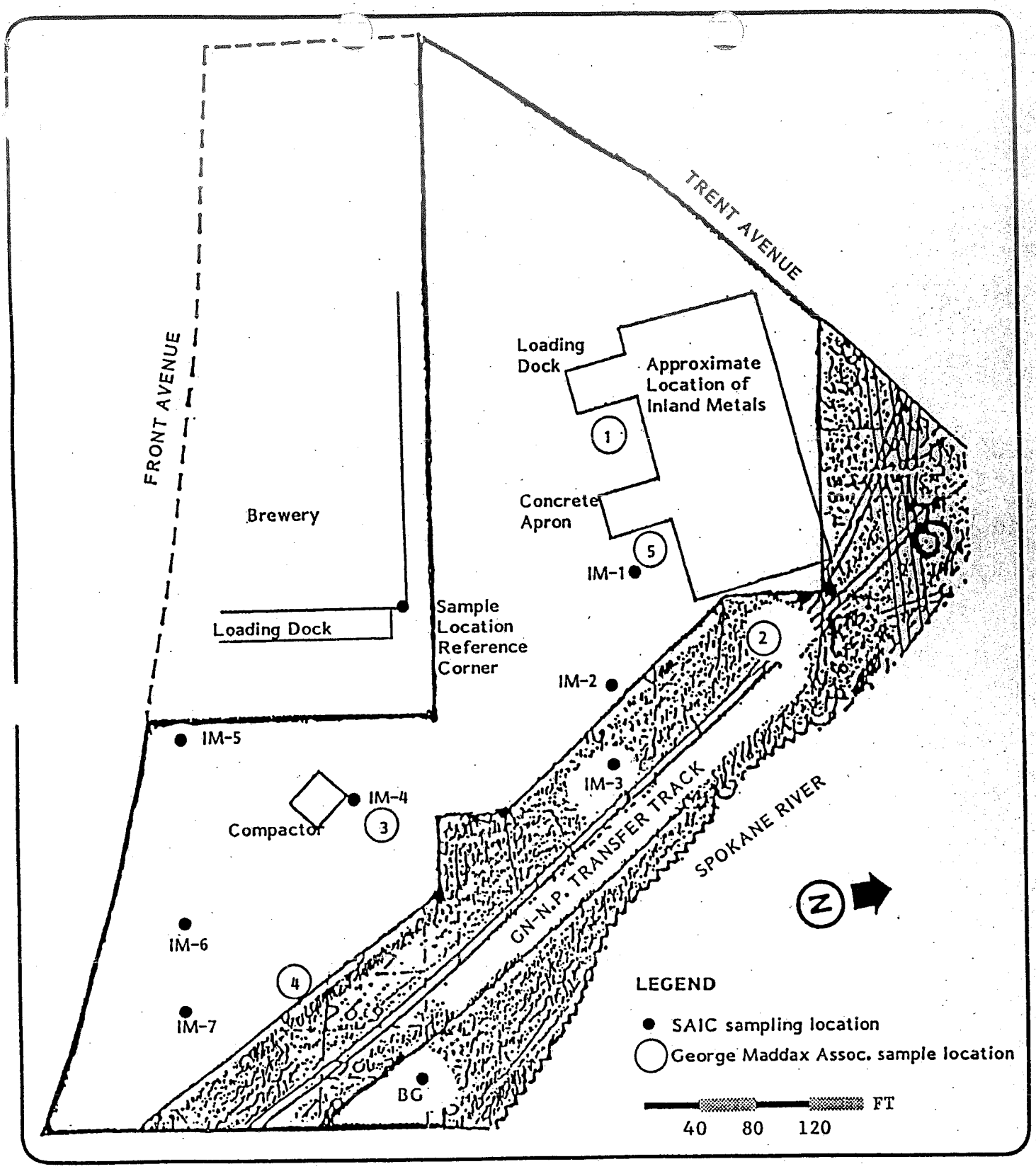
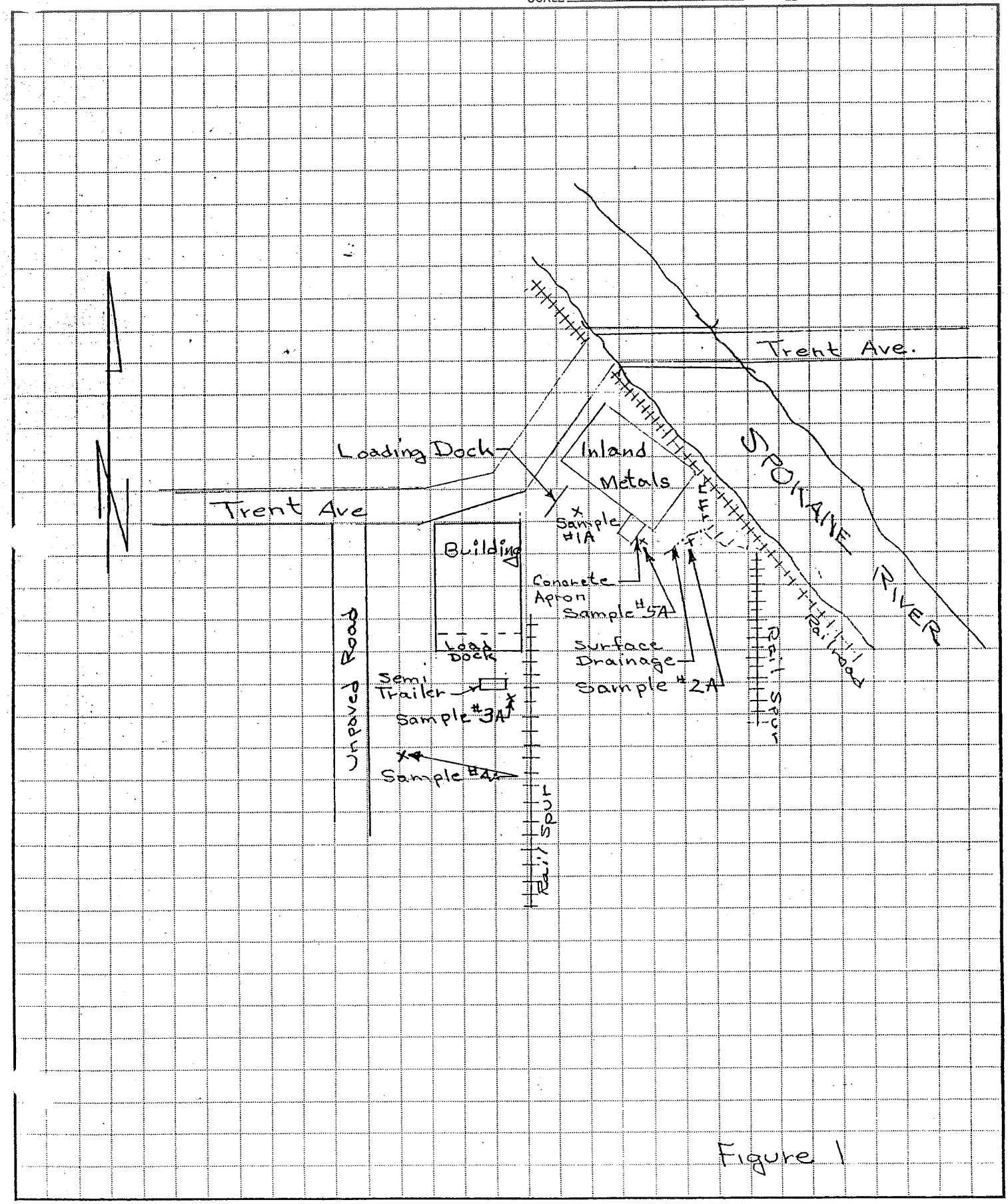


Figure 1

SITE MAP FOR INLAND METALS
SPOKANE, WA

GEORGE MADDOX
& ASSOCIATES, INC.
Consulting Engineers and Geologists

JOB 85-39-21
SHEET NO. 1 OF 1
CALCULATED BY P.E. DATE 1/10/86
CHECKED BY GFM DATE 1/10/86
SCALE Schematic



FILE COPY SHA

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

N. 4601 Monroe, Suite 100 • Spokane, Washington 99205-1295 • (509) 456-2926

June 2, 1992

Mr. Brian Whitfield
8609 N.E. 14th Street
Bellevue, WA 98004

Re: Inland Metals site

Dear Mr. Whitfield:

I have received your Independent Cleanup report for the Inland Metals site. In order for the site to be removed from the Hazardous Sites List, you need to formally submit a petition to Ecology [see WAC 173-340-330 (4)]. Please direct the letter to my attention at this office. The petition should include thorough documentation of all investigations performed and of all cleanup actions taken. You will need to demonstrate that all remedial actions have been completed and compliance with the cleanup standards has been achieved at the site.

After review of your petition, Ecology will determine if the site should be removed from the Hazardous Sites List. If Ecology agrees, public notice and an opportunity to comment will be provided by Ecology. Removal of the site from the list will then be published in the Site Register.

Ecology maintains a record of all sites that have been removed from the Hazardous Sites List. This record is available to the public upon request.

In addition, Ecology may relist a site which has previously been removed if it determines that the site requires further remedial action.

A copy of the Model Toxics Control Act Cleanup Regulation (Chapter 173-340 WAC) is enclosed for your information. Please call me at (509) 456-6167 if you have any questions or need additional information.

Sincerely,

Patti Y. Carter
Site Hazard Assessments
Toxics Cleanup Program

PYC:mg
Enclosure

BRIAN WHITFIELD
8609 N.E. 14th STREET, BELLEVUE, WA 98004, (206) 453-9785

RECEIVED
5 1992
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

July 12, 1992

Ms. Patti Y. Carter
Environmental Geologist
Department of Ecology
N. 4601 Monroe, Suite 100
Spokane, WA 99205

Dear Ms. Carter:

Re: Inland Metals Site

The purpose of this letter is to petition the removal of the Inland Metals site from the Washington State Hazardous Sites List.

Location of site:	Street address: 534 East Trent, Spokane, WA 99202 Site location: S.W. Quarter, Section 17, of Township 25 N. Range 43 E.W.M.
Legal description:	Appendix 1
Identification numbers.:	City Parcel Numbers: 35173.0115 and 35173.0108 S.A.I.C Case Number: 04091
Area of site:	Approximately 74,000 Square feet.
Map of site:	Appendix 2
Zoning:	Industrial / Commercial
Surrounding area:	Industrial and commercial, no residential.
Ownership:	The property was acquired by the present owner, Brian Whitfield, in August, 1986 by foreclosure action in the Superior Court of the State of Washington in and for the County of Spokane.

History of site:

The subject site was part of the land occupied by the Schade Brewery which was opened in the year 1903. The brewery building still stands on the adjacent land. The building which was located on the subject site, and which was demolished in 1991, had been the bottling plant. Old drawings, confirmed by subsequent excavation, showed at least one other building.

In the late 1950's the property was acquired by Sam Rykus, who was President and owner of Inland Metals, Inc., a company engaged in the scrap business. Rykus continued the business until 1986.

The area surrounding the site is industrial and commercial. Two or three years ago redevelopment started. The immediate area, and certainly the subject site, will continue to be industrial / commercial rather than residential.

Management of cleanup:

The cleanup was performed under the overall management of Brian Whitfield, the undersigned. I am a graduate Mechanical Engineer. My environmental experience included the modification and operation of limestone quarries and cement plants to meet newly imposed EPA regulations. I have also had experience in exploring for sand and gravel, for use in concrete, which involved drilling and testing soils, requiring a basic understanding of geology.

On site supervision was initially performed by Holt Construction, Inc.. Then, in 1989, TAMCO, a partnership of Mike and Tammy Holt, commenced on site supervision. The Holts have had considerable experience as excavation subcontractors.

Introduction to cleanup:

Sam Rykus, the previous owner, was unable to sell the subject property, and hence prevent foreclosure, because of stories circulating about him having dismantled transformers on the site and thereby contaminating it with P.C.B.'s. He denied this allegation and to support and give credibility to his statement he agreed to a testing program in late 1985. The resulting report, prepared by George Maddox & Associates, Inc., dated January 13, 1986, and attached as Appendix 3, indicated a maximum P.C.B. count of 12 p.p.m. at one location in a low lying area near to the river. These tests, plus the previous use of the site, brought this property to the attention of D.O.E.

For cleanup purposes, the site was divided at the narrow neck (See Appendix 2) into two main parts: the N.W. Section (which included the low lying area near the river) where the buildings and fill were located, and where most of the scrap metal business was conducted; and the S. E. Section (which had outcroppings of basalt rock) where automobile crushing was performed.

Removal of surface scrap and debris

Several independent contractors worked intermittently over a two year period to remove surface scrap from the N.W. Section. A portable baler was brought in to crush 175 tons of automobiles located on the S.E. Section: at the same time City of Spokane dumpsters were brought in to remove about 500 cubic yards of debris that was intermingled with the automobiles.

Removal of underground tanks

In late 1990, after receiving appropriate permits, a licensed contractor removed the underground storage tanks. There was no contamination or leakage, The report is attached as Appendix 4.

Building demolition

The building used by Inland Metals was demolished in 1991. The demolition contractor removed most of the materials, with the remaining concrete foundation and floor being hauled away.

N.W. Section cleanup

The location of installed shears and other dismantling equipment, and discussions with "old hands" in the Spokane scrap business, confirmed where most of the work had been done and, therefore, where there was most likely to be contamination of the underlying ground. However it was evident that most of the scrap processing work had been performed on large concrete slabs, rather than directly on the ground, resulting in less contamination of the underlying materials than might otherwise have been the case.

In mid 1987, at the start of the cleanup program, a quantity of 1,490 cubic yards of debris from adjacent the river was taken to Marshall Landfill. Upon completion, two samples were taken from the bottom of the resulting hole. The ABC Laboratory, Inc. test results, dated September 24, 1987 are attached as Appendix 5. One test result for P.C.B.'s was less than 1 p.p.m. and the other was 3 p.p.m.. With the immediate danger of run off into the adjacent river reduced, the cleanup program was put on hold for financial reasons. However, scavenging of the site for salable metal by independent contractors continued.

Work started again in late 1989 with a continuation of excavation, sorting of metals and hauling material to the landfill. A total of 2,180 cubic yards were hauled in 1989, 4,590 cubic yards in 1990 and 1,620 cubic yards in 1991. In addition a total of 685 cubic yards of concrete were hauled to The Ralph Wilson dump in 1990 and 1991.

A rough estimate of 10,000 cubic yards of clean materials were relocated to already excavated areas during the task of digging down to the grade existing at the time that the brewery was built.

A total of 9,880 cubic yards of material were removed from the N.W. Section to Marshall Landfill. This was made up primarily of two categories, scrap, such as thin sheet metal and wire cable which had no commercial value and building materials from two long ago demolished buildings which had been pushed into their basements. The largest basement, which used to be part of the bottling plant, was 60 ft. long, 50 ft. wide and 18 ft. deep. Almost 3,000 cubic yards, when measured in trucks, were taken from this basement. Old drawings confirmed that the other building was 50 ft. long and 40 ft. wide. This basement was also full of the demolished building, and it had three concrete slabs poured on top at slightly different elevations. Concrete foundation walls and basement slabs of the old buildings and retaining walls were also removed. Other materials removed to Marshall Landfill included considerable quantities of broken brick, a thick seam of broken glass bottles, concrete slabs placed to perform demolition work and ash. Soil, which had been contaminated with oil, was allowed to dry before hauling. There were several truck loads of automobile tires.

The result is that the grade of the surface of the site, before backfilling with clean material in some areas, is considerably below the 1986 grade, being a maximum of 20 feet below near the river. It should be stressed that excavation continued well beyond what was required to clean the site: digging continued down to undisturbed earth in the low area by the river to locate footings for an office building planned for the site.

It is known that the independent contractors took a total of about $30,000 of scrap metal to a local dealer during their scavenging operation. At an average of about $50 per ton, it can be concluded that about 600 tons of scrap metal was removed from the N.W. Section of the site.

On October 25, 1990, S.A.I.C., at the request of D.O.E., visited the site to test for heavy metals and P.C.B.'s. The results are attached as Appendix 6. P.C.B.'s were evident in only three locations, with the maximum reading being 6.4 p.p.m.: a duplicate sample at the same location showed only 1.3. p.p.m.. Excavation continued at this location after the S.A.I.C testing program. Heavy metals were well below maximum allowable.

S.E. Section cleanup.

After the automobiles were removed, six samples were taken on a fifty foot grid. The ABC Laboratories, Inc. test results dated June 21, 1989 are attached as Appendix 7. One test for P.C.B.'s was 4 p.p.m., and two tests had 2 p.p.m.. The October 25, 1990 S.A.I.C. testing program for heavy metals and P.C.B.'s revealed P.C.B.'s at only one location, 2.4 p.p.m., near the baler. Heavy metals were not in excess of allowable limits. The top one to two feet of the surface of the whole area, where old cars had been stored, was scraped off and removed to Marshall Landfill. While doing so it was evident that there had been leakage of hydraulic oil from the baler. Also, there was ash on the surface of an area South of the baler: we were told that in past years some of the automobiles had been burned to remove non-metallic substances. As a result, once the baler was removed, a large area surrounding it was excavated up to a maximum depth of about five feet. A total of 3,750 cubic yards were dug, allowed to dry and hauled to Marshall Landfill. Nearly all of the material hauled consisted of three inch sized crushed rock, probably placed to provide a level working area and a base for the 100 ton baler which was installed in the early 1980's.

Clean granular fill was brought in to fill the excavation and to restore the surface to the original elevation. Also, a ditch was dug along the street and lined with impervious clay to prevent water runoff onto the site from the yard of the trucking company across the street.

Final test program

On March 3, 1991, the firm of George Maddox & Associates was retained to test the site. Soil samples were taken, with some required excavation between sampling. A report was issued on January 2, 1992, with the cover letter and test results attached as Appendix 8. Dr. George Maddox, a Registered Professional Engineer in the State of Washington, concluded: "After prolonged cleanup and repeated sampling it is this firms opinion that all T.C.L.P. metals and P.C.B.'s found in soil at the Inland Metals site have been removed and that the site is clear of contamination." A copy of his report was forwarded to D.O.E shortly afterwards.

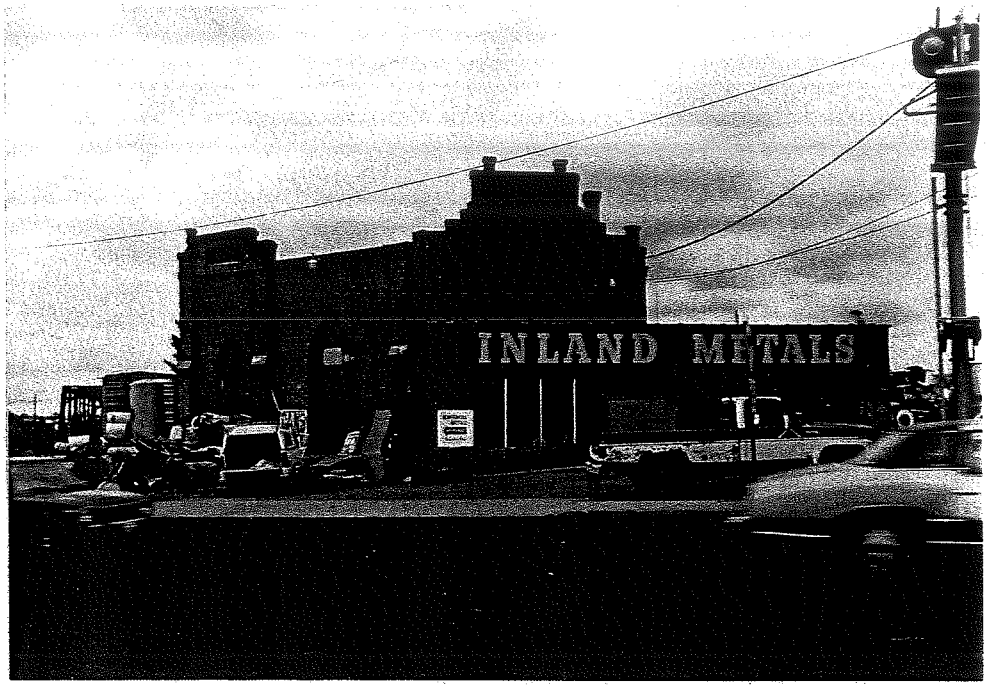
Conclusion

It can be concluded, confirmed by the George Maddox & Associates, Inc. testing program, that the cleanup of the Inland Metals site was thorough and complete. In fact clean up levels established and achieved being a maximum of 1.0 p.p.m. for P.C.B.'s and 5.0 mg/L for lead, for example, were far below the upper limits for industrial / commercial use.

It is formally requested that the Inland Metals site be removed from the Washington State Hazardous Sites List. Your early attention to this request would be appreciated as I have applied for a Shoreline Development Permit with a view to constructing an office building on the site. This process must include approval by D.O.E. in Olympia.

Yours truly,

Brian Whitfield



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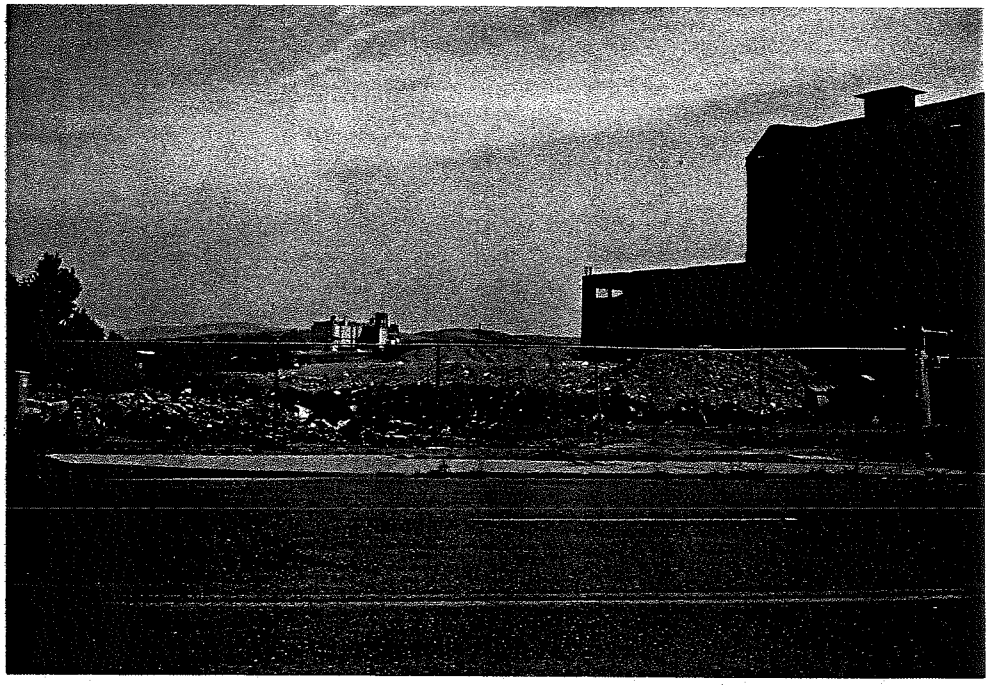

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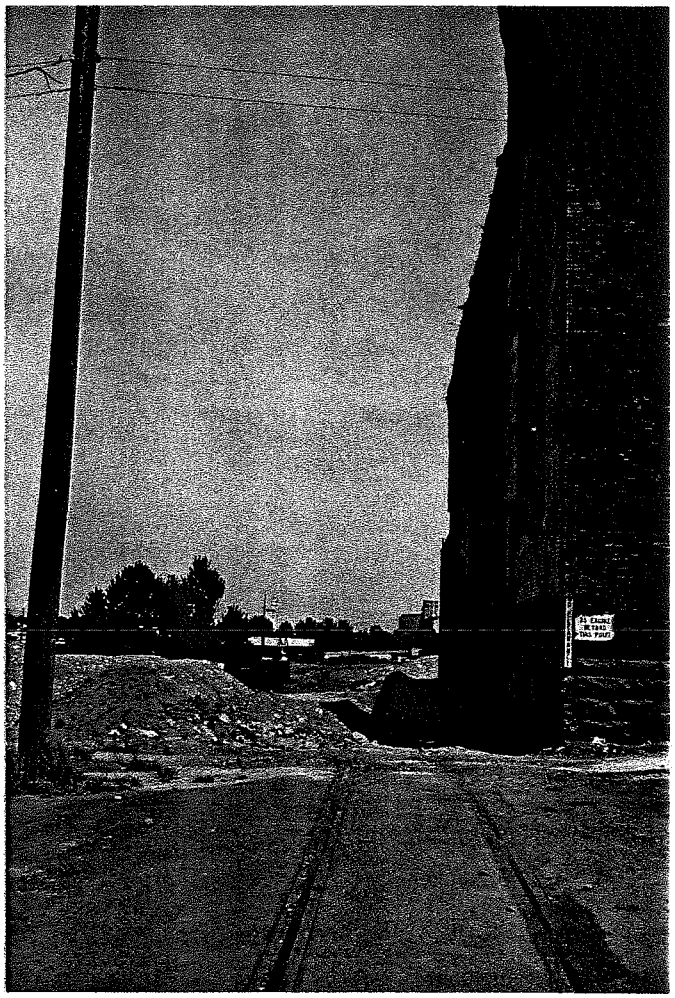
BEFORE - SEPTEMBER 1985

AFTER - JUNE 1992

BEFORE - SEPTEMBER 1985



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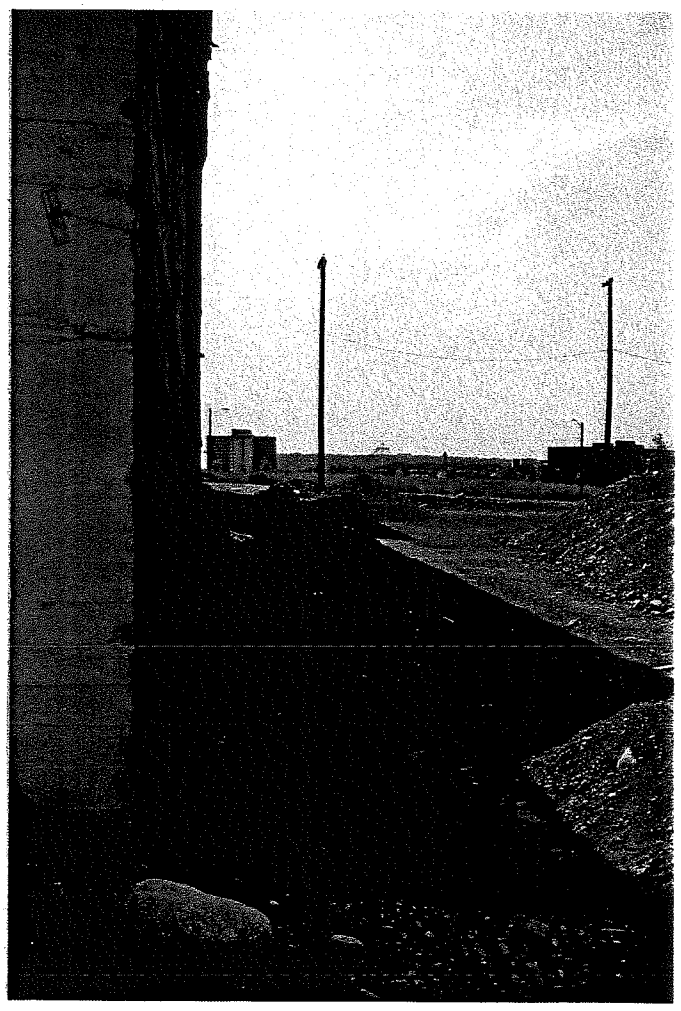

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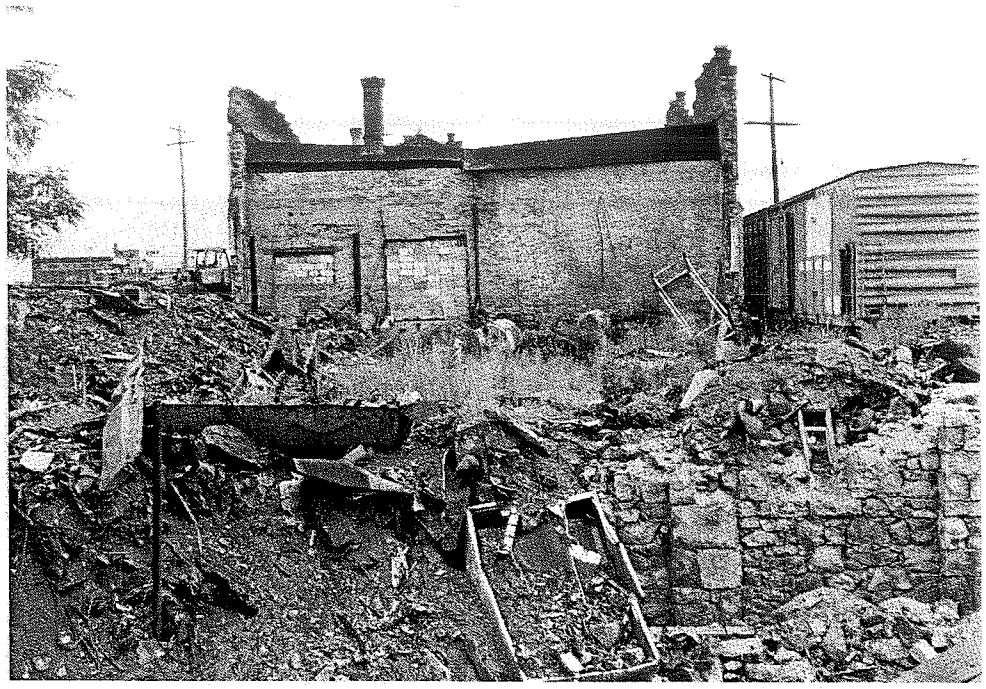

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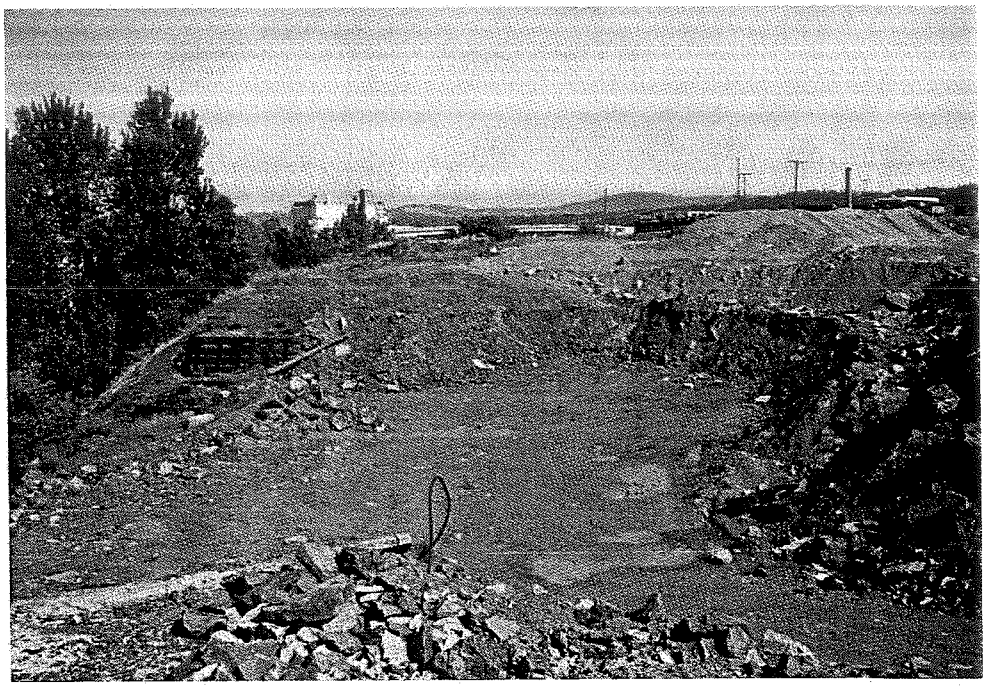
AFTER - JUNE 1992



BRIAN WHITFIELD

8609 N.E. 14th STREET, BELLEVUE, WA 98004, (206) 453-9785

RECEIVED
AUG - 6 1992

August 4, 1992

Ms. Patti Y. Carter
Environmental Geologist
Department of Ecology
N. 4601 Monroe, Suite 100
Spokane, WA 99205

Dear Ms. Carter:

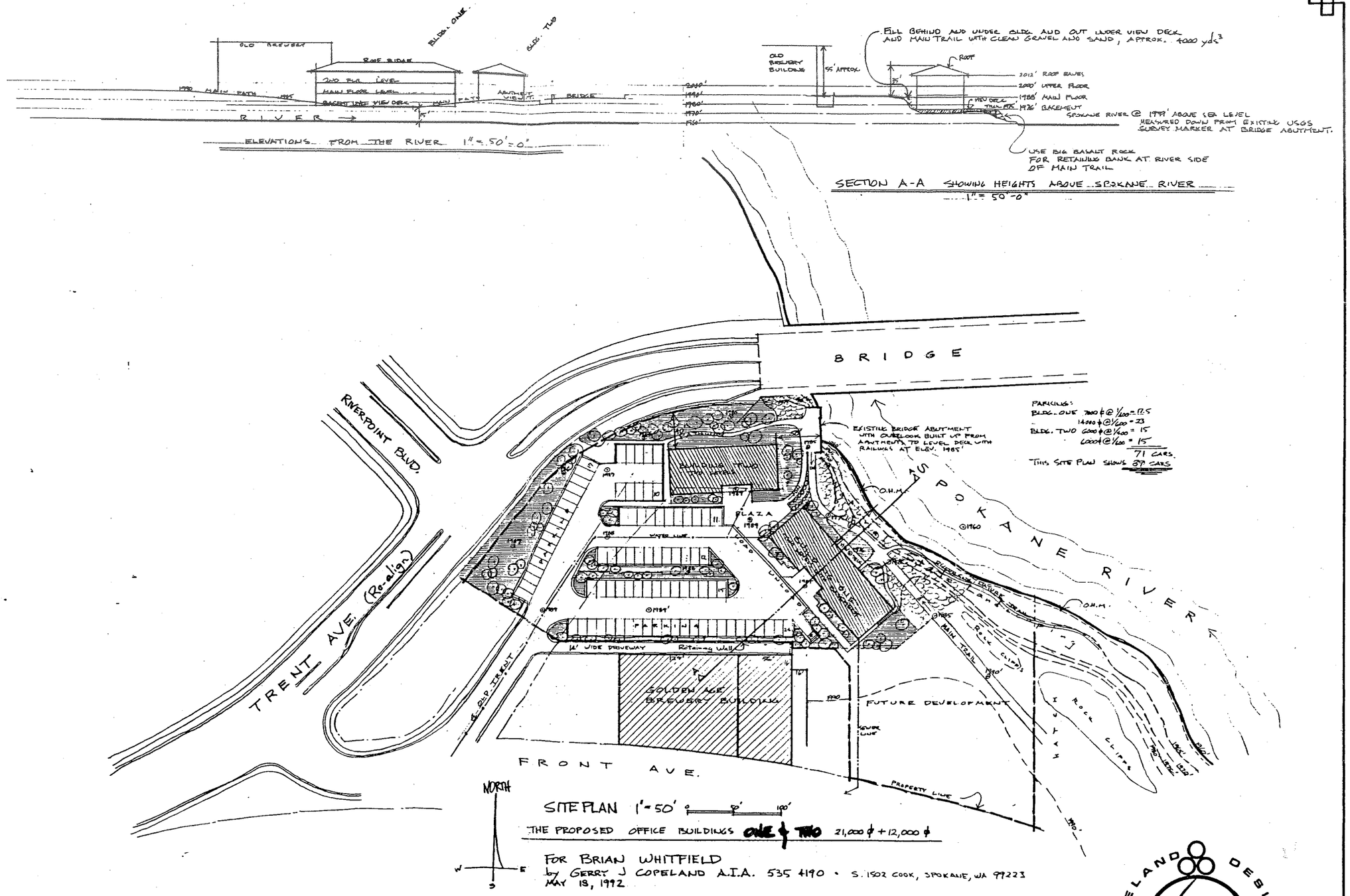
Re: Inland Metals Site

Further to our meeting on the site on July 28, 1992, it would be appreciated if you could do what is necessary as soon as possible to bring this matter to a conclusion. As I mentioned, I did not realize what I was getting into when I got involved with this property in 1985. I have lived with it for seven years, and I really want to get the problems behind me and get on with turning it into a money making entity instead of a cash drain.

For your information, I have enclosed a copy of my proposed building project currently in the approval process with the City of Spokane. This will confirm that the property will be used for commercial purposes.

Yours very truly,

Brian Whitfield.



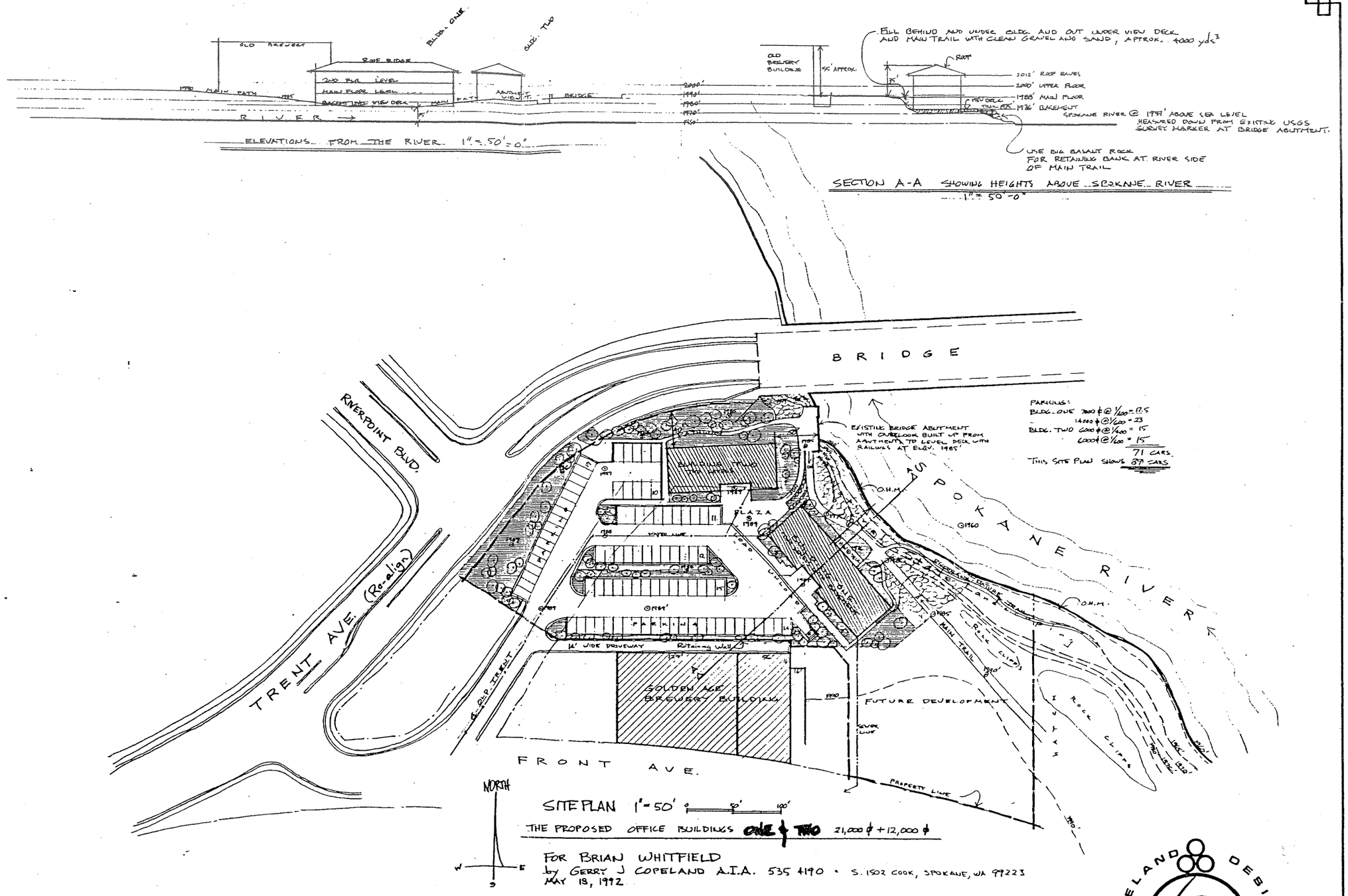
sheet

COPELAND DESIGN CONSTRUCTION

S. 1502 COOK SPOKANE, WA. 99223
509 535 4190

GERRY COPELAND - ARCHITECT

STANDARD BLUEPRINT 14087



sheet

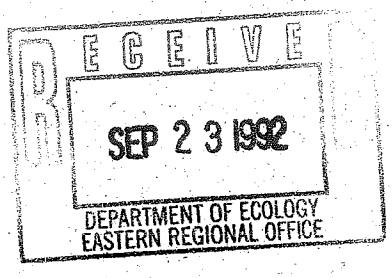
GERRY COPELAND - ARCHITECT

COPELAND DESIGN CONSTRUCTION

S. 1502 COOK SPOKANE, WA. 99223
509 535 4190

BRIAN WHITFIELD
8609 N.E. 14th STREET, BELLEVUE, WA 98004, (206) 453-9785

Sept. 20, 1992



Ms. Patti Y. Carter
Environmental Geologist
Department of Ecology
N. 4601 Monroe, Suite 100
Spokane, WA 99205

Dear Patti,

Re Inland Metals Site

Please find enclosed a copy of a report prepared by George Maddox concerning test results of soil samples taken from two adjacent parcels of land. It is my intention to purchase both parcels and consolidate them with the Inland Metals land to make one large building site. One is the Burlington Northern Railroad land, immediately to the north, and the other is City of Spokane land to the west.

The test reports indicate PCB's under 1.0 ppm and TCLP metals well under limits. The one concern is the presence of heavy oil, with the highest level being 400 ppm.

To provide for evaporation of this oil, a loader was used to scrape the surface. It was found that the depth of oil was only about four inches and immediately under was clean undisturbed soil.

Yours truly,

Brian Whitfield

GEORGE MADDOX & ASSOCIATES, INC.

CONSULTING ENGINEERS & GEOLOGISTS

East 223 Augusta, Spokane, Washington 99207 • (509) 326-4335

July 29, 1992

Mr. Brian Whitfield
8609 N.E. - 14th Ave.
Bellevue, Washington 98004

Project No: 91-55403

Re: Results of Environmental Audit of land parcels 1 & 3, Spokane, Washington.

Dear Mr. Whitfield:

On June 25, 1992 soil samples were obtained from two parcels of property located in Spokane, Washington and identified as 1 and 3, on the accompanying map (fig. 1). Land parcel 2 shown on Figure 1 had previously been examined and after clean-up was found by this firm to be clear of contaminants above clean-up threshold levels. The location of each soil sample taken on land parcels #1 and #3 is also shown on Figure 1. The soil samples were submitted to North Creek Analytical, a laboratory in Bothell, Washington, for analysis to determine the amount of heavy oil, gasoline, diesel, polychlorinated biphenyls (PCB's), and eight heavy metals extracted from the soil by the TCLP Method. The results of the analysis are included as Appendix A.

Summary of Sample Results

The results shown in Appendix A indicate that all samples are free from gasoline, diesel and heavy metals extracted by the TCLP Method. However, the results do show that heavy oil exceeds the clean-up level of 200 ppm, established by the Washington State Department of Ecology (WDOE) in three soil samples as follows:

Method WTPH - 418.1 (Heavy oil) - Clean-up Levels are 200 ppm

Sample #	Level (ppm)
1A	400
1B	250
3	400

also: PCBs Clean
1a 0.64
1b 0.5
1c 0.6
3 ND

Clean-up Strategies

The Model Toxic Control Act (MTCA) under which the WDOE at RCW 70.105D and Chapter 173-340 WAC established action clean-up levels does provide for flexibility in that at WAC 173-340-360(9c) the regulation states as follows:

> "Ecology recognizes the need to use engineering controls, such as containment for sites or portions of sites that contain large volume of material with relatively low levels of hazardous substances where treatment is impractical."

