

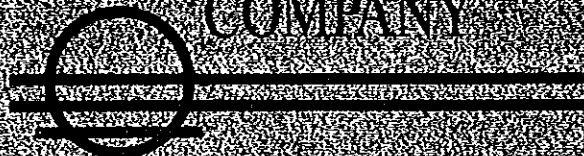
**SUPPLEMENTAL REPORT  
WASHINGTON "CSCSL" LISTING**

**Granum Property  
2150 Taylor Way  
Tacoma, WA 98421**

Prepared for:

**Mr. William Rauch  
Wells Fargo Bank  
333 South Grand Avenue, Suite 740  
Los Angeles, CA 90071**

**HILMANN  
ENVIRONMENTAL  
COMPANY**



**SUPPLEMENTAL REPORT  
WASHINGTON "CSCSL" LISTING**

**Granum Property  
2150 Taylor Way  
Tacoma, WA 98421**

Prepared for:

**Mr. William Rauch  
Wells Fargo Bank  
333 South Grand Avenue, Suite 740  
Los Angeles, CA 90071**

**WC-3583A (ENV)**

**November 18, 1997**

Prepared By:  
**Michael Kubler - Hillmann Environmental Company  
Seattle Office**

Reviewed and Published By:

**Hillmann Environmental Company, Inc.  
Western Regional Office  
4510 East Pacific Coast Highway, Suite 200  
Long Beach, CA 90804  
(562)-986-5000  
FAX: (562) 986-5003**

**Job Number: C1-1534**

November 12, 1997

From: Michael Kubler  
Environmental Specialist  
Hillmann Environmental  
14126 34th Pl. S.  
Tukwila, WA 98168

To: Mr. James B Watson, REA  
Regional Manager  
Hillmann Environmental  
4510 East Pacific Coast Highway  
Long Beach, CA 90804

RE: Granum Property, Tacoma WA

Dear Mr. Watson:

Per your request I have obtained additional information concerning the Granum property of Tacoma, WA and the environmental concerns related to the property. The principal source of the additional data was a personal conversation with Mr. Peter J. Nelson an Environmental Health Specialist with the Tacoma-Pierce County Health Department (TPCHD) [phone: 253-798-6472]. This conversation occurred on November 6, 1997 beginning at 1:30 PM at the TPCHD building. I have obtained additional information from a report generated by Mr. Nelson which was given to me at the time of the conversation and from reports generated by AGRA Ecology and Environment (AGRA E&E) forwarded to me by Mr. William Rauch, of Wells-Fargo RETECHS.

Mr. Nelson stated that he was the representative which conducted the Site Hazard Assessment (SHA) and that he reported his findings and final ranking of "3" on a 1 highest priority, 5 lowest priority scale to the Washington State Department of Ecology (WA DOE). Based upon this report the WA DOE has listed the site on the state Confirmed or Suspected Contaminated Sites List (CSCSL). Mr. Nelson stated that his rationale for ranking the site were based mainly upon the following factors:

- Soil and groundwater samples have been collected on-site by AGRA E&E in 1992 and 1993 which exceeded their respective Model Toxics Control Act (MTCA) Clean-up Levels for ethylbenzene, styrene, hexachlorobutadine and TPH (maybe 19X acceptable level).
- The vertical and lateral limits of the known soil contamination on-site have not been fully evaluated.
- AGRA E&E stated in their Phase II report that "some" contaminated soil was left on-site following remediation. AGRA E&E state that the remaining contaminated soils are concentrated under the existing large warehouse building.
- Groundwater contamination had been identified on-site in 1992-1993 but no additional testing had been done since then to demonstrate the effect, if any, of the soil remediation efforts.
- AGRA E&E, following a consultation with WA DOE had made specific recommendations for additional work which has not been completed ( i.e. additional groundwater sampling, characterization of remaining soil contamination).

*Testing done  
12/97*

*Done*

Specifically, to quote Mr. Nelson's report, "Worksheet 1, Summary Score Sheet" (attached):

"In April 1994 A(GRA) E&E met with Ecology staff to discuss the status of their remedial activities and the appropriate cleanup standards for the known contaminants. Based upon the location and industrial use of the subject site, Ecology determined that the acceptable groundwater cleanup levels for ethylbenzene and styrene would be 430 parts per billion (ppb) and 14.6 ppb respectively. The acceptable soil cleanup level for styrene was determined to be 1.46 ppm. As a result, AE&E recommended to the site owner (R.W. Investments) that additional work be conducted on the site. AE&E's proposed scope of work included: 1) the placement of three additional borings and two additional monitoring wells; 2) additional soil and

groundwater sampling and; 3) an evaluation of the ground water characteristics beneath the subject site...based upon information provided in the site file, it did not appear that any additional investigative or cleanup actions were conducted on the subject site after that time. Subsequently, on November 4, 1994, the site was added to Ecology's Site Information System (SIS database) of suspected and known contaminated sites and recommended for a SHA...as a result, the ranked value for the site was based upon the site specific laboratory analysis documented by AGRA E&E during their previous investigations." These conclusions, made by Mr. Nelson, are consistent with the information presented in the AGRA E&E reports forwarded to me by Mr. Rauch.

Based upon my conversation with Mr. Nelson, my understanding of his recommendations for further action on the subject property would be that a meeting be arranged with Mr. Mohsen Kourehdar of WA DOE in order to establish WA DOE's interest in the site, and what requirements they would have concerning monitoring and/or further remediation at the site. I agree with Mr. Nelson in this regard and don't think any further scope of work should be arranged until after such a meeting. Mr. Nelson also indicated that he would take a strong interest in any further test results concerning the subject property, but that until he had further data he had nothing to add concerning the site and that he would not be able to comment concerning the site's status relative to the Commencement Bay Tidelands NPL area as that is a WA DOE responsibility. In order to maintain good relations with Mr. Nelson, I would suggest keeping further requests for his assistance to a minimum.

A follow-up conversation occurred with Mr. Mohsen Kouredar of WA DOE by telephone [360-407-6256] on 11/10/97. Mr. Kouredar stated that WA DOE will review the subject property's status in the future, but was unable to estimate when that would occur. When this reassessment occurs they will also evaluate the site's potential for involvement in the regional NPL site. He also recommended that any interested parties could hire WA DOE for a minimum of \$500.00 and they would review the case and recommend future actions.

Based upon the findings detailed above, and those discussed in our Phase I Site Assessment of the subject property, I would recommend to Mr. Granum that should he choose to pursue this matter further, a consultation with WA DOE should be arranged in order to set priorities for testing and remediation.

Sincerely,

*Michael R. Kubler*

Michael Kübler

## Record Of Communication

Project Name: Granum Property

Location: Taylor Way, Tacoma WA

Communication with: Marsha Bums, Wells Fargo, Douglas and Kit Granum, Property Owners

Communication at Ms. Bums office.

Transcribed by: Michael Kübler

of Hillmann Environmental

at 9:00AM

On: 11/12/97

RE: Granum Property

Subject: Review of findings.

Summary of Communications:

I provided copies of documents gathered during further review of property including complete copies of AGRA Phase II proceedings, Mr. Peter Nelson's "Worksheet report" and a draft of a letter from me to Mr. James B Watson concerning the subject property. Advised Mr. Granum to contact WA DOE before proceeding further and went through the Phase I Report to clear up questions that he, Mrs. Granum, and Ms. Bums had concerning it.

I stated that in order for the subject property to be cleared from the CSCSL database by following WA DOE requirements for further testing and remediation.

Conclusions/Actions Taken, required, or Recommended:

None

Follow up:

None

## WORKSHEET 1 SUMMARY SCORE SHEET

Note: This document currently has no provision for sediment scoring route.

Site Name/Location (Street, City, County, Section/Township/Range, TCP ID Number):

R.W. Investments  
3376 Lincoln Avenue  
(aka 2150 Taylor Way)  
Tacoma, WA 98421  
Pierce County  
T-21 R-3E Section-35  
TCP ID: S-27-6211-000

Site Description (Include management areas, substances of concern, and quantities):

Site Description/History:

The Site Hazard Assessment (SHA) was conducted for the subject site, R.W. Investments (RWI), by the Tacoma-Pierce County Health Department (TPCHD) in late 1996. At that time, the parcels of concern, 032135-5-001 & -002, were relatively flat, encompassed an area slightly larger than three acres and were drained by a ditch that bordered the site to the south. The majority of the site was either paved or covered by the footprints of several large commercial warehouses. The property was bordered by Fields Corporation to the north, Holbrook's log storage yard also to the north (and west), Reichhold Chemical to the south, and 49th Avenue to the east. In general, the subject site and surrounding area was included in a larger geographic region known as the "Tacoma Tidelands Industrial area". In 1983 the entire Tacoma Tidelands Industrial area was promulgated a National Priorities List (NPL) site, thus receiving a superfund status designation by the EPA. By late 1996, the subject site and the names of the other above-referenced businesses had not been identified by the EPA as potentially responsible party's (PRP's) to the overall superfund area. However, both the "Field" and the "Reichhold" site were listed in the Department of Ecology's (Ecology) Site Information System (SIS database), of confirmed and suspected contaminated sites, and were also awaiting SHA's

Based on information documented in the site file, aerial photographs, and historical business directories, it appeared that the site was initially developed in 1965 to serve the needs of a small lumber company and a building contractor. According to the business directories, it also appeared that at least portions of the site continued to be associated with various milling and wood-turning activities until the mid-to-late 1980's. Two other tenants, Christopher Tool & Die and Pederson Boat Building Company, were also listed as occupants of a different portion of the site from approximately the mid 1970's until the early 1980's. Other known site occupants from the late 1980's until the mid-1990's, included Aurora Consolidators who were involved with transloading of cargo, and a company called Far West Trailer Repair. At the time of the SHA, the property was occupied by a company called Greer Steel. Greer Steel was a steel fabricating facility who specialized in manufacturing underground storage tanks.

In early 1992 RWI retained the environmental consulting firm of AGRA Earth & Environmental (AE&E) to conduct an environmental assessment of the subject property to determine if unreported dumping or spilling of hazardous materials had likely occurred as a result of former site use. As part of AE&E's initial investigation, three borings were advanced and completed as monitoring wells on site. Select soil samples were collected from the borings and water

samples were collected from the monitoring wells in March of 1992 and September of 1993. While the analytical results of AE&E's initial soil samples did not indicate a significant presence of TPH, leachable metals or Volatile Organic Compounds (VOCs) in the site soils, the groundwater results did report that ethylbenzene, styrene, hexachlorobutadiene and TPH (reported as gas and diesel) were present at concentrations that exceeded their respective Model Toxics Control Act (MTCA) Clean-up Levels. Therefore, based on the compounds detected in the groundwater, and AE&E's calculated groundwater flow direction, it was determined that the likely source of the contamination was from an area where a group of small storage sheds had been used to house liquid fiberglass resins and petroleum products.

On December 16, 1993, AE&E returned to the site in an attempt to confirm and remove the suspected source of groundwater contamination. Following the demolition and off-site removal of several small storage sheds, AE&E commenced with their excavation activities. During the excavation process, groundwater was encountered at a depth of approximately 2 1/2 feet below the ground surface. Throughout the excavation activities, resinous substances were encountered and strong odors reminiscent of airplane glue persisted in both the site soils and groundwater. Due to these strong odors the workers wore half face respirators with organic vapor filter cartridges throughout the majority of the excavation activities. The maximum depth of the excavation reached 5-6 feet and the level of the groundwater reportedly covered a significant portion of the work area. When AE&E's excavation activities were concluded, approximately 1,900 gallons of groundwater was pumped from the pit and six confirmational soil samples were collected from the limits of the excavation. The contaminated groundwater was disposed of at a permitted facility off-site and approximately 192 tons of contaminated soils were delivered to Regional Disposal Company in Seattle. The excavation was backfilled with a mixture of "clean" crushed rock and pit run gravel. Based on the analytical results, which were collected from the perimeter of the excavation, the site soils still contained significant levels of styrene (reported as high as 350 parts per million (ppm)). It should also be noted that the highest concentrations of styrene were detected in the northeast sidewall of the excavation. Further removal activities at this location were impeded due to the presence of a large warehouse building.

In April 1994, AE&E met with Ecology staff to discuss the status of their remedial activities and the appropriate cleanup standards for the known contaminants. Based on the location and industrial use of the subject site, Ecology determined that the acceptable groundwater cleanup levels for ethylbenzene and styrene would be 430 parts per billion (ppb) and 14.6 ppb respectively. The acceptable soil cleanup level for styrene was determined to be 1.46 ppm. As a result, AE&E recommended to the site owner that additional work be conducted at the site. AE&E's proposed scope of work included: 1) the placement of three additional borings and two additional monitoring wells; 2) additional soil and groundwater sampling and; 3) an evaluation of the ground water characteristics beneath the subject site. Based on information provided in the site file, it did not appear that any additional investigative or cleanup actions were conducted at the subject site, after that time. Subsequently, on November 4, 1994, the site was added to Ecology's Site Information System (SIS database) of suspected and known contaminated sites and recommended for a SHA.

The SHA was initiated by the TPCHD in mid-to-late 1996 to fulfill data requirements for subsequent scoring/ranking of the site under the Washington Ranking Method. Due to the existing site-specific analytical data, the SHA Program determined that further site sampling was beyond the scope of the SHA. As a result, the ranked value for the RWI site was based on the site specific laboratory analysis data documented by AGRA during their previous investigations.

**Special Considerations (Include limitations in site file data or data which cannot be accommodated in the model, but which are important in evaluating the risk associated with the site, or any other factor(s) over-riding a decision of no further action for the site):**

The SHA Program has determined that the known conditions at the subject site warrant additional investigative and/or cleanup work. Since the removal of "some" of the source contaminants has occurred, future groundwater sampling events may show a reduction in the contaminants that were previously identified in the groundwater. However the vertical and lateral limits of the "known" source of contaminants were never fully defined. According to AE&E's groundwater flow calculations, it is likely that additional soil and groundwater contamination is beneath one of the site's large warehouses and potentially further migrating to the north-northeast. Furthermore, the SHA program also recommends that future sampling events include screens for TPH compounds. Existing analytical data indicates that TPH may be present in the site's ground water at concentrations up to 19 times the acceptable level.

**ROUTE SCORES:**

Surface Water/Human Health: N.S.                      Surface Water/Environ.: N.S.

Air/Human Health: N.S.                              Air/Environmental: N.S.

Ground Water/Human Health: 50.7.

WARMISH  
Rev. 7/12/94

**OVERALL RANK: 3.**

**LETTER SUMMARY**

**Granum Property  
2150 Taylor Way  
Tacoma, WA 98421**

RETECHS-ENVIRONMENTAL DEPT.  
LOS ANGELES, CA

1135 OCT 22 1997  
Prepared for:

**Mr. William Rauch  
Wells Fargo Bank  
333 South Grand Avenue, Suite 740  
Los Angeles, CA 90071**

**HILLMANN  
ENVIRONMENTAL  
COMPANY**



**LETTER SUMMARY**

**Granum Property  
2150 Taylor Way  
Tacoma, WA 98421**

RETECHS-ENVIRONMENTAL DEPT.  
LOS ANGELES, CA

1135 OCT 22 1997  
Prepared for:

**Mr. William Rauch  
Wells Fargo Bank  
333 South Grand Avenue, Suite 740  
Los Angeles, CA 90071**

**WC-3583 (ENV)**

**October 2, 1997**

**Prepared By:  
Michael Kubler - Hillmann Environmental Company  
Seattle Office**

**Reviewed and Published By:**

**Hillmann Environmental Company, Inc.  
Western Regional Office  
4510 East Pacific Coast Highway, Suite 200  
Long Beach, CA 90804  
(562)-986-5000  
FAX: (562) 986-5003**

**Job Number: C1-1500**

## **I. Project Summary**

Property: Granum Property  
2150 Taylor Way  
Tacoma, WA 98421

WFB Project Number: WC-3583 (ENV)

Consultant: Hillmann Environmental Company, Inc.

Project Number: C1-1500

Date Submitted: October 2, 1997

## **II. Property Use**

The subject property is currently occupied by 5 one-story warehouse/industrial use buildings, a parking lot, and undeveloped areas. The eastern four buildings are occupied by Fields Roofing and Waterproofing Products Manufacturers, and is used as storage space for finished goods. The western half of the fifth building (See Site Plan Appendix A.2) is used by Greer Steel, a welding company which manufactures steel tanks and other items. Prior to the construction of the buildings (in the early 1960's), the property existed as vacant land.

## **III. Scope of Investigations**

HECO conducted a Phase I Environmental Assessment directed at identifying possible areas of environmental concern and presented recommendations as to what, if any, action should be considered at the subject premises.

The Phase I Environmental Assessment included (but was not limited to):

- 1) A review of Federal, State, and local regulatory and municipal agency files was performed to identify any past environmental problems associated with the site or surrounding properties (one mile radius) or permits issued to the site for use, storage, treatment, or generation of hazardous materials/wastes.
- 2) An onsite investigation to visually evaluate current conditions at the site including sensitive receptor areas, property usage, and physical structures, and noting adjoining properties and their current usage as well as evaluating environmental liabilities.
- 3) Interviews with individuals familiar with the site operations, materials, and history. Additional work efforts, if required would be based on the findings of the Phase I Environmental Assessment.
- 4) Photographic documentation of the current building site conditions, including abutting properties.

Topics not explicitly discussed within this document should not be assumed to have been investigated. This service does not guarantee current compliance with Federal, State, or local regulations.

This report conforms to both the contracted scope of work and minimum ASTM standards E 1527-94. There were no exclusions from the Wells Fargo Bank scope of investigations or restrictions placed upon the investigation.