Under this authority, WDOE has lowered the limit of PCB mandatory clean-up levels from 1 ppm to 10 ppm where the property meets the following criterion.

1. Is intended for industrial use.
2. There is no threat to ground or surface water supplies.
3. There is no threat to the rights of an individual to a healthful environment and the protection of the availability of resources for future generations.

The hard limit for heavy oils under the above three conditions has not yet been established as has been done for PCB's. It appears highly probable that if information on the level of heavy oil on the two sites is pointed out to the WDOE and a plea made that the site meets all of the three above criterion it is possible that WDOE will waive the stringent clean-up requirements for heavy oil of the MTCA for the two parcels of land.

Based on the above laboratory analysis and conditions of the property as well as information appearing in Appendix A, it is the opinion of this firm that no further action will be required for WDOE approval for continued building and development of the site as industrial property.

If you have any questions please contact me.

Very truly yours,

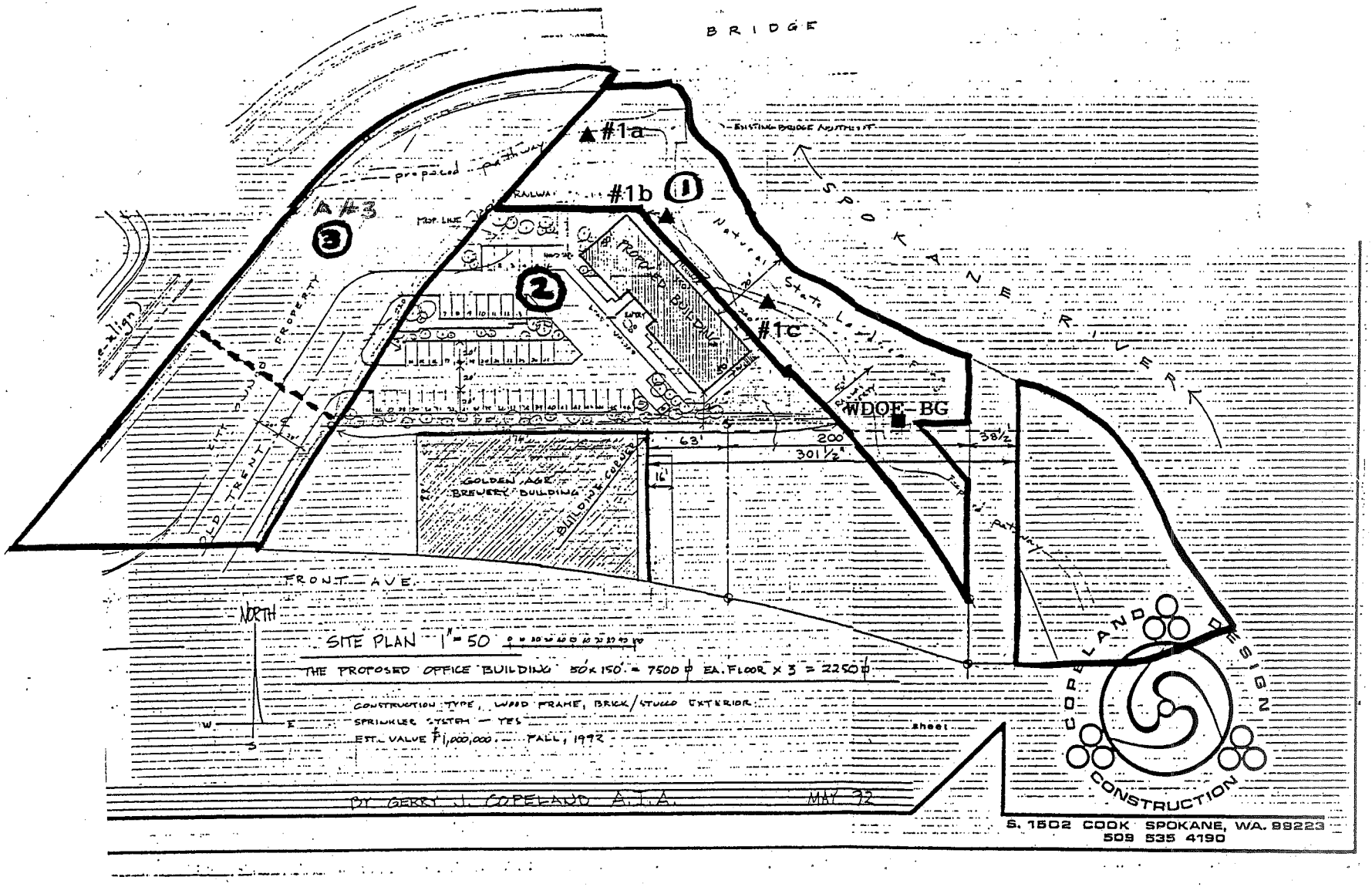
GEORGE E. MADDOX
STATE OF WASHINGTON
10677
REGISTERED
PROFESSIONAL ENGINEER

Dr. George E. Maddox, P.E.
President

9/11/92

GEM/gs
Enclosures

EXPIRES 10/4/92



July 1992

Figure 1 - Map showing the location of land parcels 1, 2, and 3, and the location of soil samples on each parcel.

APPENDIX A

NORTH CREEK ANALYTICAL

18939 120th Avenue N.E., Suite 101 • Bothell, WA 98011-2569
Phone (206) 481-9200 • FAX (206) 485-2992

George Maddox & Associates	Client Project ID:	Brian Whitefield		
E. 223 Augusta	Matrix:	Soil		
Spokane, WA. 99207	Analysis for:	Total Solids	Received:	Jun 30, 1992
Attention: George Maddox	First Sample #:	206-1694	Reported:	Jul 15, 1992

LABORATORY ANALYSIS FOR: Total Solids

Sample Number	Sample Description	Sample Result %
206-1694	#1A	98
206-1695	#1B	99
206-1696	#1C	99
206-1698	#3	99

North Creek Analytical routinely provides analytical results for soils, sediments or sludges on a WET WEIGHT "as received" basis.
To attain dry weight equivalents for regulatory compliance, divide the soil result by the decimal fraction of percent solids.
The results in this report apply only to the samples analyzed, as indicated on the custody document.
This analytical report is to be reproduced only in its entirety.

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

NORTH CREEK ANALYTICAL

18939 120th Avenue N.E., Suite 101 • Bothell, WA 98011-2569
Phone (206) 481-9200 • FAX (206) 485-2992

George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Matrix Descript:	Soil	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	Qualitative GC-FID	Extracted:	Jul 6, 1992
Attention: George Maddox	First Sample #:	206-1694	Analyzed:	Jul 8, 1992
			Reported:	Jul 10, 1992

HYDROCARBON IDENTIFICATION (WTPH-HCID)

Sample Number	Sample Description	HCID as Gasoline nC7 - nC12 mg/kg (ppm)	GRO Surrogate Recovery %	HCID as Diesel nC12 - nC24 mg/kg (ppm)	DRO Surrogate Recovery %	HCID Heavy Oil >nC24 mg/kg (ppm)
206-1694	#1A	<20	92	<50	92	Present
206-1695	#1B	<20	89	<50	91	Present
206-1696	#1C	<20	75	<50	88	Present
206-1698	#3	<20	87	<50	88	Present
BLK070692	Method Blank	<20	88	<50	93	<100

WTPH-HCID is a qualitative screen to determine the presence and the type of petroleum products that exist at a site.
It is intended to be performed on representative soils from a site when the type of petroleum hydrocarbon contamination is unknown.
When the analytical results for gasoline range organics, diesel range organics or heavy oils are shown as "Present", thereby exceeding the reporting limits, the specific quantitation method must be employed.

NORTH CREEK ANALYTICAL inc

Scot Cocanour
Laboratory Director

NORTH CREEK ANALYTICAL

18939 120th Avenue N.E., Suite 101 • Bothell, WA 98011-2569
Phone (206) 481-9200 • FAX (206) 485-2992

George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Matrix Descript:	Soil	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 418.1 Modified (I.R. w/clean-up)	Extracted:	Jul 6, 1992
Attention: George Maddox	First Sample #:	206-1694	Analyzed:	Jul 6, 1992
			Reported:	Jul 10, 1992

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (WTPH-418.1)

Sample Number	Sample Description	Petroleum Oil mg/kg (ppm)
206-1694	#1A	400
206-1695	#1B	250
206-1696	#1C	150
206-1698	#3	400
BLK070692	Method Blank	N.D.

Detection Limits:	**10**

Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Sample Descript:	Soil, #1A	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 8080	Extracted:	Jul 10, 1992
Attention: George Maddox	Sample Number:	206-1694	Analyzed:	Jul 13, 1992
			Reported:	Jul 16, 1992

POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
PCB 1016	0.050	N.D.
PCB 1221	0.050	N.D.
PCB 1232	0.050	N.D.
PCB 1242	0.050	N.D.
PCB 1248	0.050	N.D.
PCB 1254	0.050	0.64
PCB 1260	0.050	N.D.

Tetrachloro-m-xylene Surrogate Recovery, %: 52
Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Sample Descript:	Soil, #1B	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 8080	Extracted:	Jul 10, 1992
Attention: George Maddox	Sample Number:	206-1695	Analyzed:	Jul 14, 1992
			Reported:	Jul 16, 1992

POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
PCB 1016	0.050	N.D.
PCB 1221	0.050	N.D.
PCB 1232	0.050	N.D.
PCB 1242	0.050	N.D.
PCB 1248	0.050	N.D.
PCB 1254	0.050	0.50
PCB 1260	0.050	N.D.

Tetrachloro-m-xylene Surrogate Recovery, %: 51
Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Sample Descript:	Soil, #1C	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 8080	Extracted:	Jul 10, 1992
Attention: George Maddox	Sample Number:	206-1696	Analyzed:	Jul 14, 1992
			Reported:	Jul 16, 1992

POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
PCB 1016	0.050	N.D.
PCB 1221	0.050	N.D.
PCB 1232	0.050	N.D.
PCB 1242	0.050	N.D.
PCB 1248	0.050	N.D.
PCB 1254	0.050	0.60
PCB 1260	0.050	N.D.

Tetrachloro-m-xylene Surrogate Recovery, %: 55
Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Sample Descript:	Soil, #3	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 8080	Extracted:	Jul 10, 1992
Attention: George Maddox	Sample Number:	206-1698	Analyzed:	Jul 13, 1992
			Reported:	Jul 16, 1992

POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
PCB 1016	0.050	N.D.
PCB 1221	0.050	N.D.
PCB 1232	0.050	N.D.
PCB 1242	0.050	N.D.
PCB 1248	0.050	N.D.
PCB 1254	0.050	N.D.
PCB 1260	0.050	N.D.

Tetrachloro-m-xylene Surrogate Recovery, %: 56

Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield		
E. 223 Augusta	Sample Descript:	Method Blank		
Spokane, WA. 99207	Analysis Method:	EPA 8080	Extracted:	Jul 10, 1992
Attention: George Maddox	Sample Number:	BLK071092	Analyzed:	Jul 13, 1992
			Reported:	Jul 16, 1992

POLYCHLORINATED BIPHENYLS (EPA 8080)

Analyte	Detection Limit mg/kg (ppm)	Sample Results mg/kg (ppm)
PCB 1016	0.050	N.D.
PCB 1221	0.050	N.D.
PCB 1232	0.050	N.D.
PCB 1242	0.050	N.D.
PCB 1248	0.050	N.D.
PCB 1254	0.050	N.D.
PCB 1260	0.050	N.D.

Tetrachloro-m-xylene Surrogate Recovery, %: 77

Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Sample Descript:	#1A	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 1311/6010/7000	TCLP Ext:	Jul 9, 1992
Attention: George Maddox	Sample Number:	206-1694	Analyzed:	Jul 13, 1992
			Reported:	Jul 16, 1992

TCLP Extraction Metals

Analyte	Regulatory Level mg/L (ppm)	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	5.0	0.2	N.D.
Barium	100.0	0.05	0.80
Cadmium	1.0	0.01	0.028
Chromium	5.0	0.025	N.D.
Lead	5.0	0.10	0.47
Mercury	0.2	0.0010	N.D.
Selenium	1.0	0.15	N.D.
Silver	5.0	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Sample Descript:	#1B	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 1311/6010/7000	TCLP Ext:	Jul 9, 1992
Attention: George Maddox	Sample Number:	206-1695	Analyzed:	Jul 13, 1992
			Reported:	Jul 16, 1992

TCLP Extraction Metals

Analyte	Regulatory Level mg/L (ppm)	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	5.0	0.2	N.D.
Barium	100.0	0.05	0.91
Cadmium	1.0	0.01	0.026
Chromium	5.0	0.025	N.D.
Lead	5.0	0.10	0.17
Mercury	0.2	0.0010	N.D.
Selenium	1.0	0.15	N.D.
Silver	5.0	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Sample Descript:	#1C	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 1311/6010/7000	TCLP Ext:	Jul 9, 1992
Attention: George Maddox	Sample Number:	206-1696	Analyzed:	Jul 13, 1992
			Reported:	Jul 16, 1992

TCLP Extraction Metals

Analyte	Regulatory Level mg/L (ppm)	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	5.0	0.2	N.D.
Barium	100.0	0.05	1.3
Cadmium	1.0	0.01	0.034
Chromium	5.0	0.025	N.D.
Lead	5.0	0.10	0.76
Mercury	0.2	0.0010	N.D.
Selenium	1.0	0.15	N.D.
Silver	5.0	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield	Sampled:	Jun 25, 1992
E. 223 Augusta	Sample Descript:	#3	Received:	Jun 30, 1992
Spokane, WA. 99207	Analysis Method:	EPA 1311/6010/7000	TCLP Ext:	Jul 9, 1992
Attention: George Maddox	Sample Number:	206-1698	Analyzed:	Jul 13, 1992
			Reported:	Jul 16, 1992

TCLP Extraction Metals

Analyte	Regulatory Level mg/L (ppm)	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	5.0	0.2	N.D.
Barium	100.0	0.05	1.2
Cadmium	1.0	0.01	N.D.
Chromium	5.0	0.025	N.D.
Lead	5.0	0.10	0.75
Mercury	0.2	0.0010	N.D.
Selenium	1.0	0.15	N.D.
Silver	5.0	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID:	Brian Whitefield		
E. 223 Augusta	Sample Descript:	Method Blank		
Spokane, WA. 99207	Analysis Method:	EPA 1311/6010/7000	TCLP Ext:	Jul 9, 1992
Attention: George Maddox	Sample Number:	BLK070992	Analyzed:	Jul 13, 1992
			Reported:	Jul 16, 1992

TCLP Extraction Metals

Analyte	Regulatory Level mg/L (ppm)	Detection Limit mg/L (ppm)	Sample Results mg/L (ppm)
Arsenic	5.0	0.2	N.D.
Barium	100.0	0.05	0.44
Cadmium	1.0	0.01	N.D.
Chromium	5.0	0.025	N.D.
Lead	5.0	0.10	N.D.
Mercury	0.2	0.0010	N.D.
Selenium	1.0	0.15	N.D.
Silver	5.0	0.050	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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George Maddox & Associates	Client Project ID: Brian Whitefield	Analyst : M. Bender
E. 223 Augusta	Method : EPA 8080	
Spokane, WA. 99207	Sample Matrix : Soil	Extracted: Jul 10, 1992
Attention: George Maddox	Units : µg/kg	Analyzed: Jul 14, 1992
	QC Sample #: BLK071092	Reported: Jul 16, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Lindane	Heptachlor	Aldrin
Sample Conc.:	N.D.	N.D.	N.D.
Spike Conc. Added:	8.3	8.3	8.3
Conc. Matrix Spike:	8.5	8.6	8.3
Matrix Spike % Recovery:	102	104	100
Conc. Matrix Spike Dup.:	8.9	9.0	8.7
Matrix Spike Duplicate % Recovery:	107	108	105
Relative % Difference:	4.0	4.0	5.0

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% Recovery:	$\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}}$	x 100
Relative % Difference:	$\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}}$	x 100

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George Maddox & Associates	Client Project ID: Brian Whitefield	Analyst: S. Kimball
E. 223 Augusta	EPA Method: 418.1 Modified	
Spokane, WA. 99207	Sample Matrix: Soil	Extracted: Jul 6, 1992
Attention: George Maddox	Units: mg/kg (ppm)	Analyzed: Jul 6, 1992
	QC Sample #: 207-0084	Reported: Jul 10, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Petroleum Oil
Sample Conc.:	N.D.
Spike Conc. Added:	500
Conc. Matrix Spike:	456
Matrix Spike % Recovery:	91
Conc. Matrix Spike Dup.:	485
Matrix Spike Duplicate % Recovery:	97
Upper Control Limit %:	115
Lower Control Limit %:	64
Relative % Difference:	4.2
Maximum RPD:	14

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% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

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Phone (206) 481-9200 • FAX (206) 485-2992

George Maddox & Associates
E. 223 Augusta
Spokane, WA. 99207
Attention: George Maddox

Client Project ID: Brian Whitefield
Method : EPA 1311/6010/7000
Sample Matrix : TCLP Extract for Metals
Units : mg/L (ppm)
QC Sample #: BLK070992

Analyst : D. Vandel
TCLP Ext.: Jul 9, 1992
Analyzed: Jul 13, 1992
Reported: Jul 16, 1992

QUALITY CONTROL DATA REPORT

Analyte	Sample Conc.	Spike Conc. Added	Conc. Matrix Spike	Matrix Spike % Recovery	Conc. Matrix Spike Duplicate	Matrix Spike Duplicate % Recovery	Relative % Difference
Arsenic	N.D.	1.0	0.84	84%	0.84	84%	0.0%
Barium	0.44	1.0	1.3	86%	1.3	86%	0.0%
Cadmium	N.D.	1.0	0.77	77%	0.77	77%	0.0%
Chromium	N.D.	1.0	0.78	78%	0.78	78%	0.0%
Lead	N.D.	1.0	0.76	76%	0.77	77%	1.3%
Mercury	N.D.	0.010	0.0090	90%	0.010	100%	10.5%
Selenium	N.D.	1.0	0.97	97%	0.89	89%	8.6%
Silver	N.D.	1.0	0.98	98%	0.99	99%	1.0%

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Laboratory Director

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

PF
BLN

Chain of Custody Record

PROJECT NAME: Brian Whitfield
PROJECT LOCATION: Spokane, WA
SITE NUMBER: #2 & #3

SAMPLED BY: G. Maddox DATE: 6/25/92

Sample Number	Date/Time Sampled	Type of Sample	# of Containers	Lab Sample #	Analyses Required	Comments
#1a	6/25/92 1630	Soil	1		418.1, PCB's, Heavy Metals	2061694
#1a,	6/25/92 1650	Soil	1		" " " " "	↓
#1b	6/25/92 1655	Soil	1		" " " " "	2061695
#1b,	6/25/92 1655	Soil	1		" " " " "	↓
#1c	6/25/92 1700	Soil	1		" " " " "	2061696
#1c,	6/25/92 1700	Soil	1		" " " " "	↓
#2a	6/25/92 1640	Soil	1		" " " " "	2061697
#2a,	6/25/92 1640	Soil	1		" " " " "	↓
#3	6/25/92-1620	Soil	1		" " " " "	2061698
#3a	6/25/92-1620	Soil	1		" " " " "	↓
#2b	6/25/92-1710	Soil	1		" " " " "	2061699
#2b,	6/25/92-1710	Soil	1		" " " " "	↓

Relinquished by: (Signature) NAME: Gary L. Maddox	Date: 6/29/92	Received by: (Signature) NAME: [illegible]	Date:
FIRM: George Maddox & Assoc.	Time: 1695	FIRM: NCA 06-30-92 10:30	Time:
Relinquished by: (Signature) NAME:	Date:	Received by: (Laboratory) NAME:	Date:
FIRM:	Time:	FIRM:	Time:
			FBI Client:

Additional Comments:

END

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

N. 4601 Monroe, Suite 100 • Spokane, Washington 99205-1295 • (509) 456-2926

October 15, 1992

TO: Flora Goldstein

THROUGH: Sherman Spencer

FROM: Patti Carter PC

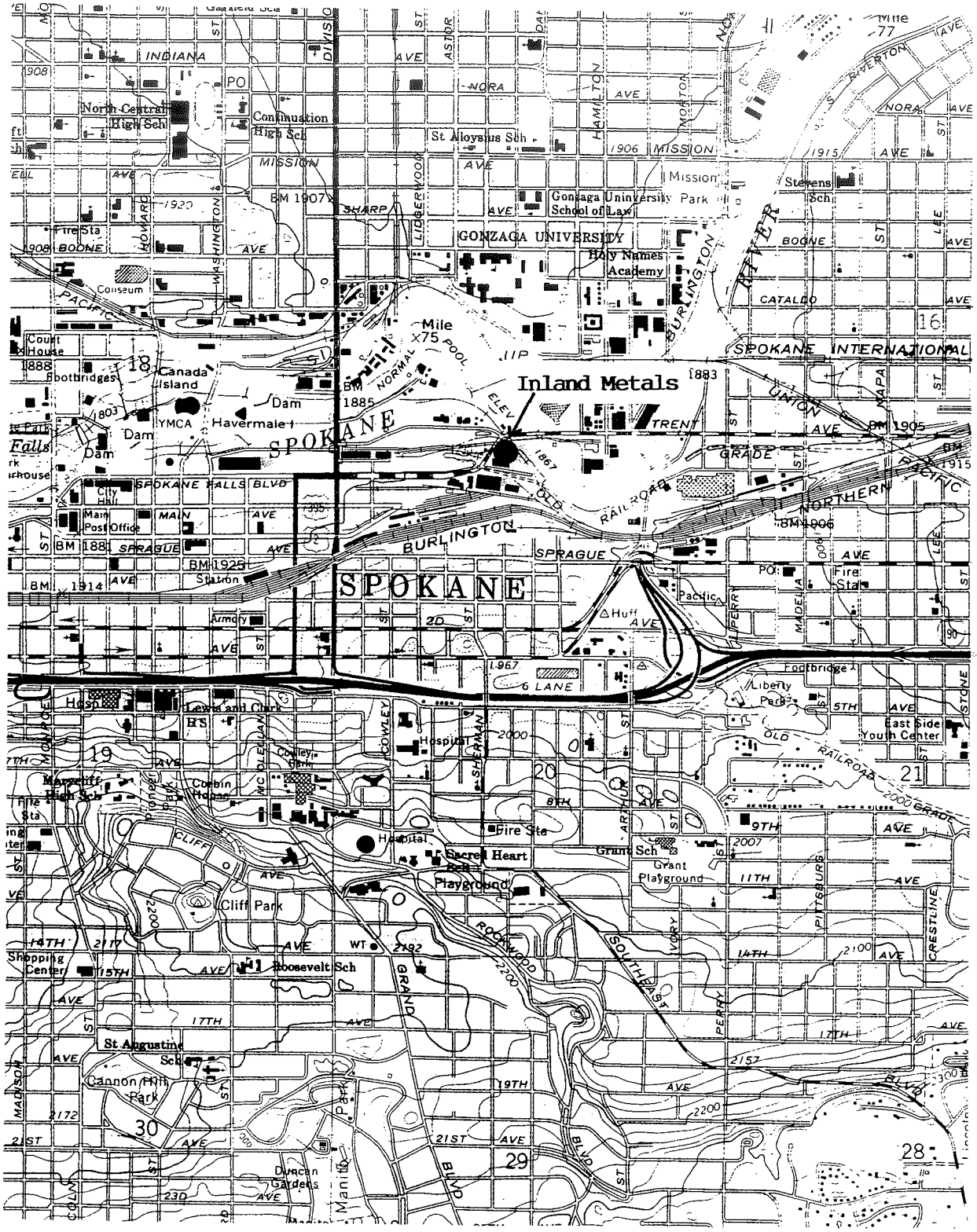
SUBJECT: Removal of Inland Metals site from the MTCA Hazardous Sites List

Recommendation

The owner of the Inland Metals site has petitioned for removal of the site from the Model Toxics Control Act (MTCA) Hazardous Sites List. The site is a former scrap metal salvaging operation. In 1985, soil sample results confirmed the presence of polychlorinated biphenyls (PCBs) in the soil. Lead was detected in the soil in 1990. After removal of contaminated soil and several sampling events, all PCB and Toxicity Characteristic Leaching Procedure (TCLP) lead results are well below cleanup or dangerous waste levels. Two samples are above residential levels for total lead but are well below industrial levels. A cleanup level of 500 parts per million (ppm) was established for lead on a site located across the street from the Inland Metals property. Based on the considerations that the area is commercial/industrial, lead levels are below the 500 ppm lead level set for a nearby site, and the PCB levels are <1 ppm, I recommend that the Inland Metals site be removed from the Hazardous Sites List. A restrictive covenant to prohibit use of the site for residential development should be applied to the property since the concentrations of lead in the soil exceed residential cleanup levels.

Site Description

The Inland Metals site is located at 534 East Trent Avenue in a commercial/industrial area of Spokane (Figure 1). The site is adjacent to the Spokane River and covers approximately 74,000 square feet. The Inland Metals building was demolished in 1991, but part of the foundation remains. All solid waste material has been removed and most of the excavated areas have been filled with clean gravel. The surface topography is relatively flat, although the property slopes steeply toward the Spokane River on the northeastern portion. The owner is proposing to build a commercial office building on the site in the near future.


Inland Metals
SPOKANE
SPOKANE INTERNATIONAL
GONZAGA UNIVERSITY
Holy Names Academy
Gonzaga University School of Law
Mission Park
Stevens Sch
North Central High Sch
Continuation High Sch
St Aloysius Sch
Coliseum
Court House
Canada Island
Dam
YMCA
Havermale I
Falls
Mile X75 POOL
BM 1885
BM 1905
BM 1906
BM 1914
BM 1915
BM 1925
BM 1907
Fire Sta
City Hall
Main Post Office
Armory
Station
Pacific
Huff
Hosp
Lewis and Clark HS
Hospital
Cowley Park
Manito Park
Cliff Park
Sacred Heart Sch
Playground
Grant Sch
Grant Playground
Liberty Park
East Side Youth Center
Footbridge
Roosevelt Sch
St Augustine Sch
Cannon Hill Park
Duncan Gardens
Shopping Center
Mayerliff High Sch
Corbin House
Fire Sta
6 LANE
BURLINGTON
NORTHERN
SPRAGUE
MAIN
BOONE
MISSION
NORA
SHARP
INDIANA
RIVERTON
CATALDO
TRENT
GRADE
RAILROAD
UNION
NAPA
HOWARD
WASHINGTON
DIVISION
ASTOR
HAMILTON
MORTON
LIGGERWOOD
NORMAL
ELEV
MONROE
POST
HOWARD
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COWLEY
SHERMAN
ARTHUR
GRAND
ROCKWOOD
SOUTHEAST
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PITTSBURG
CRESTLINE
MADISON
COLVILLE
MADELIA
LIBERTY
STONE
LEE
PACIFIC
SPOKANE FALLS BLVD
BLVD
PKWY
1967
1883
1867
1803
1888
1908
1920
1906
1915
1925
1914
1907
1885
1905
1906
1915
1888
1803
1867
1883
2000
2200
2100
2007
2157
2192
2172
2117
2000

Site History

The Schade Brewery was established on the property in 1903. In the 1950's part of the property was bought by Inland Metals, Inc., for a scrap metal business. This business operated until 1986. Due to allegations that transformers had been dismantled on the site, the owner hired George Maddox and Associates to conduct a sampling program in 1985. Soil samples were collected from five locations and were analyzed for polychlorinated biphenyls (PCBs) (Figure 2). Test results confirmed the presence of PCBs in the soil, ranging from <1 to 23 ppm (Table 1). The sample with the highest concentration of total PCBs, 23 ppm, came from a small dry drainage pathway that runs into Spokane River.

Table 1. Soil sample results - November, 1985

	PCB levels		
Sample No.	Aroclor 1254 (ppm)	Aroclor 1260 (ppm)	Total
1	6	5	11
2	12	11	23
3	7	5	12
4	<1	<1	<1
5	2	<1	2

The cleanup levels for total PCB mixtures in soils are 1.0 ppm (residential) and 10.0 ppm (industrial).

In August, 1986, Brian Whitfield became the owner of the property by foreclosure action. At this time, Ecology was informed of the presence of PCB contaminated soil on the property.

Cleanup of the site began in 1987 by the present owner, Brian Whitfield. The initial cleanup consisted of removal of surface scrap metal, concrete, broken brick, broken glass, car bodies, some oil stained soil, and ash from burned car bodies. In mid 1987, after approximately 1,490 cubic yards of debris was removed from the area adjacent to the river, two soil samples were collected in the drainage area in the vicinity of the 1985 sample locations due to concern over the previous levels of PCBs. Results indicated PCBs at <1 and 5 ppm. In 1989, the remaining metal and debris was removed from the site.

A Preliminary Assessment was conducted by Ecology for the U.S. Environmental Protection Agency (EPA) in June, 1990, to identify potential public health and/or environmental hazards related to the site and to evaluate the need for additional action. Due to the presence of

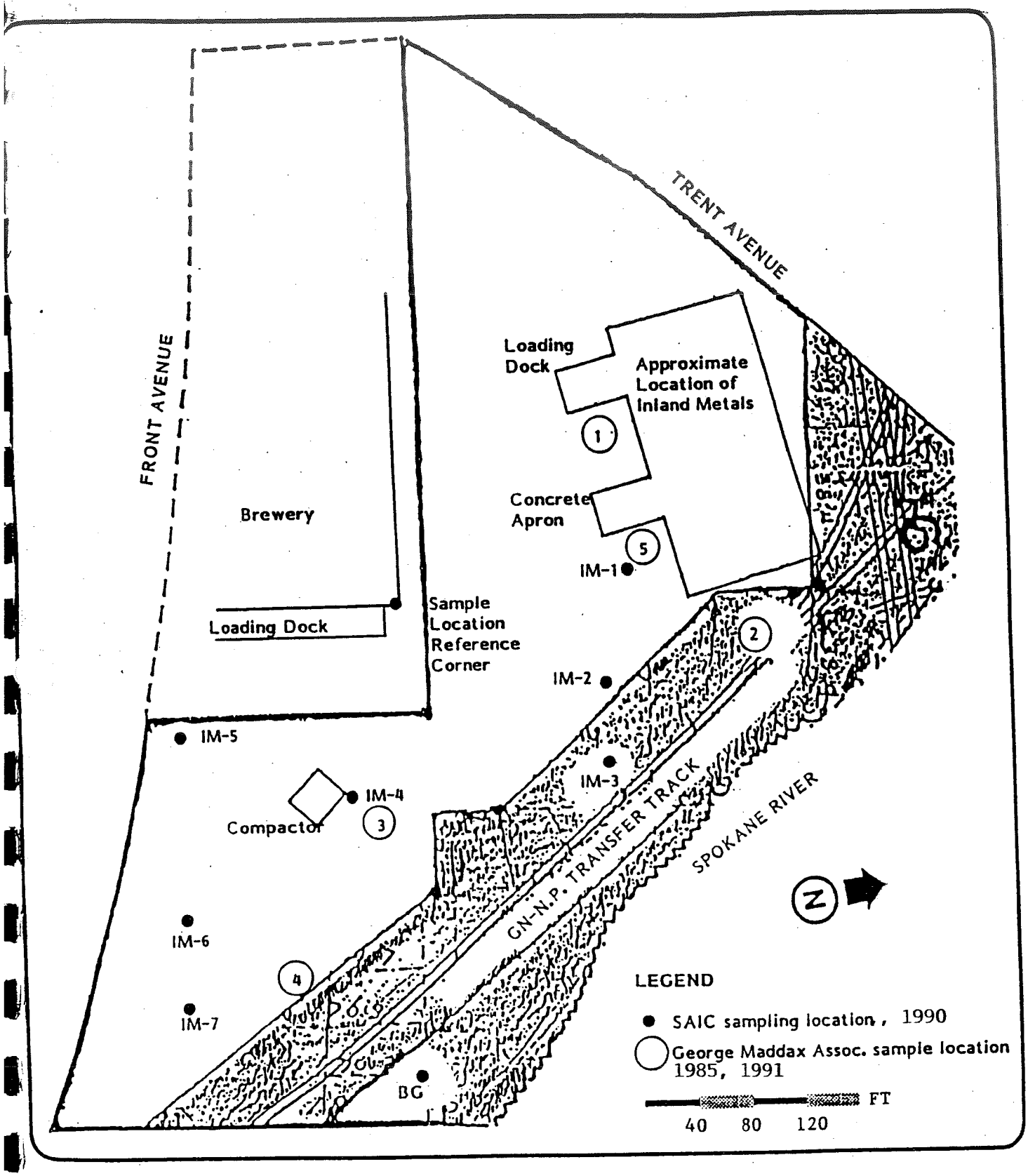


Figure 2
Sample locations - Inland Metals.

PCBs and location over a sole source aquifer, it was recommended that an EPA Screening Site Inspection be conducted.

Sample Results

In October, 1990, a Site Hazard Assessment was conducted by Ecology, as required by the Model Toxics Control Act (MTCA). Ecology's contractor, SAIC, collected 7 surface soil samples and 3 samples at a depth of 5 - 6 feet at sample locations 1, 2, and 3 (Figure 2). Samples were analyzed for PCBs and Toxicity Characteristic Leaching Procedure (TCLP) metals (arsenic, cadmium, chromium, nickel, and lead) (Table 2).

Table 2. Soil samples results - October, 1990.

Sample No.	PCB levels Aroclor 1254 (ppm)
IM-1-1	0.19 (estimate)
IM-1-2	0.34
IM-2-1	6.4
IM-2-2	1.3
IM-3-1	0.21 (estimate)
IM-3-2	0.31
IM-4-1	2.4
IM-5-1	1.3
IM-6-1	0.43
IM-7-1	1.1

Sample IM-5-1 also contained 5.0 ppm lead; all other metal results were below TCLP levels. The Site Hazard Assessment process resulted in a ranking of 2 using the Washington Ranking Method, primarily due to the toxicity of the substances present, the proximity of the Spokane River, and location over a sole source aquifer.

In December, 1990, three underground storage tanks (one diesel, two gasoline) were removed from the property. Four soil samples were collected and analyzed for Total Petroleum Hydrocarbons (TPH). Results ranged from 17 to 30 ppm, well below cleanup levels of 100 ppm for TPH (gasoline) and 200 ppm for TPH (diesel).

In 1991, the building used by Inland Metals was demolished. The brewery building still remains on the adjacent parcel of land. In August, 1991, the owner of Inland Metals hired George Maddox and Associates to resample the site and conduct cleanup activities. Five soil samples were collected in the approximate location of samples collected in 1985 (Figure 2) and analyzed for PCBs, arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver (Table 3).

Table 3. Soil sample results - August, 1991.

Sample No.	PCB levels Aroclor 1242/54/68 (ppm)	Aroclor 1254 (ppm)
1A	7.0	-
2A	-	0.4
3A	-	0.6
4A	-	1.4
5A	-	0.8

1st Event In Situ

Sample 1A also contained 364 ppm lead. All other metal analyses were below detection limits or less than cleanup levels. Cleanup levels for lead in soils are 250 ppm (residential) and 1000 ppm (industrial). Addition soil was removed from the areas with lead concentrations greater that 250 ppm and PCB concentrations greater than 1 ppm. These sites were resampled in October, 1991 (Table 4).

Table 4. Soil sample results - October, 1991.

2nd Event In Situ

Sample No.	PCB levels Aroclor 1254/68 (ppm)	Aroclor 1254 (ppm)
1AR	1.18	-
3AR	ND	ND
4AR	ND	0.3

All metal values were below detection limits. Additional soil was removed in the area of sample 1AR. The site was resampled and test results were below detection limits for metals and PCBs.

3rd Event @ 1AR Sample Point

Based on these results, in July 1992, Mr. Whitfield petitioned the Department of Ecology for removal of the Inland Metals site from the Hazardous Sites List. Five composite soil samples (including one duplicate) were taken by Ecology personnel in August 1992 to confirm previous test results (Figure 3). Samples were analyzed for PCBs, total lead, and TCLP lead (Table 5).

Table 5. Soil samples results - August, 1992.

Sample Number	Composites Total lead (ppm)	TCLP lead (ppm)	PCBs (ppm)
S1	282	0.170	0.34
S2	331	0.366	0.13
S3	157	0.048	0.41
S4	240	0.034	0.063
S5*	210	0.039	0.063

* duplicate of S4

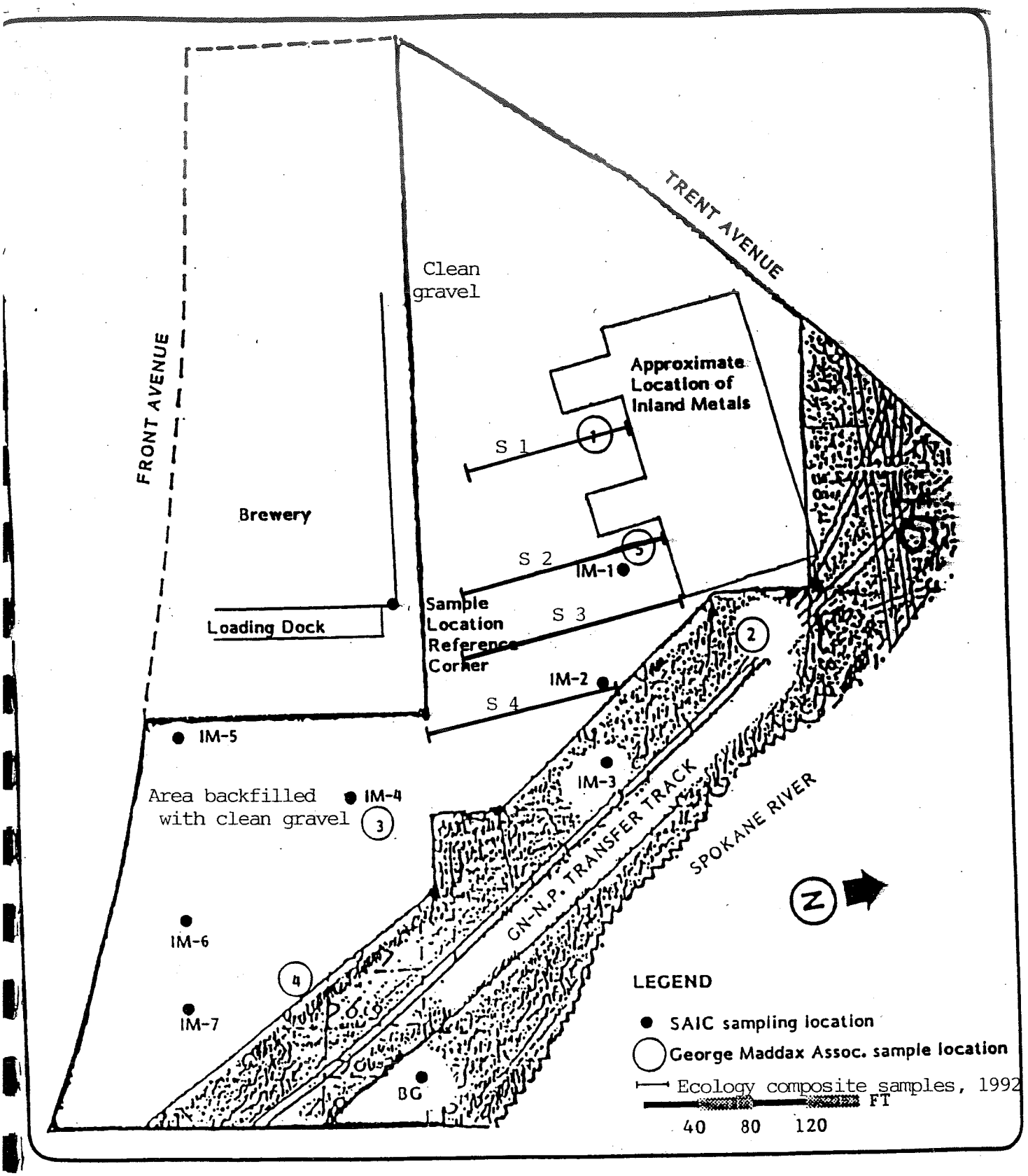


Figure 3
Sample locations - Inland Metals.

Cleanup levels for total lead, TCLP lead and PCB mixtures are as follows:

	Total lead (ppm)	TCLP lead (ppm)	PCBs (ppm)
Residential	250	5.0	1.0
Industrial	1000	5.0	10.0

Summary

All PCB and TCLP lead results are well below cleanup or dangerous waste levels. Two samples are above residential levels for total lead but are well below industrial levels. A cleanup level of 500 ppm was established for lead on a site located across the street from the Inland Metals property. Based on the considerations that the area is commercial/industrial, lead levels are below the 500 ppm lead level set for a nearby site, and the PCB levels are <1 ppm, I recommend that the Inland Metals site be removed for the Hazardous Sites List. Since the concentrations of lead in the soil exceed residential cleanup levels, a restrictive covenant to prohibit use of the site for residential development should be placed on the property.

Residential 250 ppm

References

George E. Maddox & Associates, Inc., PCB Contamination at Inland Metals Plant, January 13, 1986.

Rogowski, Barry R., and Marti, Pamela B., Washington State Department of Ecology Preliminary Assessment Report, Inland Metals, Spokane, WA, June 1990.

SAIC, Inland Metals Site Hazard Assessment, October, 1990.

George E. Maddox & Associates, Inc., Inland Metals Site - Environmental Clean-up, January 2, 1992.

Whitfield, Brian, Inland Metals Site - petition for removal from Hazardous Sites List, July 12, 1992.

Manchester Environmental Laboratory, Case Narrative, Polychlorinated biphenyls laboratory results - Inland Metals, September 8, 1992.

Manchester Environmental Laboratory, Metals Quality Assurance memo and laboratory results for the Inland Metals Project, September 15, 1992.

DEPARTMENT OF ECOLOGY

N. 4601 Monroe, Suite 100 • Spokane, Washington 99205-1295 • (509) 456-2926

October 23, 1992

Mr. Brian Whitfield
8609 N.E. 14th Street
Bellevue, WA 98004

Dear Mr. Whitfield:

The Washington State Department of Ecology (Ecology) has evaluated your formal request for the removal of the Inland Metals site from the Model Toxics Control Act (MTCA) Hazardous Sites List. This letter is in response to your request.

In our consideration of your petition, Toxics Cleanup Program (TCP) staff reviewed past reports investigating the extent and nature of contamination at the site and the final environmental cleanup report submitted by your consultant. In addition, TCP staff conducted confirmation sampling in August 1992 to verify the results of the cleanup activities. The sampling event consisted of taking five composite soil samples (including one duplicate) across the site. Samples were analyzed for the contaminants of concern at the site: polychlorinated biphenyls (PCBs), total lead, and Toxicity Characteristic Leaching Procedure (TCLP)lead.

Results of the confirmation sampling indicate that concentrations of PCBs in the soil at the site are well below the cleanup level of 1.0 mg/kg. TCLP lead results were well below state designated Dangerous Waste levels. Two samples exceeded the cleanup level for total lead of 250 mg/kg (282 mg/kg and 331 mg/kg). MTCA soil cleanup levels are based on the maximum exposure scenario which has been determined to be residential site use. There is the ability to exceed the residential cleanup levels when it can be clearly demonstrated that the site will not be used for residential purposes (WAC 173-340-740). Ecology has also determined that the levels of lead in the soil do not pose a threat to human health and the environment as long as the property is not used for residential purposes.

Based on review of the submitted information and analytical results of our confirmation sampling, Ecology will be proposing that the Inland Metals site be removed from the Hazardous Sites List. Final removal from the list can only occur after a 30-day public comment period and publication in TCP's Site Register.

Ecology will be requiring that a restrictive covenant be placed on the property and recorded with Spokane County register of deeds which prohibits the property for residential development. In addition, Ecology will be seeking payment of costs incurred for review of the petition and the confirmation sampling, as per WAC 173-340-330(4).