#### IV. Environmental Issues

Based upon the information ascertained during this investigation, the following environmental concerns were found:

##### On-site

- Environmental concerns related to onsite issues are centered around the lack of appropriate industrial housekeeping observed, the clear lack of drainage, and the presence onsite of chemicals which have been implicated in the NPL area which surrounds and includes the subject parcel. Throughout all of the buildings on the subject site, visible areas of staining on the ground and flooring were observed from the chemicals stored within. In addition, large areas of standing water were observed in the buildings as a result of recent moderate rains, raising the concern that spilled chemicals could be washed out of the buildings and into the soil and shallow groundwater (see current photographs Appendix B.2). Substances observed to have leaked included petroleum products, solvent-borne paints, and unidentified products with packaging marked as "hazardous". Residue left from a previous fiberglass manufacturing process, implicated in solvent contamination and discussed in a previous Phase I Site Assessment (AGRA Earth & Environment, Inc., 1995), was observed to still be present onsite. A paint booth at the western boundary of the property has no secondary containment system, and over-spray paint is allowed to enter the standing water. On the north side of Greer Steel's shop a small drainage ditch has been dug, into which industrial water was being discharged at the time of the inspection which was visibly contaminated with petroleum compounds. Greer Steel's MSDS records indicated that they maintained stocks of solvents at least intermittently, including such materials as trichloroethylene, which has been implicated in the regional NPL action. Drainage onsite is minimal, with the access road being completely submerged at the time of inspection. Anecdotal discussions with the property owner and several workers at the site indicated that onsite standing water had reached a depth of four feet within the last year.
- The subject site is listed on the PADS, RCRIS-SQG and FINDS databases, and as a PCB generator, storer, transporter or permitted disposer from activities related to a former tenant (Visador Co. Tacoma Division, recorded 1987). No information was available from state or regional environmental offices concerning this finding. Based upon a site review performed in 1996 by the Tacoma-Pierce County Health Department (TPCHD), the site was placed on the Washington State Department of Ecology's Confirmed or Suspected Contaminated Sites List (CSCSL) due to confirmed presence of petroleum products and Non-Halogenated Solvents above MTCA levels, and the suspected presence of above-MTCA levels of EPA priority pollutants and polynuclear aromatic hydrocarbons. TPCHD determined that the known conditions at the subject site warrant additional investigative and/or cleanup work, and rated the site a "3" on a scale of 1 (highest) to 5 on the State's priority list. It was noted that Total Petroleum Hydrocarbons may be

present in the site's groundwater at concentrations up to 19 times the acceptable level. The site is located within the Commencement Bay Nearshore Tidelands NPL site, created in 1983. The site is considered to be within the NPL area, but as of late 1996, according to Peter Nelson of TPCHD, the site had not been listed as a Potentially Responsible Party (PRP) for the NPL action. It is unknown at this time if the recent listing of the site on the CSCSL will alter the site's status.

#### Off-site

- Due to the large number of regulatory sites in the general area of the subject property, the presence of multiple releases of hazardous materials into the soil and groundwater in areas adjacent, the upgradient location of these sites from the subject site, and the location of the subject site within a NPL region, it is likely that there has been a negative impact on the groundwater (and possibly the soil) beneath the subject site. The site is located within an industrial area where background levels of contaminants are present. Any determination of the magnitude of negative impact on the subject site must take this elevated background into consideration, as well as the present and anticipated future uses of the site.

### **V. Recommendations/Additional Investigation**

#### On-site

- AGRA E&E, the authors of a 1995 Phase I Site Assessment Report on the subject property, had previously conducted a Phase II Site Assessment and Remediation Project (the details of which were not available for review during the site assessment). Based upon interviews and files obtained from the Department of Ecology and Tacoma-Pierce County Health Department, it appears that the local regulatory agencies do not believe that the previous onsite remediation activity completely dealt with all the contamination related to past activities. In addition, they have not yet made a decision concerning future directed remediation efforts which may be needed at the site. HECO recommends that a copy of the previous Phase II Site Assessment be secured for closer review prior to potentially recommending a comprehensive Phase II of present conditions onsite.
- Closure of the trench dug onsite is strongly recommended. This constitutes an illegal discharge under RCRA provisions, and is subject to both civil and criminal actions if not immediately curtailed.
- Caution is advised in that the subject site may be in imminent peril of being named as a contributor (PRP) in the surrounding NPL action. Informational meetings with both the local regulators and regional EPA office is advised prior to entering into a financial involvement with the subject site.

#### Off-site

- As the surrounding area is heavily contaminated, no further action is immediately necessary. However, periodic review and monitoring of the Commencement Bay NPL action and any local regulatory investigative activity is advised.

### **VI. Estimated Abatement and Remediation Costs.**

- Not applicable or possible at this time.

**Phase I Environmental Site Assessment  
Consultant Internal Audit Documentation**

**QA/QC 6**

The consultant's internal reviewer should be able to answer yes to each question. If it is impossible to satisfy any element of the scope of investigation, that failure must be noted on this review form and the report must adequately explain the limitations which result in the failure, and must provide an evaluation of the likely significance of the failure. The explanation and evaluation must also be attached to this form in order to simplify the review process.

**Reviewer's Certification**

ENV#: WC 3583

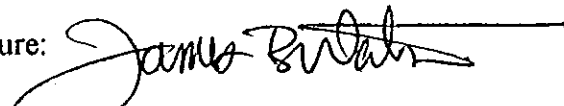
Consultant Reference #: C1-1500

Property Address: **Granum Property  
2150 Taylor Way  
Tacoma, WA 98421**

The subject report has been reviewed by the undersigned and, except as detailed in the attached explanation, is considered to be in full compliance with the specific items included in this following checklist and with all other requirements of the agreed scope of investigations. The reviewer concurs with the conclusions and recommendations of the report and understands that the report may be returned for corrections of any deficiencies.

Check here if an explanation and evaluation is attached.

Signature:

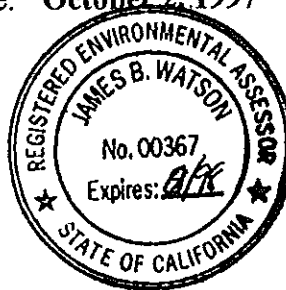


Date: **October 2, 1997**

Name (type): **James B. Watson**

Professional Designation and Stamp:

**California Registered Environmental Assessor #00367**



**General**

√Yes No 1. Was the report prepared in accordance with all applicable laws and regulations as required under contract documents?

√Yes No 1. Does the report address the correct property?

√Yes No 2. Does the report fulfill all requirements of the agreed scope of investigations?

√Yes No 3. Does the statement of limitations conform to requirements established in the scope of investigations?

√Yes No 4. Is the report formatted in exact accordance with requirements of the scope of work?

### **Historical Research**

If the report fails to meet any of these requirements, additional investigations must be completed prior to issuance of the report.

√Yes No 6. Does historical information extend to at least 1940?

√Yes No 7. Was the site undeveloped at the earliest date researched?

√Yes No 8. Are all research and reporting periods less than or equal to 10 years?

√Yes No 9. Does the report address all required sources of historical information as identified in the scope of work and on QA/QC - C2?

√Yes No 10. Does the report identify the specific use of the property during each research period?

NOTE: As indicated in the scope of work, the provision of general information, especially where environmentally sensitive use may exist, does not satisfy this requirement.

√Yes No 11. Does the chronology adequately represent all information gathered, not simply a summary of aerial photos?

√Yes No 12. Does the rationale at section 1.2.1.2 adequately explain the earliest research date and research interval?

√Yes No 13. Does the description of sources provided in the [body] of the report match the sources indicated in the QA/QC documentation?

√Yes No 14. Does the report address all required sources of information?

### **Current Property Use**

√Yes No 15. Does the report provide an adequate description of the current use of the site including a brief description of any use, treatment, storage, disposal, or generation of hazardous substances or petroleum products?

√Yes No 16. Does the report specifically indicate whether or not the subject site is listed as

a RCRA TSD facility or hazardous waste generator, or is listed on NPL, CERCLIS, LUST, ERNS, Cal-sites, or similar federal, state, or local list?

- √Yes No 17. Does the report list current and previous environmental permits, licenses, and registrations, and are copies included in the appendix?
- √Yes No 18. Does the report comment on non-compliance issues?
- √Yes No 19. Do observations or research indicate that environmentally sensitive activities have occurred on-site without appropriate permits, licenses, registrations, etc?
- √Yes No 20. Do current operations on-site generally conform to acceptable business practices?

#### **Review of Title Documents**

- √Yes No 21. Does the report include the required review of information regarding title documents? (NOTE: This review is required in all cases as defined in the scope of investigations and is not equivalent to a review of the 50 year chain-of-title.)
- √Yes No 22. If required under contract, does the report include a review of the 50 year chain-of-title in full accordance with the format and content required in the scope of investigations?

#### **Asbestos**

- √Yes No 23. Does the report indicate sampling of all suspect materials?

NOTE: As indicated in the scope of work, the consultant is required to test all suspect materials which are not in enclosed areas of the structure. This includes roofing materials as well as suspected ACMs in the interior of the structure. It is the consultant's responsibility to assure access to the roof when arranging general access to the property.

- √Yes No 24. Does the report provide a list of suspect ACMs?
- √Yes No 25. Does the report list materials found to contain asbestos including the approximate quantity of each material or similar material assumed to contain asbestos?
- √Yes No 26. Does the report separately identify ACMs which are considered to represent a health threat or should be removed at this time?
- √Yes No 27. Does the letter summary include an estimate of abatement costs?

### **Lead Paint**

Yes No 28. Does the report describe the presence and condition of suspect lead paint?

Yes No 29. Were samples required under the scope of investigations completed?

### **Other**

30. If additional investigations are recommended:

Yes No a. Does the report provide adequate rationale supporting the need for additional investigations?

Yes No b. Has the consultant presented a reasonable range of alternative investigations including, where applicable, the completion of additional historical research?

Yes No 31. Does the report include a discussion of all on-site environmental issues identified during the investigation, even if the consultant does not feel that these issues represent a concern at the site?

Yes No 32. Are all environmental issues identified during the investigation reflected in appropriate QA/QC documents?

Yes No 33. Are all environmental issues included in QA/QC documents adequately discussed in the report?

Yes No 34. Does the site plan adequately identify the location and extent of environmental issues identified during the investigation.

Yes No 35. Does the description of each issue satisfy the reporting guidelines described below?

### **Reporting on Specific Environmental Issues**

Verify that, in addition to ASTM standards, the following reporting guidelines have been followed in preparation of the report.

The consultant is required to notify Environmental Services immediately if any environmental concern which may require the completion of additional research or investigations is identified at any time during completion of the assessment.

#### **Tanks, drums, clarifiers, pits and other features.**

Yes No Include information on purpose, age, construction and content, condition, secondary containment, monitoring, permitting, related underground pipelines, etc., and any information that there may have been leaks or spills.

Locate these features on the site plan included in the appendix.

### **Stains**

- Yes**    **No**   Estimate the square-footage of the area affected; note any obvious source(s); provide observations regarding odors and appearance; and, to the extent possible, indicate the depth of stains.

### **Hazardous Materials used or stored on-site.**

- Yes**    **No**   List each hazardous material present on-site in greater than 20 gallon quantities. For each material, describe the quantity, use, and storage; and describe the presence or absence of evidence indicating impact to the site.

### **Release of Hazardous Materials**

- Yes**    **No**   If a release has occurred, identify the constituents, quantity, source, extent, and disposition of the release and indicate whether the indication of a release is supported by direct or indirect evidence.
- Yes**    **No**   If there is no evidence of a release, but the consultant believes that a release is likely to occur or may have occurred, the consultant shall provide adequate rationale to support her or his opinion.

### **Environmental Permits**

- Yes**    **No**   List any environmentally related permits or registrations maintained in order to support on-site activities.
- Yes**    **No**   Describe activities conducted on-site which, in the consultant's professional judgment, may require the operator to secure additional permits.
- Yes**    **No**   Review regulatory records to identify environmental permits or registrations and related files pertaining to past and present activities at the site.
- Yes**    **No**   Off-site - Review regulatory records for neighboring sites if evidence of potential impact to the subject property is identified. (Depending upon the extent of information to be reviewed, the consultant may be entitled to a change order for this work, and should contact Environmental Services for any required clarification prior to incurring costs in excess of the contract.)

### **Remediation**

Yes   No

If a release is undergoing remediation, the consultant shall provide all information as described under "release of hazardous materials", identify the responsible parties, RP's, and provide evidence of any financial assurance documents to support the RP's ability to manage the remedial investigation and clean-up.

Yes   No

If remediation has been completed, the consultant shall provide documentation to support the completion and effectiveness of the remediation including the regulatory agency acknowledgment of "no further action" and supporting analyses available from regulatory files.

### **Transformers**

Yes   No

How old are they? Are they owned by the tenant or property owner? Is there any evidence of leakage?

**PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**Granum Property  
2150 Taylor Way  
Tacoma, WA 98421**

Prepared for:

**Mr. William Rauch  
Wells Fargo Bank  
333 South Grand Avenue, Suite 740  
Los Angeles, CA 90071**

**WC 3583 (ENV)**

**October 2, 1997**

Prepared By:

**Michael Kubler - Hillmann Environmental Company  
Seattle Office**

Reviewed and Published By:

**HILLMANN ENVIRONMENTAL COMPANY, INC.  
Western Regional Office  
4510 East Pacific Coast Highway, Suite 200  
Long Beach, CA 90804  
(562) 986-5000  
FAX: (562) 986-5003**

**Project Number C1-1500**

# INTRODUCTION

## Certification, Limitations, and Statement of Independence

Property: Gramum Property  
2150 Taylor Way  
Tacoma, WA 98421

WFB project number: WC-3583 (ENV)

Consultant: HILLMANN ENVIRONMENTAL COMPANY, INC.

Project number: C1-1500

Date Submitted: October 2, 1997

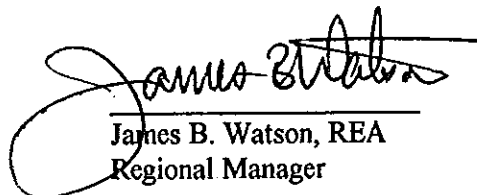
This report has been prepared by the staff of Hillmann Environmental Company, Inc. for Wells Fargo Bank under the professional supervision of the principal and/or senior staff whose seal(s) and signatures appear hereon. Neither Hillmann Environmental Company, Inc., nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved.

The information contained in this report has received appropriate technical review and approval. The conclusions represent professional judgments and are founded upon the findings of the investigations identified in the report and the interpretation of such data based on our experience and expertise according to the existing standard of care. No other warranty or limitation exists, either express or implied.

The investigation was prepared in accordance with Wells Fargo's Phase I Environmental Site Assessment scope of work for the use and benefit of Wells Fargo Bank, its successors, and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by Wells Fargo Bank. Neither this report, nor any information contained herein shall be used or relied upon for any purpose by any other person or entity without the express written permission of Wells Fargo Bank.



Professional Stamp

  
James B. Watson, REA  
Regional Manager

## Executive Summary

### I. Property Use

The subject property is currently occupied by 5 one-story warehouse/industrial use buildings, a parking lot, and undeveloped areas. The eastern four buildings are occupied by Fields Roofing and Waterproofing Products Manufacturers and is used as storage space for finished goods. The western half of the fifth building (See Site Plan Appendix A.2) is used by Greer Steel, a welding company which manufactures steel tanks and other items. Prior to the construction of the buildings (in the early 1960's), the property existed as vacant land.

### II. Scope of Investigations

Hillmann conducted a Phase I Environmental Site Assessment directed at identifying possible areas of environmental concern and presented recommendations as to what, if any, action should be considered at the subject premises.

The Phase I Environmental Site Assessment included (but was not limited to):\*

- 1) A review of federal, state, and local regulatory and municipal agency files was performed to identify any past environmental problems associated with the site or surrounding properties (one mile radius) or permits issued to the site for use, storage, treatment, or generation of hazardous materials/wastes.
- 2) An on-site investigation to visually evaluate current conditions at the subject site including sensitive receptor areas, property usage, and physical structures, and noting adjoining properties and their current usage as well as evaluating environmental liabilities.
- 3) Interviews with individuals familiar with site operations, materials, and history. Additional work efforts, if required, would be based on the findings of the Phase I Environmental Site Assessment.
- 4) Photographic documentation of the current building site conditions, including abutting properties.

Topics not explicitly discussed within this document should not be assumed to have been investigated. This service does not guarantee current compliance with federal, state, or local regulations.

This report conforms to both the contracted scope of work and minimum ASTM standards E 1527-97. There were no exclusions from the Wells Fargo Bank scope of investigations or restrictions placed upon the investigation.