I would personally like to commend your initiative and the time and resources you have spent in cleanup of the Inland Metals site. Certainly, the community as a whole will benefit by having the property put back into productive use.

If you have any questions, please feel free to call me or Patti Carter.

Sincerely,

Flora J. Goldstein
Section Manager
Toxics Cleanup Program

FJG:adw

cc: Patti Y. Carter, Ecology/Spokane

BRIAN WHITFIELD

8609 N.E. 14th STREET, BELLEVUE, WA 98004, (206) 453-978

RECEIVED
NOV - 2 1992
DEPARTMENT OF ECOLOGY
EASTERN REGIONAL OFFICE

October 28, 1992

Flora J Goldstein
Section Manager
Toxics Cleanup Program
Department of Ecology
N4601 Monroe, Suite 100
Spokane, WA 99205-1295

Dear Ms. Goldstein:

Thank you for your letter of October 23, 1992 concerning the proposed removal of the former Inland Metals site from the Hazardous Sites List. Needless to say, this is good news.

I have no problem with the requirement for a restrictive covenant prohibiting the use of the property for residential purposes. I plan to use the property as an office park to complement the SIRTI building presently under construction on the other side of Trent Avenue.

Please accept my thanks for the efficient and courteous manner in which I have been treated in my dealings with your department over the past few years.

I look forward to a final disposition of this matter.

Yours very truly,

Brian Whitfield

c.c. Patti Y. Carter.

WASHINGTON STATE DEPARTMENT OF ECOLOGY

INLAND METALS HAZARDOUS SITES LIST REMOVAL

The Washington State Department of Ecology (Ecology) is proposing to remove the Inland Metals site from the Model Toxics Control Act (MTCA) Hazardous Sites List. A final Independent Cleanup Report was submitted to Ecology in January, 1992. The recommendation for removal from the Hazardous Sites List is based on a review of reports investigating the extent and nature of contamination at the site, review of the Final Independent Cleanup Report, and results of confirmational samples collected by Ecology.

SITE BACKGROUND

The Inland Metals site is located at East 534 Trent Avenue in a commercial/industrial area of Spokane (see Figure 1). The site is adjacent to the Spokane River and covers approximately 74,000 square feet. The Schade Brewery was established on the property in 1903. In the 1950s, part of the property was bought by Inland Metals, Inc. for a scrap metal business. This business operated until 1986. Due to allegations that transformers had been dismantled on the site, the owner hired a consultant to conduct a sampling program in 1985. Five soil samples were collected and analyzed for polychlorinated biphenyls (PCBs). PCBs were used as coolants and lubricants in transformers, capacitors, and other electrical equipment because of their insulating and fire-resistant properties. The manufacture and use of PCBs was restricted in 1976 by the Federal Toxic Substance Control Act. Laboratory results of the soil samples collected in 1985 confirmed the presence of PCBs in the soil, ranging from less than 1 milligram per kilogram (mg/kg) to 23 mg/kg (see note below). The sample with the highest concentration of PCBs (23 mg/kg) came from a small dry drainage pathway that runs into the Spokane River. The MTCA cleanup levels for PCB mixtures are 1.0 mg/kg for soils in residential areas and 10.0 mg/kg for soils in industrial areas.

NOTE: One mg/kg is equivalent to one part per million concentration.

INDEPENDENT CLEANUP ACTION

In August, 1986, the property was obtained by the present owner through a foreclosure action. At this time, Ecology was informed of the presence of PCB contaminated soil on the property. Cleanup of the site began in 1987 by the present owner. The initial cleanup consisted of removal of surface scrap metal, concrete, broken brick, broken glass, car bodies, some oil stained soil, and ash from burned car bodies. Soil was excavated in the area adjacent to the river that had the previous high concentrations of PCBs. Two additional soil samples were then collected from the excavated area. Results indicated PCB levels at less than 1 and 5 mg/kg.

FACT SHEET-NOVEMBER 1992

REPOSITORIES:

Department of Ecology
Eastern Regional Office
N. 4601 Monroe, Suite 100
Spokane, WA 99205-1295

For more information, please call or write:

Ms. Patti Carter
Department of Ecology
Toxics Cleanup Program
N. 4601 Monroe, Suite 100
Spokane, WA 99205-1295
(509) 456-6167 or
1-800-458-0920

(withheld)

MAILING LIST:

If you are currently not on the Inland Metals mailing list and want to be, please call Dave Powell of Ecology toll free at 1-800-458-0920 or locally at (509) 456-4461.

PUBLIC COMMENT PERIOD ON HAZARDOUS SITES LIST REMOVAL:

November 13 through December 14, 1992.

Printed on recycled paper.

In October, 1990, a Site Hazard Assessment was conducted by Ecology, as required by MTCA. Ecology's contractor collected seven surface soil samples and three samples at a depth of five to six feet. Samples were analyzed for PCBs and Toxicity Characteristic Leaching Procedure (TCLP) metals (arsenic, cadmium, chromium, nickel, and lead). PCB levels ranged from 0.19 to 6.4 mg/kg. TCLP lead was also detected in one sample at 5 mg/kg. The state designated Dangerous Waste level for TCLP lead is 5 mg/kg. The Site Hazard Assessment process resulted in a ranking of 2, using the Washington Ranking Method. The hazard ranking is an estimation of the potential threat of a site to human health and the environment, relative to other Washington State sites. Sites are ranked from 1 to 5, with 1 being the highest relative risk and 5 the lowest. The Inland Metals site was placed on the Hazardous Sites List of ranked sites and published in the March 12, 1991, Site Register.

In August, 1991, the owner hired a consultant to collect additional soil samples and conduct cleanup activities. Five soil samples were collected in the approximate locations of samples collected in 1985 and analyzed for PCBs and metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). One soil sample contained PCBs and lead above cleanup levels. Additional soil was removed and the area resampled until PCBs and lead were no longer detected. Based on these results, the owner petitioned Ecology for removal of the Inland Metals site from the Hazardous Sites List.

Five composite samples were taken by Ecology personnel in August, 1992, to confirm previous test results. Samples were analyzed for PCBs, TCLP lead and total lead. All PCB results were below the cleanup level of 1.0 mg/kg. The TCLP lead results were below the state designated Dangerous Waste level of 5 mg/kg. Two samples exceeded the MTCA cleanup level of 250 mg/kg for total lead in soil in residential areas (282 and 331 mg/kg). Residential cleanup levels may be exceeded if it can be clearly demonstrated that the site will not be used for residential purposes and that there is not a threat to human health and the environment.

Based on review of the submitted information and analytical results of the confirmational sampling, Ecology is proposing that the Inland Metals site be removed from the Hazardous Sites List. Ecology will require that a restrictive covenant be placed on the property and be recorded with the Spokane County Register of Deeds which prohibits use of the property for residential development.

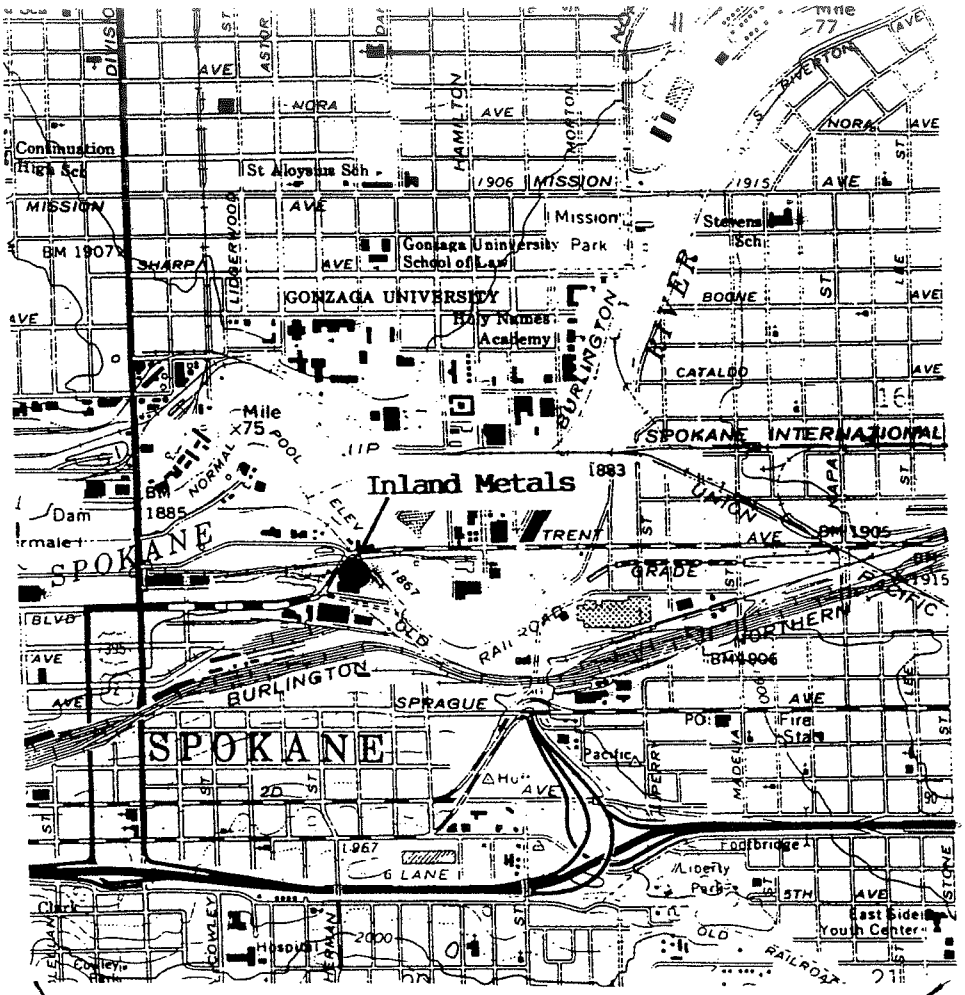
PUBLIC INVOLVEMENT OPPORTUNITY

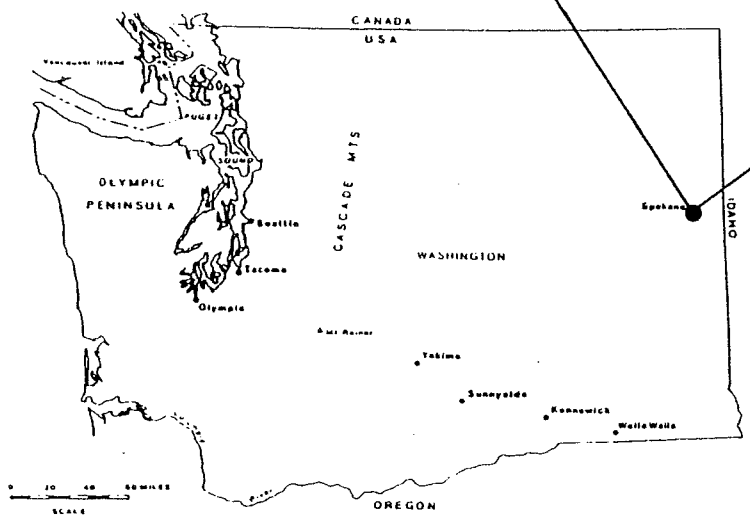
Copies of the Independent Cleanup Report and Ecology's analytical results are available for review at the repository listed on the front of this Fact Sheet. A 30-day period ending December 14, 1992, is provided for comment on the proposed removal of the Inland Metals site from the Hazardous Sites List. Comments will be accepted at any time during this period and should be addressed to:

Ms. Patti Carter
Department of Ecology
Toxics Cleanup Program
N. 4601 Monroe, Suite 100
Spokane, WA 99205-1295
(509) 456-6167

A Responsiveness Summary will be prepared to address significant public comments and will be available for public review at the repository.

INLAND METALS FIGURE 1





APPENDIX G

SLR
International Corp

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

March 31, 1995

Reply to
Attn of: HW-114

Brian Whitfield
8609 NE 14th Street
Bellevue, Washington 98004

Re: Inland Metals Site, Spokane, Washington

Dear Mr. Whitfield:

The U.S. Environmental Protection Agency (EPA), through its contractor, URS Consultants, Inc., has completed the Superfund Site Investigation of the former Inland Metals site in Spokane, Washington. A copy of the Site Inspection report is enclosed.

Based on this Site Inspection and other pertinent information, EPA does not anticipate any further investigation under the Federal Superfund Program. You should be aware, however, that EPA's "No Further Action" designation does not relieve you from complying with any applicable Washington state regulations regarding the future development of this property.

If you have any questions regarding this matter, you can contact me at (206) 553-1271.

Sincerely,

John Meyer
Site Assessment Manager
Site Evaluation Section

Enclosure

cc: Michael Spencer, Ecology (w/o enclosure)
Patti Carter, Ecology-ERO
David Swink, Spokane County Health District

000 91

Printed on Recycled Paper

SITE INSPECTION REPORT
FOR
INLAND METALS
SPOKANE, WASHINGTON

CERCLIS ID NO. WAD027507771

Prepared for:

Work Assignment No. 54-17-0JZZ
Contract No. 68-W9-0054
United States Environmental Protection Agency
Region 10
1200 Sixth Avenue
Seattle, Washington 98101

Prepared by:

URS Consultants, Inc.
1100 Olive Way, Suite 200
Seattle, Washington 98101

URS DCN 62760.33.20.846.34.b1

APPENDIXES

A. Historic Aerial Photograph of Site in Mid-1980s
B. Photographic Documentation of Site Visit, November 15, 1994
C. Department of Ecology Confirmation Sampling Results
D. Spokane Aquifer Map
E. Monitoring Well Logs
F. Net Precipitation Calculation
G. Geographic Information Section Maps

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

OCT 8 - 2002

Reply To
Attn Of: ECL-115

Jeff Leppo
SLR International Corporation
3810 E Boone Avenue, Suite 204
Spokane, WA 99202

RE: Freedom of Information Act (FOIA) Request Number
10-RIN-00508-02

Dear Mr. Leppo:

This letter is in response to your FOIA letter received by the Environmental Protection Agency (EPA) on September 23, 2002, in which you requested information regarding ***Inland Metals, Spokane, WA.***

Enclosed are the photographs responsive to your request. These documents are being provided by the Office of Environmental Cleanup. The actual cost for providing this information to a commercial requester is $1.20 for 8 pages at $0.15 per page. However, the fee is waived due to a cost of less than $25.00.

If you have any questions regarding this FOIA response, please contact Beverly Gaines, FOIA Coordinator for the Office of Environmental Cleanup at (206) 553-1066.

This concludes the EPA Region 10 response to FOIA request number 10-RIN-00508-02.

Sincerely,

Sylvia Kawabata, Unit Manager
Site Assessment & Cleanup Unit #2
Environmental Cleanup Office

Enclosures

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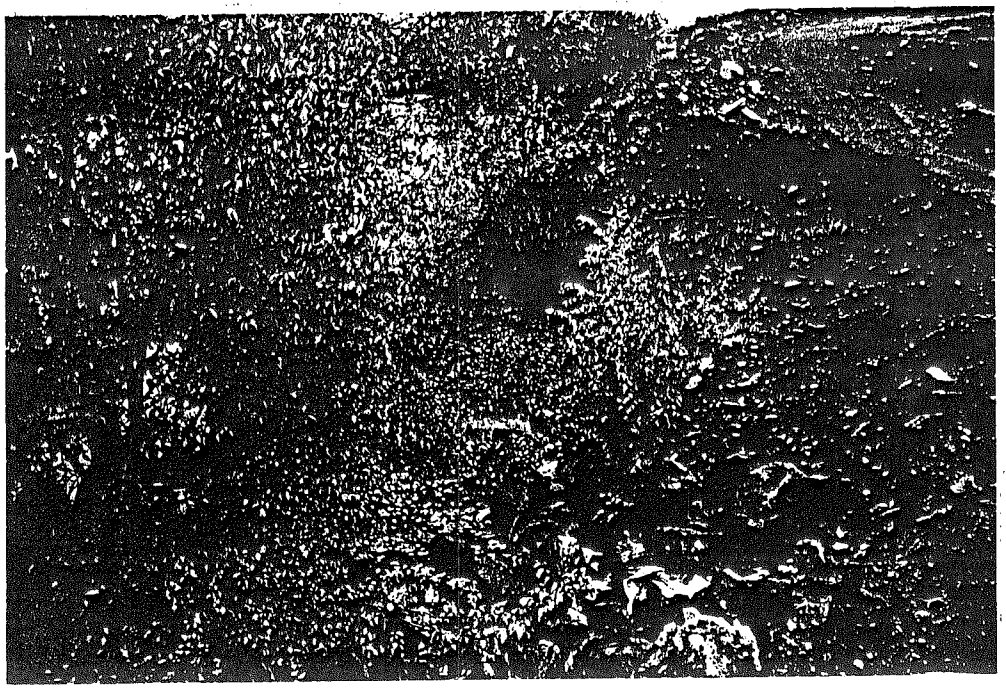
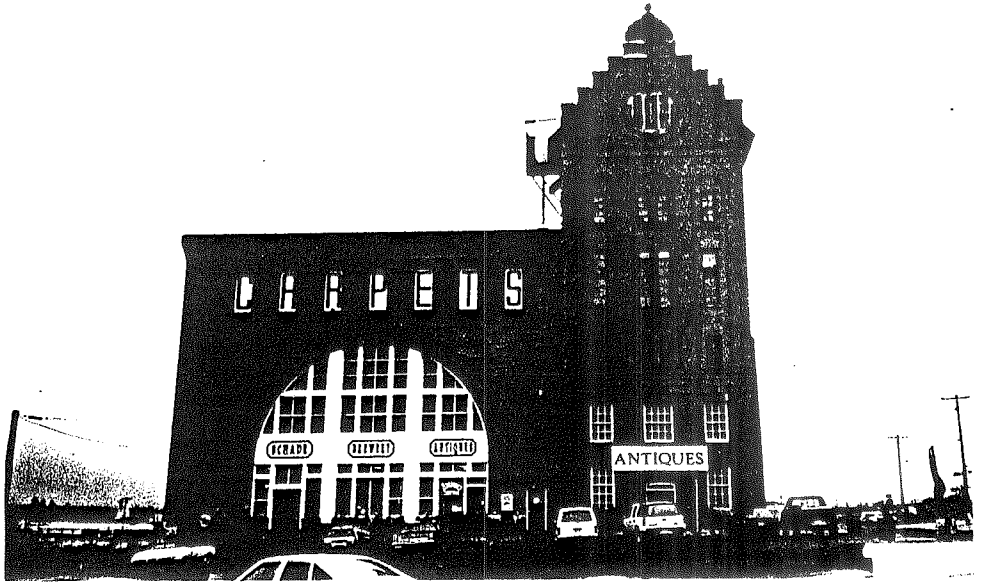
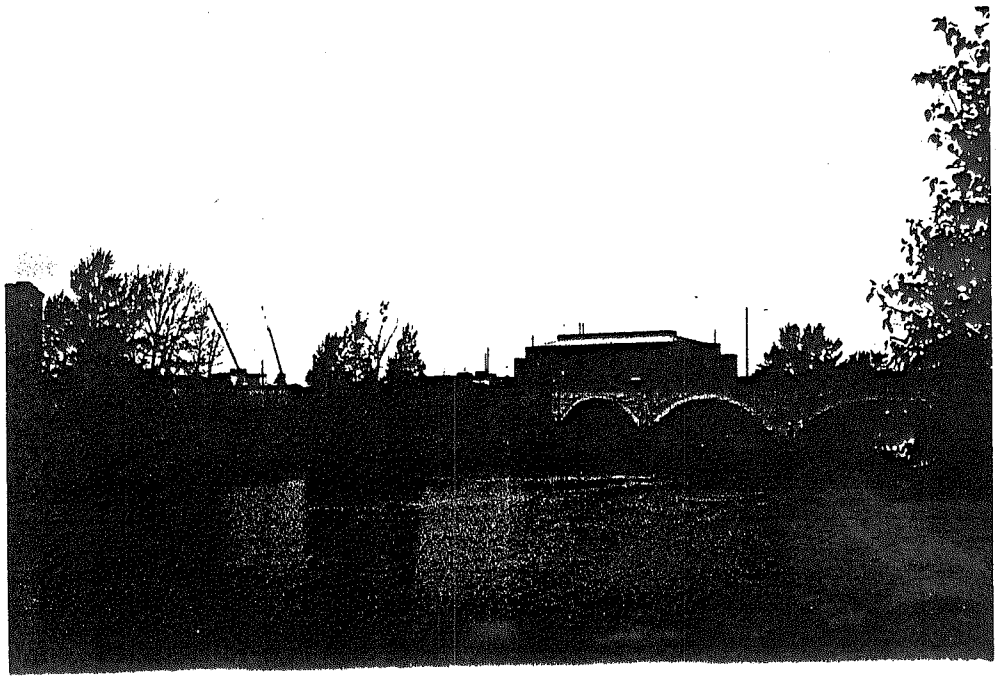
1 Trestle area location of PCB hits



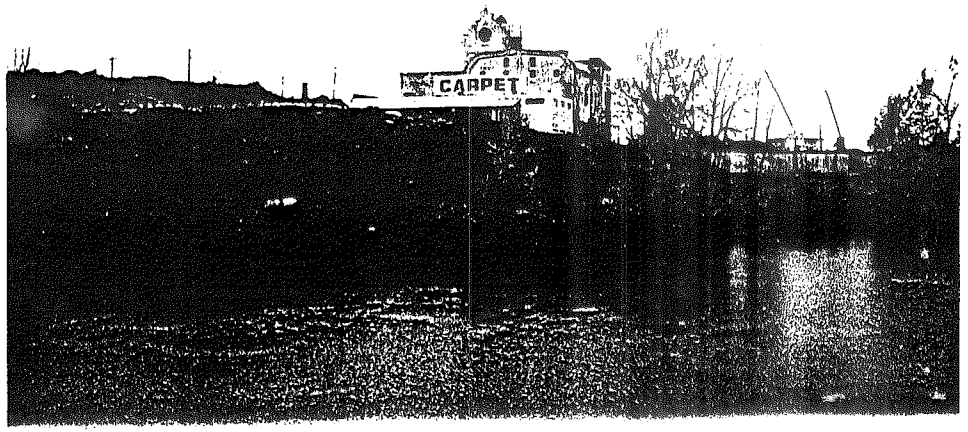
2 National Historic Site of Scholz [illegible]



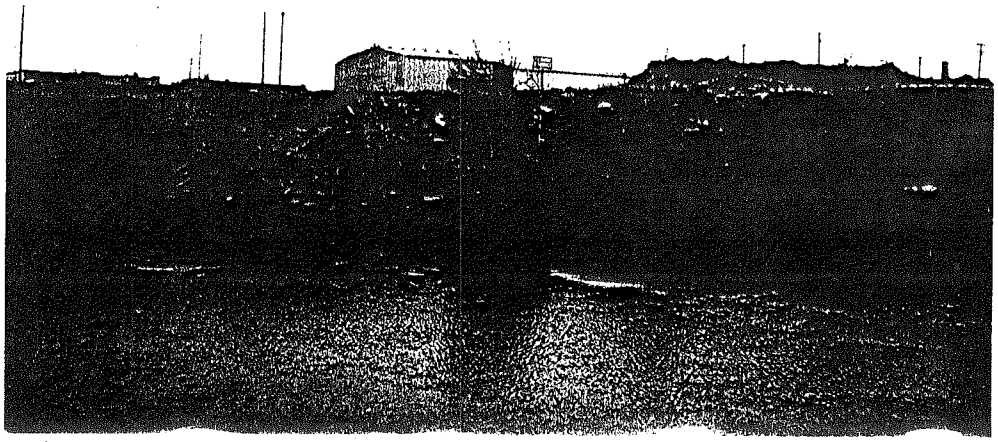
3 From across Spokane River looking towards foundation



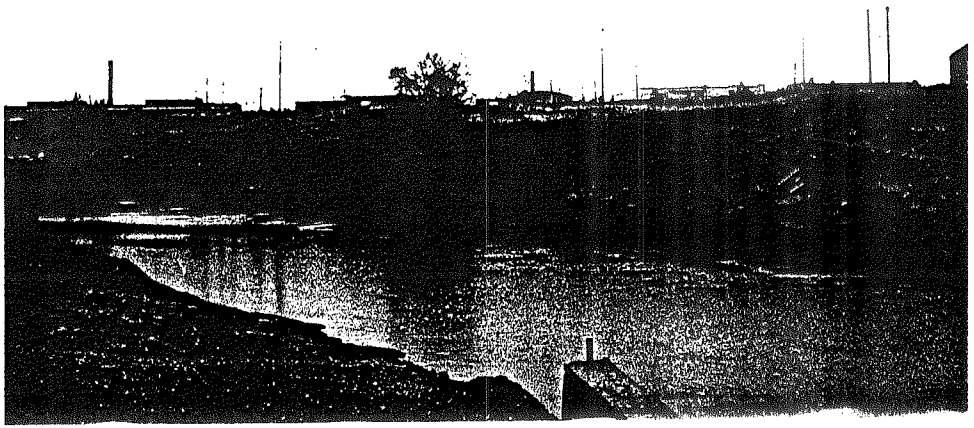
4 Panorama from across Spokane River looking towards site



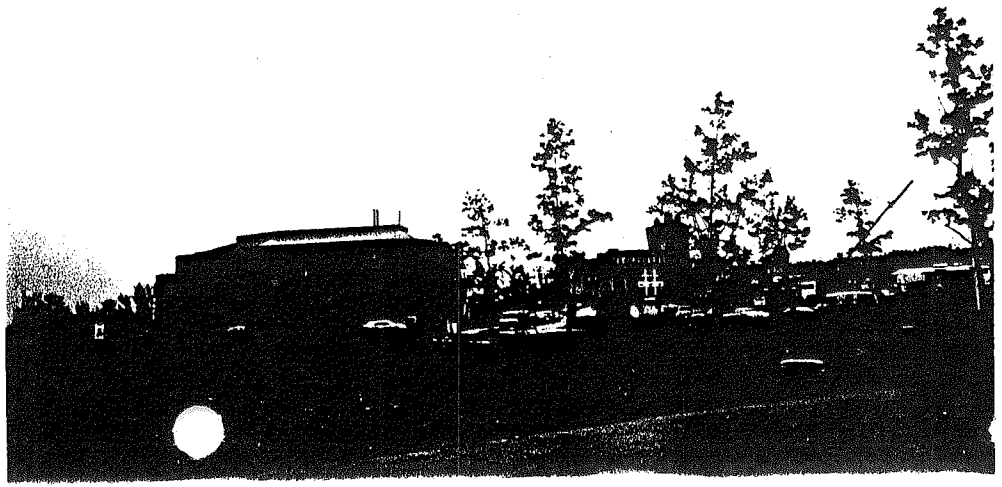
5	Panorama from across Spokane River looking towards site



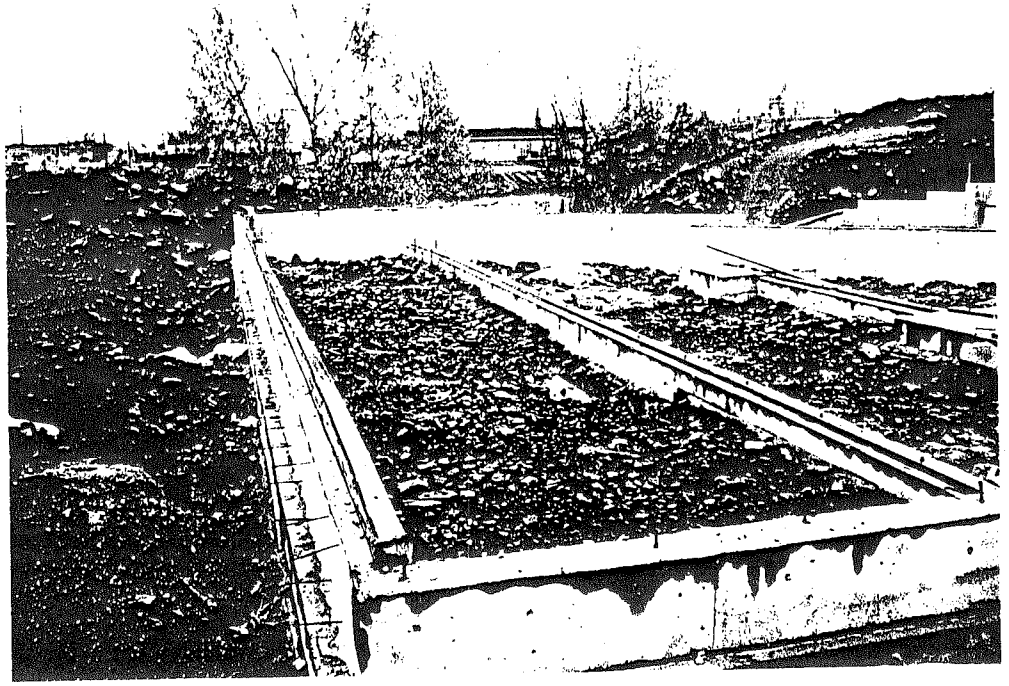
6	Panorama from across Spokane River looking towards site



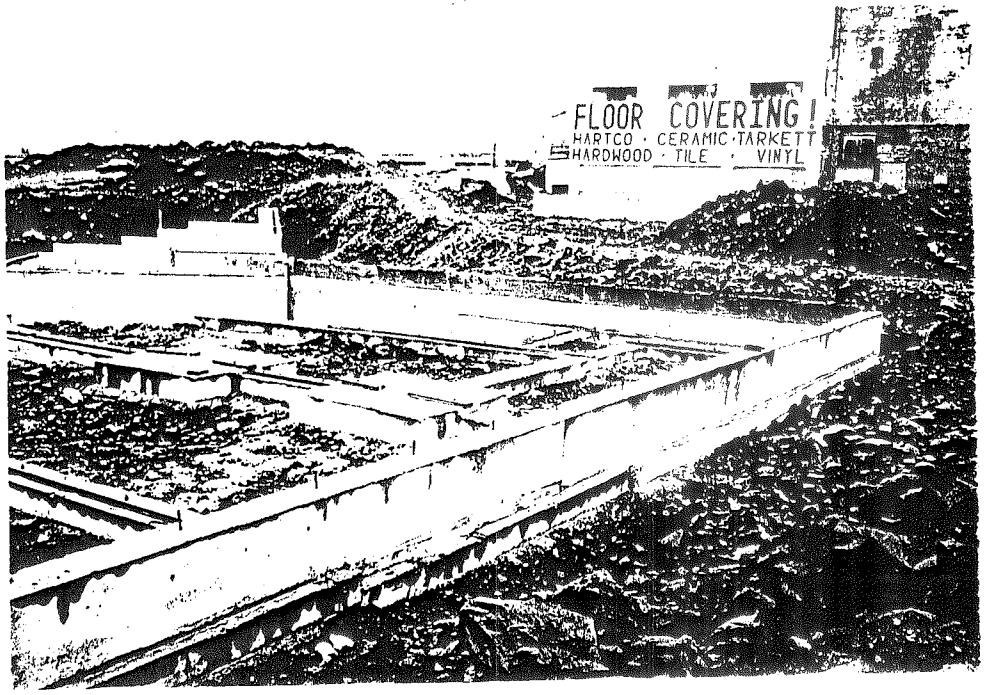
7	Looking towards site from the driveway of the closest residents (condominiums)



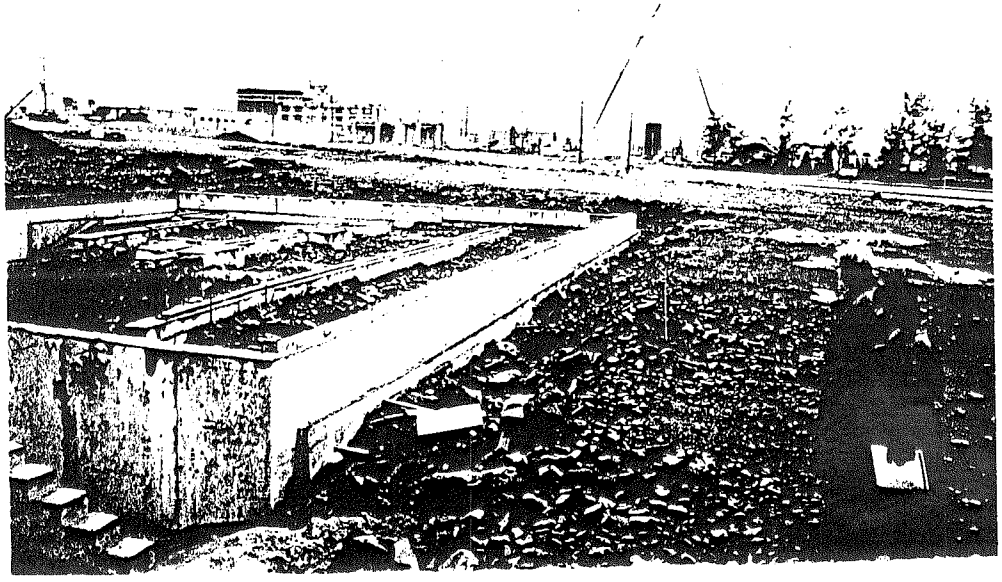
5 Foundation for new building site



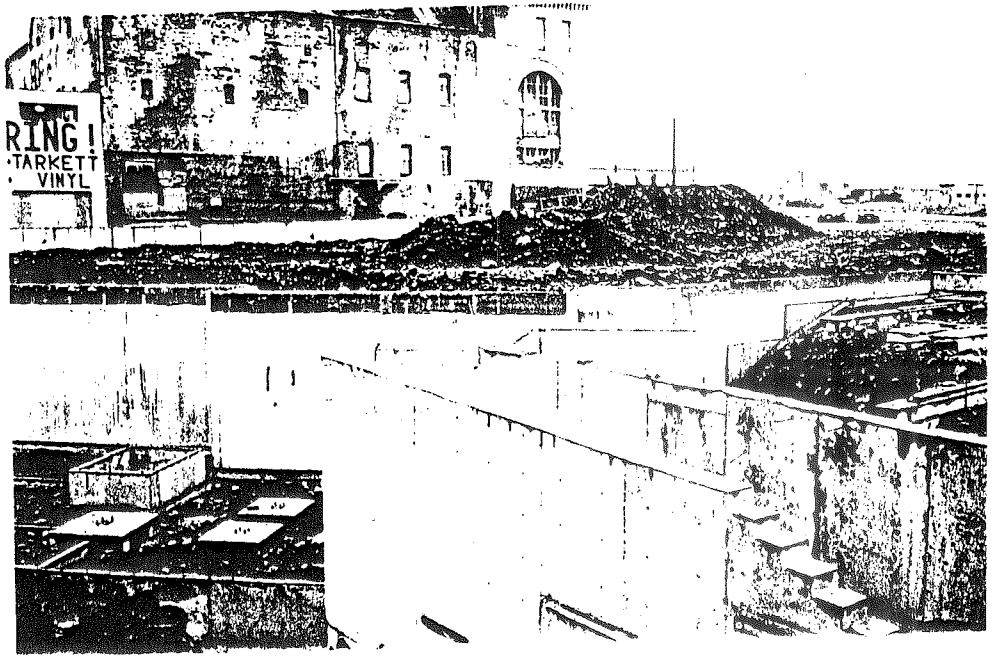
6 Foundation for new building site

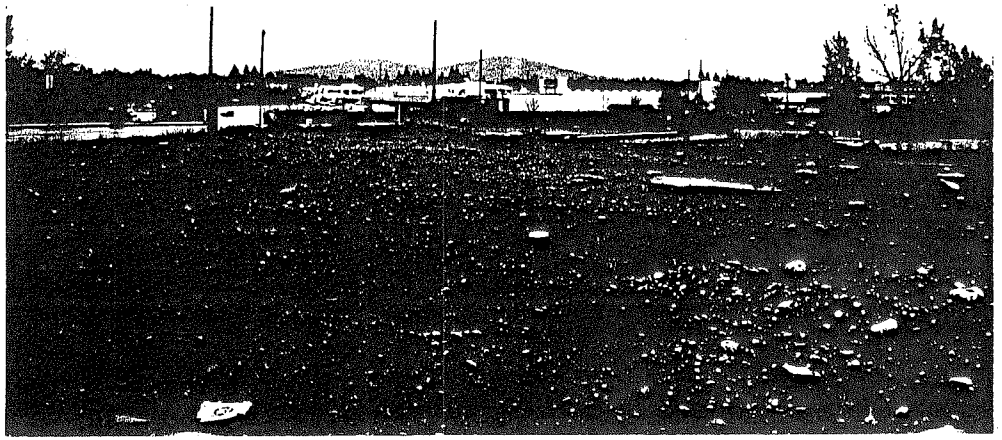


7 Foundation for new building site



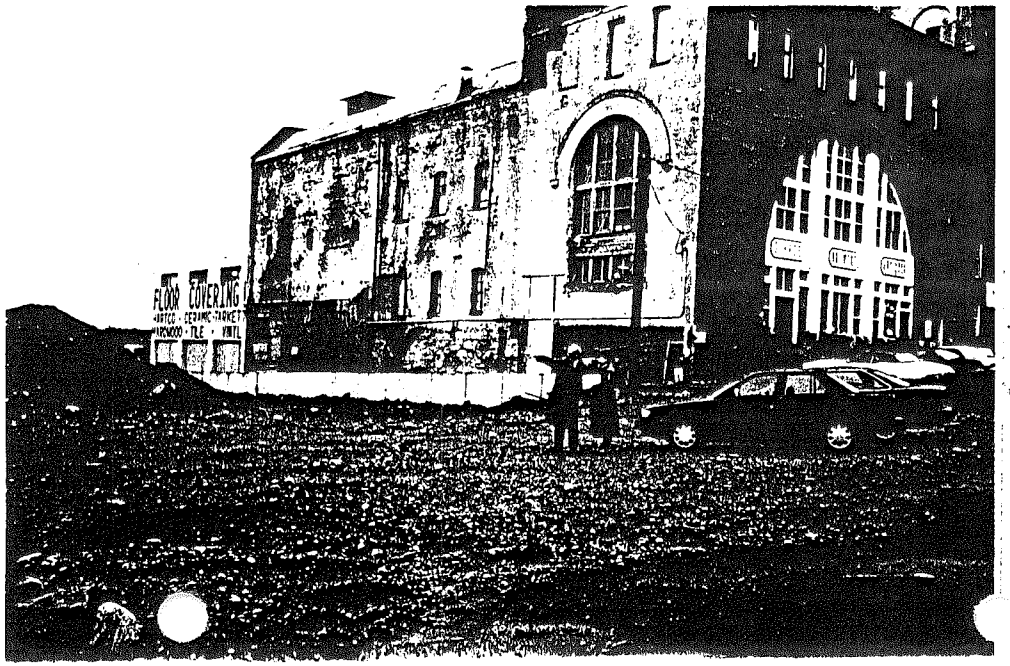
8 Foundation for new building site



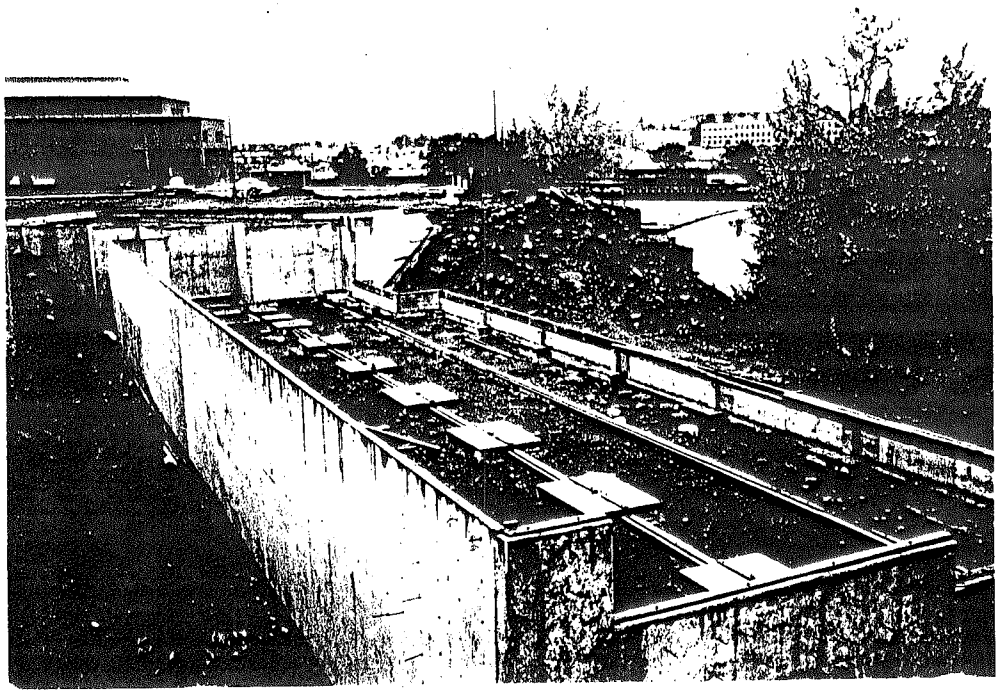


3 Panorama from SE corner of site

4 Panorama from SE corner of site



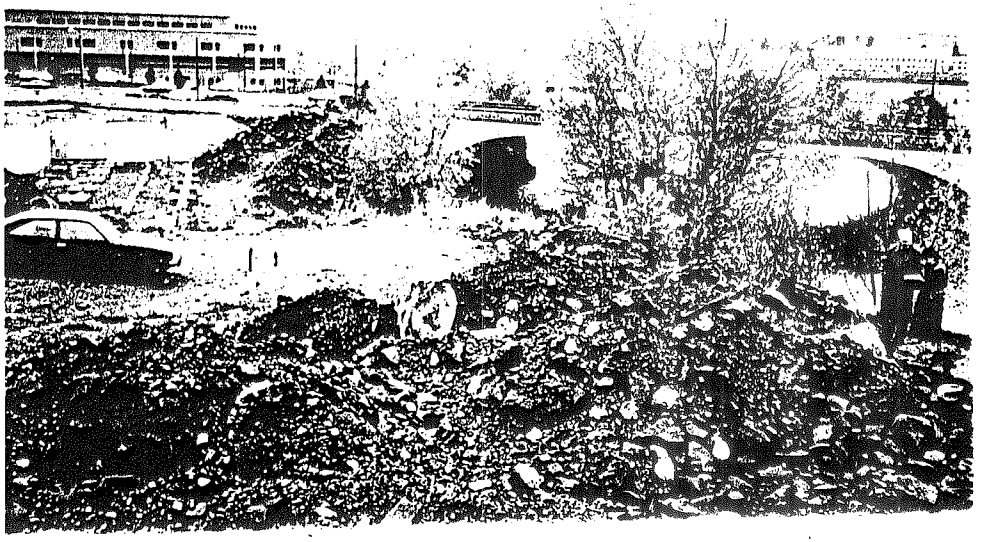
13 Building foundation towards river edge



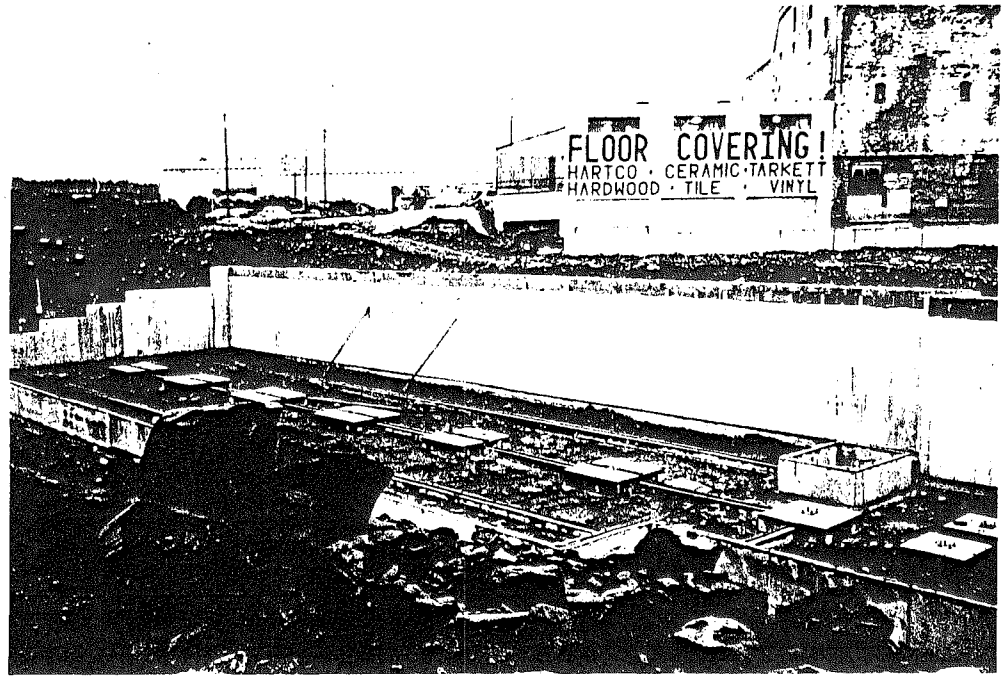
14 Building foundation towards Trent Avenue

15 Site to the west of new building

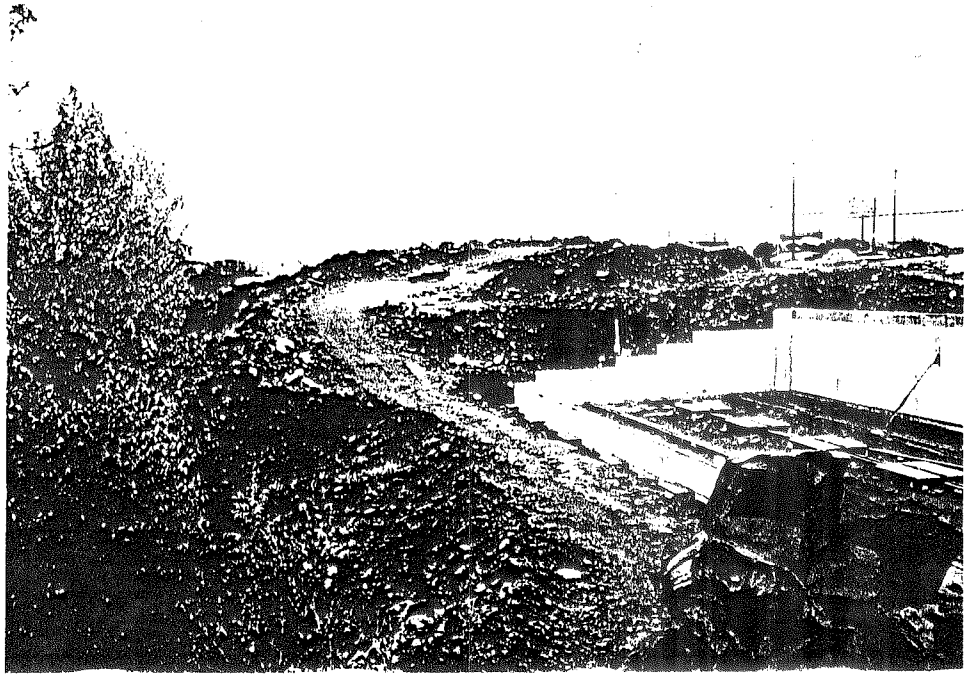
16 Panorama from excavated piles of soil from site



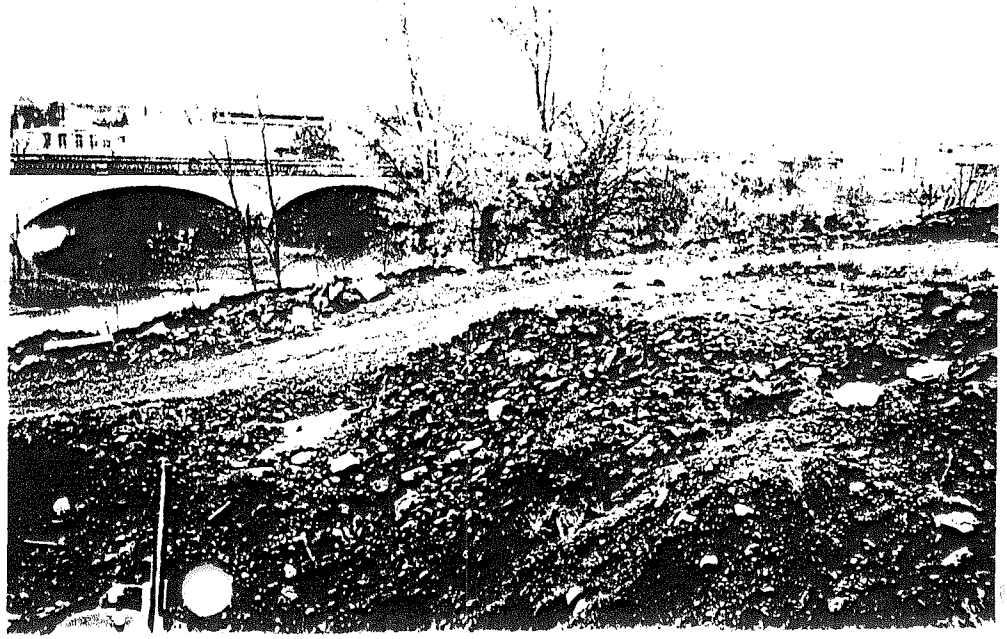
9	Foundation for new building site



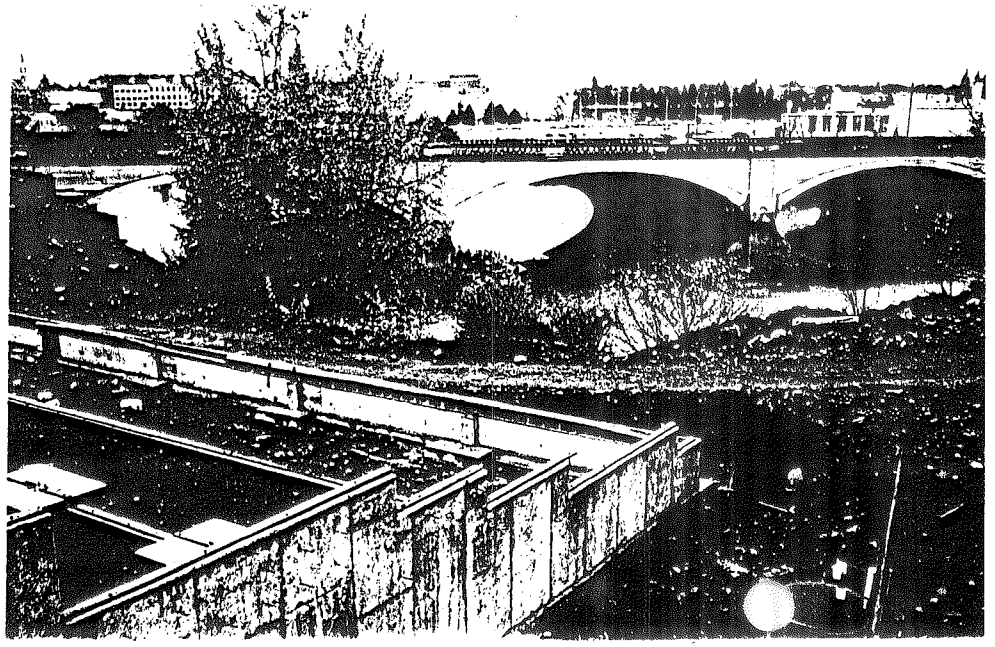
10	Foundation for new building site



11	Foundation for new building site



12	Building foundation towards river edge



17 Panorama from excavated piles of soil from site

18 Panorama from excavated piles of soil from site

19 Panorama from excavated piles of soil from site

20 Panorama from excavated piles of soil from site

21	Panorama from excavated piles of soil from site

APPENDIX H

SLR
International Corp

Prepared for:

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Kleinfelder Project No.: 60-2164-01

FINAL REPORT
PRELIMINARY PHASE II
SUBSURFACE SOIL
CHARACTERIZATION
SCHADE TOWER
E. 528 TRENT AVENUE
SPOKANE, WASHINGTON

Prepared by:

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August 6, 2001
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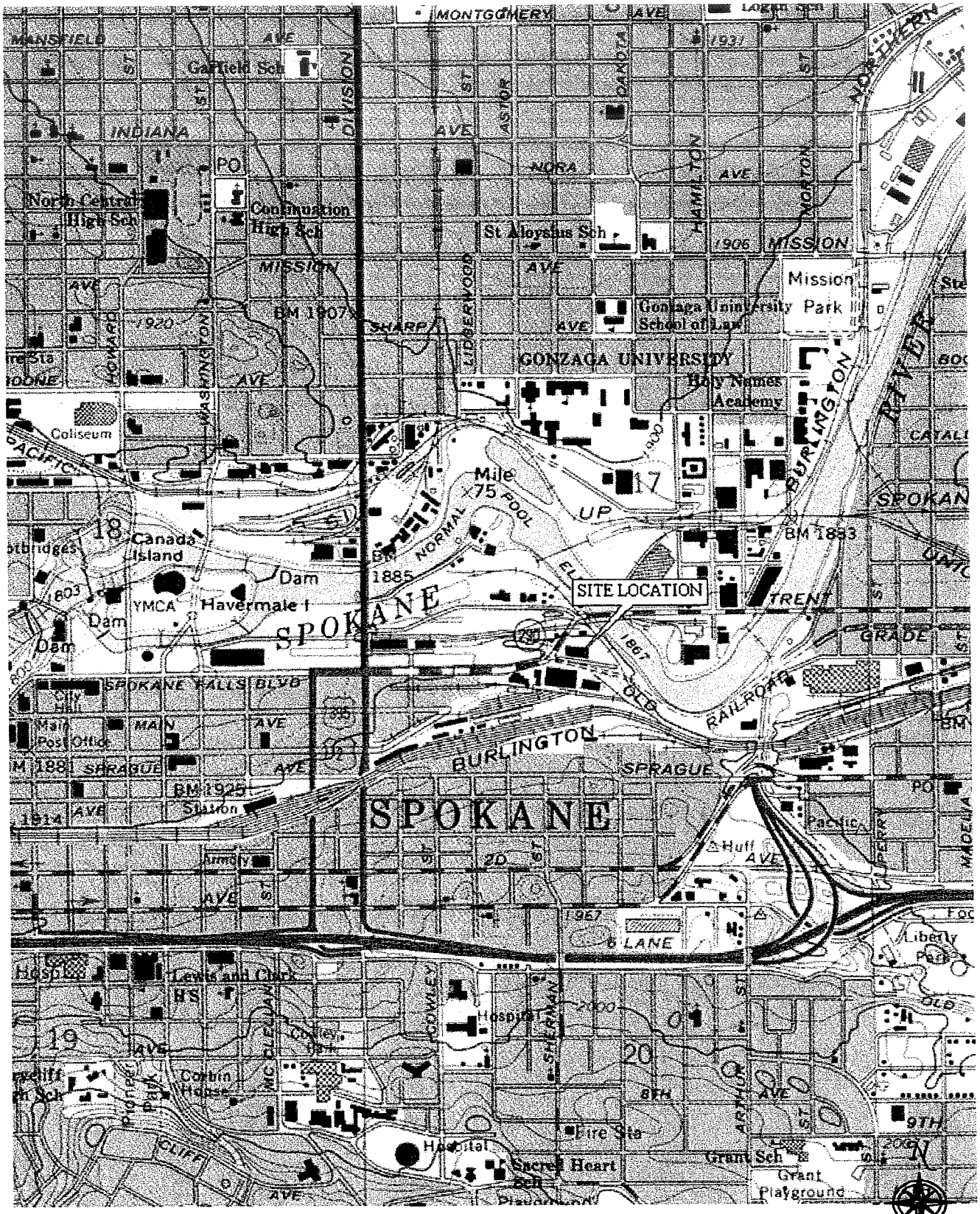


Reference: TopoScout, USGS Topographic Maps

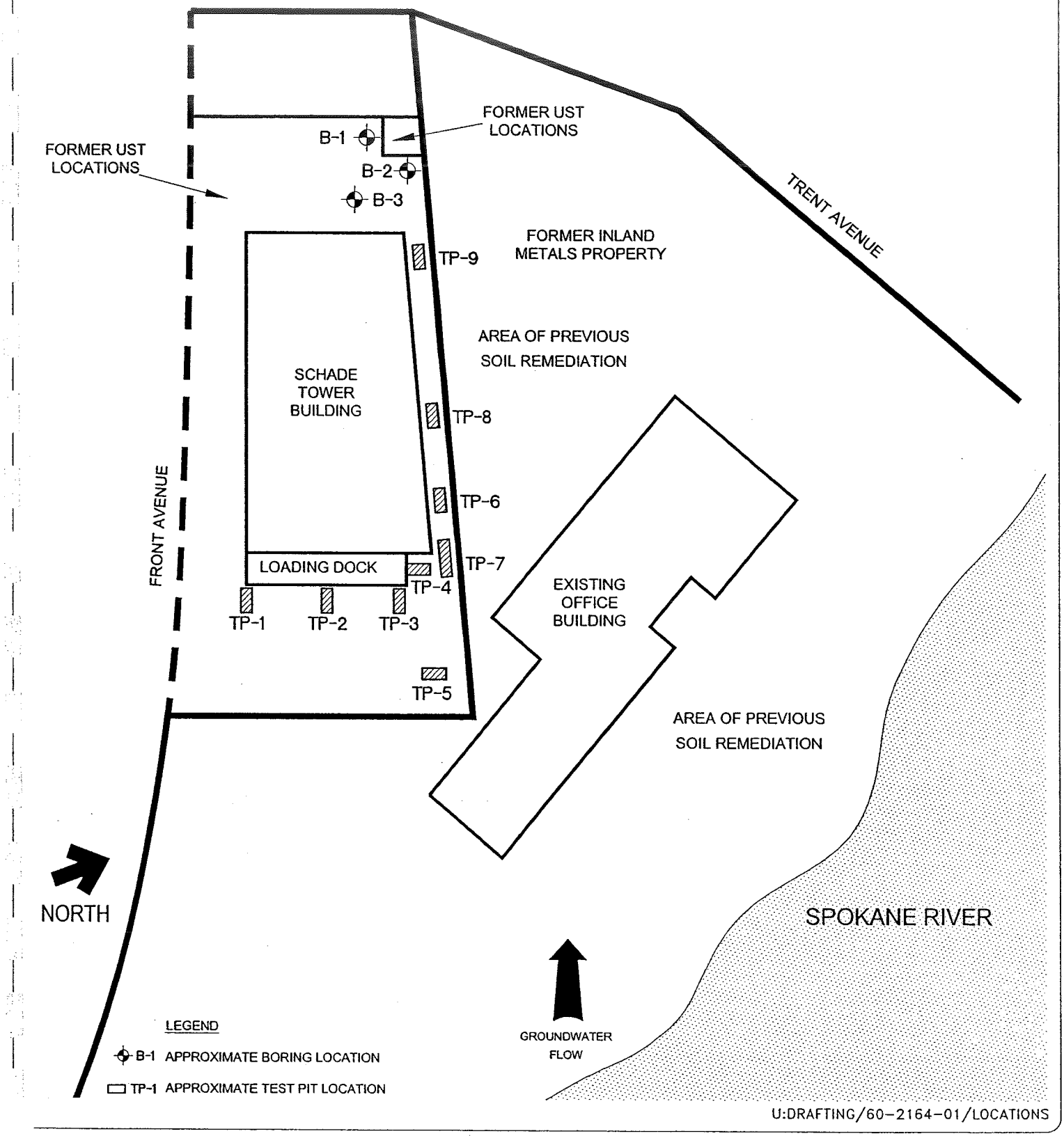
KLEINFELDER

PROJECT # 60-2164.01 JUNE 2001

SITE VICINITY MAP

SCHADE TOWER
528 EAST TRENT AVE.
SPOKANE, WASHINGTON

FIGURE
1B



U:DRAFTING/60-2164-01/LOCATIONS

KLEINFELDER

SCHADE TOWER
528 EAST TRENT AVE
SPOKANE, WASHINGTON
Project: 60-2164-01 JUNE 2001

TEST PIT LOCATIONS

FIGURE 2

TABLE 1

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
PETROLEUM HYDROCARBON ANALYSIS
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number		TP-1-12	TP-2-8	TP-3-13.5	TP-4-12	TP-5-12	TP-6-9	TP-7-5
Sample Depth (feet)		12	8	13.5	12	12	9	5
(UNITS: mg/kg, milligrams/kilogram, dry weight)								
Compound	**MTCA Method A**							
NWTPH-HCID								
Gasoline (Toluene-nC12)	100	NA	NA	NA	NA	NA	NA	NA
Diesel (>nC12-nC24)	200	NA	NA	NA	NA	NA	NA	NA
Motor Oil (>nC24-nC32)	200	NA	NA	NA	NA	NA	NA	NA
NWTPH-D Extended								
Diesel (>nC12-nC24)	200	170	62	48	**2600 (1)**	12	**530**	745
Motor Oil (>nC24-nC32)	200	**230**	120	69	**8300 (1)**	34	**1300**	7770 (1)

NOTES :

Refer to site diagram for sampling locations.
MTCA - Model Toxics Control Act Cleanup Criteria
Concentrations are in milligrams per kilogram (mg/kg) or parts per million (ppm)
-- Indicates applicable standard not established
ND - Not detected above method reporting limits. See Laboratory reports for reporting limits.
NA - Not analyzed.
Bold - Indicates concentration above MTCA Method A or B Standard
(1) Exceeds Revised MTCA Method A Unrestricted and Industrial Cleanup Level of 2000 mg/kg.

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TABLE 1 (Continued)

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
PETROLEUM HYDROCARBON ANALYSIS
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number	TP-8-4	TP-8-9	TP-9-1	B-S-2	B-1-8.5-10.5	B-2-2.5-4.5	B-3-6.5-8.5
Sample Depth (feet)	4	9	1	2	8.5-10.5	2.5-4.5	6.5-8.5
(UNITS: mg/kg, milligrams/kilogram, dry weight)							
Compound	**MTCA Method A (mg/kg)**						
NWTPH-HCID							
Gasoline (Toluene-nC12)	100	NA	NA	NA	NA	<27	<21	<21
Diesel (>nC12-nC24)	200	NA	NA	NA	NA	<50	<50	<50
Motor Oil (>nC24-nC32)	200	NA	NA	NA	NA	<100	<100	260
NWTPH-D Extended								
Diesel (>nC12-nC24)	200	49	**4300 (1)**	**360**	147	NA	NA	31
Motor Oil (>nC24-nC32)	200	150	**13000 (1)**	**550**	**360**	NA	NA	210

NOTES :

Refer to site diagram for sampling locations.
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NA - Not analyzed.
Bold - Indicates concentration above MTCA Method A or B Standard
(1) Exceeds Revised MTCA Method A Unrestricted and Industrial Cleanup Level of 2000 mg/kg.

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TABLE 2

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
PCBs BY EPA METHOD 8082
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number		TP-1-12	TP-2-8	TP-3-13.5	TP-4-12	TP-5-12	TP-6-9	TP-7-5	TP-8-4	TP-8-9	TP-9-1	BS-2
Sample Depth (feet)		12	8	13.5	12	12	9	5	4	9	1	2
(UNITS: ug/kg, micrograms/kilogram, dry weight)												
Compound												
EPA Method 8082	Method A											
AROCLOR 1016	--	<40	<38	<36	<44	<36	<38	<42	<37	<39	<39	<41
AROCLOR 1242	--	<40	<38	<36	<44	<36	<38	<42	<37	720	<39	<41
AROCLOR 1248	--	<40	<38	<36	<44	<36	<38	<42	140	<39	<39	<41
AROCLOR 1254	--	<40	<38	<36	<44	<36	<38	<42	390	290	540	<41
AROCLOR 1260	--	<40	<38	<36	<44	<36	<38	<42	250	160	210	<41
AROCLOR 1221	--	<80	<75	<71	<87	<72	<77	<84	<75	<78	<79	<81
AROCLOR 1232	--	<40	<38	<36	<44	<36	<38	<42	<37	<39	<39	<41
PCB Mixtures	1,000	320	303	287	351	288	305	336	966	**1365**	985	327

NOTES :

Refer to site diagram for sampling locations.

MTCA - Model Toxics Control Act Cleanup Criteria

Concentrations are in micrograms per kilogram (ug/kg) or parts per billion (ppb)

-- Indicates applicable standard not established

ND - Not detected above method reporting limits. See Laboratory reports for reporting limits.

NA - Not analyzed.

Bold - Indicates concentration above MTCA Method A or B Standard

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TABLE 3

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number			TP-1-12	TP-4-12*	TP-4-12**
Sample Depth (feet)			12	12	12
(UNITS: ug/kg, micrograms/kilogram, dry weight)					
Compound	**MTCA Method A**	**MTCA Method B**			
CHLOROMETHANE		--	<1.1	<1.1	<10
BROMOMETHANE		*112,000*	<1.1	<1.1	<10
VINYL CHLORIDE		526.315	<1.1	<1.1	<10
CHLOROETHANE		--	<1.1	<1.1	<10
METHYLENE CHLORIDE	500	--	3.7 B	60 B	60 B
ACETONE		*8,000,000*	7.9 B	60 B	<10
CARBON DISULFITE		*8,000,000*	<1.1	<1.1	<10
1,1-DICHLOROETHENE		--	<1.1	<1.1	<10
1,1-DICHLOROETHANE		*8,000,000*	<1.1	<1.1	<10
TRANS-1,2-DICHLOROETHENE		*1,600,000*	<1.1	<1.1	<10
CIS-1,2-DICHLOROETHENE		*8,000,000*	<1.1	<1.1	<10
CHLOROFORM		163,934	<1.1	<1.1	<10
1,2-DICHLOROETHANE		--	<1.1	<1.1	<10
2-BUTANONE		--	<5.7	<5.6	<51
1,1,1-TRICHLOROMETHANE		--	<1.1	<1.1	<10
CARBON TETRACHLORIDE		7,692	<1.1	<1.1	<10
VINYL ACETATE		*80,000,000*	<5.7	<5.6	<51
BROMODICHLOROMETHANE		16,129	<1.1	<1.1	<10
1,2-DICHLOROPROPANE		14,706	<1.1	<1.1	<10
CIS-1,3-DICHLOROPROPENE		5555	<1.1	<1.1	<10
TRICHLOROETHENE	500	--	<1.1	<1.1	<10
DIBROMOCHLOROMETHANE		11,904	<1.1	<1.1	<10
1,1,2-TRICHLOROETHANE		38,460	<1.1	<1.1	<10
BENZENE	500	34,483	1.2 B	1.1 B	<10
TRANS-1,3-DICHLOROPROPENE		--	<1.1	<1.1	<10
2-CHLOROETHYLVINYLETHER		--	<5.7	<5.6	<51
BROMOFORM		126,582	<1.1	<1.1	<10
4-METHYL-2-PENTANONE (MIBK)		--	<5.7	<5.6	<51
2-HEXANONE		--	<5.7	<5.6	<51
TETRACHLOROETHENE	500	19,608	<1.1	<1.1	<10
1,1,2,2-TETRACHLOROETHANE		5,000	<1.1	<1.1	<10
TOLUENE	40,000	*16,000,000*	<1.1	<1.1	<10
CHLOROBENZENE		*1,600,000*	<1.1	<1.1	<10
ETHYLBENZENE	20,000	*8,000,000*	<1.1	<1.1	<10
STYRENE		33,333	<1.1	<1.1	<10
TRICHLOROFLUOROMETHANE		*240,000,000*	<1.1	<1.1	<10
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE		2,400,000,000	<1.1	<1.1	<10

NOTES :

Refer to site diagram for sampling locations.
MTCA - Model Toxics Control Act Cleanup Criteria
Concentrations are in micrograms per kilogram (ug/kg) or parts per billion (ppb)
-- Indicates applicable standard not established
ND - Not detected above method reporting limits. See Laboratory reports for reporting limits.
NA - Not analyzed.
Bold - Indicates concentration above MTCA Method A or B Standard
* - 4.5 G DRY WEIGHT
** - 0.49 G DRY WEIGHT
italic-indicates non-carcinogenic values
B - Indicates possible/probable blank contamination. Flagged when the analyte is detected in the blank as well as the sample.

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TABLE 3 (Continued)

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number			TP-1-12	TP-4-12*	TP-4-12**
Sample Depth (feet)			12	12	12
(UNITS: ug/kg, micrograms/kilogram, dry weight)					
Compound	**MTCA Method A**	**MTCA Method B**			
M,P-XYLENE	20,000	*160,000,000*	<1.1	<1.1	<10
O-XYLENE		*160,000,000*	<1.1	<1.1	<10
1,2-DICHLOROBENZENE		*7,200,000*	<1.1	<1.1	<10
1,3-DICHLOROBENZENE		--	<1.1	<1.1	<10
1,4-DICHLOROBENZENE		41,666	<1.1	<1.1	<10
ACROLEIN		*1,600,000*	*<57*	*510*	*<510*
METHYL IODIDE		--	<1.1	<1.1	<10
BROMOETHANE		*112,000*	<2.3	<2.2	<20
ACRYLONITRIIE		1,852	<5.7	<5.6	<51
1,1-DICHLOROPROPENE		--	<1.1	<1.1	<10
DIBROMOMETHANE		--	<1.1	<1.1	<10
1,1,1,2-TETRACHLOROETHANE		38,462	<1.1	<1.1	<10
1,2-DIBROMO-3-CHLOROPROPANE		--	<5.7	<5.6	<51
1,2,3-TRICHLOROPROPANE		142.8	<2.3	<2.2	<20
TRANS-1,4-DICHLORO-2-BUTENE		--	<5.7	<5.6	<51
1,3,5-TRIMETHYLBENZENE		--	<1.1	<1.1	<10
1,2,4-TRIMETHYLBENZENE		--	<1.1	<1.1	<10
HEXACHLOROBUTADIENE		12,821	<5.7	<5.6	<51
ETHYLENE DIBROMIDE		--	<1.1	<1.1	<10
BROMOCHLOROMETHANE		16,129	<1.1	<1.1	<10
2,2-DICHLOROPROPANE		--	<1.1	<1.1	<10
1,3-DICHLOROPROPANE		--	<1.1	<1.1	<10
ISOPROPYLBENZENE		--	<1.1	<1.1	<10
N-PROPYLBENZENE		--	<1.1	<1.1	<10
BROMOBENZENE		--	<1.1	<1.1	<10
2-CHLOROTOLUENE		--	<1.1	<1.1	<10
4-CHLOROTOLUENE		--	<1.1	<1.1	<10
TERT-BUTYLBENZENE		--	<1.1	<1.1	<10
SEC-BUTYLBENZENE		--	<1.1	<1.1	<10
4-ISOPROPYLTOLUENE		--	<1.1	<1.1	<10
N-BUTYLBENZENE		--	<2.3	<2.2	<20
1,2,4-TRICHLOROBENZENE		*800,000*	<5.7	<5.6	<51
NAPHTHALENE		*3,200,000*	<5.7	<5.6	<51
1,2,3-TRICHLOROBENZENE		--	<5.7	<5.6	<51

NOTES :

Refer to site diagram for sampling locations.
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Concentrations are in micrograms per kilogram (ug/kg) or parts per billion (ppb)
-- Indicates applicable standard not established
ND - Not detected above method reporting limits. See Laboratory reports for reporting limits.
NA - Not analyzed.
Bold - Indicates concentration above MTCA Method A or B Standard
* - 4.5 G DRY WEIGHT
** - 0.49 G DRY WEIGHT
italic- indicates non-carcinogenic values
B - Indicates possible/probable blank contamination. Flagged when the analyte is detected in the blank as well as the sample.

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TABLE 4

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number			TP-1-12	TP-2-8	TP-3-13.5	TP-4-12	TP-7-5	TP-8-9	TP-9-1	B-S-2
Sample Depth (feet)			12	8	13.5	12	5	9	1	2
(UNITS: ug/kg, micrograms/kilogram, dry weight)										
Compound	**MTCA Method A**	**MTCA Method B**								
PHENOL		*48,000,000*	ND	ND	ND	ND	ND	ND	ND	ND
BIS- (2-CHLOROETHYL) ETHER		909	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROPHENOL		*400,000*	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE		--	ND	ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE		41,666	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE		*7,200,000*	ND	ND	ND	ND	ND	ND	ND	ND
BENZYL ALCOHOL		*24,000,000*	ND	ND	ND	ND	ND	ND	ND	ND
2,2'-OXYBIS (1-CHLOROPROPANE)		--	ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLPHENOL		--	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROETHANE		71,429	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSO-DI-N-PROPYLAMINE		142.80	ND	ND	ND	ND	ND	ND	ND	ND
4-METHYLPHENOL		--	ND	ND	ND	449	ND	168	ND	ND
NITROBENZENE		*40,000*	ND	ND	ND	ND	ND	ND	ND	ND
ISOPHORONE		1,052,632	ND	ND	ND	ND	ND	ND	ND	ND
2-NITROPHENOL		8,333	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DIMETHYLPHENOL		--	ND	ND	ND	ND	ND	ND	ND	ND
BIS- (2-CHLOROETHOXY) METHANE		--	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DICHLOROPHENOL		*240,000*	ND	ND	ND	ND	ND	440	ND	ND
1,2,4-THRICHLOROBENZENE		--	ND	ND	ND	ND	ND	150	ND	ND
NAPHTHALENE		*3,200,000*	1500	850	850	11000	3300	4200	2000	800
BENZOIC ACID		*320,000,000*	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLOROANILINE		--	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE		12,821	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLORO-3-METHYLPHENOL		--	ND	ND	ND	ND	ND	ND	ND	ND
2-METHYLNAPHTHALENE		--	330	203	120	3300	3100	3600	1600	320
HEXACHLOROCYCLOPENTADIENE		*560,000*	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-TRICHLOROPHENOL		--	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TRICHLOROPHENOL		*8,000,000*	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLORONAPHTHALENE		--	ND	ND	ND	ND	ND	ND	ND	ND
2-NITROANILINE		--	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHYLENE		*4,800,000*	ND	39.7	ND	2700	ND	240	230	77.8
DIMETHYLPHTHALATE		--	ND	ND	ND	ND	ND	ND	ND	ND
2,6-DINITROTOLUENE		*160,000*	ND	ND	ND	ND	ND	ND	ND	ND
ACENAPHTHENE		*4,800,000*	460	280	84	12000	3100	550	620	55.1
3-NITROANILINE		--	ND	ND	ND	ND	ND	ND	ND	ND
2,4-DINITROPHENOL		*240,000*	ND	ND	ND	ND	ND	ND	ND	ND
DIBENZOFURAN		--	220	150	71	9300	3100	540	660	98
4-NITROPHENOL		--	ND	ND	ND	ND	ND	1200	ND	ND

NOTES :
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ND - Not detected above method reporting limits. See Laboratory reports for reporting limits.
NA - Not analyzed.
Bold - Indicates concentration above MTCA Method A or B Standard
intalic - indicates non-carcinogenic values

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TABLE 4 (Continued)

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
SEMI-VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number			TP-1-12	TP-2-8	TP-3-13.5	TP-4-12	TP-7-5	TP-8-9	TP-9-1	B-S-2
Sample Depth (feet)			12	8	13.5	12	5	9	1	2
(UNITS: ug/kg, micrograms/kilogram, dry weight)										
Compound	**MTCA Method A**	**MTCA Method B**								
2,4-DINITROTOLUENE		*160,000*	ND	ND	ND	ND	ND	ND	ND	ND
FLUORENE		*3,200,000*	340	210	52.4	15000	906	711	998	ND
4-CHLOROPHENYL-PHENYLETHER		--	ND	ND	ND	ND	ND	ND	ND	ND
DIETHYLPHTHALATE		*64,000,000*	ND	ND	ND	ND	ND	ND	ND	ND
4-NITROANILINE		--	ND	ND	ND	ND	ND	ND	ND	ND
4,6-DINITRO-2-METHYLPHENOL		--	ND	ND	ND	ND	ND	ND	ND	ND
N-NITROSODIPHENYLAMINE		204,082	ND	ND	ND	ND	ND	ND	ND	ND
4-BROMOPHENYL-PHENYLETHER		--	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBENZENE		625.000	ND	ND	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL		8,333	ND	ND	ND	ND	ND	ND	ND	ND
PHENANTHRENE		--	3800	2600	580	130000	6000	2800	7300	520
ANTHRACENE		*24,000,000*	740	570	140	38000	3100	530	5500	110
CARBAZOLE		50,000	300	210	57.4	22000	969	190	480	60
DI-N-BUTYLPHTHALATE		--	66.6	ND	ND	ND	ND	219	63.9	ND
FLUORANTHENE		*3,200,000*	3700	2800	760	140000	5310	3100	11000	1000
PYRENE		*2,400,000*	2600	2900	1100	140000	6720	2900	9500	1300
BUTYLBENZYLPHTHALATE		*16,000,000*	ND	ND	ND	ND	ND	ND	ND	ND
BENZO (A) ANTHRACENE		136.99	**1100**	**1300**	**420**	**80000**	**3160**	**1700**	**3400**	**700**
3,3'-DICHLOROBENZIDINE		2,222	ND	ND	ND	ND	ND	ND	ND	ND
CHRYSENE		136.9800	**1400**	**1500**	**460**	**87000**	**5970**	**2400**	**3800**	**910**
BIS (2-ETHYLHEXYL) PHTHALATE		71,429	ND	ND	ND	ND	ND	700	1400	ND
DI-N-OCTYL PHTHALATE		--	ND	ND	ND	ND	ND	ND	ND	ND
BENZO (B) FLUORANTHENE		136.98	**1100**	**1200**	**350**	**70000**	**3100**	**1300**	**2600**	**830**
BENZO (K) FLUORANTHENE		136.98	**1600**	**1000**	**380**	**66000**	**4400**	**2600**	**2100**	**860**
BENZO (A) PYRENE		136.98	**1500**	**1200**	**440**	**78000**	**3300**	**2800**	**2000**	**950**
INDENO (1,2,3-CD) PYRENE		--	620	470	180	24000	1340	150	896	640
DIBENZo (A,H) ANTHRACENE		136.98	130	120	71	5900	ND	150	230	220
BENZO (G,H,I) PERYLENE		--	550	400	160	20000	1400	150	662	740

NO' Refer to site diagram for sampling locations.
MTCA - Model Toxics Control Act Cleanup Criteria
Concentrations are in micrograms per kilogram (ug/kg) or parts per billion (ppb)
-- Indicates applicable standard not established
ND - Not detected above method reporting limits. See Laboratory reports for reporting limits.
NA - Not analyzed.
Bold - Indicates concentration above MTCA Method A or B Standard
intalic - indicates non-carcinogenic values

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TABLE 5

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
TOTAL METALS BY EPA METHODS 6010B/7471A
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number			TP-1-12	TP-2-8	TP-3-13.5	TP-4-12	TP-6-9	TP-7-5	TP-8-4	TP-8-9-	TP-9-1	B-S-2
Sample Depth (feet)			12	8	13.5	12	9	5	4	9	1	2
(UNITS: mg/kg, milligrams/kilogram, dry weight)												
Compound	**MTCA Method A**	**MTCA Method B**										
Arsenic	20	--	9	12	**25**	11	13	<6	11	12	**38**	130
Barium		5,600,000	672	427	298	385	370	392	319	695	1,610	542
Cadmium	2	--	**2.9**	0.8	**2.1**	0.8	**4.6**	0.4	1.9	0.5	**5.3**	1.1
Chromium	100	--	58.8	16.6	23.9	24.4	13.3	219	19.3	12.5	21.3	18.7
Lead	250	--	**712**	**1,530**	**262**	**449**	**428**	80	**262**	**270**	**841**	566
Mercury	1	--	0.47	0.62	0.21	0.48	0.42	0.15	0.48	0.15	0.79	0.3
Selenium		400,000	<7	<6	<5	<6	<6	<6	<6	<5	<6	<6
Silver		400,000	<0.4	1.3	<0.3	<0.3	<0.3	<0.3	0.6	<0.3	3.2	1.1

NOTES :

Refer to site diagram for sampling locations
MTCA - Model Toxics Control Act Cleanup Criteria
Concentrations are in milligrams per kilogram (mg/kg) or parts per million (ppm)
-- Indicates applicable standard not established
ND - Not detected above method reporting limits. See Laboratory reports for reporting limits.
NA - Not analyzed.
Bold - Indicates concentration above MTCA Method A or B Standard

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TABLE 6

SUMMARY OF SOIL LABORATORY ANALYTICAL RESULTS
pH, TOTAL SOLIDS AND TOTAL CYANIDE BY EPA METHODS 150.1/160.3/335.2
SCHADE TOWER
SPOKANE, WASHINGTON

Sample Number			TP-1-12	TP-4-12	TP-7-5	TP-8-9	TP-9-1	B-S-2
Sample Depth (feet)			12	12	5	9	1	2
	units	MTCA Method A						
EPA Method 150.1								
pH	std units	--	8.36	8.39	8.47	7.7	7.68	7.79
EPA Method 160.1								
Total Solids	Percent	--	81.9	81	89.2	NA	NA	NA
EPA Method 335.2								
Total Cyanide	mg/kg	1,600	0.3	0.36	<0.28	NA	NA	NA

NOTES :

Refer to site diagram for sampling locations.
MTCA - Model Toxics Control Act Cleanup Criteria
Concentrations are in milligrams per kilogram (mg/kg) or parts per million (ppm)
-- Indicates applicable standard not established
ND - Not detected above method reporting limits. See Laboratory reports for reporting limits.
NA - Not analyzed.
Bold - Indicates concentration above MTCA Method A or B Standard

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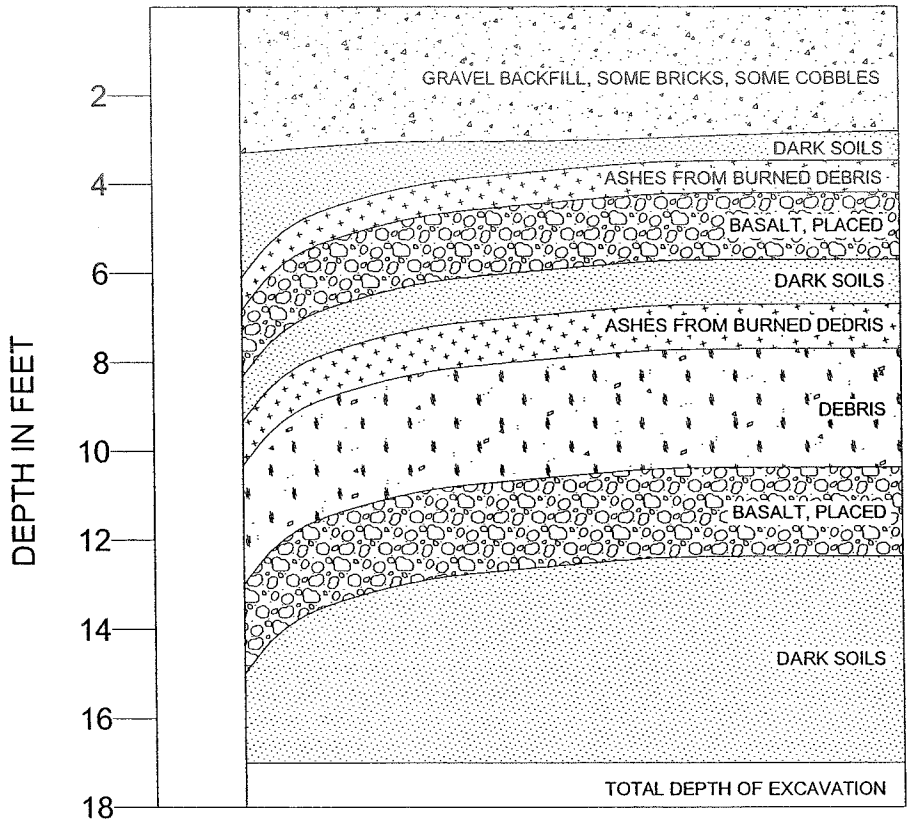
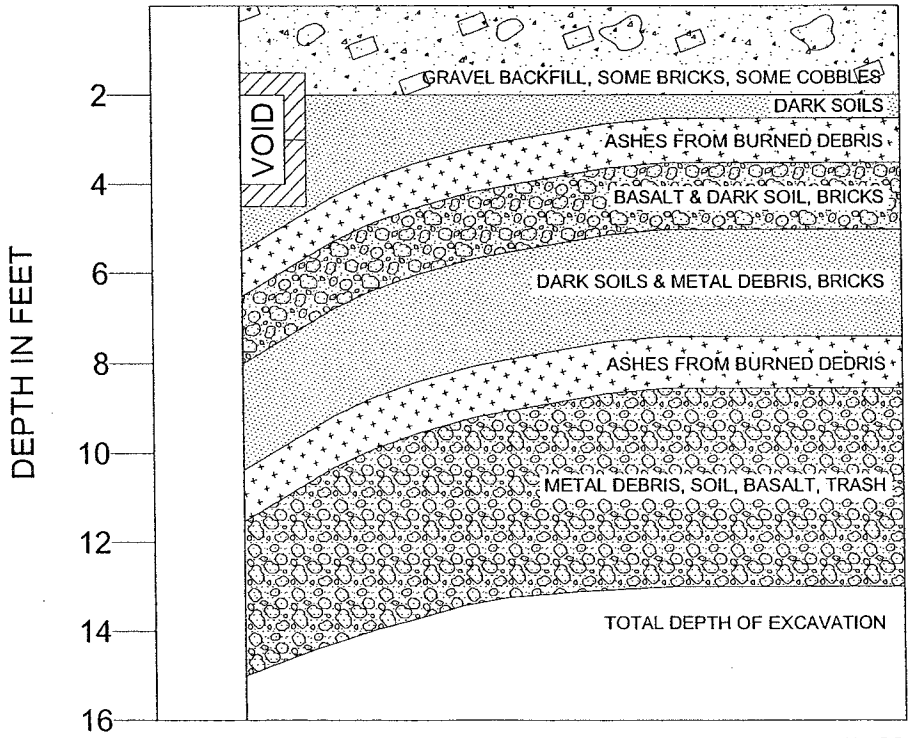
TEST PIT #1