### III. Environmental Issues

#### Onsite

- Environmental concerns related to onsite issues are centered around the lack of appropriate industrial hygiene observed, the clear lack of drainage, and the presence of onsite chemicals which have been implicated in the NPL area which surrounds and includes the subject parcel. Throughout all of the buildings on the subject site areas of staining from chemicals stored within were observed on the ground and flooring. In addition, large areas of standing water were observed in the buildings as a result of recent moderate rains, raising the concern that spilled chemicals could be washed out of the buildings and into the soil and shallow (2-4 feet bgs) groundwater (see current photographs Appendix B.2). Substances observed to have leaked out included petroleum products, solvent-bearing paints, and unidentified products with packaging marked as "hazardous". Residue left from a previous fiberglass manufacturing process, implicated in solvent contamination and discussed in a previous Phase I Site Assessment (AGRA Earth & Environment, Inc., 1995) was still observed to be present onsite. A painting booth at the western boundary of the property has no secondary containment system, and paint is allowed to mix with the standing water. On the north side of Greer Steel's shop a small drainage ditch has been dug by hand, into which industrial water (which was visibly contaminated with petroleum compounds) was being discharged at the time of the inspection. Greer Steel's MSDS records indicated that they intermittently maintained stocks of solvents, including trichloroethylene which has been implicated in the regional NPL area. Onsite drainage is inadequate, with the access road being completely submerged (due to the heavy rains) at the time of inspection. Anecdotal comments from the property owner and several workers at the site indicated that onsite standing water had reached a depth of four feet deep within the last year.
- Does have secondary containment system* →
- The subject site is listed on the PADS, RCRIS-SQG and FINDS databases, and as a PCB generator, storer, transporter or permitted disposer as recorded 1987 from activities related to a former tenant (Visador Co. Tacoma Division). No information was available from state or regional environmental offices concerning this finding. Based upon a site review performed in 1996 by the Tacoma-Pierce County Health Department (TPCHD), the site was placed on the Washington State Department of Ecology's Confirmed or Suspected Contaminated Sites List (CSCSL) due to the confirmed presence of petroleum products and Non-Halogenated Solvents above MTCA levels, and for the suspected presence of EPA priority pollutants and polynuclear aromatic hydrocarbons above MTCA levels. TPCHD determined that the known conditions at the subject site warrant additional investigative and/or cleanup work, and rated the site as a "3" on a scale of 1 (highest) to 5 on the State's priority listing. It was noted that Total Petroleum Hydrocarbons may be present in the site's groundwater at concentrations up to 19 times the acceptable level. The site is located within the Commencement Bay Nearshore Tidelands NPL site, created in 1983. The site is considered to be within the NPL area, but as of late 1996, according to Peter Nelson of TPCHD, the site had not been listed as a Principally Responsible Party (PRP) for the NPL area. It is unknown at this time if the recent listing of the site on the CSCSL will alter the site's regulatory status.

Off-site

- Due to the large number of regulatory site listings in the general area of the subject property, and the presence of multiple releases of hazardous materials into the soil and groundwater in areas adjacent to and upgradient from the subject property, it is likely that there has been a negative impact on the groundwater (and possibly the soil) of the subject site. The site is located within an industrial area where background levels of contaminants are known to be present. Any determination of the magnitude of negative impact on the subject site must take this elevated background into consideration, along with the present and intended uses of the property.

**Table of Contents**

**INTRODUCTION**

Certification, Limitations, and Statement of Independence ..... ii  
Executive Summary ..... iii  
Table of Contents ..... vi

**REPORT**

**1.0 SUBJECT SITE**

**1.1 Site Description**  
1.1.1 Site Location/Identification ..... 1  
1.1.2 Gross Site Area ..... 1  
1.1.3 Site Development ..... 1  
1.1.4 Building Description ..... 1  
1.1.5 Source of Potable Water ..... 2  
1.1.6 Sewage Disposal System ..... 2  
1.1.7 Solid Waste Disposal ..... 2  
1.1.8 Source of fuel for heating and cooling ..... 2  
1.1.9 Other Improvements and Features ..... 2

**1.2 Property Use**  
1.2.1 Former Property Use ..... 2  
1.2.2 Current Property Use ..... 5  
1.2.3 Current and Historical Regulatory Review for the Subject Site ..... 5  
1.2.4 Review of Title Documents ..... 6

**1.3 Geology** ..... 6

**1.4 Hydrology** ..... 7

**1.5 Non-CERCLA Issues**  
1.5.1 Asbestos ..... 7  
1.5.2 Lead Paint ..... 8  
1.5.3 Lead in Water ..... 8  
1.5.4 Radon ..... 8  
1.5.5 PCB's ..... 8

**1.6 Other** ..... 8

**1.7 Environmental Issues** ..... 9

**2.0 SURROUNDING PROPERTIES**

**2.1 Description**  
2.1.1 Historical Use ..... 11  
2.1.2 Current Use ..... 11

2.2 Regulatory Review .....	11
2.3 Other .....	13
<b>3.0 ANALYSIS AND CONCLUSIONS</b>	
3.1 Subject Site .....	13
3.2 Off-site .....	13
<b>APPENDIX</b>	
<b>A. Maps and Figures</b>	
A.1 Property Vicinity Map	
A.2 Current USGS 7.5 minute topographical map	
A.3 Site Plan	
<b>B. Photographs</b>	
B.1. Current ground level photographs	
B.2 Aerial photographs	
<b>C. QA/QC</b>	
C.1 Site Inspection Checklist	
C.2 Summary of Historical Research	
C.3 Regulatory Records	
C.4 Aerial Photograph Reviews	
C.5 Exceptions	
C.6 Protocol	
<b>D. References</b>	
<b>E. Other Reports</b>	
<b>F. Other Pertinent Data</b>	
<b>G. Statement of Qualifications</b>	

## 1.0 Subject Site

Hillmann Environmental Company, Inc., performed a Phase I Environmental Site Assessment of the Granum Property located at 2150 Taylor Way in Tacoma, Pierce County, Washington. The subject property is currently occupied by five one-story warehouse/industrial buildings, several small outbuildings, a parking lot, and unimproved areas. The property was inspected on September 18, 1997 by Mr. Michael Kubler and was observed for conditions and events that may be indicative of current or historical environmental concerns relating to the site.

### 1.1 Site Description

#### 1.1.1 Site Location/Identification

- a) Address: Granum Property  
2150 Taylor Way  
Tacoma, WA 98421
- b) Assessor's Parcel Number: The subject property exists on two parcels  
321355001 and 321355002
- c) Other description: Tracts 1 and 2 of Pierce County Short Plat No. 75-184,  
according to Plat recorded in Volume 3 of Short Plats at  
page 36, in Tacoma, Pierce County, Washington; AND  
A non-exclusive easement for ingress and egress as  
delineated on Pierce County Short Plat No. 75-184.
- d) Adjacent Streets: Access to the site is provided via 49th Ave. NE.  
Lincoln Ave. is adjacent to the Northwest.
- e) Zoning: M3 (Heavy Industrial)

1.1.2 Gross Site Area: Parcel 1 is 0.9 acres Parcel 2 is 2.5 acres

#### 1.1.3 Site Development

- a) Covered by building: 35%
- b) Covered by paving: 30%
- c) Covered by porous materials such as gravel: 10%
- d) Unimproved: 20%

#### 1.1.4 Building Description

- a) Number of Buildings: 5
- b) Approximate Area of each Building: Building A 16000 gross square feet (gsf)  
Building B 9000 gsf  
Building C 2880 gsf

Building D 1600 gsf  
Building E 32000 gsf

- c) Age/Construction Date of each Building: 1960's
- d) Type of Construction: one-story wood framed with a metal siding and roofing & one brick building.
- 1.1.5 Source of Potable Water: City of Tacoma
- 1.1.6 Sewage Disposal System: City of Tacoma
- 1.1.7 Solid Waste Disposal: City of Tacoma
- 1.1.8 Source of fuel for heating and cooling: local electric heaters.

1.1.9 Other Improvements and Features

Asphalt parking areas are located around the buildings. A small drainage ditch has been constructed on the north side of the property into which industrial wastewater with visibly contaminated petroleum compounds is being released. Drainage on the site is very poor, with standing water being present throughout the site as observed during the site visit. Prior uses that may have negatively impacted the site include tenants which have handled PCB's, handling and disposal of battery carcasses, petroleum products, paints and solvents. Prior environmental reports have listed styrene and ethylbenzene as the two primary compounds of concern (AGRA report 1995).

**1.2 Property Use**

1.2.1 Former Property Use

1.2.1.1 Chronology

- 1937 The Tacoma Polk City Directory had no listing for the subject site.
- 1942 The Tacoma Polk City Directory had no listing for the subject site.
- 1951 The Tacoma Polk City Directory had no listing for the subject site.
- 1960 The Tacoma Polk City Directory has City Millwork Co., lumber millers, and Olds, Harold E., building contractor listed as tenants at the subject site's previous address of 3376 Lincoln Ave.
- 1961 A USGS topographical map, and an aerial photograph show one building on the subject site which appears to have been incorporated into one of the current buildings. The aerial photograph also shows what appears to be construction on the subject site.
- 1965 This aerial photograph shows the subject property to be occupied by three of the current buildings, and a large number of small unidentifiable objects.

- 1968 This USGS topographical map shows the subject property to be occupied by one large and two small buildings.
- 1970 This aerial photograph shows the subject site to be occupied by one large and two small buildings, a large number of small unidentifiable objects, and cargo trailers.
- 1970 The Tacoma Polk City Directory shows the subject site to be occupied by American Lumber Manufacturing Inc.
- 1973 This USGS Topographical Map shows the subject property to be occupied by one large and two small buildings.
- 1980 The Tacoma Polk City Directory shows the subject property's address to have been changed to the current 2150 Taylor Way, and that the site is occupied by Western Turnings & Specialties Co., making wood turnings.
- 1981 This USGS Topographical Map shows the subject property to be occupied by one large and two small buildings.
- 1984 This aerial photograph shows the subject property to be occupied by four buildings.
- 1994 This USGS Topographical Map shows the subject site to be occupied by seven buildings.
- 1994 The Tacoma Polk City Directory shows the subject site to be vacant.
- 1995 This aerial photograph shows the subject site to be occupied by the five buildings seen during the site visit. Standing water is also visible on the subject site.
- 1997 Site visit by HECO personnel.