TEST PIT #2



U: DRAFTING/60-2164-01/FIG.1

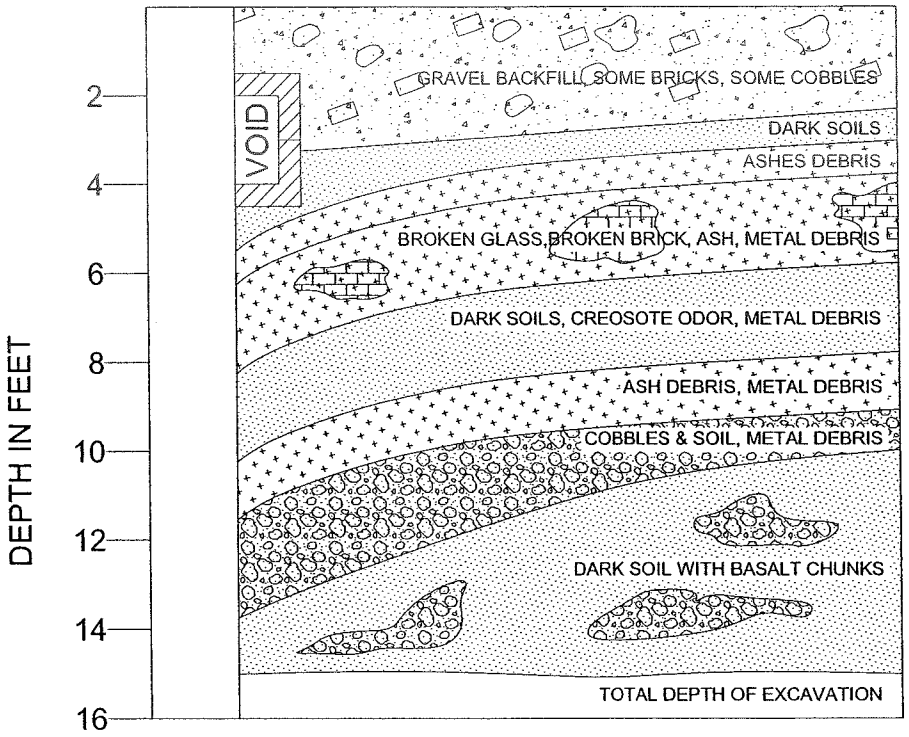
KLEINFELDER

SCHADE TOWER
528 EAST TRENT AVENUE
SPOKANE, WASHINGTON
Project: 60-2164-01 JULY 2001

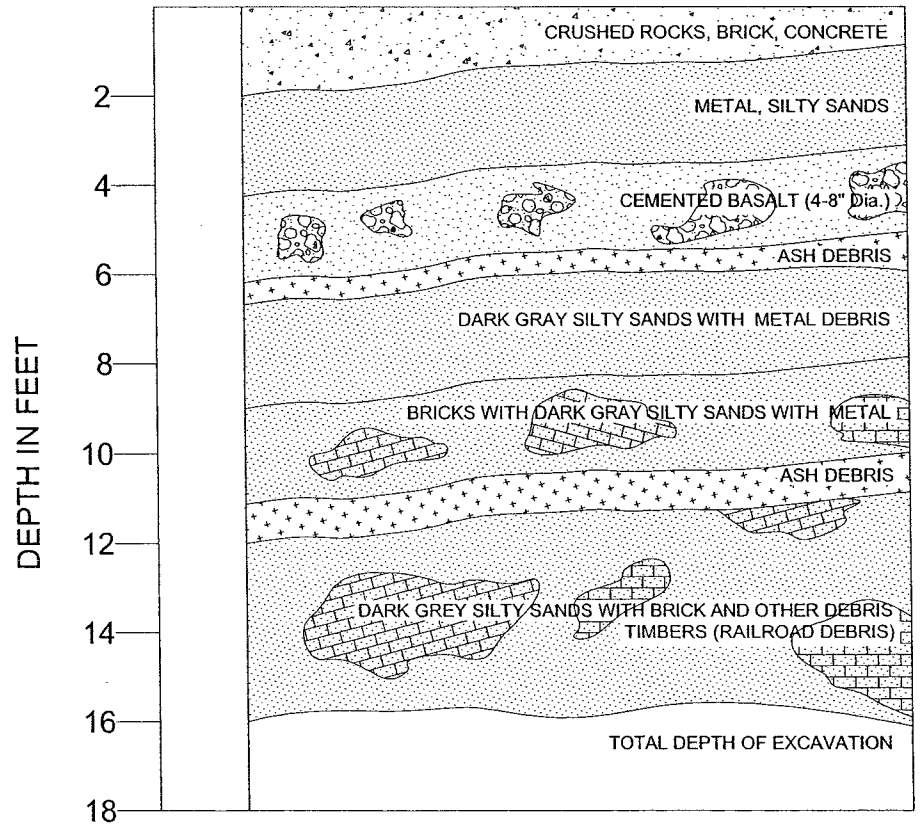
TEST PIT
CROSS-SECTIONS

FIGURE
1

TEST PIT #3



TEST PIT #4



U: DRAFTING/60-2164-01/FIG.2

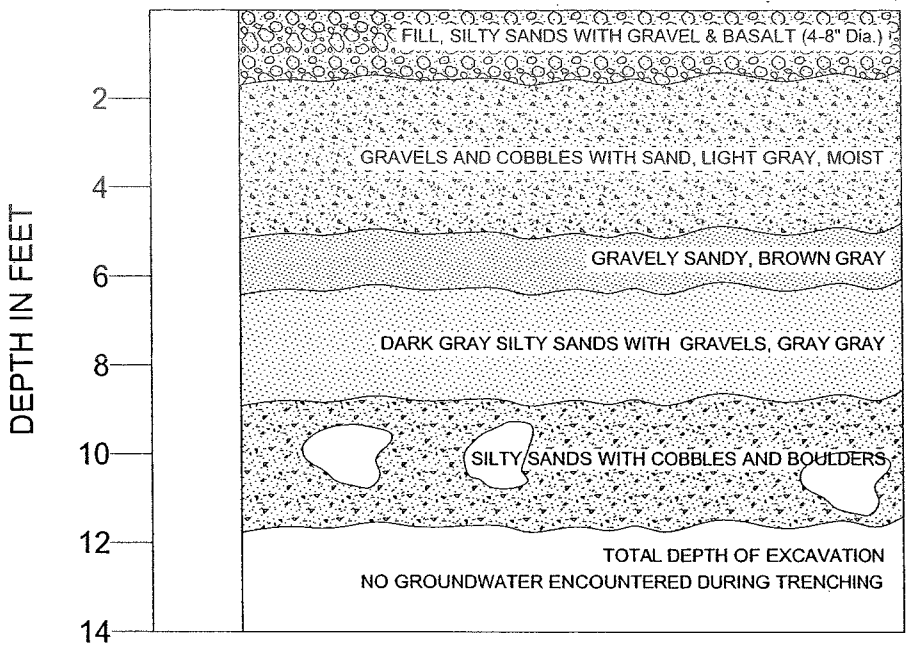
KLEINFELDER

SCHADE TOWER
528 EAST TRENT AVENUE
SPOKANE, WASHINGTON
Project: 60-2164-01 JULY 2001

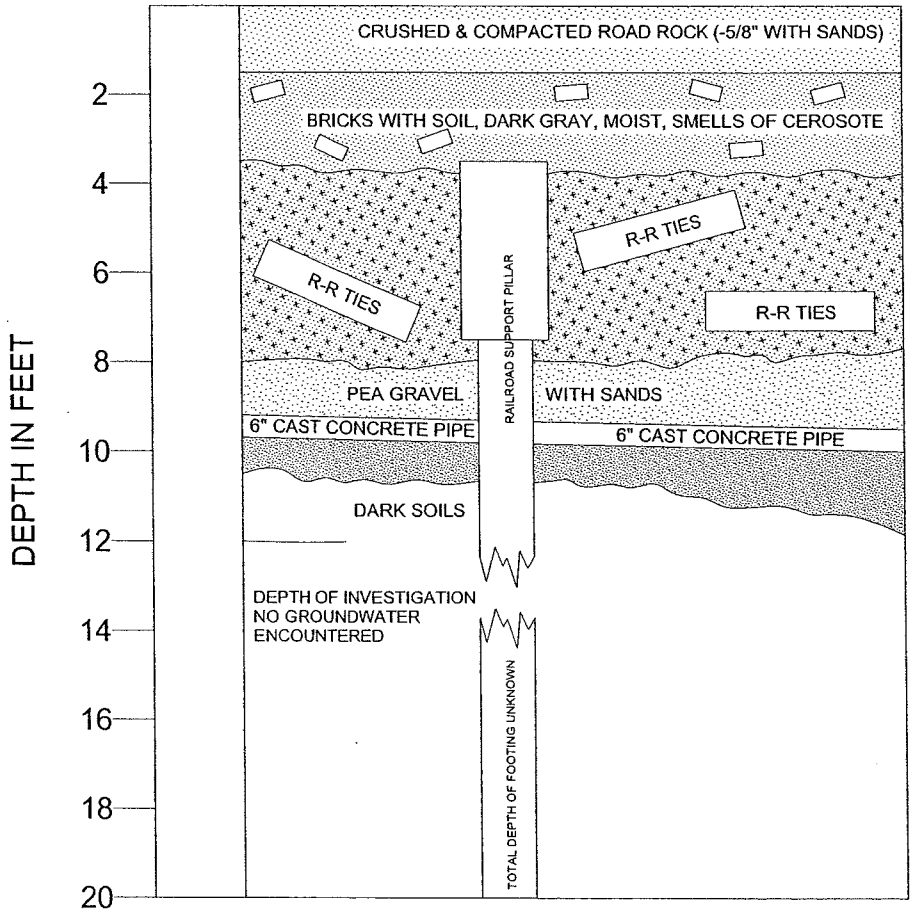
TEST PIT
CROSS-SECTIONS

FIGURE
2

TEST PIT #5



TEST PIT #6



U: DRAFTING/60-2164-01/FIG.3

KLEINFELDER

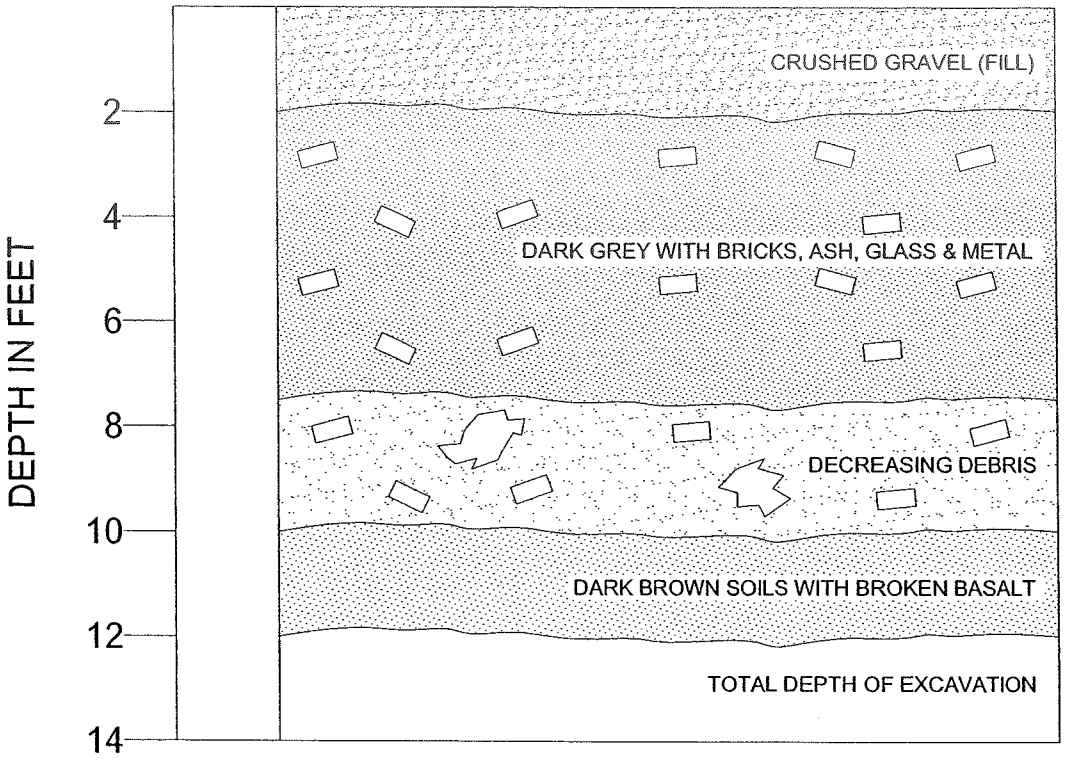
SCHADE TOWER
528 EAST TRENT AVENUE
SPOKANE, WASHINGTON

Project: 60-2164-01 JULY 2001

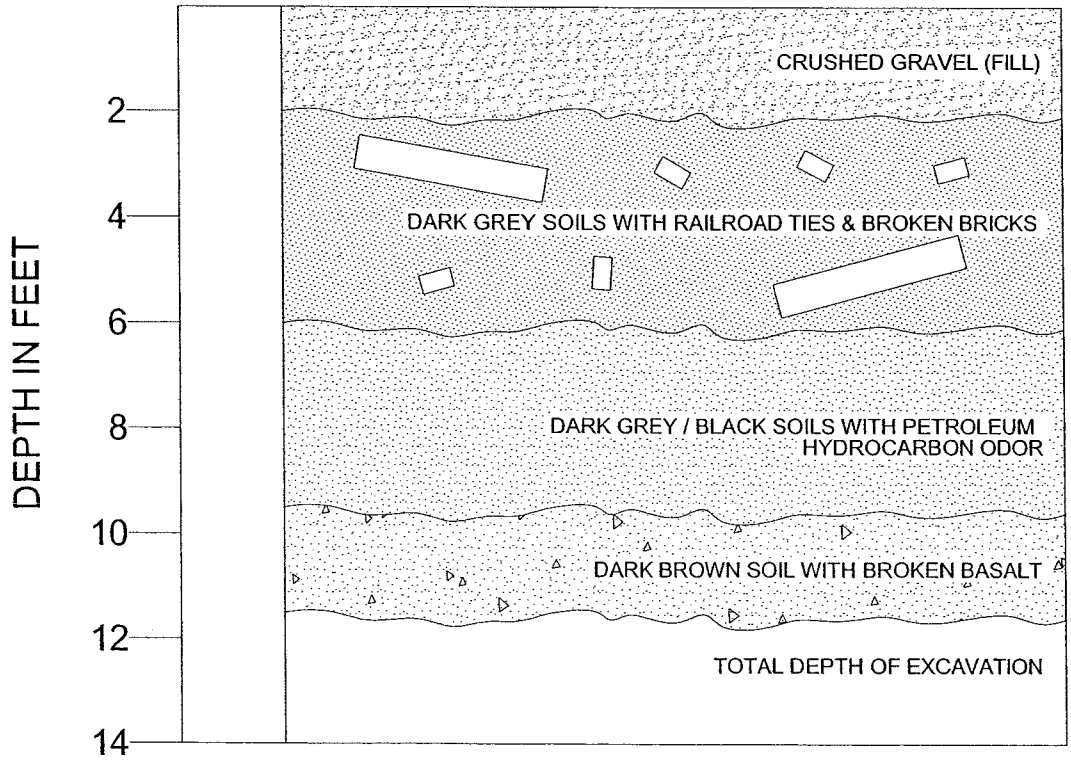
TEST PIT
CROSS-SECTIONS

FIGURE
3

TEST PIT #7



TEST PIT #8



U: DRAFTING/60-2164-01/FIG.4

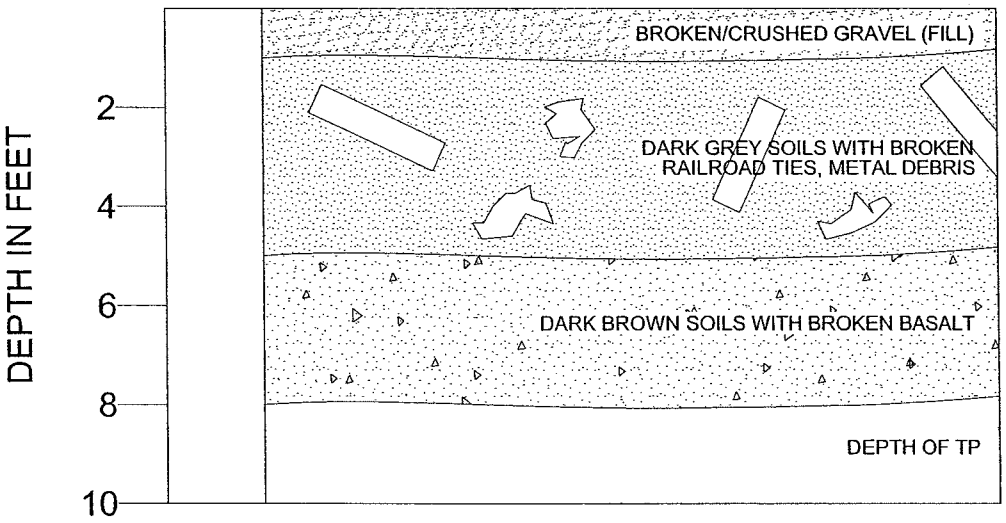
KLEINFELDER

SCHADE TOWER
528 EAST TRENT AVENUE
SPOKANE, WASHINGTON
Project: 60-2164-01 JULY 2001

TEST PIT
CROSS-SECTIONS

FIGURE
4

TEST PIT #9



U: DRAFTING/60-2164-01/FIG.5

KLEINFELDER

SCHADE TOWER
528 EAST TRENT AVENUE
SPOKANE, WASHINGTON

Project: 60-2164-01 JULY 2001

TEST PIT
CROSS-SECTIONS

FIGURE
5

DEPTH (feet)	WELL/PIEZO CONSTRUCTION	WATER LEVEL	TESTING PROGRAM: LABORATORY: MOISTURE CONTENT(%)	PLASTIC LIMIT(%)	LIQUID LIMIT(%)	% PASSING No. 200 SIEVE	FIELD: OTHER TESTS	PID (ppm)	BLOWS/6 in** (uncorrected)	SAMPLER *	SAMPLE NUMBER	U.S.C.S. NAME	U.S.C.S. SYMBOL	SOIL DESCRIPTION
														SURFACE: Asphalt
0														Asphalt
									16		B-1-1.5	GM		Silty GRAVEL, (GM), black, moist, dense.
									18					
									25					
									32					
									11		B-1-4.5			
									37					
									25					
									41			GM		Silty GRAVEL (GM) with boulders
5														
									9		B-1-8.5			
									6					
									5					
									4					
									3		B-1-10.5	ML		Silt (ML), light-brown, wet, soft to hard, trace gravel.
									6					
10									50/1"					
10.5												BSLT		BASALT

Boring terminated at 10.5' bgs on 6/7/01 due to refusal. Groundwater was not encountered during drilling. Boring was backfilled with bentonite on 6/7/01.

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: _____

BY: _____

DATE DRILLED: 6-7-01
LOGGED BY: B. J.
REVIEWED BY: Dennis O'Neill

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 10.5
DIAMETER OF BORING (in): 6'

DRILLING METHOD: HSA
DRILLER: Jasper Mt. Drilling
CASING SIZE: 4'

KLEINFELDER
GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS
SOILS AND MATERIALS TESTING

PROJECT NUMBER: 60-2164-01

Schade Tower
528 East Trent Avenue,
Spokane, WA

BORING LOG
B-1

FIGURE
B - 7

2000 STANDARD IN/OUT 60216401.GPJ 2000REV.GDT 8/6/01

DEPTH (feet)	WELL/PIEZO CONSTRUCTION	WATER LEVEL	TESTING PROGRAM: LABORATORY: MOISTURE CONTENT(%)	PLASTIC LIMIT(%)	LIQUID LIMIT(%)	% PASSING No. 200 SIEVE	FIELD: OTHER TESTS	PID (ppm)	BLOWS/6 in** (uncorrected)	SAMPLER *	SAMPLE NUMBER	U.S.C.S. NAME	U.S.C.S. SYMBOL	SOIL DESCRIPTION
														SURFACE: Asphalt
0									47		B-2-2.5	GM		Asphalt
									50/2"					Silty GRAVEL (GM), gray, moist, very dense.
									45		B-2-4.5			
									26					
									25					
									46			GM		Silty GRAVEL (GM), with boulders.
5									50/3"		B-2-6.5			
									50/4.5"		B-2-8.5			
8.5												BSLT		BASALT

Boring terminated at 8.5' bgs on 6/7/01 due to refusal. No groundwater was encountered during drilling. Boring was backfilled with bentonite on 6/7/01.

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: _____

BY: _____

DATE DRILLED: 6-7-01
LOGGED BY: B. J.
REVIEWED BY: Dennis O'Neill

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 8.5
DIAMETER OF BORING (in): 6'

DRILLING METHOD: HSA
DRILLER: Jasper Mt. Drilling
CASING SIZE: 4'

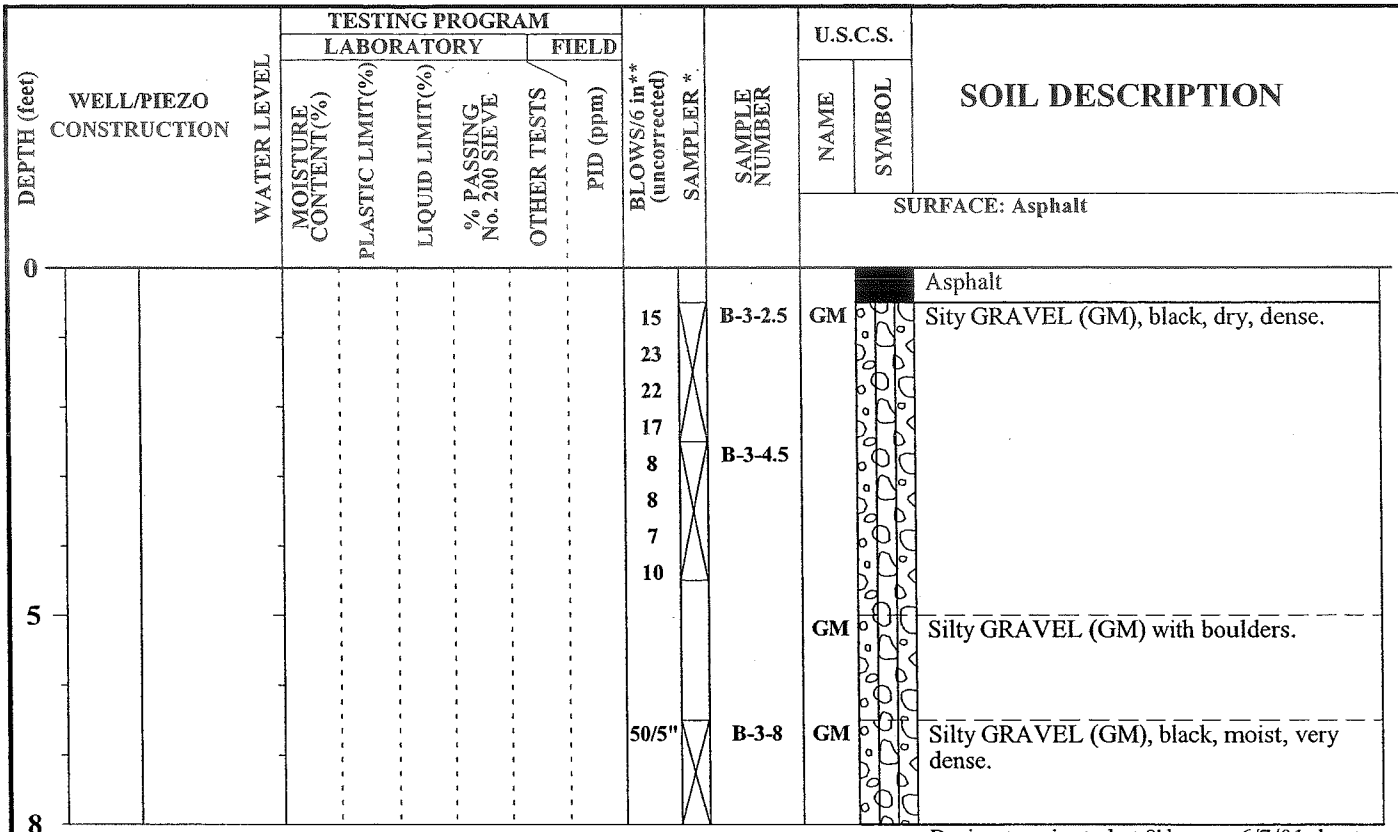
KLEINFELDER
GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS
SOILS AND MATERIALS TESTING
PROJECT NUMBER: 60-2164-01

Schade Tower
528 East Trent Avenue,
Spokane, WA

BORING LOG
B-2

FIGURE
B - 8

2000 STANDARD IN/OUT 60216401.GPJ 2000REV.GDT 8/6/01



Boring terminated at 8' bgs on 6/7/01 due to refusal. No groundwater was encountered during drilling. Boring was backfilled with bentonite on 6/7/01.

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV: _____

BY: _____

DATE DRILLED: 6-7-01
LOGGED BY: B. J.
REVIEWED BY: Dennis O'Neill

SURFACE ELEVATION (feet): N/A
TOTAL DEPTH (feet): 8.0
DIAMETER OF BORING (in): 6'

DRILLING METHOD: HSA
DRILLER: Jasper Mt. Drilling
CASING SIZE: 4'

KLEINFELDER
GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS
SOILS AND MATERIALS TESTING

PROJECT NUMBER: 60-2164-01

Schade Tower
528 East Trent Avenue,
Spokane, WA

BORING LOG
B-3

FIGURE
B - 9

2000 STANDARD IN/OUT 60216401.GPJ 2000REV.GDT 8/6/01

APPENDIX I

SLR
International Corp

Remedial Investigation
Schade Brewery
528 East Trent Avenue
Spokane, Washington

SITE PHOTOGRAPH DESCRIPTIONS
(February 24 through April 20, 2004)

1. View to northeast of the Schade Brewery building from across Front Avenue.
2. View to east of exploratory boring SB2 from Trent Avenue and Front Avenue intersection.
3. View to west of exploratory boring SB5 from northern alley adjacent to Schade Brewery building.
4. View of interior borehole termination and concrete structure at exploratory boring SB4.
5. View to northwest of exploratory boring SB6 near southwest corner of Schade Brewery building.
6. View to west of east side of Schade Brewery building and adjoining Site property.
7. View to west of northern alley along Schade Brewery building.
8. View of test pits TP1 through TP3 locations on eastern portion of Schade Brewery Parcel 35173.0120.
9. View of interior strata and soil/ fill materials within test pit TP1.
10. Close-up view of mixed fill materials within test pit TP1.
11. View of interior strata and soil / fill materials within test pit TP2.
12. View to west of eastern portions of Site and Schade Brewery building from southeast property corner.
13. View to northwest of basalt top-of-slope along Spokane River and northeastern portion of Parcel 35173.0122.
14. View to north of survey stakes delineating the boundary between former Inland Metals property and former Great Northern Pacific Railroad right-of-way in eastern portion of Site.
15. View of interior strata and soil / fill materials within test pit TP4.
16. View of interior strata and soil / fill materials within test pit TP5.
17. View of test pit TP7 location and basalt top-of-slope along Spokane River and northeastern portion of Parcel 35173.0122.
18. View of interior strata and soil / fill materials within test pit TP7.

PHOTOGRAPH NO. 1

PHOTOGRAPH NO. 2

SLR International Corp

APPENDIX I	SITE PHOTOGRAPHS	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	

PHOTOGRAPH NO. 3

PHOTOGRAPH NO. 4

SLR International Corp

APPENDIX I	SITE PHOTOGRAPHS	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	

PHOTOGRAPH NO. 5

PHOTOGRAPH NO. 6

SLR International Corp

APPENDIX I	SITE PHOTOGRAPHS	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	

PHOTOGRAPH NO. 7

PHOTOGRAPH NO. 8

SLR International Corp

APPENDIX I	SITE PHOTOGRAPHS	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	

PHOTOGRAPH NO. 9

PHOTOGRAPH NO. 10

APPENDIX I	**SITE PHOTOGRAPHS**	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	

SLR International Corp

PHOTOGRAPH NO. 11

PHOTOGRAPH NO. 12

SLR International Corp

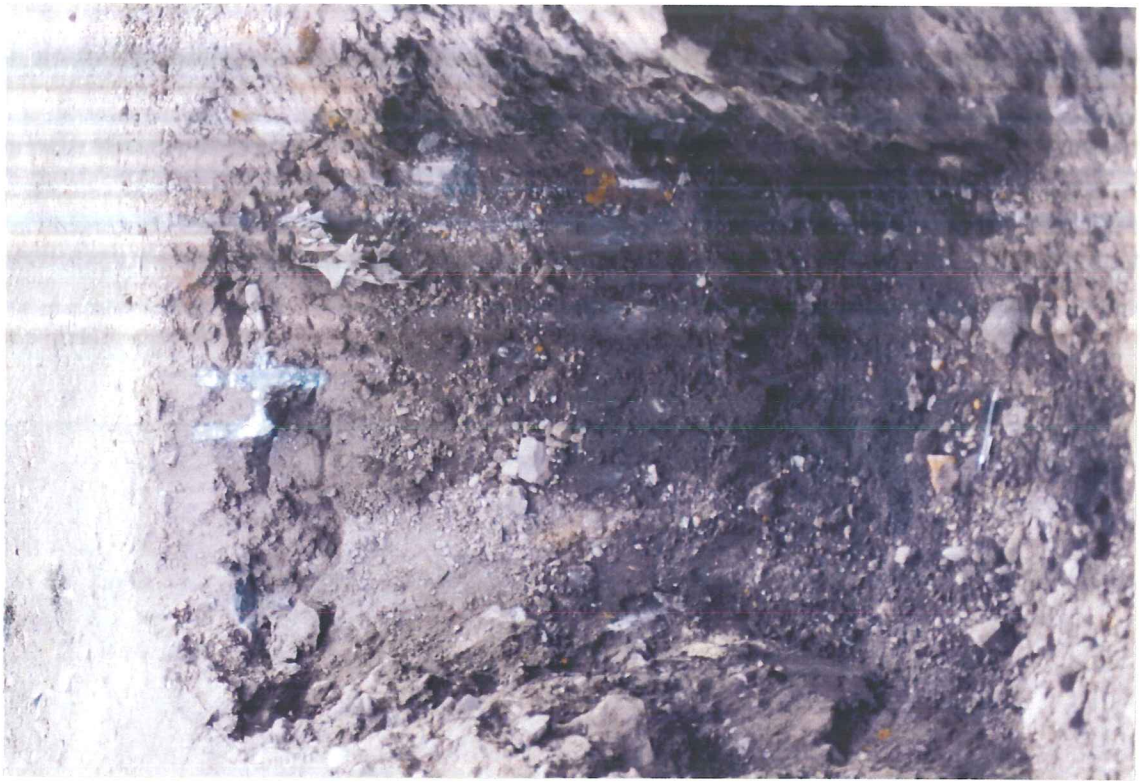
APPENDIX I	SITE PHOTOGRAPHS	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	

PHOTOGRAPH NO. 13

PHOTOGRAPH NO. 14

SLR International Corp

APPENDIX I	SITE PHOTOGRAPHS	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	



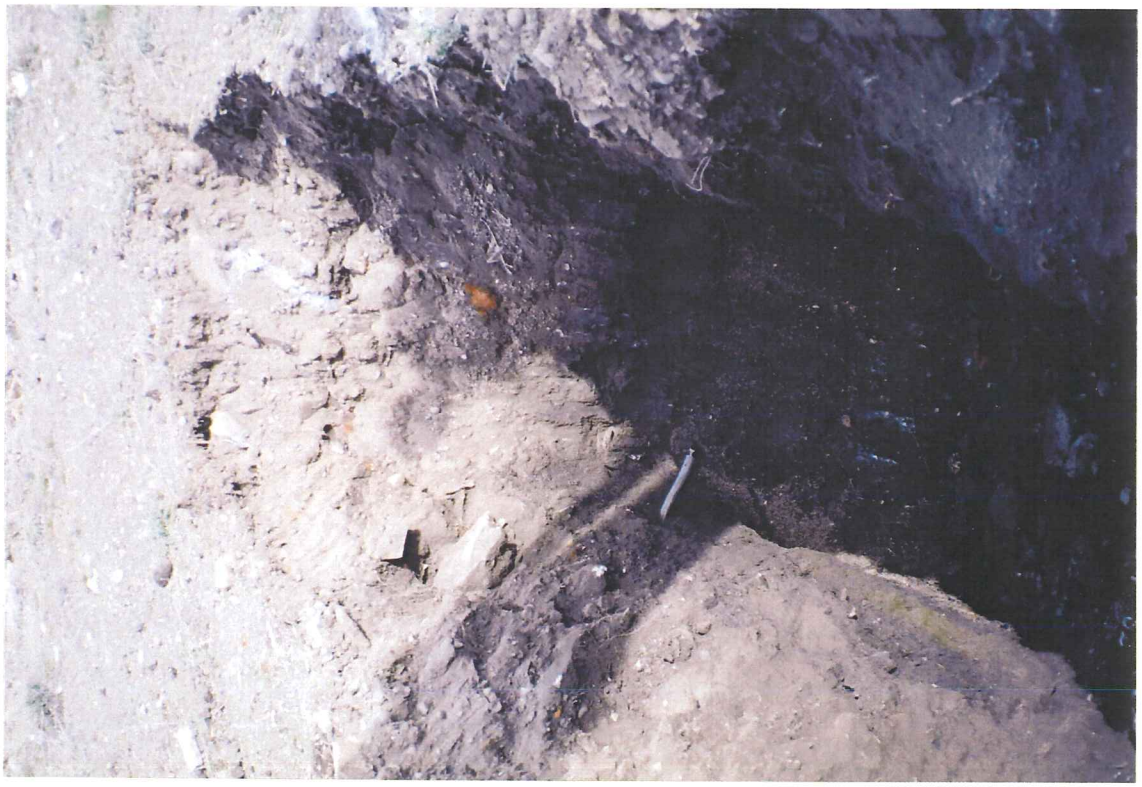
PHOTOGRAPH NO. 15

PHOTOGRAPH NO. 16

SLR International Corp

APPENDIX I	SITE PHOTOGRAPHS	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	

PHOTOGRAPH NO. 17



PHOTOGRAPH NO. 18

SLR International Corp

APPENDIX I	SITE PHOTOGRAPHS	DATE: May 2004
PN 003.0156.00002	Schade Brewery - Remedial Investigation	
SLR International Corp.	528 East Trent Avenue	
Spokane, Washington	Spokane, Washington	

APPENDIX J

SLR
International Corp

www.ncalabs.com

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425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK
99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP1-2.5	S4C0017-01	Soil	03/04/04 10:40	03/04/04 13:09
TP1-7.5	S4C0017-02	Soil	03/04/04 11:17	03/04/04 13:09
TP2-3.5	S4C0017-03	Soil	03/04/04 10:52	03/04/04 13:09
TP2-8	S4C0017-04	Soil	03/04/04 11:25	03/04/04 13:09
TP3-3	S4C0017-05	Soil	03/04/04 11:00	03/04/04 13:09
TP3-7	S4C0017-06	Soil	03/04/04 11:38	03/04/04 13:09
TP3-10	S4C0017-07	Soil	03/04/04 11:50	03/04/04 13:09

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dennis D Wells, Laboratory Director

www.ncalabs.com

Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK
99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Hydrocarbon Identification by NWTPH-HCID

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1-2.5 (S4C0017-01) Soil Sampled: 03/04/04 10:40 Received: 03/04/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030082	03/05/04	03/09/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*89.5 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*92.3 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*92.4 %*	*50-150*			"	"	"	"	
TP1-7.5 (S4C0017-02) Soil Sampled: 03/04/04 11:17 Received: 03/04/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030082	03/05/04	03/09/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*97.6 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*96.4 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*103 %*	*50-150*			"	"	"	"	
TP2-3.5 (S4C0017-03) Soil Sampled: 03/04/04 10:52 Received: 03/04/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030082	03/05/04	03/09/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*94.9 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*95.5 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*101 %*	*50-150*			"	"	"	"	
TP2-8 (S4C0017-04) Soil Sampled: 03/04/04 11:25 Received: 03/04/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030082	03/05/04	03/09/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*97.3 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*96.3 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*105 %*	*50-150*			"	"	"	"	

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Hydrocarbon Identification by NWTPH-HCID

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP3-3 (S4C0017-05) Soil Sampled: 03/04/04 11:00 Received: 03/04/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030082	03/05/04	03/09/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**420**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*56.6 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*47.1 %*	*50-150*			"	"	"	"	*S-05*
Surrogate: p-Terphenyl-d14	*58.5 %*	*50-150*			"	"	"	"	
TP3-7 (S4C0017-06) Soil Sampled: 03/04/04 11:38 Received: 03/04/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030082	03/05/04	03/09/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*93.3 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*93.2 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*109 %*	*50-150*			"	"	"	"	
TP3-10 (S4C0017-07) Soil Sampled: 03/04/04 11:50 Received: 03/04/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030082	03/05/04	03/09/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*91.1 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*91.5 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*106 %*	*50-150*			"	"	"	"	

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Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Total Metals by EPA 6010/7000 Series Methods

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1-2.5 (S4C0017-01) Soil Sampled: 03/04/04 10:40 Received: 03/04/04 13:09									
Arsenic	**9.97**	2.50	mg/kg dry	1	4030072	03/05/04	03/05/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**11.6**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4030067	03/05/04	03/09/04	EPA 7471	
Lead	**10.9**	0.100	mg/kg dry	"	4030072	03/05/04	03/05/04	EPA 6010B	
TP1-7.5 (S4C0017-02) Soil Sampled: 03/04/04 11:17 Received: 03/04/04 13:09									
Arsenic	**9.57**	2.50	mg/kg dry	1	4030072	03/05/04	03/05/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**14.7**	0.500	"	"	"	"	"	"	
Mercury	**0.140**	0.0200	mg/kg	"	4030067	03/05/04	03/09/04	EPA 7471	
Lead	**78.7**	0.100	mg/kg dry	"	4030072	03/05/04	03/05/04	EPA 6010B	
TP2-3.5 (S4C0017-03) Soil Sampled: 03/04/04 10:52 Received: 03/04/04 13:09									
Arsenic	**4.33**	2.50	mg/kg dry	1	4030072	03/05/04	03/05/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**11.9**	0.500	"	"	"	"	"	"	
Mercury	**0.160**	0.0200	mg/kg	"	4030067	03/05/04	03/09/04	EPA 7471	
Lead	**86.9**	0.100	mg/kg dry	"	4030072	03/05/04	03/05/04	EPA 6010B	
TP2-8 (S4C0017-04) Soil Sampled: 03/04/04 11:25 Received: 03/04/04 13:09									
Arsenic	**5.14**	2.50	mg/kg dry	1	4030072	03/05/04	03/05/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**16.1**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4030067	03/05/04	03/09/04	EPA 7471	
Lead	**103**	0.100	mg/kg dry	"	4030072	03/05/04	03/05/04	EPA 6010B	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Total Metals by EPA 6010/7000 Series Methods

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP3-3 (S4C0017-05) Soil Sampled: 03/04/04 11:00 Received: 03/04/04 13:09									
Arsenic	**3.01**	2.50	mg/kg dry	1	4030072	03/05/04	03/05/04	EPA 6010B	
Cadmium	**0.275**	0.200	"	"	"	"	"	"	
Chromium	**11.3**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4030067	03/05/04	03/09/04	EPA 7471	
Lead	**91.6**	0.100	mg/kg dry	"	4030072	03/05/04	03/05/04	EPA 6010B	
TP3-7 (S4C0017-06) Soil Sampled: 03/04/04 11:38 Received: 03/04/04 13:09									
Arsenic	**3.79**	2.50	mg/kg dry	1	4030072	03/05/04	03/05/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**8.39**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4030067	03/05/04	03/09/04	EPA 7471	
Lead	**10.8**	0.100	mg/kg dry	"	4030072	03/05/04	03/05/04	EPA 6010B	
TP3-10 (S4C0017-07) Soil Sampled: 03/04/04 11:50 Received: 03/04/04 13:09									
Arsenic	**2.93**	2.50	mg/kg dry	1	4030072	03/05/04	03/05/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**18.2**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4030067	03/05/04	03/09/04	EPA 7471	
Lead	**126**	0.100	mg/kg dry	"	4030072	03/05/04	03/05/04	EPA 6010B	

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1-2.5 (S4C0017-01) Soil Sampled: 03/04/04 10:40 Received: 03/04/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4030092	03/09/04	03/10/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*181 %*	*33.4-150*			"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl	*154 %*	*40-150*			"	"	"	"	*S-03*
TP1-7.5 (S4C0017-02) Soil Sampled: 03/04/04 11:17 Received: 03/04/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4030092	03/09/04	03/10/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*137 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*138 %*	*40-150*			"	"	"	"	
TP2-3.5 (S4C0017-03) Soil Sampled: 03/04/04 10:52 Received: 03/04/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4030092	03/09/04	03/10/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*131 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*232 %*	*40-150*			"	"	"	"	*S-05*

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP2-8 (S4C0017-04) Soil Sampled: 03/04/04 11:25 Received: 03/04/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4030092	03/09/04	03/10/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*116 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*164 %*	*40-150*			"	"	"	"	*S-05*
TP3-3 (S4C0017-05) Soil Sampled: 03/04/04 11:00 Received: 03/04/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4030092	03/09/04	03/10/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*38.6 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*52.8 %*	*40-150*			"	"	"	"	
TP3-7 (S4C0017-06) Soil Sampled: 03/04/04 11:38 Received: 03/04/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4030092	03/09/04	03/10/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*145 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*142 %*	*40-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP3-10 (S4C0017-07) Soil Sampled: 03/04/04 11:50 Received: 03/04/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4030092	03/09/04	03/10/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*86.6 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*122 %*	*40-150*			"	"	"	"	

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1-2.5 (S4C0017-01) Soil Sampled: 03/04/04 10:40 Received: 03/04/04 13:09									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4030102	03/10/04	03/15/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	ND	0.0100	"	"	"	"	"	"	
Anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	ND	0.0100	"	"	"	"	"	"	
Pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*85.1 %*	*30.9-139*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*67.6 %*	*52.4-135*			"	"	"	"	
TP1-7.5 (S4C0017-02) Soil Sampled: 03/04/04 11:17 Received: 03/04/04 13:09									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4030102	03/10/04	03/15/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.0157**	0.0100	"	"	"	"	"	"	
Naphthalene	**0.0343**	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	**0.0321**	0.0100	"	"	"	"	"	"	
Fluorene	**0.0239**	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.280**	0.0100	"	"	"	"	"	"	
Anthracene	**0.299**	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.311**	0.0100	"	"	"	"	"	"	
Pyrene	**0.424**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.203**	0.0100	"	"	"	"	"	"	
Chrysene	**0.172**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.119**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.116**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.176**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	**0.0381**	0.0100	"	"	"	"	"	"	

North Creek Analytical - Spokane

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1-7.5 (S4C0017-02) Soil Sampled: 03/04/04 11:17 Received: 03/04/04 13:09									
Indeno (1,2,3-cd) pyrene	**0.0881**	0.0100	mg/kg dry	1	4030102	03/10/04	03/15/04	EPA 8270 mod.	
Benzo (ghi) perylene	**0.0971**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*87.9 %*	*30.9-139*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*80.7 %*	*52.4-135*			"	"	"	"	
TP2-3.5 (S4C0017-03) Soil Sampled: 03/04/04 10:52 Received: 03/04/04 13:09									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4030102	03/10/04	03/15/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.0105**	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	**0.0240**	0.0100	"	"	"	"	"	"	
Fluorene	**0.0165**	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.287**	0.0100	"	"	"	"	"	"	
Anthracene	**0.307**	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.414**	0.0100	"	"	"	"	"	"	
Pyrene	**0.573**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.301**	0.0100	"	"	"	"	"	"	
Chrysene	**0.250**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.191**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.181**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.260**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	**0.0255**	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.113**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.111**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*83.2 %*	*30.9-139*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*74.4 %*	*52.4-135*			"	"	"	"	

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP2-8 (S4C0017-04) Soil Sampled: 03/04/04 11:25 Received: 03/04/04 13:09									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4030102	03/10/04	03/15/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	**0.0146**	0.0100	"	"	"	"	"	"	
Fluorene	**0.0102**	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.144**	0.0100	"	"	"	"	"	"	
Anthracene	**0.154**	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.178**	0.0100	"	"	"	"	"	"	
Pyrene	**0.247**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.124**	0.0100	"	"	"	"	"	"	
Chrysene	**0.104**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.0811**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.0759**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.111**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	**0.0270**	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0518**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.0518**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*78.1 %*	*30.9-139*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*71.0 %*	*52.4-135*			"	"	"	"	
TP3-3 (S4C0017-05) Soil Sampled: 03/04/04 11:00 Received: 03/04/04 13:09									
1-Methylnapthalene	ND	0.100	mg/kg dry	10	4030102	03/10/04	03/15/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.100	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Acenaphthene	ND	0.100	"	"	"	"	"	"	
Fluorene	ND	0.100	"	"	"	"	"	"	
Phenanthrene	**0.121**	0.100	"	"	"	"	"	"	
Anthracene	**0.137**	0.100	"	"	"	"	"	"	
Fluoranthene	ND	0.100	"	"	"	"	"	"	
Pyrene	**0.182**	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.121**	0.100	"	"	"	"	"	"	
Chrysene	**0.167**	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.167**	0.100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP3-3 (S4C0017-05) Soil Sampled: 03/04/04 11:00 Received: 03/04/04 13:09									
Indeno (1,2,3-cd) pyrene	ND	0.100	mg/kg dry	10	4030102	03/10/04	03/15/04	EPA 8270 mod.	
Benzo (ghi) perylene	**0.213**	0.100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*83.9 %*	*30.9-139*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*95.8 %*	*52.4-135*			"	"	"	"	
TP3-7 (S4C0017-06) Soil Sampled: 03/04/04 11:38 Received: 03/04/04 13:09									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4030102	03/10/04	03/15/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.0780**	0.0100	"	"	"	"	"	"	
Anthracene	**0.0835**	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.0897**	0.0100	"	"	"	"	"	"	
Pyrene	**0.142**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0676**	0.0100	"	"	"	"	"	"	
Chrysene	**0.0607**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.0393**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.0373**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0552**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	**0.0104**	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0235**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.0324**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*84.3 %*	*30.9-139*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*79.1 %*	*52.4-135*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP3-10 (S4C0017-07) Soil Sampled: 03/04/04 11:50 Received: 03/04/04 13:09									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4030102	03/10/04	03/15/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	**0.0164**	0.0100	"	"	"	"	"	"	
Fluorene	**0.0141**	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.204**	0.0100	"	"	"	"	"	"	
Anthracene	**0.219**	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.241**	0.0100	"	"	"	"	"	"	
Pyrene	**0.358**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.171**	0.0100	"	"	"	"	"	"	
Chrysene	**0.140**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.108**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.103**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.147**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	**0.0305**	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0603**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.0595**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*88.0 %*	*30.9-139*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*84.4 %*	*52.4-135*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Conventional Chemistry Parameters by APHA/EPA Methods

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1-2.5 (S4C0017-01) Soil Sampled: 03/04/04 10:40 Received: 03/04/04 13:09									
% Solids	**95.6**	0.0100	% by Weight	1	4030071	03/05/04	03/08/04	Gravimetry	
TP1-7.5 (S4C0017-02) Soil Sampled: 03/04/04 11:17 Received: 03/04/04 13:09									
% Solids	**89.3**	0.0100	% by Weight	1	4030071	03/05/04	03/08/04	Gravimetry	
TP2-3.5 (S4C0017-03) Soil Sampled: 03/04/04 10:52 Received: 03/04/04 13:09									
% Solids	**88.8**	0.0100	% by Weight	1	4030071	03/05/04	03/08/04	Gravimetry	
TP2-8 (S4C0017-04) Soil Sampled: 03/04/04 11:25 Received: 03/04/04 13:09									
% Solids	**91.3**	0.0100	% by Weight	1	4030071	03/05/04	03/08/04	Gravimetry	
TP3-3 (S4C0017-05) Soil Sampled: 03/04/04 11:00 Received: 03/04/04 13:09									
% Solids	**87.8**	0.0100	% by Weight	1	4030071	03/05/04	03/08/04	Gravimetry	
TP3-7 (S4C0017-06) Soil Sampled: 03/04/04 11:38 Received: 03/04/04 13:09									
% Solids	**96.6**	0.0100	% by Weight	1	4030071	03/05/04	03/08/04	Gravimetry	
TP3-10 (S4C0017-07) Soil Sampled: 03/04/04 11:50 Received: 03/04/04 13:09									
% Solids	**85.2**	0.0100	% by Weight	1	4030071	03/05/04	03/08/04	Gravimetry	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Hydrocarbon Identification by NWTPH-HCID - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030082: Prepared 03/05/04 Using HCID (NW)										
Blank (4030082-BLK1)										
Gasoline Range Hydrocarbons	ND	20	mg/kg wet							
Diesel Range Hydrocarbons	ND	50	"							
Heavy Oil Range Hydrocarbons	ND	100	"							
Surrogate: 4-BFB (FID)	*40.8*		"	*40.2*		*101*	*50-150*			
Surrogate: 2-FBP	*41.5*		"	*39.9*		*104*	*50-150*			
Surrogate: p-Terphenyl-d14	*40.8*		"	*40.2*		*101*	*50-150*			
Duplicate (4030082-DUP1)					**Source: S4C0017-07**					
Gasoline Range Hydrocarbons	ND	20	mg/kg dry		0.60			16.7	25	
Diesel Range Hydrocarbons	ND	50	"		13			71.5	25	
Heavy Oil Range Hydrocarbons	ND	100	"		14			26.6	25	
Surrogate: 4-BFB (FID)	*43.2*		"	*47.2*		*91.5*	*50-150*			
Surrogate: 2-FBP	*42.6*		"	*46.8*		*91.0*	*50-150*			
Surrogate: p-Terphenyl-d14	*50.8*		"	*47.2*		*108*	*50-150*			

North Creek Analytical - Spokane

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3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Total Metals by EPA 6010/7000 Series Methods - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030067: Prepared 03/05/04 Using EPA 7000 series										
Blank (4030067-BLK1)										
Mercury	ND	0.0200	mg/kg							
LCS (4030067-BS1)										
Mercury	0.700	0.0200	mg/kg	0.600		117	75-125			
Duplicate (4030067-DUP1)					**Source: S4C0017-01**					
Mercury	ND	0.0200	mg/kg		ND				25	
Matrix Spike (4030067-MS1)					**Source: S4C0017-01**					
Mercury	0.178	0.0200	mg/kg	0.200	ND	89.0	75-125			
Matrix Spike Dup (4030067-MSD1)					**Source: S4C0017-01**					
Mercury	0.166	0.0200	mg/kg	0.200	ND	83.0	75-125	6.98	25	
Batch 4030072: Prepared 03/05/04 Using Metals										
Blank (4030072-BLK1)										
Arsenic	ND	2.50	mg/kg wet							
Cadmium	0.235	0.200	"							
Chromium	ND	0.500	"							
Lead	0.566	0.100	"							
LCS (4030072-BS1)										
Arsenic	46.9	2.50	mg/kg wet	50.5		92.9	80-140			
Cadmium	48.6	0.200	"	50.0		97.2	70-140			
Chromium	53.6	0.500	"	50.0		107	70-135			
Lead	49.9	0.100	"	50.5		98.8	70-135			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Total Metals by EPA 6010/7000 Series Methods - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030072: Prepared 03/05/04 Using Metals										
Duplicate (4030072-DUP1)					**Source: S4C0017-07**					
Arsenic	3.34	2.50	mg/kg dry		2.93			13.1	20	
Cadmium	ND	0.200	"		ND				20	
Chromium	13.3	0.500	"		18.2			31.1	20	Q-10
Lead	90.8	0.100	"		126			32.5	20	Q-10
Matrix Spike (4030072-MS1)					**Source: S4C0017-07**					
Arsenic	59.2	2.50	mg/kg dry	59.3	2.93	94.9	70-130			
Cadmium	59.8	0.200	"	58.6	ND	102	70-130			
Chromium	72.1	0.500	"	58.7	18.2	91.8	70-130			
Lead	126	0.100	"	59.3	126	0.00	70-130			Q-02
Matrix Spike Dup (4030072-MSD1)					**Source: S4C0017-07**					
Arsenic	57.8	2.50	mg/kg dry	59.3	2.93	92.5	70-130	2.39	20	
Cadmium	59.4	0.200	"	58.6	ND	101	70-130	0.671	20	
Chromium	72.5	0.500	"	58.7	18.2	92.5	70-130	0.553	20	
Lead	124	0.100	"	59.3	126	-3.37	70-130	1.60	20	Q-02

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030092: Prepared 03/09/04 Using EPA 3550B										
Blank (4030092-BLK1)										
PCB-1016	ND	50.0	ug/kg wet							
PCB-1221	ND	50.0	"							
PCB-1232	ND	50.0	"							
PCB-1242	ND	50.0	"							
PCB-1248	ND	50.0	"							
PCB-1254	ND	50.0	"							
PCB-1260	ND	50.0	"							
Surrogate: TCX	*7.09*		"	*6.67*		*106*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*7.25*		"	*6.67*		*109*	*40-150*			
LCS (4030092-BS1)										
PCB-1016	199	50.0	ug/kg wet	167		119	50-150			
PCB-1260	261	50.0	"	167		156	49-140			Q-01
Surrogate: TCX	*7.56*		"	*6.67*		*113*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*7.96*		"	*6.67*		*119*	*40-150*			
Matrix Spike (4030092-MS1)					**Source: S4C0017-06**					
PCB-1016	298	50.0	ug/kg dry	173	ND	172	50-150			Q-01
PCB-1260	370	50.0	"	173	ND	214	47-155			Q-01
Surrogate: TCX	*13.6*		"	*6.90*		*197*	*33.4-150*			*S-03*
Surrogate: Decachlorobiphenyl	*12.2*		"	*6.90*		*177*	*40-150*			*S-03*
Matrix Spike Dup (4030092-MSD1)					**Source: S4C0017-06**					
PCB-1016	244	50.0	ug/kg dry	173	ND	141	50-150	19.9	25	
PCB-1260	285	50.0	"	173	ND	165	47-155	26.0	48	Q-01
Surrogate: TCX	*10.1*		"	*6.90*		*146*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*9.41*		"	*6.90*		*136*	*40-150*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030102: Prepared 03/10/04 Using EPA 3550B										
Blank (4030102-BLK1)										
1-Methylnapthalene	ND	0.0100	mg/kg wet							
2-Methylnaphthalene	ND	0.0100	"							
Naphthalene	ND	0.0100	"							
Acenaphthylene	ND	0.0100	"							
Acenaphthene	ND	0.0100	"							
Fluorene	ND	0.0100	"							
Phenanthrene	ND	0.0100	"							
Anthracene	ND	0.0100	"							
Fluoranthene	ND	0.0100	"							
Pyrene	ND	0.0100	"							
Benzo (a) anthracene	ND	0.0100	"							
Chrysene	ND	0.0100	"							
Benzo (b) fluoranthene	ND	0.0100	"							
Benzo (k) fluoranthene	ND	0.0100	"							
Benzo (a) pyrene	ND	0.0100	"							
Dibenzo (a,h) anthracene	ND	0.0100	"							
Indeno (1,2,3-cd) pyrene	ND	0.0100	"							
Benzo (ghi) perylene	ND	0.0100	"							
Surrogate: Nitrobenzene-d5	*0.291*		"	*0.333*		*87.4*	*30.9-139*			
Surrogate: p-Terphenyl-d14	*0.229*		"	*0.333*		*68.8*	*52.4-135*			
LCS (4030102-BS1)										
Naphthalene	0.134	0.0100	mg/kg wet	0.167		80.2	46.3-135			
Fluorene	0.123	0.0100	"	0.167		73.7	47.6-135			
Chrysene	0.119	0.0100	"	0.167		71.3	38.5-135			
Indeno (1,2,3-cd) pyrene	0.130	0.0100	"	0.167		77.8	37.8-135			
Surrogate: Nitrobenzene-d5	*0.308*		"	*0.333*		*92.5*	*30.9-139*			
Surrogate: p-Terphenyl-d14	*0.236*		"	*0.333*		*70.9*	*52.4-135*			

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030102: Prepared 03/10/04 Using EPA 3550B										
Matrix Spike (4030102-MS1)					**Source: S4C0017-02**					
Naphthalene	0.161	0.0100	mg/kg dry	0.187	0.0343	67.8	46.3-135			
Fluorene	0.163	0.0100	"	0.187	0.0239	74.4	47.6-135			
Chrysene	0.309	0.0100	"	0.187	0.172	73.3	38.5-135			
Indeno (1,2,3-cd) pyrene	0.201	0.0100	"	0.187	0.0881	60.4	37.8-135			
Surrogate: Nitrobenzene-d5	*0.337*		"	*0.373*		*90.3*	*30.9-139*			
Surrogate: p-Terphenyl-d14	*0.276*		"	*0.373*		*74.0*	*52.4-135*			
Matrix Spike Dup (4030102-MSD1)					**Source: S4C0017-02**					
Naphthalene	0.155	0.0100	mg/kg dry	0.187	0.0343	64.5	46.3-135	3.80	25	
Fluorene	0.168	0.0100	"	0.187	0.0239	77.1	47.6-135	3.02	25	
Chrysene	0.326	0.0100	"	0.187	0.172	82.4	38.5-135	5.35	25	
Indeno (1,2,3-cd) pyrene	0.199	0.0100	"	0.187	0.0881	59.3	37.8-135	1.00	25	
Surrogate: Nitrobenzene-d5	*0.315*		"	*0.373*		*84.5*	*30.9-139*			
Surrogate: p-Terphenyl-d14	*0.267*		"	*0.373*		*71.6*	*52.4-135*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	03/16/04 09:28

Notes and Definitions

Q-01	The spike recovery for this QC sample is outside of NCA established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
Q-02	The spike recovery for this QC sample is outside of NCA established control limits due to sample matrix interference.
Q-10	The RPD value for this QC sample is outside of the NCA established advisory limit. Review of associated batch QC indicates this doe not represent an out of control condition for the batch.
S-03	The surrogate recovery for sample is outside of NCA established control limits.
S-05	The surrogate recovery for this sample is outside of NCA established control limits. The alternate surrogate has been used to validate the sample result.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP4-2	S4C0102-01	Soil	03/23/04 10:10	03/23/04 13:09
TP4-5	S4C0102-02	Soil	03/23/04 10:25	03/23/04 13:09
TP5-2	S4C0102-03	Soil	03/23/04 10:20	03/23/04 13:09
TP5-3.5	S4C0102-04	Soil	03/23/04 10:45	03/23/04 13:09
TP6-2.5	S4C0102-05	Soil	03/23/04 10:30	03/23/04 13:09
TP6-6	S4C0102-06	Soil	03/23/04 10:55	03/23/04 13:09
TP7-2.5	S4C0102-07	Soil	03/23/04 11:15	03/23/04 13:09
TP7-5.5	S4C0102-08	Soil	03/23/04 11:25	03/23/04 13:09

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SLR International Corp
3810 E. Boone Ave., Suite 306
Spokane WA, 99202

Project: Schade Brewery
Project Number: 003.0156.00002
Project Manager: Jeff Leppo

Reported:
04/14/04 09:31

Hydrocarbon Identification by NWTPH-HCID
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP4-2 (S4C0102-01) Soil Sampled: 03/23/04 10:10 Received: 03/23/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030228	03/29/04	03/30/04	NWTPH-HCID	
Diesel Range Hydrocarbons	**69**	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**240**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*106 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*103 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*110 %*	*50-150*			"	"	"	"	
TP4-5 (S4C0102-02) Soil Sampled: 03/23/04 10:25 Received: 03/23/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030228	03/29/04	03/30/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**130**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*111 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*111 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*105 %*	*50-150*			"	"	"	"	
TP5-2 (S4C0102-03) Soil Sampled: 03/23/04 10:20 Received: 03/23/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030228	03/29/04	03/30/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**230**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*105 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*103 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*108 %*	*50-150*			"	"	"	"	
TP5-3.5 (S4C0102-04) Soil Sampled: 03/23/04 10:45 Received: 03/23/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030228	03/29/04	03/30/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*108 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*109 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*110 %*	*50-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Hydrocarbon Identification by NWTPH-HCID

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP6-2.5 (S4C0102-05) Soil Sampled: 03/23/04 10:30 Received: 03/23/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030228	03/29/04	03/30/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*109 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*105 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*108 %*	*50-150*			"	"	"	"	
TP6-6 (S4C0102-06) Soil Sampled: 03/23/04 10:55 Received: 03/23/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030228	03/29/04	03/30/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*108 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*108 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*108 %*	*50-150*			"	"	"	"	
TP7-2.5 (S4C0102-07) Soil Sampled: 03/23/04 11:15 Received: 03/23/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030228	03/29/04	03/30/04	NWTPH-HCID	
Diesel Range Hydrocarbons	**63**	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**300**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*111 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*107 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*116 %*	*50-150*			"	"	"	"	
TP7-5.5 (S4C0102-08) Soil Sampled: 03/23/04 11:25 Received: 03/23/04 13:09									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4030228	03/29/04	03/30/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*107 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*105 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*111 %*	*50-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Total Metals by EPA 6010/7000 Series Methods

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP4-2 (S4C0102-01) Soil Sampled: 03/23/04 10:10 Received: 03/23/04 13:09									
Arsenic	**8.49**	2.50	mg/kg dry	1	4030251	03/31/04	04/01/04	EPA 6010B	
Cadmium	**1.97**	0.200	"	"	"	"	"	"	
Chromium	**16.0**	0.500	"	"	"	"	"	"	
Lead	**690**	0.100	"	"	"	"	"	"	
TP4-5 (S4C0102-02) Soil Sampled: 03/23/04 10:25 Received: 03/23/04 13:09									
Arsenic	**7.33**	2.50	mg/kg dry	1	4030251	03/31/04	04/01/04	EPA 6010B	
Cadmium	**0.955**	0.200	"	"	"	"	"	"	
Chromium	**20.2**	0.500	"	"	"	"	"	"	
Lead	**341**	0.100	"	"	"	"	"	"	
TP5-2 (S4C0102-03) Soil Sampled: 03/23/04 10:20 Received: 03/23/04 13:09									
Arsenic	**6.03**	2.50	mg/kg dry	1	4030251	03/31/04	04/01/04	EPA 6010B	
Cadmium	**9.37**	0.200	"	"	"	"	"	"	
Chromium	**30.7**	0.500	"	"	"	"	"	"	
Lead	**2520**	0.100	"	"	"	"	"	"	
TP5-3.5 (S4C0102-04) Soil Sampled: 03/23/04 10:45 Received: 03/23/04 13:09									
Arsenic	ND	2.50	mg/kg dry	1	4030251	03/31/04	04/01/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**16.4**	0.500	"	"	"	"	"	"	
Lead	**9.31**	0.100	"	"	"	"	"	"	
TP6-2.5 (S4C0102-05) Soil Sampled: 03/23/04 10:30 Received: 03/23/04 13:09									
Arsenic	**3.15**	2.50	mg/kg dry	1	4030251	03/31/04	04/01/04	EPA 6010B	
Cadmium	**0.349**	0.200	"	"	"	"	"	"	
Chromium	**14.4**	0.500	"	"	"	"	"	"	
Lead	**97.5**	0.100	"	"	"	"	"	"	

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Total Metals by EPA 6010/7000 Series Methods
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP6-6 (S4C0102-06) Soil Sampled: 03/23/04 10:55 Received: 03/23/04 13:09									
Arsenic	ND	2.50	mg/kg dry	1	4030251	03/31/04	04/01/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**5.62**	0.500	"	"	"	"	"	"	
Lead	**13.8**	0.100	"	"	"	"	"	"	
TP7-2.5 (S4C0102-07) Soil Sampled: 03/23/04 11:15 Received: 03/23/04 13:09									
Arsenic	**32.3**	2.50	mg/kg dry	1	4030251	03/31/04	04/01/04	EPA 6010B	
Cadmium	**8.91**	0.200	"	"	"	"	"	"	
Chromium	**39.0**	0.500	"	"	"	"	"	"	
Lead	**2200**	0.100	"	"	"	"	"	"	
TP7-5.5 (S4C0102-08) Soil Sampled: 03/23/04 11:25 Received: 03/23/04 13:09									
Arsenic	ND	2.50	mg/kg dry	1	4030251	03/31/04	04/01/04	EPA 6010B	
Cadmium	**0.872**	0.200	"	"	"	"	"	"	
Chromium	**12.3**	0.500	"	"	"	"	"	"	
Lead	**144**	0.100	"	"	"	"	"	"	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP4-2 (S4C0102-01) Soil Sampled: 03/23/04 10:10 Received: 03/23/04 13:09									
PCB-1016	ND	500	ug/kg dry	10	4040001	04/01/04	04/05/04	EPA 8082	
PCB-1221	ND	500	"	"	"	"	"	"	
PCB-1232	ND	500	"	"	"	"	"	"	
PCB-1242	ND	500	"	"	"	"	"	"	
PCB-1248	ND	500	"	"	"	"	"	"	
PCB-1254	ND	500	"	"	"	"	"	"	
PCB-1260	**562**	500	"	"	"	"	"	"	
Surrogate: TCX	*98.8 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*180 %*	*40-150*			"	"	"	"	*S-02*
TP4-5 (S4C0102-02) Soil Sampled: 03/23/04 10:25 Received: 03/23/04 13:09									
PCB-1016	ND	500	ug/kg dry	10	4040001	04/01/04	04/05/04	EPA 8082	
PCB-1221	ND	500	"	"	"	"	"	"	
PCB-1232	ND	500	"	"	"	"	"	"	
PCB-1242	ND	500	"	"	"	"	"	"	
PCB-1248	ND	500	"	"	"	"	"	"	
PCB-1254	ND	500	"	"	"	"	"	"	
PCB-1260	ND	500	"	"	"	"	"	"	
Surrogate: TCX	*133 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*284 %*	*40-150*			"	"	"	"	*S-02*
TP5-2 (S4C0102-03) Soil Sampled: 03/23/04 10:20 Received: 03/23/04 13:09									
PCB-1016	ND	500	ug/kg dry	10	4040001	04/01/04	04/05/04	EPA 8082	
PCB-1221	ND	500	"	"	"	"	"	"	
PCB-1232	ND	500	"	"	"	"	"	"	
PCB-1242	ND	500	"	"	"	"	"	"	
PCB-1248	ND	500	"	"	"	"	"	"	
PCB-1254	ND	500	"	"	"	"	"	"	
PCB-1260	**6140**	500	"	"	"	"	"	"	
Surrogate: TCX	*138 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*668 %*	*40-150*			"	"	"	"	*S-02*

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP5-3.5 (S4C0102-04) Soil Sampled: 03/23/04 10:45 Received: 03/23/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4040001	04/01/04	04/05/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*94.9 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*163 %*	*40-150*			"	"	"	"	*S-02*
TP6-2.5 (S4C0102-05) Soil Sampled: 03/23/04 10:30 Received: 03/23/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4040001	04/01/04	04/05/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	**224**	50.0	"	"	"	"	"	"	
Surrogate: TCX	*95.9 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*119 %*	*40-150*			"	"	"	"	
TP6-6 (S4C0102-06) Soil Sampled: 03/23/04 10:55 Received: 03/23/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4040001	04/01/04	04/05/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*116 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*118 %*	*40-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP7-2.5 (S4C0102-07) Soil Sampled: 03/23/04 11:15 Received: 03/23/04 13:09									
PCB-1016	ND	500	ug/kg dry	10	4040001	04/01/04	04/05/04	EPA 8082	
PCB-1221	ND	500	"	"	"	"	"	"	
PCB-1232	ND	500	"	"	"	"	"	"	
PCB-1242	ND	500	"	"	"	"	"	"	
PCB-1248	ND	500	"	"	"	"	"	"	
PCB-1254	ND	500	"	"	"	"	"	"	
PCB-1260	**3420**	500	"	"	"	"	"	"	
Surrogate: TCX	*123 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*931 %*	*40-150*			"	"	"	"	*S-02*
TP7-5.5 (S4C0102-08) Soil Sampled: 03/23/04 11:25 Received: 03/23/04 13:09									
PCB-1016	ND	50.0	ug/kg dry	1	4040001	04/01/04	04/05/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	**230**	50.0	"	"	"	"	"	"	
Surrogate: TCX	*121 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*181 %*	*40-150*			"	"	"	"	*S-02*

North Creek Analytical - Spokane

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP4-2 (S4C0102-01) Soil Sampled: 03/23/04 10:10 Received: 03/23/04 13:09									
1-Methylnapthalene	**0.213**	0.100	mg/kg dry	10	4040018	04/02/04	04/07/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.161**	0.100	"	"	"	"	"	"	
Acenaphthene	**0.301**	0.100	"	"	"	"	"	"	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Anthracene	**1.45**	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.851**	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.968**	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**1.57**	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.235**	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.770**	0.100	"	"	"	"	"	"	
Chrysene	**1.06**	0.100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	**2.41**	0.100	"	"	"	"	"	"	
Fluorene	**0.191**	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.110**	0.100	"	"	"	"	"	"	
Naphthalene	**0.132**	0.100	"	"	"	"	"	"	
Phenanthrene	**1.65**	0.100	"	"	"	"	"	"	
Pyrene	**2.17**	0.100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*71.9 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*70.0 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*85.8 %*	*52.4-135*			"	"	"	"	
TP4-5 (S4C0102-02) Soil Sampled: 03/23/04 10:25 Received: 03/23/04 13:09									
1-Methylnapthalene	**0.164**	0.100	mg/kg dry	10	4040018	04/02/04	04/07/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.126**	0.100	"	"	"	"	"	"	
Acenaphthene	ND	0.100	"	"	"	"	"	"	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Anthracene	**0.164**	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.171**	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.216**	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.424**	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.208**	0.100	"	"	"	"	"	"	
Chrysene	**0.268**	0.100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	**0.438**	0.100	"	"	"	"	"	"	
Fluorene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP4-5 (S4C0102-02) Soil Sampled: 03/23/04 10:25 Received: 03/23/04 13:09									
Naphthalene	ND	0.100	mg/kg dry	10	4040018	04/02/04	04/07/04	EPA 8270 mod.	
Phenanthrene	**0.193**	0.100	"	"	"	"	"	"	
Pyrene	**0.349**	0.100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*68.0 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*69.9 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*72.0 %*	*52.4-135*			"	"	"	"	
TP5-2 (S4C0102-03) Soil Sampled: 03/23/04 10:20 Received: 03/23/04 13:09									
1-Methylnapthalene	**0.261**	0.100	mg/kg dry	10	4040018	04/02/04	04/07/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.197**	0.100	"	"	"	"	"	"	
Acenaphthene	**0.229**	0.100	"	"	"	"	"	"	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Anthracene	**1.18**	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.585**	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.671**	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**1.11**	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.798**	0.100	"	"	"	"	"	"	
Chrysene	**0.790**	0.100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	**1.90**	0.100	"	"	"	"	"	"	
Fluorene	**0.158**	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	
Naphthalene	**0.134**	0.100	"	"	"	"	"	"	
Phenanthrene	**1.45**	0.100	"	"	"	"	"	"	
Pyrene	**1.60**	0.100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*66.1 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*60.0 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*68.1 %*	*52.4-135*			"	"	"	"	

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Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP5-3.5 (S4C0102-04) Soil Sampled: 03/23/04 10:45 Received: 03/23/04 13:09									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4040018	04/02/04	04/07/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	ND	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	ND	0.0100	"	"	"	"	"	"	
Pyrene	ND	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*81.1 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*79.5 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*94.5 %*	*52.4-135*			"	"	"	"	
TP6-2.5 (S4C0102-05) Soil Sampled: 03/23/04 10:30 Received: 03/23/04 13:09									
1-Methylnapthalene	**0.137**	0.0100	mg/kg dry	1	4040018	04/02/04	04/07/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.0752**	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	**0.0353**	0.0100	"	"	"	"	"	"	
Anthracene	**0.146**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.189**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.220**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.176**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.121**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.186**	0.0100	"	"	"	"	"	"	
Chrysene	**0.182**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.387**	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0985**	0.0100	"	"	"	"	"	"	

North Creek Analytical - Spokane

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP6-2.5 (S4C0102-05) Soil Sampled: 03/23/04 10:30 Received: 03/23/04 13:09									
Naphthalene	**0.0879**	0.0100	mg/kg dry	1	4040018	04/02/04	04/07/04	EPA 8270 mod.	
Phenanthrene	**0.167**	0.0100	"	"	"	"	"	"	
Pyrene	**0.364**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*75.0 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*82.4 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*91.8 %*	*52.4-135*			"	"	"	"	
TP6-6 (S4C0102-06) Soil Sampled: 03/23/04 10:55 Received: 03/23/04 13:09									
1-Methylnapthalene	**0.0160**	0.0100	mg/kg dry	1	4040018	04/02/04	04/07/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.0107**	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	**0.0231**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0258**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0356**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.0267**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.0338**	0.0100	"	"	"	"	"	"	
Chrysene	**0.0391**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.0667**	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	**0.0107**	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.0267**	0.0100	"	"	"	"	"	"	
Pyrene	**0.0507**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*85.1 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*78.4 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*83.1 %*	*52.4-135*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP7-2.5 (S4C0102-07) Soil Sampled: 03/23/04 11:15 Received: 03/23/04 13:09									
1-Methylnapthalene	**0.123**	0.100	mg/kg dry	10	4040018	04/02/04	04/12/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.146**	0.100	"	"	"	"	"	"	
Acenaphthene	ND	0.100	"	"	"	"	"	"	
Acenaphthylene	**0.115**	0.100	"	"	"	"	"	"	
Anthracene	**0.575**	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	**1.15**	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	**1.52**	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**1.19**	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.360**	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**1.42**	0.100	"	"	"	"	"	"	
Chrysene	**1.64**	0.100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	**4.64**	0.100	"	"	"	"	"	"	
Fluorene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.123**	0.100	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
Phenanthrene	**0.981**	0.100	"	"	"	"	"	"	
Pyrene	**3.19**	0.100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*170 %*	*30.9-139*			"	"	"	"	*S-01*
Surrogate: 2-FBP	*54.0 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*90.1 %*	*52.4-135*			"	"	"	"	
TP7-5.5 (S4C0102-08) Soil Sampled: 03/23/04 11:25 Received: 03/23/04 13:09									
1-Methylnapthalene	**0.210**	0.0100	mg/kg dry	1	4040018	04/02/04	04/12/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.194**	0.0100	"	"	"	"	"	"	
Acenaphthene	**0.249**	0.0100	"	"	"	"	"	"	
Acenaphthylene	**0.0905**	0.0100	"	"	"	"	"	"	
Anthracene	**0.364**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.336**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.333**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.233**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.132**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.266**	0.0100	"	"	"	"	"	"	
Chrysene	**0.395**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	**1.28**	0.0100	"	"	"	"	"	"	
Fluorene	**0.199**	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0912**	0.0100	"	"	"	"	"	"	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP7-5.5 (S4C0102-08) Soil Sampled: 03/23/04 11:25 Received: 03/23/04 13:09									
Naphthalene	**0.271**	0.0100	mg/kg dry	1	4040018	04/02/04	04/12/04	EPA 8270 mod.	
Phenanthrene	**1.47**	0.0100	"	"	"	"	"	"	
Pyrene	**1.13**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*115 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*71.5 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*90.5 %*	*52.4-135*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Conventional Chemistry Parameters by APHA/EPA Methods

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP4-2 (S4C0102-01) Soil Sampled: 03/23/04 10:10 Received: 03/23/04 13:09									
% Solids	**90.9**	0.0100	% by Weight	1	4030247	03/30/04	03/30/04	Gravimetry	
TP4-5 (S4C0102-02) Soil Sampled: 03/23/04 10:25 Received: 03/23/04 13:09									
% Solids	**89.7**	0.0100	% by Weight	1	4030247	03/30/04	03/30/04	Gravimetry	
TP5-2 (S4C0102-03) Soil Sampled: 03/23/04 10:20 Received: 03/23/04 13:09									
% Solids	**84.4**	0.0100	% by Weight	1	4030247	03/30/04	03/30/04	Gravimetry	
TP5-3.5 (S4C0102-04) Soil Sampled: 03/23/04 10:45 Received: 03/23/04 13:09									
% Solids	**79.5**	0.0100	% by Weight	1	4030247	03/30/04	03/30/04	Gravimetry	
TP6-2.5 (S4C0102-05) Soil Sampled: 03/23/04 10:30 Received: 03/23/04 13:09									
% Solids	**88.7**	0.0100	% by Weight	1	4030247	03/30/04	03/30/04	Gravimetry	
TP6-6 (S4C0102-06) Soil Sampled: 03/23/04 10:55 Received: 03/23/04 13:09									
% Solids	**75.0**	0.0100	% by Weight	1	4030247	03/30/04	03/30/04	Gravimetry	
TP7-2.5 (S4C0102-07) Soil Sampled: 03/23/04 11:15 Received: 03/23/04 13:09									
% Solids	**87.0**	0.0100	% by Weight	1	4030247	03/30/04	03/30/04	Gravimetry	
TP7-5.5 (S4C0102-08) Soil Sampled: 03/23/04 11:25 Received: 03/23/04 13:09									
% Solids	**90.6**	0.0100	% by Weight	1	4030247	03/30/04	03/30/04	Gravimetry	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Total Metals by EPA 6000/7000 Series Methods

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP4-2 (S4C0102-01) Soil Sampled: 03/23/04 10:10 Received: 03/23/04 13:09									
Mercury	**1.02**	0.200	mg/kg dry	2	4D01029	04/01/04	04/04/04	EPA 7471A	
TP4-5 (S4C0102-02) Soil Sampled: 03/23/04 10:25 Received: 03/23/04 13:09									
Mercury	**0.246**	0.0893	mg/kg dry	1	4D01029	04/01/04	04/04/04	EPA 7471A	
TP5-2 (S4C0102-03RE1) Soil Sampled: 03/23/04 10:20 Received: 03/23/04 13:09									
Mercury	**2.47**	0.500	mg/kg dry	5	4D06040	04/01/04	04/07/04	EPA 7471A	
TP5-3.5 (S4C0102-04) Soil Sampled: 03/23/04 10:45 Received: 03/23/04 13:09									
Mercury	ND	0.100	mg/kg dry	1	4D01029	04/01/04	04/04/04	EPA 7471A	
TP6-2.5 (S4C0102-05) Soil Sampled: 03/23/04 10:30 Received: 03/23/04 13:09									
Mercury	**0.310**	0.100	mg/kg dry	1	4D01029	04/01/04	04/04/04	EPA 7471A	
TP6-6 (S4C0102-06) Soil Sampled: 03/23/04 10:55 Received: 03/23/04 13:09									
Mercury	ND	0.100	mg/kg dry	1	4D01029	04/01/04	04/04/04	EPA 7471A	
TP7-2.5 (S4C0102-07) Soil Sampled: 03/23/04 11:15 Received: 03/23/04 13:09									
Mercury	**2.44**	1.00	mg/kg dry	10	4D01029	04/01/04	04/04/04	EPA 7471A	
TP7-5.5 (S4C0102-08RE1) Soil Sampled: 03/23/04 11:25 Received: 03/23/04 13:09									
Mercury	**2.93**	0.500	mg/kg dry	5	4D06040	04/01/04	04/07/04	EPA 7471A	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Physical Parameters by APHA/ASTM/EPA Methods

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP4-2 (S4C0102-01) Soil Sampled: 03/23/04 10:10 Received: 03/23/04 13:09									
Dry Weight	**90.7**	1.00	%	1	4D01032	04/01/04	04/02/04	BSOPSPL003R08	
TP4-5 (S4C0102-02) Soil Sampled: 03/23/04 10:25 Received: 03/23/04 13:09									
Dry Weight	**90.6**	1.00	%	1	4D01032	04/01/04	04/02/04	BSOPSPL003R08	
TP5-2 (S4C0102-03) Soil Sampled: 03/23/04 10:20 Received: 03/23/04 13:09									
Dry Weight	**84.7**	1.00	%	1	4D01032	04/01/04	04/02/04	BSOPSPL003R08	
TP5-3.5 (S4C0102-04) Soil Sampled: 03/23/04 10:45 Received: 03/23/04 13:09									
Dry Weight	**80.9**	1.00	%	1	4D01032	04/01/04	04/02/04	BSOPSPL003R08	
TP6-2.5 (S4C0102-05) Soil Sampled: 03/23/04 10:30 Received: 03/23/04 13:09									
Dry Weight	**88.3**	1.00	%	1	4D01032	04/01/04	04/02/04	BSOPSPL003R08	
TP6-6 (S4C0102-06) Soil Sampled: 03/23/04 10:55 Received: 03/23/04 13:09									
Dry Weight	**73.0**	1.00	%	1	4D01032	04/01/04	04/02/04	BSOPSPL003R08	
TP7-2.5 (S4C0102-07) Soil Sampled: 03/23/04 11:15 Received: 03/23/04 13:09									
Dry Weight	**88.6**	1.00	%	1	4D01032	04/01/04	04/02/04	BSOPSPL003R08	
TP7-5.5 (S4C0102-08) Soil Sampled: 03/23/04 11:25 Received: 03/23/04 13:09									
Dry Weight	**92.2**	1.00	%	1	4D01032	04/01/04	04/02/04	BSOPSPL003R08	

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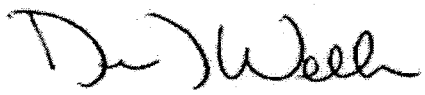

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Hydrocarbon Identification by NWTPH-HCID - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030228: Prepared 03/29/04 Using HCID (NW)										
Blank (4030228-BLK1)										
Gasoline Range Hydrocarbons	ND	20	mg/kg wet							
Diesel Range Hydrocarbons	ND	50	"							
Heavy Oil Range Hydrocarbons	ND	100	"							
Surrogate: 4-BFB (FID)	*42.4*		"	*40.2*		*105*	*50-150*			
Surrogate: 2-FBP	*42.8*		"	*39.9*		*107*	*50-150*			
Surrogate: p-Terphenyl-d14	*43.1*		"	*40.2*		*107*	*50-150*			
Duplicate (4030228-DUP1)					**Source: S4C0102-01**					
Gasoline Range Hydrocarbons	ND	20	mg/kg dry		18			177	25	
Diesel Range Hydrocarbons	56.1	50	"		69			20.6	25	
Heavy Oil Range Hydrocarbons	211	100	"		240			12.9	25	
Surrogate: 4-BFB (FID)	*46.1*		"	*44.2*		*104*	*50-150*			
Surrogate: 2-FBP	*45.0*		"	*43.9*		*103*	*50-150*			
Surrogate: p-Terphenyl-d14	*48.4*		"	*44.2*		*110*	*50-150*			

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Total Metals by EPA 6010/7000 Series Methods - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030251: Prepared 03/31/04 Using Metals										
Blank (4030251-BLK1)										
Arsenic	ND	2.50	mg/kg wet							
Cadmium	ND	0.200	"							
Chromium	ND	0.500	"							
Lead	ND	0.100	"							
LCS (4030251-BS1)										
Arsenic	53.5	2.50	mg/kg wet	50.5		106	80-140			
Cadmium	55.2	0.200	"	50.0		110	70-140			
Chromium	55.7	0.500	"	50.0		111	70-135			
Lead	57.5	0.100	"	50.5		114	70-135			
Duplicate (4030251-DUP1)					**Source: S4C0102-08**					
Arsenic	2.92	2.50	mg/kg dry		ND				20	
Cadmium	1.81	0.200	"		0.872			69.9	20	Q-05
Chromium	17.5	0.500	"		12.3			34.9	20	Q-10
Lead	346	0.100	"		144			82.4	20	Q-10
Matrix Spike (4030251-MS1)					**Source: S4C0102-08**					
Arsenic	46.1	2.50	mg/kg dry	55.7	ND	82.8	70-130			
Cadmium	51.4	0.200	"	55.1	0.872	91.7	70-130			
Chromium	62.2	0.500	"	55.2	12.3	90.4	70-130			
Lead	221	0.100	"	55.7	144	138	70-130			Q-02
Matrix Spike Dup (4030251-MSD1)					**Source: S4C0102-08**					
Arsenic	45.9	2.50	mg/kg dry	55.7	ND	82.4	70-130	0.435	20	
Cadmium	50.8	0.200	"	55.1	0.872	90.6	70-130	1.17	20	
Chromium	59.7	0.500	"	55.2	12.3	85.9	70-130	4.10	20	
Lead	156	0.100	"	55.7	144	21.5	70-130	34.5	20	Q-02

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040001: Prepared 04/01/04 Using EPA 3550B										
Blank (4040001-BLK1)										
PCB-1016	ND	50.0	ug/kg wet							
PCB-1221	ND	50.0	"							
PCB-1232	ND	50.0	"							
PCB-1242	ND	50.0	"							
PCB-1248	ND	50.0	"							
PCB-1254	ND	50.0	"							
PCB-1260	ND	50.0	"							
Surrogate: TCX	*5.25*		"	*6.67*		*78.7*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*5.72*		"	*6.67*		*85.8*	*40-150*			
LCS (4040001-BS1)										
PCB-1016	199	50.0	ug/kg wet	167		119	50-150			
PCB-1260	115	50.0	"	167		68.9	49-140			
Surrogate: TCX	*9.75*		"	*6.67*		*146*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*2.94*		"	*6.67*		*44.1*	*40-150*			
Matrix Spike (4040001-MS1)					**Source: S4C0106-08**					
PCB-1016	187	50.0	ug/kg dry	250	ND	74.8	50-150			
PCB-1260	196	50.0	"	250	ND	78.4	47-155			
Surrogate: TCX	*8.10*		"	*9.98*		*81.2*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*8.09*		"	*9.98*		*81.1*	*40-150*			
Matrix Spike Dup (4040001-MSD1)					**Source: S4C0106-08**					
PCB-1016	197	50.0	ug/kg dry	250	ND	78.8	50-150	5.21	25	
PCB-1260	182	50.0	"	250	ND	72.8	47-155	7.41	48	
Surrogate: TCX	*8.51*		"	*9.98*		*85.3*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*6.33*		"	*9.98*		*63.4*	*40-150*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040018: Prepared 04/02/04 Using EPA 3550B										
Blank (4040018-BLK1)										
1-Methylnapthalene	ND	0.0100	mg/kg wet							
2-Methylnaphthalene	ND	0.0100	"							
Acenaphthene	ND	0.0100	"							
Acenaphthylene	ND	0.0100	"							
Anthracene	ND	0.0100	"							
Benzo (a) anthracene	ND	0.0100	"							
Benzo (a) pyrene	ND	0.0100	"							
Benzo (b) fluoranthene	ND	0.0100	"							
Benzo (ghi) perylene	ND	0.0100	"							
Benzo (k) fluoranthene	ND	0.0100	"							
Chrysene	ND	0.0100	"							
Dibenzo (a,h) anthracene	ND	0.0100	"							
Fluoranthene	ND	0.0100	"							
Fluorene	ND	0.0100	"							
Indeno (1,2,3-cd) pyrene	ND	0.0100	"							
Naphthalene	ND	0.0100	"							
Phenanthrene	ND	0.0100	"							
Pyrene	ND	0.0100	"							
Surrogate: Nitrobenzene-d5	*0.211*		"	*0.333*		*63.4*	*30.9-139*			
Surrogate: 2-FBP	*0.229*		"	*0.333*		*68.8*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.296*		"	*0.333*		*88.9*	*52.4-135*			
LCS (4040018-BS1)										
Chrysene	0.159	0.0100	mg/kg wet	0.167		95.2	38.5-135			
Fluorene	0.161	0.0100	"	0.167		96.4	47.6-135			
Indeno (1,2,3-cd) pyrene	0.105	0.0100	"	0.167		62.9	37.8-135			
Naphthalene	0.161	0.0100	"	0.167		96.4	46.3-135			
Surrogate: Nitrobenzene-d5	*0.275*		"	*0.333*		*82.6*	*30.9-139*			
Surrogate: 2-FBP	*0.271*		"	*0.333*		*81.4*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.306*		"	*0.333*		*91.9*	*52.4-135*			