#### 1.2.1.2 Rationale

In accordance with ASTM Standards on Environmental Site Assessments for Commercial Real Estate (E 1527-97 - Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process), Section 7.3.2 states that uses of the property shall be identified from the present back until 1940 using standard historical sources. Historical sources include Aerial Photographs, Fire Insurance Maps, Recorded Land Title Records, USGS 7.5 Minute Topographic Maps, Local Street Directories, Building Department Records, Zoning/Land Use Records, and Other Historical Sources. The earliest research date was 1937 from a Polk City Directory. The research interval did not violate the ten year time lapse period.

#### 1.2.1.3 Sources

##### **Recorded Land Title Records**

Ownership information was researched at the Pierce County Auditor's Office. A 1997 Deed transferred ownership from R.W. Investments to Douglas and Katherine Granum. No records were accessible for earlier transactions concerning the subject property.

### **Aerial Photographs**

Aerial photographs were available for 1961, 1965, 1970, 1984, and 1995. The 1961 to 1984 photographs show several different industrial buildings. The 1995 aerial photograph shows the subject site occupied by the current five industrial/warehouse buildings. Standing water is visible in the photograph on and adjacent to the subject site..

### **Building Permits**

Permit documents were available from the City of Tacoma from the years 1961, 1963, 1966, 1967, 1970, 1972, 1979, 1983, 1985, and 1988. The permit reports contained no environmentally relevant data.

### **Building Department Plans**

Tacoma City Planning Department provided records of filed plans for 1979, 1983, 1987, 1988, and 1996.

### **Planning Department Records**

See above.

### **Sanborn Maps**

There was no Sanborn Map coverage of the subject site.

### **Oil and Gas Maps**

There are no oil or gas wells on the subject property.

### **Fire Department Records**

According to Mr. Kevin O'Connell of the Tacoma Fire Marshall's office, no records are on file concerning the subject property at that office.

### **UST Permits and Registrations**

No UST Permits or Registrations are required since there are no USTs on the subject property.

### **Street Directories**

Polk City Directories for the City of Tacoma were reviewed for the years 1937, 1942, 1951, 1960, 1970, 1980, and 1994. No listings were available for the subject property until the 1960 directory, which listed City Millwork and Olds, Harold E. at the subject address of 3376 Lincoln Ave. By 1970 American Lumber was listed at the subject site. The 1980 directory listed Wood Tone Stains at the subject site, and a new address at 2150 Taylor Way. The 1994 directory listed the subject site as vacant.

## Observation

The subject property was observed to be occupied by five industrial/warehouse buildings and small outbuildings. Paved areas were present around the buildings and there was significant areas of undeveloped space. Standing water was observed in many areas of the subject property, and a drainage ditch had been dug on the north side of the property into which industrial wastewater, contaminated with petroleum compounds, was being released. Buildings E, D, and C were observed to be cluttered with unidentified mechanical parts. Buildings, A, C, D, and E were observed to have areas of chemical spills near or within areas of standing water, with the potential for these substances to be washed from within the buildings.

## Personal Knowledge

Michael Kubler did not have any previous personal knowledge of the subject property.

## Interviews

According to Mr. Douglas Granum, property owner, the subject property was previously used as a wood turning plant. Greer Steel has been present onsite for 2 or more years, and Fields Co. moved in this year.

### 1.2.2 Current Property Use

The subject property was observed to be occupied by five industrial/warehouse buildings, several small outbuildings, paved areas and unimproved spaces. Two-thirds of building E is occupied by Greer Steel (a welding company), and the other buildings are occupied by Fields Roofing and Waterproofing, a manufacturing company. Fields Roofing stores large amounts of petroleum asphalt products, and a variety of hazardous chemicals on the subject site (See Chemical List Appendix F). Greer Steel maintains MSDS forms for a variety of hazardous chemicals (including trichloroethylene, a chemical implicated in the area NPL zone), which, according to Mr. Raymond Elrod (a company official) are intermittently stored on the subject property. Areas of chemical spills were observed within buildings A, C, D, and E. Standing water was also observed in these buildings near the spill areas, which suggests the possibility for further spread of the chemicals. In addition, Greer Steel is releasing industrial wastewater into a small drainage ditch on the north side of their building. Due to these examples of poor industrial housekeeping, along with the shallow local water table (2 to 4 feet bgs), the intermittent presence of standing surface water on the site, and the on-going NPL area investigation which encompasses the subject site, the current activities onsite may have negatively impacted the subject property.

### 1.2.3 Current and Historical Regulatory Review for the Subject Site

- a) Regulatory Lists - The subject site is not listed on the NPL, CERCLIS, SWIS, LUST, ERNS, LIENS, CORTESE, BEP, WDS, SARA, WMUDS, UST. The site has been placed on the Washington State Confirmed or Suspected Contaminated Sites (CSCSL) site within the last year for soil and groundwater violations related to petroleum products, solvents, EPA priority pollutants, and PAH's. A previous tenant was listed as a RCRIS hazardous waste generator and PCB handler.

- b) Permits, licenses, registrations, etc. - An air pollution permit has been given to Greer Steel by Puget Sound Air Pollution Control Agency..
- c) Compliance -A small drainage ditch has been constructed on site (See B.2 Site Photographs. Industrial wastewater is being released into the ditch.
- d) Other Regulatory Issues - Release of solvents, petroleum compounds, and other chemicals may result in the site being investigated as part of the on-going area-wide NPL investigation. The site has been listed on the Washington State Department of Ecology's Confirmed or Suspected Contaminated Sites List (CSCSL).

1.2.4 Review of Title Documents

- a) Owners or tenants suspected of environmentally sensitive operations include Greer Steel, which was observed during the site visit to be releasing water into a small drainage ditch which appeared to be contaminated with petroleum products. Fields Corp, the other current tenant, is listed on the CSCSL database. Previous tenants have conducted operations on the site which have recently caused it to be listed on the CSCSL with a hazard ranking of "3" on a 1(highest) to 5 scale.

b) Deed Restrictions

None

c) Environmental Liens

None

d) Reservation of Mineral Rights

None

e) Underground Pipeline Easements

None

f) Other Environmental Issues Relating to Title

None

**1.3 Geology**

a) Surface

- i) Direction of slope: north-northeast
- ii) Degree of slope: slight
- iii) Type of soil and permeability: Medium dense, gravely silty sand fill  
Moderate permeability

b) Sub-surface

One to two feet of medium dense, gravelly silty sand fill overlying a fine sandy silt to silty, fine sand with lenses of organic rich silt to a depth of approximately 9 to 12 feet. Typical of an alluvial-estuarine

depositional environment.

Source of data: AGRA Phase I Report, 1995 and EDR GEOCHECK, 1997

#### 1.4 Hydrology

- a) Surface Water: Vernal ponds resulting from recent moderate rains were observed on the subject property and adjacent street.
- b) Groundwater
- i) Estimated Depth: Groundwater is encountered 2.5 to 4 feet below ground surface.
  - ii) Direction of flow: Regional groundwater flow is generally to the north-northeast, however, the subject site is located near the Hylebos Waterway and Puget Sound and the groundwater depth and flow direction may be subject to tidal influence.
  - iii) Gradient: Not determined
  - iv) Nature of Aquifer: unknown
  - v) Use of Aquifer: First zone has no known uses (non-beneficial).
  - vi) Nearest domestic wells: Approximately 2 mile to the west.
  - vii) Perched Water bearing zones: Unknown
  - viii) General Comments: Nonpotable, monitoring wells are located on the subject property.
  - ix) Source of data: AGRA Phase I Report, 1995 and EDR GEOCHECK, 1997

#### 1.5 Non-CERCLA Issues

##### 1.5.1 Asbestos

###### a) Summarize Existing Reports

According to Mr. Douglas Granum, property owner, there are no existing reports for asbestos.

###### b) Operations and Management Plans

According to Mr. Douglas Granum, property owner, there are no existing Operations and Management Plans.

###### c) Suspect ACM's Identified

There were three areas of suspect ACM's identified. Samples were taken from a vinyl flooring in

the breakroom in Building C, and drywall samples were taken from Buildings B and C. The asbestos survey adhered to AHERA protocols.

#### d) Testing Results

The three samples collected were found not to contain asbestos. The laboratory results are located in Appendix F.

#### 1.5.2 Lead Paint

One exterior paint sample was collected and analyzed for lead. Lead was not detected in the paint sample. The laboratory result is located in Appendix F.

#### 1.5.3 Lead in Water

Testing for the presence of lead in domestic water was not specified in the scope of work nor conducted, since the office building is not a residential, educational, or convalescent facility.

#### 1.5.4 Radon

According to the EDR GEOCHECK results for Pierce County, Washington the subject property's area has a radon level of less than 1.3 picoCuries per liter of air. The current EPA guidelines indicate that action should be considered when radon levels reach an annual average of 4.0 picoCuries per liter or more for any livable area location. The radon level is well below the EPA action level of 4.0 picoCuries per liter. No basement or subterranean areas are present on the subject property. Based upon the radon level of the subject property's area zip code, radon has a low potential to impact the subject site.

#### 1.5.5 PCB's

Fluorescent light fixtures were observed throughout the buildings but were no longer in use due to wiring concerns. The light ballasts were said to have been recently installed and are not expected to contain PCB's. Transformers related to the site also appeared to be of recent construction. A previous tenant (Visador Inc.) was listed as a PCB handler, but HECO personnel were unable to determine the nature of operations conducted at the site or establish the possibility that they have negatively impacted the subject property.

### 1.6 Other

A list of stored chemicals provided by Mr. Mark Biltz, Warehousing Supervisor for Fields Corp. is present in Appendix F.

No list of chemicals stored in the Greer Steel portion of the property was available, however, a variety of solvents, petroleum compounds, paints and metal debris were observed in this area. The manner in which these substance were stored is discussed in section 1.7 below.

## 1.7 Environmental Issues

### Onsite

- Environmental concerns related to onsite issues are centered around the lack of appropriate industrial hygiene observed, the clear lack of drainage, and the presence of onsite chemicals which have been implicated in the NPL area which surrounds and includes the subject parcel. Throughout all of the buildings on the subject site areas of staining from chemicals stored within were observed on the ground and flooring. In addition, large areas of standing water were observed in the buildings as a result of recent moderate rains, raising the concern that spilled chemicals could be washed out of the buildings and into the soil and shallow (2-4 feet bgs) groundwater (see current photographs Appendix B.2). Substances observed to have leaked out included petroleum products, solvent-bearing paints, and unidentified products with packaging marked as "hazardous". Residue left from a previous fiberglass manufacturing process, implicated in solvent contamination and discussed in a previous Phase I Site Assessment (AGRA Earth & Environment, Inc., 1995) was still observed to be present onsite. A painting booth at the western boundary of the property has no secondary containment system, and paint is allowed to mix with the standing water. On the north side of Greer Steel's shop a small drainage ditch has been dug by hand, into which industrial water (which was visibly contaminated with petroleum compounds) was being discharged at the time of the inspection. Greer Steel's MSDS records indicated that they intermittently maintained stocks of solvents, including trichloroethylene which has been implicated in the regional NPL area. Onsite drainage is inadequate, with the access road being completely submerged (due to the heavy rains) at the time of inspection. Anecdotal comments from the property owner and several workers at the site indicated that onsite standing water had reached a depth of four feet deep within the last year.
- The subject site is listed on the PADS, RCRIS-SQG and FINDS databases, and as a PCB generator, storer, transporter or permitted disposer as recorded 1987 from activities related to a former tenant (Visador Co. Tacoma Division). No information was available from state or regional environmental offices concerning this finding. Based upon a site review performed in 1996 by the Tacoma-Pierce County Health Department (TPCHD), the site was placed on the Washington State Department of Ecology's Confirmed or Suspected Contaminated Sites List (CSCSL) due to the confirmed presence of petroleum products and Non-Halogenated Solvents above MTCA levels, and for the suspected presence of EPA priority pollutants and polynuclear aromatic hydrocarbons above MTCA levels. TPCHD determined that the known conditions at the subject site warrant additional investigative and/or cleanup work, and rated the site as a "3" on a scale of 1 (highest) to 5 on the State's priority listing. It was noted that Total Petroleum Hydrocarbons may be present in the site's groundwater at concentrations up to 19 times the acceptable level. The site is located within the Commencement Bay Nearshore Tideflats NPL site, created in 1983. The site is considered to be within the NPL area, but as of late 1996, according to Peter Nelson of TPCHD, the site had not been listed as a Principally Responsible Party (PRP) for the NPL area. It is unknown at this time if the recent listing of the site on the CSCSL will alter the site's regulatory status.

Off-site

- Due to the large number of regulatory site listings in the general area of the subject property, and the presence of multiple releases of hazardous materials into the soil and groundwater in areas adjacent to and upgradient from the subject property, it is likely that there has been a negative impact on the groundwater (and possibly the soil) of the subject site. The site is located within an industrial area where background levels of contaminants are known to be present. Any determination of the magnitude of negative impact on the subject site must take this elevated background into consideration, along with the present and intended uses of the property.

## 2.0 Surrounding Properties

### 2.1 Description

#### 2.1.1 Historical Use

The 1961 and 1965 aerial photographs show the adjacent properties to the north and west as undeveloped land. No usage of sites in the area during these years is expected to impact environmental conditions at the subject site. The later photographs show these properties to be occupied by industrial properties. See Section 2.1.2.

The all the aerial photographs show properties to the east and south to be occupied by industrial properties. See section 2.1.2.

#### 2.1.2 Current Use

The following adjoining/adjacent properties were observed during the site assessment: the adjoining property to the north is occupied by Fields Corporation, as is the eastern adjacent property (across 49th Ave); the adjacent property to the south is occupied by Reichhold Chemicals; the adjacent property to the west is occupied by Holbrooks Log Storage Yard. All of the adjacent properties are listed as CSCSL sites (Holbrooks under the name Murray Pacific Log Sorting Yard) with Holbrooks also being listed as a CERCLIS site. Reichhold Chemicals is also listed on the CORRACTS, and LUST databases. Due to the proximity of these sites, and the shallow tidally influenced groundwater, these sites may have negatively impacted groundwater and soil beneath the subject site.

### 2.2 Regulatory Review

- The subject site is listed on the PADS, RCRIS-SQG and FINDS databases and as a PCB generator, storer, transporter or permitted disposer from activities related to a former tenant (Visador Co. Tacoma Division, recorded 1987). No information was available from state or regional environmental offices concerning this finding. Based upon a site review performed in 1996 by the Tacoma-Pierce County Health Department (TPCHD), the site was placed on the Washington State Department of Ecology's Confirmed or Suspected Contaminated Sites List (CSCSL) due to the confirmed presence of petroleum products and Non-Halogenated Solvents above MTCA levels, and the suspected presence of EPA priority pollutants and polynuclear aromatic hydrocarbons above MTCA levels. TPCHD determined that the known conditions at the subject site warrant additional investigative and/or cleanup work, and rated the site a "3" on a scale of 1 (highest) to 5 on the State's priority list. It was noted that Total Petroleum Hydrocarbons may be present in the site's groundwater at concentrations up to 19 times the acceptable level. The site is located within the Commencement Bay Nearshore Tidelands NPL site, created in 1983. The site is considered to be within the NPL area, but as of late 1996, according to Peter Nelson of TPCHD, the site had not been listed as a Potentially Responsible Party (PRP) for the NPL site. It is unknown at this time if the recent listing of the site on the CSCSL will alter the site's status.

Within the established Wells-Fargo search distances from the subject property there are (including the subject and adjacent sites listed above) 1 NPL site, 7 RCRIS-TSD, 30 CSCSL, 6 CERCLIS, 6 CORRACTS, 5 LUST, 4 UST, 3 each RCRIS-SQG and RCRIS-LQG, 1 ROD, 1 CONSENT, and 3 Washington State Independent Cleanup Sites (WA ICR). Due to the regional flow of groundwater towards the north northeast and the subject site's location on a peninsula, not all of the

sites are positioned such that they could be expected to negatively impact the subject site (see the EDR Database Review Appendix E.2). Those sites discovered during the regulatory database review that may negatively impact the subject site are summarized as follows:

NPL Region:

- The subject site is located within the Commencement Bay Nearshore Tidelands NPL (also a CERCLIS and RCRIS-SQG) region. Soil, sediments, surface and groundwater within this area have been listed on the Federal Superfund list as a priority for remediation. The area was listed on NPL in 1983 after having been part of the larger Commencement Bay NPL Region, which was divided at that time. The Region is listed as having mixed ownership and as having resulted from heavy industry such as aluminum processing, chemical pulp and paper, and primary smelting. The NPL site is currently under investigation by the government to assess the extent of further action. Discussion with the Washington State Department of Ecology, which is assessing inland sites within the NPL region, revealed that the subject property was not listed as a PRP as of late 1996. However, no indications concerning future inclusion as a PRP were provided.