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040018: Prepared 04/02/04 Using EPA 3550B										
Matrix Spike (4040018-MS1)					**Source: S4C0102-02**					
Chrysene	0.438	0.100	mg/kg dry	0.186	0.268	91.4	38.5-135			
Fluorene	0.178	0.100	"	0.186	ND	95.7	47.6-135			
Indeno (1,2,3-cd) pyrene	ND	0.100	"	0.186	ND		37.8-135			Q-01
Naphthalene	0.268	0.100	"	0.186	0.0966	92.2	46.3-135			
Surrogate: Nitrobenzene-d5	*0.282*		"	*0.372*		*75.8*	*30.9-139*			
Surrogate: 2-FBP	*0.297*		"	*0.372*		*79.8*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.290*		"	*0.372*		*78.0*	*52.4-135*			
Matrix Spike Dup (4040018-MSD1)					**Source: S4C0102-02**					
Chrysene	0.416	0.100	mg/kg dry	0.186	0.268	79.6	38.5-135	5.15	25	
Fluorene	0.178	0.100	"	0.186	ND	95.7	47.6-135	0.00	25	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	0.186	ND		37.8-135		25	Q-01
Naphthalene	0.290	0.100	"	0.186	0.0966	104	46.3-135	7.89	25	
Surrogate: Nitrobenzene-d5	*0.275*		"	*0.372*		*73.9*	*30.9-139*			
Surrogate: 2-FBP	*0.282*		"	*0.372*		*75.8*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.312*		"	*0.372*		*83.9*	*52.4-135*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D01029: Prepared 04/01/04 Using EPA 7471A										
Blank (4D01029-BLK1)										
Mercury	ND	0.100	mg/kg wet							
LCS (4D01029-BS1)										
Mercury	0.542	0.100	mg/kg wet	0.521		104	80-120			
LCS Dup (4D01029-BSD1)										
Mercury	0.501	0.100	mg/kg wet	0.500		100	80-120	7.86	20	
Matrix Spike (4D01029-MS1)					**Source: B4C0674-04**					
Mercury	0.742	0.100	mg/kg dry	0.655	0.0323	108	70-130			
Matrix Spike Dup (4D01029-MSD1)					**Source: B4C0674-04**					
Mercury	0.614	0.100	mg/kg dry	0.558	0.0323	104	70-130	18.9	30	
Batch 4D06040: Prepared 04/06/04 Using EPA 7471A										
Blank (4D06040-BLK1)										
Mercury	ND	0.100	mg/kg wet							
LCS (4D06040-BS1)										
Mercury	0.503	0.100	mg/kg wet	0.481		105	80-120			
LCS Dup (4D06040-BSD1)										
Mercury	0.429	0.0893	mg/kg wet	0.446		96.2	80-120	15.9	20	
Matrix Spike (4D06040-MS1)					**Source: B4D0116-01**					
Mercury	1.02	0.200	mg/kg wet	0.521	0.561	88.1	70-130			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D06040: Prepared 04/06/04 Using EPA 7471A										
Matrix Spike Dup (4D06040-MSD1)					**Source: B4D0116-01**					
Mercury	0.970	0.200	mg/kg wet	0.463	0.561	88.3	70-130	5.03	30	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D01032: Prepared 04/01/04 Using Dry Weight										
Blank (4D01032-BLK1)										
Dry Weight	100	1.00	%							

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/14/04 09:31

Notes and Definitions

Q-01	The spike recovery for this QC sample is outside of NCA established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
Q-02	The spike recovery for this QC sample is outside of NCA established control limits due to sample matrix interference.
Q-05	RPD values are not controlled at sample concentrations less than 10 times the reporting limit.
Q-10	The RPD value for this QC sample is outside of the NCA established advisory limit. Review of associated batch QC indicates this doe not represent an out of control condition for the batch.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration.
S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present i the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP8-2	S4D0072-01	Soil	04/20/04 10:30	04/20/04 14:04
TP8-7	S4D0072-02	Soil	04/20/04 10:45	04/20/04 14:04
TP9-1	S4D0072-03	Soil	04/20/04 10:20	04/20/04 14:04
TP10-1	S4D0072-04	Soil	04/20/04 11:25	04/20/04 14:04
TP11-2	S4D0072-05	Soil	04/20/04 11:15	04/20/04 14:04
TP11-4.5	S4D0072-06	Soil	04/20/04 11:45	04/20/04 14:04

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Semivolatile Petroleum Products by NWTPH-Dx

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP8-2 (S4D0072-01) Soil Sampled: 04/20/04 10:30 Received: 04/20/04 14:04									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	4040156	04/21/04	04/22/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	*104 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*101 %*	*50-150*			"	"	"	"	
TP8-7 (S4D0072-02) Soil Sampled: 04/20/04 10:45 Received: 04/20/04 14:04									
Diesel Range Hydrocarbons	**28.3**	10.0	mg/kg dry	1	4040156	04/21/04	04/22/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	**84.8**	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	*105 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*115 %*	*50-150*			"	"	"	"	
TP9-1 (S4D0072-03) Soil Sampled: 04/20/04 10:20 Received: 04/20/04 14:04									
Diesel Range Hydrocarbons	**10.3**	10.0	mg/kg dry	1	4040156	04/21/04	04/22/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	**45.5**	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	*101 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*105 %*	*50-150*			"	"	"	"	
TP10-1 (S4D0072-04) Soil Sampled: 04/20/04 11:25 Received: 04/20/04 14:04									
Diesel Range Hydrocarbons	**14.0**	10.0	mg/kg dry	1	4040156	04/21/04	04/22/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	**72.3**	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	*102 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*113 %*	*50-150*			"	"	"	"	
TP11-2 (S4D0072-05) Soil Sampled: 04/20/04 11:15 Received: 04/20/04 14:04									
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	4040156	04/21/04	04/22/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	**28.3**	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	*100 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*107 %*	*50-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Semivolatile Petroleum Products by NWTPH-Dx

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP11-4.5 (S4D0072-06) Soil Sampled: 04/20/04 11:45 Received: 04/20/04 14:04									
Diesel Range Hydrocarbons	**70.9**	10.0	mg/kg dry	1	4040156	04/21/04	04/22/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	**271**	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	*114 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*136 %*	*50-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Total Metals by EPA 6010/7000 Series Methods

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP8-2 (S4D0072-01) Soil Sampled: 04/20/04 10:30 Received: 04/20/04 14:04									
Arsenic	**8.10**	2.50	mg/kg dry	1	4040170	04/23/04	04/23/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**12.1**	0.500	"	"	"	"	"	"	
Lead	**17.5**	0.100	"	"	"	"	"	"	
TP8-7 (S4D0072-02) Soil Sampled: 04/20/04 10:45 Received: 04/20/04 14:04									
Arsenic	**4.45**	2.50	mg/kg dry	1	4040170	04/23/04	04/23/04	EPA 6010B	
Cadmium	**0.907**	0.200	"	"	"	"	"	"	
Chromium	**17.6**	0.500	"	"	"	"	"	"	
Lead	**184**	0.100	"	"	"	"	"	"	
TP9-1 (S4D0072-03) Soil Sampled: 04/20/04 10:20 Received: 04/20/04 14:04									
Arsenic	**8.45**	2.50	mg/kg dry	1	4040170	04/23/04	04/23/04	EPA 6010B	
Cadmium	**0.482**	0.200	"	"	"	"	"	"	
Chromium	**15.5**	0.500	"	"	"	"	"	"	
Lead	**94.4**	0.100	"	"	"	"	"	"	
TP10-1 (S4D0072-04) Soil Sampled: 04/20/04 11:25 Received: 04/20/04 14:04									
Arsenic	**10.2**	2.50	mg/kg dry	1	4040170	04/23/04	04/23/04	EPA 6010B	
Cadmium	**0.647**	0.200	"	"	"	"	"	"	
Chromium	**19.0**	0.500	"	"	"	"	"	"	
Lead	**142**	0.100	"	"	"	"	"	"	
TP11-2 (S4D0072-05) Soil Sampled: 04/20/04 11:15 Received: 04/20/04 14:04									
Arsenic	**5.69**	2.50	mg/kg dry	1	4040170	04/23/04	04/23/04	EPA 6010B	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**21.7**	0.500	"	"	"	"	"	"	
Lead	**40.7**	0.100	"	"	"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Total Metals by EPA 6010/7000 Series Methods

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP11-4.5 (S4D0072-06) Soil Sampled: 04/20/04 11:45 Received: 04/20/04 14:04									
Arsenic	ND	2.50	mg/kg dry	1	4040170	04/23/04	04/23/04	EPA 6010B	
Cadmium	**1.19**	0.200	"	"	"	"	"	"	
Chromium	**28.8**	0.500	"	"	"	"	"	"	
Lead	**205**	0.100	"	"	"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP8-2 (S4D0072-01) Soil Sampled: 04/20/04 10:30 Received: 04/20/04 14:04									
PCB-1016	ND	50.0	ug/kg dry	1	4040163	04/22/04	04/26/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*180 %*	*33.4-150*			"	"	"	"	*S-05*
Surrogate: Decachlorobiphenyl	*135 %*	*40-150*			"	"	"	"	
TP8-7 (S4D0072-02) Soil Sampled: 04/20/04 10:45 Received: 04/20/04 14:04									
PCB-1016	ND	50.0	ug/kg dry	1	4040163	04/22/04	04/26/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	**867**	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*136 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*110 %*	*40-150*			"	"	"	"	
TP9-1 (S4D0072-03) Soil Sampled: 04/20/04 10:20 Received: 04/20/04 14:04									
PCB-1016	ND	50.0	ug/kg dry	1	4040163	04/22/04	04/26/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	**205**	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*186 %*	*33.4-150*			"	"	"	"	*S-05*
Surrogate: Decachlorobiphenyl	*144 %*	*40-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP10-1 (S4D0072-04) Soil Sampled: 04/20/04 11:25 Received: 04/20/04 14:04									
PCB-1016	ND	50.0	ug/kg dry	1	4040163	04/22/04	04/26/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	**392**	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*197 %*	*33.4-150*			"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl	*169 %*	*40-150*			"	"	"	"	*S-03*
TP11-2 (S4D0072-05) Soil Sampled: 04/20/04 11:15 Received: 04/20/04 14:04									
PCB-1016	ND	50.0	ug/kg dry	1	4040163	04/22/04	04/26/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*154 %*	*33.4-150*			"	"	"	"	*S-03*
Surrogate: Decachlorobiphenyl	*195 %*	*40-150*			"	"	"	"	*S-03*
TP11-4.5 (S4D0072-06) Soil Sampled: 04/20/04 11:45 Received: 04/20/04 14:04									
PCB-1016	ND	50.0	ug/kg dry	1	4040163	04/22/04	04/26/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	**166**	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*109 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*91.5 %*	*40-150*			"	"	"	"	

North Creek Analytical - Spokane

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dennis D Wells, Laboratory Director

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP8-2 (S4D0072-01) Soil Sampled: 04/20/04 10:30 Received: 04/20/04 14:04									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4040152	04/21/04	05/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	**0.0248**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0124**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	**0.0151**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.0282**	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.0227**	0.0100	"	"	"	"	"	"	
Pyrene	**0.0255**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*101 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*118 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*73.3 %*	*52.4-135*			"	"	"	"	
TP8-7 (S4D0072-02) Soil Sampled: 04/20/04 10:45 Received: 04/20/04 14:04									
1-Methylnapthalene	**0.0122**	0.0100	mg/kg dry	1	4040152	04/21/04	05/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	**0.104**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0576**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.0288**	0.0100	"	"	"	"	"	"	
Chrysene	**0.0691**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.160**	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP8-7 (S4D0072-02) Soil Sampled: 04/20/04 10:45 Received: 04/20/04 14:04									
Naphthalene	**0.0108**	0.0100	mg/kg dry	1	4040152	04/21/04	05/04/04	EPA 8270 mod.	
Phenanthrene	**0.0936**	0.0100	"	"	"	"	"	"	
Pyrene	**0.0720**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*114 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*122 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*69.2 %*	*52.4-135*			"	"	"	"	
TP9-1 (S4D0072-03) Soil Sampled: 04/20/04 10:20 Received: 04/20/04 14:04									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4040152	04/21/04	05/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	**0.137**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.122**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0958**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.0224**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.0783**	0.0100	"	"	"	"	"	"	
Chrysene	**0.136**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.267**	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.125**	0.0100	"	"	"	"	"	"	
Pyrene	**0.148**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*113 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*123 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*74.9 %*	*52.4-135*			"	"	"	"	

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP10-1 (S4D0072-04) Soil Sampled: 04/20/04 11:25 Received: 04/20/04 14:04									
1-Methylnapthalene	ND	0.0500	mg/kg dry	5	4040152	04/21/04	05/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0500	"	"	"	"	"	"	
Acenaphthene	ND	0.0500	"	"	"	"	"	"	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Anthracene	**0.348**	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	**0.248**	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.0851**	0.0500	"	"	"	"	"	"	
Chrysene	**0.319**	0.0500	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	**0.571**	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Naphthalene	ND	0.0500	"	"	"	"	"	"	
Phenanthrene	**0.312**	0.0500	"	"	"	"	"	"	
Pyrene	**0.340**	0.0500	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*114 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*130 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*82.0 %*	*52.4-135*			"	"	"	"	
TP11-2 (S4D0072-05) Soil Sampled: 04/20/04 11:15 Received: 04/20/04 14:04									
1-Methylnapthalene	ND	0.0100	mg/kg dry	1	4040152	04/21/04	05/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	**0.0330**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0239**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	**0.0239**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.0540**	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP11-2 (S4D0072-05) Soil Sampled: 04/20/04 11:15 Received: 04/20/04 14:04									
Naphthalene	ND	0.0100	mg/kg dry	1	4040152	04/21/04	05/04/04	EPA 8270 mod.	
Phenanthrene	**0.0295**	0.0100	"	"	"	"	"	"	
Pyrene	**0.0309**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*112 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*124 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*74.9 %*	*52.4-135*			"	"	"	"	
TP11-4.5 (S4D0072-06) Soil Sampled: 04/20/04 11:45 Received: 04/20/04 14:04									
1-Methylnapthalene	ND	0.0500	mg/kg dry	5	4040152	04/21/04	05/05/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0500	"	"	"	"	"	"	
Acenaphthene	ND	0.0500	"	"	"	"	"	"	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Anthracene	**0.285**	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	**0.235**	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Chrysene	**0.260**	0.0500	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	**0.503**	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Naphthalene	ND	0.0500	"	"	"	"	"	"	
Phenanthrene	**0.260**	0.0500	"	"	"	"	"	"	
Pyrene	**0.352**	0.0500	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*90.0 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*95.9 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*63.0 %*	*52.4-135*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Conventional Chemistry Parameters by APHA/EPA Methods

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP8-2 (S4D0072-01) Soil Sampled: 04/20/04 10:30 Received: 04/20/04 14:04									
% Solids	**96.9**	0.0100	% by Weight	1	4040217	04/30/04	04/30/04	Gravimetry	
TP8-7 (S4D0072-02) Soil Sampled: 04/20/04 10:45 Received: 04/20/04 14:04									
% Solids	**92.6**	0.0100	% by Weight	1	4040217	04/30/04	04/30/04	Gravimetry	
TP9-1 (S4D0072-03) Soil Sampled: 04/20/04 10:20 Received: 04/20/04 14:04									
% Solids	**95.3**	0.0100	% by Weight	1	4040217	04/30/04	04/30/04	Gravimetry	
TP10-1 (S4D0072-04) Soil Sampled: 04/20/04 11:25 Received: 04/20/04 14:04									
% Solids	**94.0**	0.0100	% by Weight	1	4040217	04/30/04	04/30/04	Gravimetry	
TP11-2 (S4D0072-05) Soil Sampled: 04/20/04 11:15 Received: 04/20/04 14:04									
% Solids	**95.0**	0.0100	% by Weight	1	4040217	04/30/04	04/30/04	Gravimetry	
TP11-4.5 (S4D0072-06) Soil Sampled: 04/20/04 11:45 Received: 04/20/04 14:04									
% Solids	**79.6**	0.0100	% by Weight	1	4040217	04/30/04	04/30/04	Gravimetry	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Total Metals by EPA 6000/7000 Series Methods

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP8-2 (S4D0072-01) Soil Sampled: 04/20/04 10:30 Received: 04/20/04 14:04									
Mercury	ND	0.0893	mg/kg dry	1	4D28045	04/28/04	04/29/04	EPA 7471A	
TP8-7 (S4D0072-02) Soil Sampled: 04/20/04 10:45 Received: 04/20/04 14:04									
Mercury	**0.278**	0.100	mg/kg dry	1	4D28045	04/28/04	04/29/04	EPA 7471A	
TP9-1 (S4D0072-03) Soil Sampled: 04/20/04 10:20 Received: 04/20/04 14:04									
Mercury	**0.134**	0.100	mg/kg dry	1	4D28045	04/28/04	04/29/04	EPA 7471A	
TP10-1 (S4D0072-04) Soil Sampled: 04/20/04 11:25 Received: 04/20/04 14:04									
Mercury	**0.152**	0.100	mg/kg dry	1	4D28045	04/28/04	04/29/04	EPA 7471A	
TP11-2 (S4D0072-05) Soil Sampled: 04/20/04 11:15 Received: 04/20/04 14:04									
Mercury	ND	0.100	mg/kg dry	1	4D28045	04/28/04	04/29/04	EPA 7471A	
TP11-4.5 (S4D0072-06) Soil Sampled: 04/20/04 11:45 Received: 04/20/04 14:04									
Mercury	**0.411**	0.100	mg/kg dry	1	4D28045	04/28/04	04/29/04	EPA 7471A	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Physical Parameters by APHA/ASTM/EPA Methods

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP8-2 (S4D0072-01) Soil Sampled: 04/20/04 10:30 Received: 04/20/04 14:04									
Dry Weight	**97.0**	1.00	%	1	4D29049	04/29/04	04/30/04	BSOPSPL003R08	
TP8-7 (S4D0072-02) Soil Sampled: 04/20/04 10:45 Received: 04/20/04 14:04									
Dry Weight	**92.7**	1.00	%	1	4D29049	04/29/04	04/30/04	BSOPSPL003R08	
TP9-1 (S4D0072-03) Soil Sampled: 04/20/04 10:20 Received: 04/20/04 14:04									
Dry Weight	**95.0**	1.00	%	1	4D29049	04/29/04	04/30/04	BSOPSPL003R08	
TP10-1 (S4D0072-04) Soil Sampled: 04/20/04 11:25 Received: 04/20/04 14:04									
Dry Weight	**94.2**	1.00	%	1	4D29049	04/29/04	04/30/04	BSOPSPL003R08	
TP11-2 (S4D0072-05) Soil Sampled: 04/20/04 11:15 Received: 04/20/04 14:04									
Dry Weight	**96.6**	1.00	%	1	4D29049	04/29/04	04/30/04	BSOPSPL003R08	
TP11-4.5 (S4D0072-06) Soil Sampled: 04/20/04 11:45 Received: 04/20/04 14:04									
Dry Weight	**83.8**	1.00	%	1	4D29049	04/29/04	04/30/04	BSOPSPL003R08	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Semivolatile Petroleum Products by NWTPH-Dx - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040156: Prepared 04/21/04 Using EPA 3550B										
Blank (4040156-BLK1)										
Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Heavy Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	*7.49*		"	*6.67*		*112*	*50-150*			
Surrogate: p-Terphenyl-d14	*6.61*		"	*6.67*		*99.1*	*50-150*			
LCS (4040156-BS1)										
Diesel Range Hydrocarbons	101	10.0	mg/kg wet	83.3		121	50-150			
Surrogate: 2-FBP	*8.50*		"	*6.67*		*127*	*50-150*			
Surrogate: p-Terphenyl-d14	*7.38*		"	*6.67*		*111*	*50-150*			
Duplicate (4040156-DUP1)					**Source: S4D0072-02**					
Diesel Range Hydrocarbons	29.3	10.0	mg/kg dry		28.3			3.47	25	
Heavy Oil Range Hydrocarbons	92.6	25.0	"		84.8			8.79	25	
Surrogate: 2-FBP	*6.96*		"	*7.20*		*96.7*	*50-150*			
Surrogate: p-Terphenyl-d14	*8.07*		"	*7.20*		*112*	*50-150*			
Matrix Spike (4040156-MS1)					**Source: S4D0072-02**					
Diesel Range Hydrocarbons	125	10.0	mg/kg dry	90.0	28.3	107	50-150			
Surrogate: 2-FBP	*8.58*		"	*7.20*		*119*	*50-150*			
Surrogate: p-Terphenyl-d14	*8.61*		"	*7.20*		*120*	*50-150*			

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99502-1119

SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Total Metals by EPA 6010/7000 Series Methods - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040170: Prepared 04/23/04 Using Metals										
Blank (4040170-BLK1)										
Arsenic	ND	2.50	mg/kg wet							
Cadmium	0.202	0.200	"							
Chromium	ND	0.500	"							
Lead	0.330	0.100	"							
LCS (4040170-BS1)										
Arsenic	51.2	2.50	mg/kg wet	50.0		102	80-140			
Cadmium	50.8	0.200	"	50.0		102	70-140			
Chromium	53.7	0.500	"	50.0		107	70-135			
Lead	54.1	0.100	"	50.0		108	70-135			
Duplicate (4040170-DUP1)					**Source: S4D0050-04**					
Arsenic	8.26	2.50	mg/kg dry		6.67			21.3	20	Q-05
Cadmium	ND	0.200	"		0.111			4.41	20	
Chromium	18.1	0.500	"		15.5			15.5	20	
Lead	17.5	0.100	"		15.1			14.7	20	
Matrix Spike (4040170-MS1)					**Source: S4D0050-04**					
Arsenic	63.1	2.50	mg/kg dry	56.6	6.67	99.7	70-130			
Cadmium	55.8	0.200	"	56.6	0.111	98.4	70-130			
Chromium	70.1	0.500	"	56.6	15.5	96.5	70-130			
Lead	71.7	0.100	"	56.6	15.1	100	70-130			
Matrix Spike Dup (4040170-MSD1)					**Source: S4D0050-04**					
Arsenic	63.1	2.50	mg/kg dry	56.6	6.67	99.7	70-130	0.00	20	
Cadmium	56.8	0.200	"	56.6	0.111	100	70-130	1.78	20	
Chromium	72.7	0.500	"	56.6	15.5	101	70-130	3.64	20	
Lead	69.8	0.100	"	56.6	15.1	96.6	70-130	2.69	20	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040163: Prepared 04/22/04 Using EPA 3550B										
Blank (4040163-BLK1)										
PCB-1016	ND	50.0	ug/kg wet							
PCB-1221	ND	50.0	"							
PCB-1232	ND	50.0	"							
PCB-1242	ND	50.0	"							
PCB-1248	ND	50.0	"							
PCB-1254	ND	50.0	"							
PCB-1260	ND	50.0	"							
Surrogate: TCX	*7.26*		"	*6.67*		*109*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*5.91*		"	*6.67*		*88.6*	*40-150*			
LCS (4040163-BS1)										
PCB-1016	187	50.0	ug/kg wet	167		112	50-150			
PCB-1260	166	50.0	"	167		99.4	49-140			
Surrogate: TCX	*8.52*		"	*6.67*		*128*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*6.53*		"	*6.67*		*97.9*	*40-150*			
Matrix Spike (4040163-MS1)					**Source: S4D0072-03**					
PCB-1016	228	50.0	ug/kg dry	175	ND	130	50-150			
PCB-1260	308	50.0	"	175	ND	176	47-155			Q-02
Surrogate: TCX	*9.80*		"	*7.00*		*140*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*10.4*		"	*7.00*		*149*	*40-150*			
Matrix Spike Dup (4040163-MSD1)					**Source: S4D0072-03**					
PCB-1016	263	50.0	ug/kg dry	175	ND	150	50-150	14.3	25	
PCB-1260	387	50.0	"	175	ND	221	47-155	22.7	48	Q-02
Surrogate: TCX	*11.3*		"	*7.00*		*161*	*33.4-150*			*S-05*
Surrogate: Decachlorobiphenyl	*10.1*		"	*7.00*		*144*	*40-150*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040152: Prepared 04/21/04 Using EPA 3550B										
Blank (4040152-BLK1)										
1-Methylnapthalene	ND	0.0100	mg/kg wet							
2-Methylnaphthalene	ND	0.0100	"							
Acenaphthene	ND	0.0100	"							
Acenaphthylene	ND	0.0100	"							
Anthracene	ND	0.0100	"							
Benzo (a) anthracene	ND	0.0100	"							
Benzo (a) pyrene	ND	0.0100	"							
Benzo (b) fluoranthene	ND	0.0100	"							
Benzo (ghi) perylene	ND	0.0100	"							
Benzo (k) fluoranthene	ND	0.0100	"							
Chrysene	ND	0.0100	"							
Dibenzo (a,h) anthracene	ND	0.0100	"							
Fluoranthene	ND	0.0100	"							
Fluorene	ND	0.0100	"							
Indeno (1,2,3-cd) pyrene	ND	0.0100	"							
Naphthalene	ND	0.0100	"							
Phenanthrene	ND	0.0100	"							
Pyrene	ND	0.0100	"							
Surrogate: Nitrobenzene-d5	*0.377*		"	*0.333*		*113*	*30.9-139*			
Surrogate: 2-FBP	*0.429*		"	*0.333*		*129*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.290*		"	*0.333*		*87.1*	*52.4-135*			
LCS (4040152-BS1)										
Chrysene	0.200	0.0100	mg/kg wet	0.167		120	38.5-135			
Fluorene	0.185	0.0100	"	0.167		111	47.6-135			
Indeno (1,2,3-cd) pyrene	0.309	0.0100	"	0.167		185	37.8-135			Q-01
Naphthalene	0.199	0.0100	"	0.167		119	46.3-135			
Surrogate: Nitrobenzene-d5	*0.392*		"	*0.333*		*118*	*30.9-139*			
Surrogate: 2-FBP	*0.436*		"	*0.333*		*131*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.274*		"	*0.333*		*82.3*	*52.4-135*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040152: Prepared 04/21/04 Using EPA 3550B										
Matrix Spike (4040152-MS1)					**Source: S4D0072-01**					
Chrysene	0.214	0.0100	mg/kg dry	0.172	0.0151	116	38.5-135			
Fluorene	0.197	0.0100	"	0.172	ND	115	47.6-135			
Indeno (1,2,3-cd) pyrene	0.250	0.0100	"	0.172	ND	145	37.8-135			Q-01
Naphthalene	0.202	0.0100	"	0.172	ND	117	46.3-135			
Surrogate: Nitrobenzene-d5	*0.404*		"	*0.344*		*117*	*30.9-139*			
Surrogate: 2-FBP	*0.427*		"	*0.344*		*124*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.272*		"	*0.344*		*79.1*	*52.4-135*			
Matrix Spike Dup (4040152-MSD1)					**Source: S4D0072-01**					
Chrysene	0.223	0.0100	mg/kg dry	0.172	0.0151	121	38.5-135	4.12	25	
Fluorene	0.205	0.0100	"	0.172	ND	119	47.6-135	3.98	25	
Indeno (1,2,3-cd) pyrene	0.301	0.0100	"	0.172	ND	175	37.8-135	18.5	25	Q-01
Naphthalene	0.203	0.0100	"	0.172	ND	118	46.3-135	0.494	25	
Surrogate: Nitrobenzene-d5	*0.394*		"	*0.344*		*115*	*30.9-139*			
Surrogate: 2-FBP	*0.432*		"	*0.344*		*126*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.259*		"	*0.344*		*75.3*	*52.4-135*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D28045: Prepared 04/28/04 Using EPA 7471A										
Blank (4D28045-BLK1)										
Mercury	ND	0.100	mg/kg wet							
LCS (4D28045-BS1)										
Mercury	0.510	0.100	mg/kg wet	0.521		97.9	80-120			
LCS Dup (4D28045-BSD1)										
Mercury	0.504	0.100	mg/kg wet	0.500		101	80-120	1.18	20	
Matrix Spike (4D28045-MS1)					**Source: B4D0765-01**					
Mercury	0.682	0.100	mg/kg dry	0.627	0.0169	106	70-130			
Matrix Spike Dup (4D28045-MSD1)					**Source: B4D0765-01**					
Mercury	0.569	0.100	mg/kg dry	0.557	0.0169	99.1	70-130	18.1	30	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4D29049: Prepared 04/29/04 Using Dry Weight										
Blank (4D29049-BLK1)										
Dry Weight	100	1.00	%							

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 306	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	05/07/04 09:02

Notes and Definitions

Q-01	The spike recovery for this QC sample is outside of NCA established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
Q-02	The spike recovery for this QC sample is outside of NCA established control limits due to sample matrix interference.
Q-05	RPD values are not controlled at sample concentrations less than 10 times the reporting limit.
S-03	The surrogate recovery for sample is outside of NCA established control limits.
S-05	The surrogate recovery for this sample is outside of NCA established control limits. The alternate surrogate has been used to validate the sample result.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

APPENDIX K

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB1-2.5	S4B0111-01	Soil	02/24/04 08:10	02/25/04 12:14
SB1-5	S4B0111-02	Soil	02/24/04 08:22	02/25/04 12:14
SB1-6.5	S4B0111-03	Soil	02/24/04 08:55	02/25/04 12:14
SB2-2.5	S4B0111-04	Soil	02/24/04 09:40	02/25/04 12:14
SB2-4	S4B0111-05	Soil	02/24/04 10:00	02/25/04 12:14
SB3-0.5	S4B0111-06	Soil	02/24/04 10:30	02/25/04 12:14
SB5-2.5	S4B0111-07	Soil	02/24/04 11:35	02/25/04 12:14
SB5-3.5	S4B0111-08	Soil	02/24/04 11:40	02/25/04 12:14
SB6-2.5	S4B0111-09	Soil	02/24/04 13:35	02/25/04 12:14
SB6-5	S4B0111-10	Soil	02/24/04 13:45	02/25/04 12:14
SB7-2.5	S4B0111-11	Soil	02/24/04 14:25	02/25/04 12:14

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Hydrocarbon Identification by NWTPH-HCID
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB1-2.5 (S4B0111-01) Soil Sampled: 02/24/04 08:10 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/01/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*112 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*114 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*113 %*	*50-150*			"	"	"	"	
SB1-5 (S4B0111-02) Soil Sampled: 02/24/04 08:22 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/01/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*113 %*	*50-150*			"	"	"	"	
urrogate: 2-FBP	*116 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*115 %*	*50-150*			"	"	"	"	
SB1-6.5 (S4B0111-03) Soil Sampled: 02/24/04 08:55 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/01/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*118 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*120 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*117 %*	*50-150*			"	"	"	"	
SB2-2.5 (S4B0111-04) Soil Sampled: 02/24/04 09:40 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/01/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**460**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*116 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*117 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*119 %*	*50-150*			"	"	"	"	

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SLR International Corp 3810 E. Boone Ave., Suite 204 Spokane WA, 99202	Project: Schade Brewery Project Number: 003.0156.00002 Project Manager: Jeff Leppo	**Reported:** 04/05/04 12:34

Hydrocarbon Identification by NWTPH-HCID
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB2-4 (S4B0111-05) Soil Sampled: 02/24/04 10:00 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/01/04	NWTPH-HCID	
Diesel Range Hydrocarbons	**57**	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**280**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*119 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*120 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*127 %*	*50-150*			"	"	"	"	
SB3-0.5 (S4B0111-06) Soil Sampled: 02/24/04 10:30 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/01/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**330**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*111 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*114 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*115 %*	*50-150*			"	"	"	"	
SB5-2.5 (S4B0111-07) Soil Sampled: 02/24/04 11:35 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/02/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**260**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*110 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*111 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*111 %*	*50-150*			"	"	"	"	
SB5-3.5 (S4B0111-08) Soil Sampled: 02/24/04 11:40 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/02/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**350**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*107 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*109 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*111 %*	*50-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Hydrocarbon Identification by NWTPH-HCID

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-2.5 (S4B0111-09) Soil Sampled: 02/24/04 13:35 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/02/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**200**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*111 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*114 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*117 %*	*50-150*			"	"	"	"	
SB6-5 (S4B0111-10) Soil Sampled: 02/24/04 13:45 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/02/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**180**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*110 %*	*50-150*			"	"	"	"	
urrogate: 2-FBP	*113 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*114 %*	*50-150*			"	"	"	"	
SB7-2.5 (S4B0111-11) Soil Sampled: 02/24/04 14:25 Received: 02/25/04 12:14									
Gasoline Range Hydrocarbons	ND	20	mg/kg dry	1	4020191	02/26/04	03/02/04	NWTPH-HCID	
Diesel Range Hydrocarbons	ND	50	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	**110**	100	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	*114 %*	*50-150*			"	"	"	"	
Surrogate: 2-FBP	*111 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*115 %*	*50-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Semivolatile Petroleum Products by NWTPH-Dx

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB2-2.5 (S4B0111-04) Soil Sampled: 02/24/04 09:40 Received: 02/25/04 12:14									
Diesel Range Hydrocarbons	ND	100	mg/kg dry	10	4030083	03/08/04	03/11/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	**734**	250	"	"	"	"	"	"	
Surrogate: 2-FBP	*80.5 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*112 %*	*50-150*			"	"	"	"	
SB3-0.5 (S4B0111-06) Soil Sampled: 02/24/04 10:30 Received: 02/25/04 12:14									
Diesel Range Hydrocarbons	ND	100	mg/kg dry	10	4030083	03/08/04	03/11/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	**425**	250	"	"	"	"	"	"	
Surrogate: 2-FBP	*84.7 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*119 %*	*50-150*			"	"	"	"	
SB5-3.5 (S4B0111-08) Soil Sampled: 02/24/04 11:40 Received: 02/25/04 12:14									
Diesel Range Hydrocarbons	ND	100	mg/kg dry	10	4030083	03/08/04	03/11/04	NWTPH-Dx	
Heavy Oil Range Hydrocarbons	**459**	250	"	"	"	"	"	"	
Surrogate: 2-FBP	*94.3 %*	*50-150*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*144 %*	*50-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Total Metals by EPA 6010/7000 Series Methods
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB1-2.5 (S4B0111-01) Soil Sampled: 02/24/04 08:10 Received: 02/25/04 12:14									
Silver	**0.234**	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	**10.5**	2.50	"	"	"	"	"	"	
Barium	**149**	0.00119	"	"	"	"	"	"	
Cadmium	**0.366**	0.200	"	"	"	"	"	"	
Chromium	**12.0**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**112**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	
SB1-5 (S4B0111-02) Soil Sampled: 02/24/04 08:22 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	**3.93**	2.50	"	"	"	"	"	"	
Barium	**151**	0.00119	"	"	"	"	"	"	
Cadmium	**0.201**	0.200	"	"	"	"	"	"	
Chromium	**16.1**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**83.3**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	
SB1-6.5 (S4B0111-03) Soil Sampled: 02/24/04 08:55 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	**3.02**	2.50	"	"	"	"	"	"	
Barium	**114**	0.00119	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**74.6**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**39.0**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Total Metals by EPA 6010/7000 Series Methods
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB2-2.5 (S4B0111-04) Soil Sampled: 02/24/04 09:40 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	ND	2.50	"	"	"	"	"	"	
Barium	**151**	0.00119	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**10.2**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**104**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	
SB2-4 (S4B0111-05) Soil Sampled: 02/24/04 10:00 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	**2.84**	2.50	"	"	"	"	"	"	
Barium	**137**	0.00119	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**18.8**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**97.1**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	
SB3-0.5 (S4B0111-06) Soil Sampled: 02/24/04 10:30 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	ND	2.50	"	"	"	"	"	"	
Barium	**105**	0.00119	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**7.21**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**46.4**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Total Metals by EPA 6010/7000 Series Methods
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-2.5 (S4B0111-07) Soil Sampled: 02/24/04 11:35 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	**4.04**	2.50	"	"	"	"	"	"	
Barium	**94.8**	0.00119	"	"	"	"	"	"	
Cadmium	**0.316**	0.200	"	"	"	"	"	"	
Chromium	**17.4**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**117**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	
SB5-3.5 (S4B0111-08) Soil Sampled: 02/24/04 11:40 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	ND	2.50	"	"	"	"	"	"	
Barium	**90.2**	0.00119	"	"	"	"	"	"	
Cadmium	**0.278**	0.200	"	"	"	"	"	"	
Chromium	**10.2**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**62.2**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	
SB6-2.5 (S4B0111-09) Soil Sampled: 02/24/04 13:35 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	ND	2.50	"	"	"	"	"	"	
Barium	**72.1**	0.00119	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**5.56**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**24.9**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Total Metals by EPA 6010/7000 Series Methods
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-5 (S4B0111-10) Soil Sampled: 02/24/04 13:45 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	ND	2.50	"	"	"	"	"	"	
Barium	**62.5**	0.00119	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Chromium	**5.22**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**16.5**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	
SB7-2.5 (S4B0111-11) Soil Sampled: 02/24/04 14:25 Received: 02/25/04 12:14									
Silver	ND	0.200	mg/kg dry	1	4020199	02/27/04	03/01/04	EPA 6010B	
Arsenic	ND	2.50	"	"	"	"	"	"	
Barium	**281**	0.00119	"	"	"	"	"	"	
Cadmium	**0.574**	0.200	"	"	"	"	"	"	
Chromium	**9.09**	0.500	"	"	"	"	"	"	
Mercury	ND	0.0200	mg/kg	"	4020184	02/25/04	03/04/04	EPA 7471	
Lead	**71.0**	0.100	mg/kg dry	"	4020199	02/27/04	03/01/04	EPA 6010B	
Selenium	ND	0.400	"	"	"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB1-2.5 (S4B0111-01) Soil Sampled: 02/24/04 08:10 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4020209	02/27/04	03/02/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*112 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*95.6 %*	*40-150*			"	"	"	"	
SB1-5 (S4B0111-02) Soil Sampled: 02/24/04 08:22 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4020209	02/27/04	03/02/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*117 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*90.8 %*	*40-150*			"	"	"	"	
SB1-6.5 (S4B0111-03) Soil Sampled: 02/24/04 08:55 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4020209	02/27/04	03/02/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*128 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*102 %*	*40-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB2-2.5 (S4B0111-04) Soil Sampled: 02/24/04 09:40 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4020209	02/27/04	03/02/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*118 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*86.4 %*	*40-150*			"	"	"	"	
SB2-4 (S4B0111-05) Soil Sampled: 02/24/04 10:00 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4020209	02/27/04	03/03/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*124 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*125 %*	*40-150*			"	"	"	"	
SB3-0.5 (S4B0111-06) Soil Sampled: 02/24/04 10:30 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4030036	03/03/04	03/04/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*105 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*94.5 %*	*40-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-2.5 (S4B0111-07) Soil Sampled: 02/24/04 11:35 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4030036	03/03/04	03/04/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	**313**	50.0	"	"	"	"	"	"	
Surrogate: TCX	*111 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*103 %*	*40-150*			"	"	"	"	
SB5-3.5 (S4B0111-08) Soil Sampled: 02/24/04 11:40 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4030036	03/03/04	03/04/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	**1040**	50.0	"	"	"	"	"	"	
Surrogate: TCX	*116 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*95.9 %*	*40-150*			"	"	"	"	
SB6-2.5 (S4B0111-09) Soil Sampled: 02/24/04 13:35 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4030036	03/03/04	03/04/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*114 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*97.5 %*	*40-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polychlorinated Biphenyls by EPA Method 8082

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-5 (S4B0111-10) Soil Sampled: 02/24/04 13:45 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4030036	03/03/04	03/04/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*117 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*84.3 %*	*40-150*			"	"	"	"	
SB7-2.5 (S4B0111-11) Soil Sampled: 02/24/04 14:25 Received: 02/25/04 12:14									
PCB-1016	ND	50.0	ug/kg dry	1	4030036	03/03/04	03/04/04	EPA 8082	
PCB-1221	ND	50.0	"	"	"	"	"	"	
PCB-1232	ND	50.0	"	"	"	"	"	"	
PCB-1242	ND	50.0	"	"	"	"	"	"	
PCB-1248	ND	50.0	"	"	"	"	"	"	
PCB-1254	ND	50.0	"	"	"	"	"	"	
PCB-1260	ND	50.0	"	"	"	"	"	"	
Surrogate: TCX	*110 %*	*33.4-150*			"	"	"	"	
Surrogate: Decachlorobiphenyl	*108 %*	*40-150*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB1-2.5 (S4B0111-01) Soil Sampled: 02/24/04 08:10 Received: 02/25/04 12:14									
1-Methylnapthalene	**0.0218**	0.0100	mg/kg dry	1	4020187	02/25/04	03/03/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.0133**	0.0100	"	"	"	"	"	"	
Naphthalene	**0.0119**	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.0498**	0.0100	"	"	"	"	"	"	
Anthracene	**0.0533**	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.0625**	0.0100	"	"	"	"	"	"	
Pyrene	**0.0744**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0400**	0.0100	"	"	"	"	"	"	
Chrysene	**0.0400**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.0330**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.0274**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0372**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0211**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.0239**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*84.3 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*74.4 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*75.5 %*	*52.4-135*			"	"	"	"	
SB1-5 (S4B0111-02) Soil Sampled: 02/24/04 08:22 Received: 02/25/04 12:14									
1-Methylnapthalene	**0.0173**	0.0100	mg/kg dry	1	4020187	02/25/04	03/03/04	EPA 8270 mod.	
2-Methylnaphthalene	**0.0108**	0.0100	"	"	"	"	"	"	
Naphthalene	**0.0101**	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.0295**	0.0100	"	"	"	"	"	"	
Anthracene	**0.0317**	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.0353**	0.0100	"	"	"	"	"	"	
Pyrene	**0.0447**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0245**	0.0100	"	"	"	"	"	"	
Chrysene	**0.0252**	0.0100	"	"	"	"	"	"	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB1-5 (S4B0111-02) Soil Sampled: 02/24/04 08:22 Received: 02/25/04 12:14									
Benzo (b) fluoranthene	**0.0223**	0.0100	mg/kg dry	1	4020187	02/25/04	03/03/04	"	
Benzo (k) fluoranthene	**0.0180**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0231**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0130**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.0151**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*81.4 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*70.6 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*76.7 %*	*52.4-135*			"	"	"	"	
SB1-6.5 (S4B0111-03) Soil Sampled: 02/24/04 08:55 Received: 02/25/04 12:14									
1-Methylnapthalene	**0.0126**	0.0100	mg/kg dry	1	4020187	02/25/04	03/03/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Acenaphthene	ND	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	**0.0273**	0.0100	"	"	"	"	"	"	
Anthracene	**0.0301**	0.0100	"	"	"	"	"	"	
Fluoranthene	**0.0329**	0.0100	"	"	"	"	"	"	
Pyrene	**0.0393**	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0224**	0.0100	"	"	"	"	"	"	
Chrysene	**0.0217**	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.0182**	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	**0.0154**	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0196**	0.0100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0112**	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.0126**	0.0100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*82.6 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*70.4 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*73.5 %*	*52.4-135*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB2-2.5 (S4B0111-04) Soil Sampled: 02/24/04 09:40 Received: 02/25/04 12:14									
1-Methylnapthalene	ND	0.100	mg/kg dry	20	4020187	02/25/04	03/03/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.100	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Acenaphthene	ND	0.100	"	"	"	"	"	"	
Fluorene	ND	0.100	"	"	"	"	"	"	
Phenanthrene	ND	0.100	"	"	"	"	"	"	
Anthracene	**0.100**	0.100	"	"	"	"	"	"	
Fluoranthene	**0.158**	0.100	"	"	"	"	"	"	
Pyrene	**0.201**	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.100**	0.100	"	"	"	"	"	"	
Chrysene	**0.115**	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.100**	0.100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*52.1 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*59.9 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*71.9 %*	*52.4-135*			"	"	"	"	
SB2-4 (S4B0111-05) Soil Sampled: 02/24/04 10:00 Received: 02/25/04 12:14									
1-Methylnapthalene	ND	0.200	mg/kg dry	20	4020187	02/25/04	03/03/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.200	"	"	"	"	"	"	
Naphthalene	ND	0.200	"	"	"	"	"	"	
Acenaphthylene	ND	0.200	"	"	"	"	"	"	
Acenaphthene	ND	0.200	"	"	"	"	"	"	
Fluorene	ND	0.200	"	"	"	"	"	"	
Phenanthrene	**1.70**	0.200	"	"	"	"	"	"	
Anthracene	**1.81**	0.200	"	"	"	"	"	"	
Fluoranthene	**2.62**	0.200	"	"	"	"	"	"	
Pyrene	**3.22**	0.200	"	"	"	"	"	"	
Benzo (a) anthracene	**1.42**	0.200	"	"	"	"	"	"	
Chrysene	**1.29**	0.200	"	"	"	"	"	"	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB2-4 (S4B0111-05) Soil Sampled: 02/24/04 10:00 Received: 02/25/04 12:14									
Benzo (b) fluoranthene	**0.992**	0.200	mg/kg dry	20	4020187	02/25/04	03/03/04	"	
Benzo (k) fluoranthene	**0.949**	0.200	"	"	"	"	"	"	
Benzo (a) pyrene	**1.26**	0.200	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	**0.241**	0.200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.524**	0.200	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.567**	0.200	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*52.0 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*60.2 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*72.0 %*	*52.4-135*			"	"	"	"	
SB3-0.5 (S4B0111-06) Soil Sampled: 02/24/04 10:30 Received: 02/25/04 12:14									
1-Methylnapthalene	ND	0.0500	mg/kg dry	20	4020187	02/25/04	03/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0500	"	"	"	"	"	"	
Naphthalene	ND	0.0500	"	"	"	"	"	"	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Acenaphthene	ND	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.0500	"	"	"	"	"	"	
Phenanthrene	**0.0570**	0.0500	"	"	"	"	"	"	
Anthracene	**0.0713**	0.0500	"	"	"	"	"	"	
Fluoranthene	**0.0856**	0.0500	"	"	"	"	"	"	
Pyrene	**0.128**	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0570**	0.0500	"	"	"	"	"	"	
Chrysene	**0.0713**	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0713**	0.0500	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0500	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*47.9 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*59.9 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*72.0 %*	*52.4-135*			"	"	"	"	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-2.5 (S4B0111-07) Soil Sampled: 02/24/04 11:35 Received: 02/25/04 12:14									
1-Methylnapthalene	ND	0.0500	mg/kg dry	20	4020187	02/25/04	03/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0500	"	"	"	"	"	"	
Naphthalene	ND	0.0500	"	"	"	"	"	"	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Acenaphthene	ND	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.0500	"	"	"	"	"	"	
Phenanthrene	ND	0.0500	"	"	"	"	"	"	
Anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	**0.127**	0.0500	"	"	"	"	"	"	
Pyrene	**0.155**	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0845**	0.0500	"	"	"	"	"	"	
Chrysene	**0.113**	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	**0.0986**	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0986**	0.0500	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.0845**	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.113**	0.0500	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*52.0 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*59.9 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*67.9 %*	*52.4-135*			"	"	"	"	
SB5-3.5 (S4B0111-08) Soil Sampled: 02/24/04 11:40 Received: 02/25/04 12:14									
1-Methylnapthalene	ND	0.0500	mg/kg dry	20	4020187	02/25/04	03/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0500	"	"	"	"	"	"	
Naphthalene	ND	0.0500	"	"	"	"	"	"	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Acenaphthene	ND	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.0500	"	"	"	"	"	"	
Phenanthrene	ND	0.0500	"	"	"	"	"	"	
Anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	**0.0567**	0.0500	"	"	"	"	"	"	
Pyrene	**0.0850**	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	**0.0850**	0.0500	"	"	"	"	"	"	
Chrysene	**0.0567**	0.0500	"	"	"	"	"	"	

North Creek Analytical - Spokane

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB5-3.5 (S4B0111-08) Soil Sampled: 02/24/04 11:40 Received: 02/25/04 12:14									
Benzo (b) fluoranthene	ND	0.0500	mg/kg dry	20	4020187	02/25/04	03/04/04	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	**0.0567**	0.0500	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0500	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*31.9 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*52.0 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*55.9 %*	*52.4-135*			"	"	"	"	
SB6-2.5 (S4B0111-09) Soil Sampled: 02/24/04 13:35 Received: 02/25/04 12:14									
1-Methylnapthalene	ND	0.0500	mg/kg dry	20	4020187	02/25/04	03/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0500	"	"	"	"	"	"	
Naphthalene	ND	0.0500	"	"	"	"	"	"	
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	
Acenaphthene	ND	0.0500	"	"	"	"	"	"	
Fluorene	ND	0.0500	"	"	"	"	"	"	
Phenanthrene	ND	0.0500	"	"	"	"	"	"	
Anthracene	ND	0.0500	"	"	"	"	"	"	
Fluoranthene	ND	0.0500	"	"	"	"	"	"	
Pyrene	**0.0575**	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	
Chrysene	ND	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0500	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*47.9 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*60.2 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*72.1 %*	*52.4-135*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-5 (S4B0111-10) Soil Sampled: 02/24/04 13:45 Received: 02/25/04 12:14									
1-Methylnapthalene	ND	0.0250	mg/kg dry	10	4020187	02/25/04	03/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.0250	"	"	"	"	"	"	
Naphthalene	ND	0.0250	"	"	"	"	"	"	
Acenaphthylene	ND	0.0250	"	"	"	"	"	"	
Acenaphthene	ND	0.0250	"	"	"	"	"	"	
Fluorene	ND	0.0250	"	"	"	"	"	"	
Phenanthrene	ND	0.0250	"	"	"	"	"	"	
Anthracene	ND	0.0250	"	"	"	"	"	"	
Fluoranthene	ND	0.0250	"	"	"	"	"	"	
Pyrene	**0.0282**	0.0250	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0250	"	"	"	"	"	"	
Chrysene	ND	0.0250	"	"	"	"	"	"	
nzo (b) fluoranthene	ND	0.0250	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0250	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0250	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.0250	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0250	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0250	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*56.0 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*56.0 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*78.1 %*	*52.4-135*			"	"	"	"	
SB7-2.5 (S4B0111-11) Soil Sampled: 02/24/04 14:25 Received: 02/25/04 12:14									
1-Methylnapthalene	ND	0.100	mg/kg dry	10	4020187	02/25/04	03/04/04	EPA 8270 mod.	
2-Methylnaphthalene	ND	0.100	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Acenaphthene	ND	0.100	"	"	"	"	"	"	
Fluorene	ND	0.100	"	"	"	"	"	"	
Phenanthrene	**0.344**	0.100	"	"	"	"	"	"	
Anthracene	**0.373**	0.100	"	"	"	"	"	"	
Fluoranthene	**0.534**	0.100	"	"	"	"	"	"	
Pyrene	**0.593**	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	**0.337**	0.100	"	"	"	"	"	"	
Chrysene	**0.300**	0.100	"	"	"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB7-2.5 (S4B0111-11) Soil Sampled: 02/24/04 14:25 Received: 02/25/04 12:14									
Benzo (b) fluoranthene	**0.212**	0.100	mg/kg dry	10	4020187	02/25/04	03/04/04	"	
Benzo (k) fluoranthene	**0.227**	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	**0.271**	0.100	"	"	"	"	"	"	
Dibenzo (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**0.117**	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	**0.117**	0.100	"	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	*57.9 %*	*30.9-139*			"	"	"	"	
Surrogate: 2-FBP	*65.8 %*	*27.1-135*			"	"	"	"	
Surrogate: p-Terphenyl-d14	*69.9 %*	*52.4-135*			"	"	"	"	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Conventional Chemistry Parameters by APHA/EPA Methods
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB1-2.5 (S4B0111-01) Soil Sampled: 02/24/04 08:10 Received: 02/25/04 12:14									
% Solids	**95.0**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB1-5 (S4B0111-02) Soil Sampled: 02/24/04 08:22 Received: 02/25/04 12:14									
% Solids	**92.5**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB1-6.5 (S4B0111-03) Soil Sampled: 02/24/04 08:55 Received: 02/25/04 12:14									
% Solids	**95.1**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB2-2.5 (S4B0111-04) Soil Sampled: 02/24/04 09:40 Received: 02/25/04 12:14									
% Solids	**92.9**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB2-4 (S4B0111-05) Soil Sampled: 02/24/04 10:00 Received: 02/25/04 12:14									
% Solids	**94.1**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB3-0.5 (S4B0111-06) Soil Sampled: 02/24/04 10:30 Received: 02/25/04 12:14									
% Solids	**93.5**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB5-2.5 (S4B0111-07) Soil Sampled: 02/24/04 11:35 Received: 02/25/04 12:14									
% Solids	**94.7**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB5-3.5 (S4B0111-08) Soil Sampled: 02/24/04 11:40 Received: 02/25/04 12:14									
% Solids	**94.1**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB6-2.5 (S4B0111-09) Soil Sampled: 02/24/04 13:35 Received: 02/25/04 12:14									
% Solids	**92.8**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Conventional Chemistry Parameters by APHA/EPA Methods
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB6-5 (S4B0111-10) Soil Sampled: 02/24/04 13:45 Received: 02/25/04 12:14									
% Solids	**94.6**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	
SB7-2.5 (S4B0111-11) Soil Sampled: 02/24/04 14:25 Received: 02/25/04 12:14									
% Solids	**91.1**	0.0100	% by Weight	1	4030034	03/03/04	03/03/04	Gravimetry	

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3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Total Metals per EPA 6000/7000 Series Methods
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB1-6.5 (S4B0111-03RE2) Soil Sampled: 02/24/04 08:55 Received: 02/25/04 12:14									
Hexavalent Chromium	ND	7.30	mg/kg dry	10	4031071	03/26/04	03/30/04	EPA 3060A	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Percent Dry Weight (Solids) per Standard Methods
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB1-6.5 (S4B0111-03) Soil Sampled: 02/24/04 08:55 Received: 02/25/04 12:14									
% Solids	**94.3**	1.00	% by Weight	1	4030496	03/12/04	03/15/04	NCA SOP	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Hydrocarbon Identification by NWTPH-HCID - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020191: Prepared 02/26/04 Using HCID (NW)										
Blank (4020191-BLK1)										
Gasoline Range Hydrocarbons	ND	20	mg/kg wet							
Diesel Range Hydrocarbons	ND	50	"							
Heavy Oil Range Hydrocarbons	ND	100	"							
Surrogate: 4-BFB (FID)	*52.3*		"	*40.2*		*130*	*50-150*			
Surrogate: 2-FBP	*55.3*		"	*39.9*		*139*	*50-150*			
Surrogate: p-Terphenyl-d14	*53.1*		"	*40.2*		*132*	*50-150*			
Duplicate (4020191-DUP1)					**Source: S4B0111-01**					
Gasoline Range Hydrocarbons	ND	20	mg/kg dry		0.0				25	
Diesel Range Hydrocarbons	ND	50	"		12			11.8	25	
Heavy Oil Range Hydrocarbons	108	100	"		87			21.5	25	
Surrogate: 4-BFB (FID)	*52.6*		"	*42.3*		*124*	*50-150*			
Surrogate: 2-FBP	*53.7*		"	*42.0*		*128*	*50-150*			
Surrogate: p-Terphenyl-d14	*53.6*		"	*42.3*		*127*	*50-150*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Semivolatile Petroleum Products by NWTPH-Dx - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030083: Prepared 03/08/04 Using EPA 3550B										
Blank (4030083-BLK1)										
Diesel Range Hydrocarbons	ND	10.0	mg/kg wet							
Heavy Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	*6.98*		"	*6.90*		*101*	*50-150*			
Surrogate: p-Terphenyl-d14	*6.29*		"	*6.67*		*94.3*	*50-150*			
LCS (4030083-BS1)										
Diesel Range Hydrocarbons	88.3	10.0	mg/kg wet	83.3		106	50-150			
Surrogate: 2-FBP	*7.86*		"	*6.90*		*114*	*50-150*			
Surrogate: p-Terphenyl-d14	*6.44*		"	*6.67*		*96.6*	*50-150*			
Duplicate (4030083-DUP1)					**Source: S4B0111-06**					
Diesel Range Hydrocarbons	ND	100	mg/kg dry		28.3			6.83	25	
Heavy Oil Range Hydrocarbons	384	250	"		425			10.1	25	
Surrogate: 2-FBP	*5.75*		"	*7.38*		*77.9*	*50-150*			
Surrogate: p-Terphenyl-d14	*7.97*		"	*7.13*		*112*	*50-150*			
Matrix Spike (4030083-MS1)					**Source: S4B0111-06**					
Diesel Range Hydrocarbons	132	100	mg/kg dry	89.1	28.3	116	50-150			
Surrogate: 2-FBP	*6.13*		"	*7.38*		*83.1*	*50-150*			
Surrogate: p-Terphenyl-d14	*6.24*		"	*7.13*		*87.5*	*50-150*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Total Metals by EPA 6010/7000 Series Methods - Quality Control

North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020184: Prepared 02/25/04 Using EPA 7000 series										
Blank (4020184-BLK1)										
Mercury	ND	0.0200	mg/kg							
LCS (4020184-BS1)										
Mercury	0.660	0.0200	mg/kg	0.600		110	75-125			
Duplicate (4020184-DUP1)					**Source: S4B0103-01**					
Mercury	ND	0.0200	mg/kg		ND				25	
Matrix Spike (4020184-MS1)					**Source: S4B0103-01**					**Q-02**
Mercury	0.150	0.0200	mg/kg	0.600	ND	25.0	75-125			
Matrix Spike Dup (4020184-MSD1)					**Source: S4B0103-01**					**Q-02**
Mercury	0.112	0.0200	mg/kg	0.600	ND	18.7	75-125	29.0	25	
Batch 4020199: Prepared 02/27/04 Using Metals										
Blank (4020199-BLK1)										
Arsenic	ND	2.50	mg/kg wet							
Barium	0.00781	0.00119	"							
Cadmium	ND	0.200	"							
Chromium	ND	0.500	"							
Lead	ND	0.100	"							
Selenium	0.616	0.400	"							
Silver	ND	0.200	"							
LCS (4020199-BS1)										
Arsenic	51.2	2.50	mg/kg wet	50.5		101	80-140			
Barium	47.9	0.00119	"	50.0		95.8	80-149			
Cadmium	53.5	0.200	"	50.0		107	70-140			
Chromium	51.5	0.500	"	50.0		103	70-135			
Lead	55.1	0.100	"	50.5		109	70-135			
Selenium	55.4	0.400	"	50.0		111	80-130			
Silver	49.6	0.200	"	49.8		99.6	70-130			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Total Metals by EPA 6010/7000 Series Methods - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020199: Prepared 02/27/04 Using Metals										
Duplicate (4020199-DUP1)					**Source: S4B0065-01**					
Arsenic	33.3	2.50	mg/kg dry		33.8			1.49	20	
Barium	67.9	0.00119	"		72.9			7.10	20	
Cadmium	59.0	0.200	"		59.9			1.51	20	
Chromium	4.88	0.500	"		6.24			24.5	20	Q-05
Lead	12100	1.00	"		12100			0.00	20	
Selenium	19.7	0.400	"		17.3			13.0	20	
Silver	1.83	0.200	"		1.96			6.86	20	
Matrix Spike (4020199-MS1)					**Source: S4B0065-01**					
Arsenic	76.4	2.50	mg/kg dry	53.0	33.8	80.4	70-130			
Barium	114	0.00119	"	52.5	72.9	78.3	70-130			
Cadmium	98.7	0.200	"	52.5	59.9	73.9	70-130			
Chromium	44.9	0.500	"	52.5	6.24	73.6	70-130			
Lead	8830	0.100	"	53.0	12100	-6170	70-130			Q-03
Selenium	60.0	0.400	"	52.5	17.3	81.3	70-130			
Silver	44.6	0.200	"	52.3	1.96	81.5	70-130			
Matrix Spike Dup (4020199-MSD1)					**Source: S4B0065-01**					
Arsenic	83.1	2.50	mg/kg dry	53.0	33.8	93.0	70-130	8.40	20	
Barium	119	0.00119	"	52.5	72.9	87.8	70-130	4.29	20	
Cadmium	103	0.200	"	52.5	59.9	82.1	70-130	4.26	20	
Chromium	47.6	0.500	"	52.5	6.24	78.8	70-130	5.84	20	
Lead	12900	0.100	"	53.0	12100	1510	70-130	37.5	20	Q-03
Selenium	64.2	0.400	"	52.5	17.3	89.3	70-130	6.76	20	
Silver	49.4	0.200	"	52.3	1.96	90.7	70-130	10.2	20	

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020209: Prepared 02/27/04 Using EPA 3550B										
Blank (4020209-BLK1)										
PCB-1016	ND	50.0	ug/kg wet							
PCB-1221	ND	50.0	"							
PCB-1232	ND	50.0	"							
PCB-1242	ND	50.0	"							
PCB-1248	ND	50.0	"							
PCB-1254	ND	50.0	"							
PCB-1260	ND	50.0	"							
Surrogate: TCX	*7.88*		"	*6.67*		*118*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*8.80*		"	*6.67*		*132*	*40-150*			
LCS (4020209-BS1)										
PCB-1016	180	50.0	ug/kg wet	167		108	50-150			
PCB-1260	189	50.0	"	167		113	49-140			
Surrogate: TCX	*7.46*		"	*6.67*		*112*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*6.30*		"	*6.67*		*94.5*	*40-150*			
Matrix Spike (4020209-MS1)					**Source: S4B0043-01**					
PCB-1016	222	50.0	ug/kg dry	195	ND	114	50-150			
PCB-1260	248	50.0	"	195	ND	127	47-155			
Surrogate: TCX	*9.19*		"	*7.79*		*118*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*8.76*		"	*7.79*		*112*	*40-150*			
Matrix Spike (4020209-MS2)					**Source: S4B0111-05**					
PCB-1016	213	50.0	ug/kg dry	177	ND	120	50-150			
PCB-1260	220	50.0	"	177	8.37	120	47-155			
Surrogate: TCX	*9.40*		"	*7.08*		*133*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*8.47*		"	*7.08*		*120*	*40-150*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020209: Prepared 02/27/04 Using EPA 3550B										
Matrix Spike Dup (4020209-MSD1)					**Source: S4B0043-01**					
PCB-1016	200	50.0	ug/kg dry	195	ND	103	50-150	10.4	25	
PCB-1260	234	50.0	"	195	ND	120	47-155	5.81	48	
Surrogate: TCX	*8.29*		"	*7.79*		*106*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*8.53*		"	*7.79*		*109*	*40-150*			
Matrix Spike Dup (4020209-MSD2)					**Source: S4B0111-05**					
PCB-1016	183	50.0	ug/kg dry	177	ND	103	50-150	15.2	25	
PCB-1260	198	50.0	"	177	8.37	107	47-155	10.5	48	
Surrogate: TCX	*7.73*		"	*7.08*		*109*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*8.74*		"	*7.08*		*123*	*40-150*			
Batch 4030036: Prepared 03/03/04 Using EPA 3550B										
Blank (4030036-BLK1)										
PCB-1016	ND	50.0	ug/kg wet							
PCB-1221	ND	50.0	"							
PCB-1232	ND	50.0	"							
PCB-1242	ND	50.0	"							
PCB-1248	ND	50.0	"							
PCB-1254	ND	50.0	"							
PCB-1260	ND	50.0	"							
Surrogate: TCX	*6.66*		"	*6.67*		*99.9*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*7.62*		"	*6.67*		*114*	*40-150*			
LCS (4030036-BS1)										
PCB-1016	182	50.0	ug/kg wet	167		109	50-150			
PCB-1260	212	50.0	"	167		127	49-140			
Surrogate: TCX	*6.88*		"	*6.67*		*103*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*7.33*		"	*6.67*		*110*	*40-150*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030036: Prepared 03/03/04 Using EPA 3550B										
Matrix Spike (4030036-MS1)					**Source: S4B0111-06**					
PCB-1016	185	50.0	ug/kg dry	178	ND	104	50-150			
PCB-1260	206	50.0	"	178	5.15	113	47-155			
Surrogate: TCX	*7.42*		"	*7.13*		*104*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*6.74*		"	*7.13*		*94.5*	*40-150*			
Matrix Spike Dup (4030036-MSD1)					**Source: S4B0111-06**					
PCB-1016	197	50.0	ug/kg dry	178	ND	111	50-150	6.28	25	
PCB-1260	204	50.0	"	178	5.15	112	47-155	0.976	48	
Surrogate: TCX	*8.20*		"	*7.13*		*115*	*33.4-150*			
Surrogate: Decachlorobiphenyl	*6.45*		"	*7.13*		*90.5*	*40-150*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020187: Prepared 02/25/04 Using EPA 3550B										
Blank (4020187-BLK1)										
1-Methylnapthalene	ND	0.0100	mg/kg wet							
2-Methylnaphthalene	ND	0.0100	"							
Naphthalene	ND	0.0100	"							
Acenaphthylene	ND	0.0100	"							
Acenaphthene	ND	0.0100	"							
Fluorene	ND	0.0100	"							
Phenanthrene	ND	0.0100	"							
Anthracene	ND	0.0100	"							
Fluoranthene	ND	0.0100	"							
Pyrene	ND	0.0100	"							
Benzo (a) anthracene	ND	0.0100	"							
Chrysene	ND	0.0100	"							
Benzo (b) fluoranthene	ND	0.0100	"							
Benzo (k) fluoranthene	ND	0.0100	"							
Benzo (a) pyrene	ND	0.0100	"							
Dibenzo (a,h) anthracene	ND	0.0100	"							
Indeno (1,2,3-cd) pyrene	ND	0.0100	"							
Benzo (ghi) perylene	ND	0.0100	"							
Surrogate: Nitrobenzene-d5	*0.258*		"	*0.333*		*77.5*	*30.9-139*			
Surrogate: 2-FBP	*0.225*		"	*0.333*		*67.6*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.236*		"	*0.333*		*70.9*	*52.4-135*			
LCS (4020187-BS1)										
Naphthalene	0.131	0.0100	mg/kg wet	0.167		78.4	46.3-135			
Fluorene	0.133	0.0100	"	0.167		79.6	47.6-135			
Chrysene	0.127	0.0100	"	0.167		76.0	38.5-135			
Indeno (1,2,3-cd) pyrene	0.140	0.0100	"	0.167		83.8	37.8-135			
Surrogate: Nitrobenzene-d5	*0.263*		"	*0.333*		*79.0*	*30.9-139*			
Surrogate: 2-FBP	*0.243*		"	*0.333*		*73.0*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.244*		"	*0.333*		*73.3*	*52.4-135*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Spokane

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4020187: Prepared 02/25/04 Using EPA 3550B										
Matrix Spike (4020187-MS1)					**Source: S4B0104-01**					
Naphthalene	0.155	0.0100	mg/kg dry	0.177	0.00708	83.6	46.3-135			
Fluorene	0.162	0.0100	"	0.177	0.00283	89.9	47.6-135			
Chrysene	0.141	0.0100	"	0.177	ND	79.7	38.5-135			
Indeno (1,2,3-cd) pyrene	0.136	0.0100	"	0.177	0.00425	74.4	37.8-135			
Surrogate: Nitrobenzene-d5	*0.285*		"	*0.354*		*80.5*	*30.9-139*			
Surrogate: 2-FBP	*0.263*		"	*0.354*		*74.3*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.259*		"	*0.354*		*73.2*	*52.4-135*			
Matrix Spike Dup (4020187-MSD1)					**Source: S4B0104-01**					
Naphthalene	0.152	0.0100	mg/kg dry	0.177	0.00708	81.9	46.3-135	1.95	25	
Fluorene	0.152	0.0100	"	0.177	0.00283	84.3	47.6-135	6.37	25	
hrysene	0.135	0.0100	"	0.177	ND	76.3	38.5-135	4.35	25	
ndeno (1,2,3-cd) pyrene	0.118	0.0100	"	0.177	0.00425	64.3	37.8-135	14.2	25	
Surrogate: Nitrobenzene-d5	*0.307*		"	*0.354*		*86.7*	*30.9-139*			
Surrogate: 2-FBP	*0.251*		"	*0.354*		*70.9*	*27.1-135*			
Surrogate: p-Terphenyl-d14	*0.252*		"	*0.354*		*71.2*	*52.4-135*			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	Reported:
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Total Metals per EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4031071: Prepared 03/26/04 Using EPA 3060A Cr6										
Blank (4031071-BLK1)										
Hexavalent Chromium	ND	10.0	mg/kg wet							
LCS (4031071-BS1)										
Hexavalent Chromium	20.8	10.0	mg/kg wet	20.0		104	80-120			
Duplicate (4031071-DUP1)					**Source: S4B0111-03**					
Hexavalent Chromium	ND	8.77	mg/kg dry		ND				40	
Matrix Spike (4031071-MS1)					**Source: S4B0111-03**					
Hexavalent Chromium	14.4	7.69	mg/kg dry	16.3	ND	88.3	75-125			

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SLR International Corp	Project: Schade Brewery	
3810 E. Boone Ave., Suite 204	Project Number: 003.0156.00002	**Reported:**
Spokane WA, 99202	Project Manager: Jeff Leppo	04/05/04 12:34

Percent Dry Weight (Solids) per Standard Methods - Quality Control
North Creek Analytical - Portland

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4030496: Prepared 03/12/04 Using Dry Weight										
Duplicate (4030496-DUP1)					**Source: P4C0311-01**					
% Solids	71.4	1.00	% by Weight		71.2			0.281	20	
Duplicate (4030496-DUP2)					**Source: P4C0357-01**					
% Solids	82.5	1.00	% by Weight		82.8			0.363	20	
Duplicate (4030496-DUP3)					**Source: P4C0386-01**					
% Solids	80.7	1.00	% by Weight		80.7			0.00	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Notes and Definitions

Q-02	The spike recovery for this QC sample is outside of NCA established control limits due to sample matrix interference.
Q-03	The spike recovery for this QC sample cannot be accurately calculated due to high concentration of analyte in the sample.
Q-05	RPD values are not controlled at sample concentrations less than 10 times the reporting limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

APPENDIX L

SLR
International Corp

Probability Plot -
Rejection of Lognormal
and Normal Distributions

DRO Data Analysis
MTCA Stat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	5	SB1-2.5						
3	5	SB1-5	Number of samples		Uncensored values		Sort data	
4	5	SB1-6.5	Uncensored	9	Mean	179.695		
5	5	SB2-2.5	Censored	32	Lognormal mean	32.437		
6	57	SB2-4	Detection limit or PQL	10	Std. devn.	773.705		
7	5	SB3-0.5	Method detection limit	10	Median	5	Lognormal	
8	5	SB5-2.5	TOTAL	73	Min.	5		
9	5	SB5-3.5	ENTER DATA		Max	4300	Normal	
10	5	SB6-2.5						
11	5	SB6-5					Neither	
12	5	SB7-2.5	Probability plot method			W test	D'Agostino's test	
13	5	TP1-2.5						
14	5	TP1-7.5	Lognormal distribution?		Normal distribution?		Clear messages	
15	5	TP2-3.5	r-squared is:	0.630	r-squared is:	0.254		
16	5	TP2-8	*Recommendations:*				Clear all	
17	5	TP3-3						
18	5	TP3-7	Reject BOTH lognormal and normal distributions. See Statistics Guidance.				Histogram	
19	5	TP3-10						
20	69	TP4-2					5 10 20	
21	5	TP4-5						
22	5	TP5-2					Create report	
23	5	TP5-3.5						
24	5	TP6-2.5					Sample size	
25	5	TP6-6						
26	63	TP7-2.5						
27	5	TP7-5.5						
28	5	TP8-2						
29	23.3	TP8-7						
30	10.3	TP9-1						
31	14	TP10-1						
32	5	TP11-2						
33	70.9	TP11-4.5						
34	5	(K)TP-1-12						
35	5	(K)TP-2-8						
36	5	(K)TP-3-13.5						
37	2600	(K)TP-4-12						
38	5	(K)TP-6-9						
39	5	(K)TP-7-5						
40	5	(K)TP-8-4						
41	4300	(K)TP-8-9						
42	5	(K)TP-9-1						

Finished

Exit
MTCA*Stat*

Probability Plot -
Rejection of Lognormal
and Normal Distributions

Heavy Oil Range TPH
MTCAStat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	12.5	SB1-2.5						
3	12.5	SB1-5	Number of samples		Uncensored values		Sort data	
4	12.5	SB1-6.5	Uncensored	41	Mean	824.144		
5	734	SB2-2.5	Censored	20	Lognormal mean	499.649		Finished
6	280	SB2-4	Detection limit or PQL	25	Std. devn.	2607.975		
7	425	SB3-0.5	Method detection limit	25	Median	28.3	Lognormal	Exit MTCA*Stat*
8	260	SB5-2.5	TOTAL	61	Min.	12.5		
9	459	SB5-3.5	ENTER DATA		Max	13000	Normal	
10	200	SB6-2.5						
11	180	SB6-5					Neither	
12	110	SB7-2.5	Probability plot method		W test	D'Agostino's test		
13	12.5	TP1-2.5						
14	12.5	TP1-7.5	Lognormal distribution?		Normal distribution?		Clear messages	
15	12.5	TP2-3.5	r-squared is:	0.831	r-squared is:	0.264		
16	12.5	TP2-8	*Recommendations:*				Clear all	
17	420	TP3-3						
18	12.5	TP3-7	Reject BOTH lognormal and normal distributions. See Statistics Guidance.				Histogram	
19	12.5	TP3-10						
20	240	TP4-2					5 10 20	
21	130	TP4-5						
22	230	TP5-2					Create report	
23	12.5	TP5-3.5						
24	12.5	TP6-2.5					Sample size	
25	12.5	TP6-6						
26	300	TP7-2.5						
27	12.5	TP7-5.5						
28	12.5	TP8-2						
29	84.8	TP8-7						
30	45.5	TP9-1						
31	72.3	TP10-1						
32	28.3	TP11-2						
33	271	TP11-4.5						
34	12.5	(K)TP-1-12						
35	12.5	(K)TP-2-8						
36	12.5	(K)TP-3-13.5						
37	8300	(K)TP-4-12						
38	12.5	(K)TP-6-9						
39	7770	(K)TP-7-5						
40	12.5	(K)TP-8-4						
41	13000	(K)TP-8-9						
42	12.5	(K)TP-9-1						

Arsenic Metal Data Analysis
MTCAStat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	10.5	SB1-2.5						
3	3.93	SB1-5	Number of samples		Uncensored values		Sort data	
4	3.02	SB1-6.5	Uncensored	41	Mean	5.890		
5	1.25	SB2-2.5	Censored	16	Lognormal mean	5.547		
6	2.84	SB2-4	Detection limit or PQL	2.5	Std. devn.	8.076		
7	1.25	SB3-0.5	Method detection limit	2.5	Median	3.02	Lognormal	
8	4.04	SB5-2.5	TOTAL	57	Min.	1.25		
9	1.25	SB5-3.5	ENTER DATA		Max	38	Normal	
10	1.25	SB6-2.5						
11	1.25	SB6-5					Neither	
12	1.25	SB7-2.5	Probability plot method		W test	D'Agostino's test		
13	9.97	TP1-2.5						
14	9.57	TP1-7.5	Lognormal distribution?		Normal distribution?		Clear messages	
15	4.33	TP2-3.5	r-squared is:	0.882	r-squared is:	0.521		
16	5.14	TP2-8	*Recommendations:*				Clear all	
17	3.01	TP3-3						
18	3.79	TP3-7	Reject BOTH lognormal and normal distributions. See Statistics Guidance.				Histogram	
19	2.93	TP3-10						
20	8.49	TP4-2					5 10 20	
21	7.33	TP4-5						
22	6.03	TP5-2					Create report	
23	1.25	TP5-3.5						
24	3.15	TP6-2.5					Sample size	
25	1.25	TP6-6						
26	32.3	TP7-2.5						
27	1.25	TP7-5.5						
28	8.1	TP8-2						
29	4.45	TP8-7						
30	8.45	TP9-1						
31	10.2	TP10-1						
32	5.69	TP11-2						
33	1.25	TP11-4.5						
34	1.25	(K)TP-1-12						
35	1.25	(K)TP-2-8						
36	25	(K)TP-3-13.5						
37	1.25	(K)TP-4-12						
38	1.25	(K)TP-6-9						
39	1.25	(K)TP-7-5						
40	1.25	(K)TP-8-4						
41	1.25	(K)TP-8-9						
42	38	(K)TP-9-1						

Finished

Exit MTCA*Stat*

Cadmium Data Analysis
MTCAStat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	0.366	SB1-2.5						
3	0.201	SB1-5	Number of samples		Uncensored values		Sort data	
4	0.1	SB1-6.5	Uncensored	41	Mean	1.674		
5	1.25	SB2-2.5	Censored	22	Lognormal mean	1.660		Finished
6	1.25	SB2-4	Detection limit or PQL	0.2	Std. devn.	1.977		
7	1.25	SB3-0.5	Method detection limit	0.2	Median	1.25	Lognormal	
8	0.316	SB5-2.5	TOTAL	63	Min.	0.1		Exit MTCAStat
9	0.278	SB5-3.5	ENTER DATA		Max.	9.37	Normal	
10	1.25	SB6-2.5						
11	1.25	SB6-5					Neither	
12	0.574	SB7-2.5	Probability plot method		W test	D'Agostino's test		
13	1.25	TP1-2.5						
14	1.25	TP1-7.5	Lognormal distribution?		Normal distribution?		Clear messages	
15	1.25	TP2-3.5	r-squared is:	0.838	r-squared is:	0.532		
16	1.25	TP2-8	*Recommendations:*				Clear all	
17	1.25	TP3-3						
18	1.25	TP3-7	Reject BOTH lognormal and normal distributions. See Statistics Guidance.				Histogram	
19	1.25	TP3-10						
20	1.97	TP4-2					5 10 20	
21	0.955	TP4-5						
22	9.37	TP5-2					Create report	
23	1.25	TP5-3.5						
24	0.349	TP6-2.5					Sample size	
25	1.25	TP6-6						
26	8.91	TP7-2.5						
27	0.872	TP7-5.5						
28	1.25	TP8-2						
29	0.907	TP8-7						
30	0.482	TP9-1						
31	0.647	TP10-1						
32	1.25	TP11-2						
33	1.19	TP11-4.5						
34	2.9	(K)TP-1-12						
35	1.25	(K)TP-2-8						
36	2.1	(K)TP-3-13.5						
37	1.25	(K)TP-4-12						
38	4.6	(K)TP-6-9						
39	1.25	(K)TP-7-5						
40	1.25	(K)TP-8-4						
41	1.25	(K)TP-8-9						
42	5.3	(K)TP-9-1						

Chromium Data Analysis
MTCAStat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	12	SB1-2.5						
3	16.1	SB1-5	Number of samples		Uncensored values		Sort data	
4	74.6	SB1-6.5	Uncensored	41	Mean	13.418		
5	10.2	SB2-2.5	Censored	9	Lognormal mean	28.382		
6	18.8	SB2-4	Detection limit or PQL	0.5	Std. devn.	13.294		Finished
7	7.21	SB3-0.5	Method detection limit	0.5	Median	12	Lognormal	
8	17.4	SB5-2.5	TOTAL	50	Min.	0.25		Exit MTCAStat
9	10.2	SB5-3.5	ENTER DATA		Max.	74.6	Normal	
10	5.56	SB6-2.5						
11	5.22	SB6-5					Neither	
12	9.09	SB7-2.5	Probability plot method		W test	D'Agostino's test		
13	11.6	TP1-2.5					Clear messages	
14	14.7	TP1-7.5	Lognormal distribution?		Normal distribution?			
15	11.9	TP2-3.5	r-squared is:	0.860	r-squared is:	0.706		
16	16.1	TP2-8	*Recommendations:*				Clear all	
17	11.3	TP3-3						
18	8.39	TP3-7	Reject BOTH lognormal and normal distributions. See Statistics Guidance.				Histogram	
19	18.2	TP3-10						
20	16	TP4-2					5 10 20	
21	20.2	TP4-5						
22	30.7	TP5-2					Create report	
23	16.4	TP5-3.5						
24	14.4	TP6-2.5					Sample size	
25	5.62	TP6-6						
26	39	TP7-2.5						
27	12.3	TP7-5.5						
28	12.1	TP8-2						
29	17.6	TP8-7						
30	15.5	TP9-1						
31	19	TP10-1						
32	21.7	TP11-2						
33	28.8	TP11-4.5						
34	0.25	(K)TP-1-12						
35	0.25	(K)TP-2-8						
36	0.25	(K)TP-3-13.5						
37	0.25	(K)TP-4-12						
38	0.25	(K)TP-6-9						
39	0.25	(K)TP-7-5						
40	0.25	(K)TP-8-4						
41	0.25	(K)TP-8-9						
42	0.25	(K)TP-9-1						

Lead Data Analysis
MTCAStat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	112	SB1-2.5						
3	83.3	SB1-5	Number of samples		Uncensored values		Sort data	
4	39	SB1-6.5	Uncensored	41	Mean	310.599		
5	104	SB2-2.5	Censored	1	Lognormal mean	548.731		Finished
6	97.1	SB2-4	Detection limit or PQL	0.1	Std. devn.	552.963		
7	46.4	SB3-0.5	Method detection limit	0.1	Median	103	Lognormal	
8	117	SB5-2.5	TOTAL	42	Min.	0.05		Exit MTCAStat
9	62.2	SB5-3.5	ENTER DATA		Max.	2520	Normal	
10	24.9	SB6-2.5						
11	16.5	SB6-5					Neither	
12	71	SB7-2.5	Probability plot method			W test	D'Agostino's test	
13	10.9	TP1-2.5						
14	78.7	TP1-7.5	Lognormal distribution?		Normal distribution?		Clear messages	
15	86.9	TP2-3.5	r-squared is:	0.881	r-squared is:	0.553		
16	103	TP2-8	*Recommendations:*				Clear all	
17	91.6	TP3-3						
18	10.8	TP3-7	Reject BOTH lognormal and normal distributions. See Statistics Guidance.				Histogram	
19	126	TP3-10						
20	690	TP4-2					5 10 20	
21	341	TP4-5						
22	2520	TP5-2					Create report	
23	9.31	TP5-3.5						
24	97.5	TP6-2.5					Sample size	
25	13.8	TP6-6						
26	2200	TP7-2.5						
27	144	TP7-5.5						
28	17.5	TP8-2						
29	184	TP8-7						
30	94.4	TP9-1						
31	142	TP10-1						
32	40.7	TP11-2						
33	205	TP11-4.5						
34	712	(K)TP-1-12						
35	1530	(K)TP-2-8						
36	262	(K)TP-3-13.5						
37	449	(K)TP-4-12						
38	428	(K)TP-6-9						
39	0.05	(K)TP-7-5						
40	262	(K)TP-8-4						
41	270	(K)TP-8-9						
42	841	(K)TP-9-1						

Mercury Data Analysis
MTCAStat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	0.05	SB1-2.5					Sort data	
3	0.05	SB1-5	Number of samples		Uncensored values			
4	0.05	SB1-6.5	Uncensored	41	Mean	0.277		
5	0.05	SB2-2.5	Censored	32	Lognormal mean	0.162		
6	0.05	SB2-4	Detection limit or PQL	0.1	Std. devn.	0.686		
7	0.05	SB3-0.5	Method detection limit	0.1	Median	0.05	Lognormal	Finished
8	0.05	SB5-2.5	TOTAL	73	Min.	0.05		
9	0.05	SB5-3.5	ENTER DATA		Max.	2.93	Normal	Exit MTCAStat
10	0.05	SB6-2.5					Neither	
11	0.05	SB6-5						
12	0.05	SB7-2.5	Probability plot method			W test	D'Agostino's test	
13	0.05	TP1-2.5						
14	0.14	TP1-7.5	Lognormal distribution?		Normal distribution?		Clear messages	
15	0.16	TP2-3.5	r-squared is:	0.710	r-squared is:	0.488		
16	0.05	TP2-8	*Recommendations:*				Clear all	
17	0.05	TP3-3						
18	0.05	TP3-7	Reject BOTH lognormal and normal distributions. See Statistics Guidance.				Histogram	
19	0.05	TP3-10						
20	1.02	TP4-2					5 10 20	
21	0.246	TP4-5						
22	2.47	TP5-2					Create report	
23	0.05	TP5-3.5					Sample size	
24	0.31	TP6-2.5						
25	0.05	TP6-6						
26	2.44	TP7-2.5						
27	2.93	TP7-5.5						
28	0.05	TP8-2						
29	0.05	TP8-7						
30	0.05	TP9-1						
31	0.05	TP10-1						
32	0.05	TP11-2						
33	0.05	TP11-4.5						
34	0.05	(K)TP-1-12						
35	0.05	(K)TP-2-8						
36	0.05	(K)TP-3-13.5						
37	0.05	(K)TP-4-12						
38	0.05	(K)TP-6-9						
39	0.05	(K)TP-7-5						
40	0.05	(K)TP-8-4						
41	0.05	(K)TP-8-9						
42	0.05	(K)TP-9-1						

PCBs Data Analysis
MTCAStat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	0.025	SB1-2.5					Sort data	
3	0.025	SB1-5	Number of samples		Uncensored values			
4	0.025	SB1-6.5	Uncensored	41	Mean	0.371		
5	0.025	SB2-2.5	Censored	31	Lognormal mean	0.200		
6	0.025	SB2-4	Detection limit or PQL	0.05	Std. devn.	1.096		
7	0.025	SB3-0.5	Method detection limit	0.05	Median	0.025	Lognormal	Finished
8	0.025	SB5-2.5	TOTAL	72	Min.	0.025		
9	1.04	SB5-3.5	ENTER DATA		Max	6.14	Normal	Exit MTCAStat
10	0.025	SB6-2.5					Neither	
11	0.025	SB6-5						
12	0.025	SB7-2.5	Probability plot method		W test	D'Agostino's test		
13	0.025	TP1-2.5						
14	0.025	TP1-7.5	Lognormal distribution?		Normal distribution?		Clear messages	
15	0.025	TP2-3.5	r-squared is:	0.807	r-squared is:	0.398		
16	0.025	TP2-8	*Recommendations:*				Clear all	
17	0.025	TP3-3						
18	0.025	TP3-7	Reject BOTH lognormal and normal distributions. See Statistics Guidance.				Histogram	
19	0.025	TP3-10						
20	0.562	TP4-2					5 10 20	
21	0.025	TP4-5						
22	6.14	TP5-2					Create report	
23	0.025	TP5-3.5					Sample size	
24	0.224	TP6-2.5						
25	0.025	TP6-6						
26	3.42	TP7-2.5						
27	0.23	TP7-5.5						
28	0.025	TP8-2						
29	0.867	TP8-7						
30	0.205	TP9-1						
31	0.392	TP10-1						
32	0.025	TP11-2						
33	0.025	TP11-4.5						
34	0.025	(K)TP-1-12						
35	0.025	(K)TP-2-8						
36	0.025	(K)TP-3-13.5						
37	0.025	(K)TP-4-12						
38	0.025	(K)TP-6-9						
39	0.025	(K)TP-7-5						
40	0.025	(K)TP-8-4						
41	1.365	(K)TP-8-9						
42	0.025	(K)TP-9-1						

cPAH Data Analysis
MTCAStat97
Schade Brewery
Remedial Investigation

	A	B	C	D	E	F	G	H
1	DATA	ID					Paste values	
2	0.1987	SB1-2.5						
3	0.1261	SB1-5	Number of samples		Uncensored values		Sort data	
4	0.1085	SB1-6.5	Uncensored	41	Mean	11.967		
5	0.315	SB2-2.5	Censored	6	Lognormal mean	8.201		
6	6.676	SB2-4	Detection limit or PQL	0.01	Std. devn.	64.015		
7	0.1996	SB3-0.5	Method detection limit	0.01	Median	0.20483	Lognormal	Finished
8	0.4792	SB5-2.5	TOTAL	47	Min.	0.005		Exit MTCAStat
9	0.1984	SB5-3.5	ENTER DATA		Max	410.9	Normal	
10	0.005	SB6-2.5						
11	0.005	SB6-5					Neither	
12	1.464	SB7-2.5	Probability plot method		W test	D'Agostino's test		
13	0.005	TP1-2.5					Clear messages	
14	0.24557	TP1-7.5	Lognormal distribution?		Normal distribution?			
15	0.2973	TP2-3.5	r-squared is:	0.945	r-squared is:	0.143		
16	0.15612	TP2-8	*Recommendations:*				Clear all	
17	0.18077	TP3-3	**Use lognormal distribution.**					
18	0.07674	TP3-7					Histogram	
19	0.20483	TP3-10						
20	1.3087	TP4-2					5 10 20	
21	0.29898	TP4-5						
22	0.9282	TP5-2					Create report	
23	0.005	TP5-3.5						
24	0.28677	TP6-2.5	**UCL (Land's method) is 38.0817092232603**				Sample size	
25	0.06784	TP6-6		**Simple substitution used with censored values.**				
26	1.9247	TP7-2.5						
27	0.42957	TP7-5.5						
28	0.2619	TP8-2						
29	0.00933	TP8-7						
30	0.11943	TP9-1						
31	0.03647	TP10-1						
32	0.02414	TP11-2						
33	0.0261	TP11-4.5						
34	7.32	(K)TP-1-12						
35	6.67	(K)TP-2-8						
36	2.05	(K)TP-3-13.5						
37	410.9	(K)TP-4-12						
38	0.005	(K)TP-6-9						
39	21.27	(K)TP-7-5						
40	0.005	(K)TP-8-4						
41	10.8	(K)TP-8-9						
42	14.976	(K)TP-9-1						