Other Databases:

- Murray Pacific Log Sorting Yard (aka Yard 1) is located adjacent to the subject property to the west and northwest at 3502 Lincoln Ave. E. It is listed on the CERCLIS, FINDS, RCRIS-LQG, UST, LUST and CSCSL databases. Contamination of soil, groundwater and sediment are recorded for the site from petroleum products, EPA priority pollutants, and Conventional Organic Contaminants. These problems are listed as having been remediated. There are no records indicating to what extent, if any, this site has negatively impacted the subject property. However, given the adjacent nature of the property, it is possible that groundwater under the subject property was affected.
- AOL Express (2000 Taylor Way) is located west-northwest of the subject site, and is thus up- to cross-gradient less than 1/8 of a mile away. The site is listed as a LUST and WAICP site, and has been conducting an independent remediation (since 1992) on a 1990 release of petroleum products affecting the soil and groundwater. Due to the proximity to the subject site and its location upgradient, this site may have negatively impacted the groundwater at the subject property.
- A site at 2301 Taylor Way known as the Thermafiber, USG Plant, or U.S. Gypsum Company are within 1/8 mile of the subject property and are listed on the UST, CSCSL, CERCLIS, FINDS and TSCA databases. Release of EPA priority pollutants and petroleum products to the soil, sediment, and groundwater have been reported. The site is listed as a subsite of the regional NPL area. The site is also monitored or permitted for air emissions under the clean air act.
- The Reichhold Chemical Inc. site at 3320 Lincoln Ave and 2340 Taylor Way is adjacent to the south of the subject property and is upgradient in relation to local groundwater flow. The site is listed on the FINDS, RCRIS-LQG and TSD, RAATS, CORRACTS, CERC-NFRAP, LUST and CSCSL databases. There have been confirmed releases to soil, and groundwater of EPA priority pollutants, phenolic compounds, and dioxin is suspected to be present. Given the proximity to the subject site and the regional groundwater flow it is likely that this site has negatively impact the subject site.
- The Fields Corporation site at 2240 Taylor way is the eastern adjacent to the subject property and is currently a tenant at the subject property. It is listed on the FINDS and CSCSL databases and

has non-halogenated solvents confirmed to be present in soil and suspected in groundwater. AGRA's 1995 Phase I site assessment of the subject property reported that Fields Corp. is alleged to have released surface water onto the road between the subject property and their site. During the site visit the road was submerged to a greater depth than could be accounted for by recent rains. No sampling of the standing water was performed. Due to the proximity of the site to the subject property, it is possible that releases to the soil and groundwater at the Fields site could negatively impact the subject property.

### 2.3 Other

No other information was obtained in the course of this investigation which relates to environmental conditions or liabilities associated with the surrounding area.

### 3.0 Analysis and Conclusions

#### 3.1 Subject Site

- Environmental concerns related to onsite issues are centered around the lack of appropriate industrial housekeeping observed, the clear lack of adequate site drainage, and the onsite presence of chemicals which have been implicated in the NPL area (which surrounds and includes the subject parcel). Throughout all of the buildings on the subject site, noticeable areas of staining on the ground and flooring were observed, presumably from the chemicals stored within. In addition, large areas of standing water were observed in the buildings as a result of recent moderate rains, raising the concern that any spilled chemicals could be washed out of the buildings and into the soil and shallow groundwater (see current photographs Appendix B.2). Substances observed to have leaked included petroleum products, solvent-borne paints, and unidentified products with packaging marked as "hazardous". Residue left from a previous fiberglass manufacturing process, implicated in solvent contamination and discussed in a previous Phase I Site Assessment (AGRA Earth & Environment, Inc., 1995), was still observed to be present onsite. A painting booth at the western boundary of the property has no secondary containment system, and over-spray paint is allowed to enter the nearby standing water. On the north side of Greer Steel's shop a small drainage ditch has been dug into which industrial water was being discharged at the time of the inspection which was visibly contaminated with petroleum compounds. Greer Steel's MSDS records indicated that they maintained stocks of solvents at least intermittently, including such materials as trichloroethylene, which has been implicated in the regional NPL project. Drainage onsite is minimal, with the access road being completely submerged at the time of inspection. Anecdotal discussions with the property owner and several workers at the site indicated that onsite standing water had reached a depth of four feet within the last year.
- The subject site is listed on the PADS, RCRIS-SQG and FINDS databases, and as a PCB generator, storer, transporter or permitted disposer from activities related to a former tenant (Visador Co. Tacoma Division, recorded 1987). No information was available from state or regional environmental offices concerning this finding. Based upon a site review performed in 1996 by the Tacoma-Pierce County Health Department (TPCHD), the site was placed on the Washington State Department of Ecology's Confirmed or Suspected Contaminated Sites List (CSCSL) due to the confirmed presence of petroleum products and Non-Halogenated Solvents above MTCA levels, and the suspected presence of above-MTCA levels of EPA priority pollutants and polynuclear aromatic hydrocarbons. TPCHD determined that the known conditions at the subject site warrant additional investigative and/or cleanup work, and rated the site a "3" on a scale of 1 (highest) to 5 on the State's priority list. It was noted that Total Petroleum Hydrocarbons may be present in the site's groundwater at concentrations up to 19 times the acceptable level. The site is located within the Commencement Bay Nearshore Tidelands NPL site, created in 1983. The site is considered to be within the NPL area, but as of late 1996, according to Peter Nelson of TPCHD, the site had not been listed as a Potentially Responsible Party (PRP) for the NPL action. It is unknown at this time if the recent listing of the site on the CSCSL will alter the site's status .

#### 3.2 Off-site

- Due to the large number of regulatory sites in the surrounding area of the subject property, and the presence of multiple releases of hazardous materials into the soil and groundwater in areas adjacent to and upgradient from the subject property, it is likely that there has been a negative impact on the groundwater (and possibly the soil) beneath the subject site. The site is located within a heavy

industrial area where background levels of contaminants are present. Any determination of the magnitude of negative impact on the subject site must take this elevated background into consideration, as well as the present and anticipated future uses of the site.

**APPENDICES**

.....

.....

.....

.....

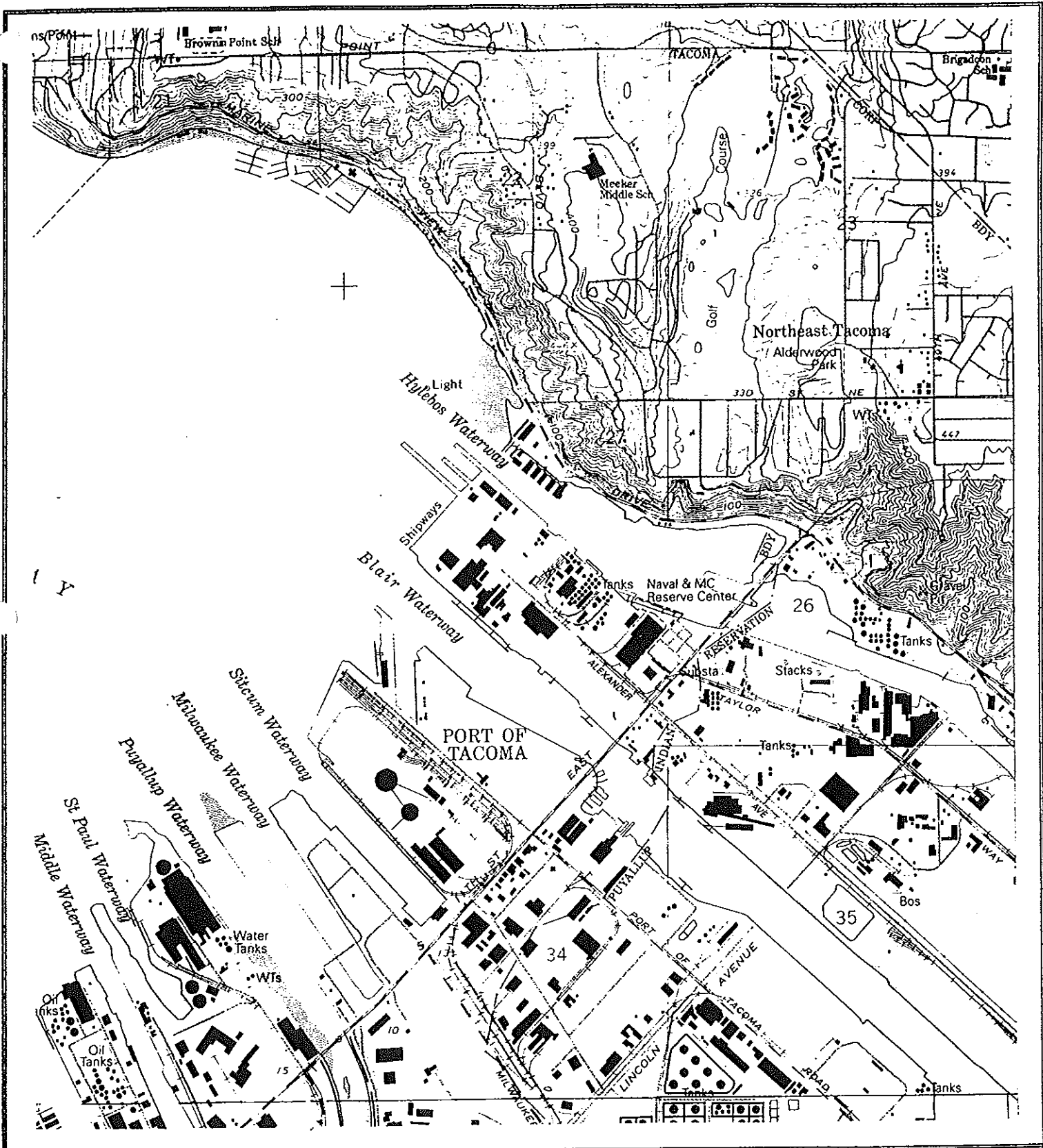
**A**

(

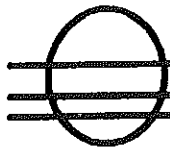
(

**APPENDIX A**

**Maps and Figures**



North

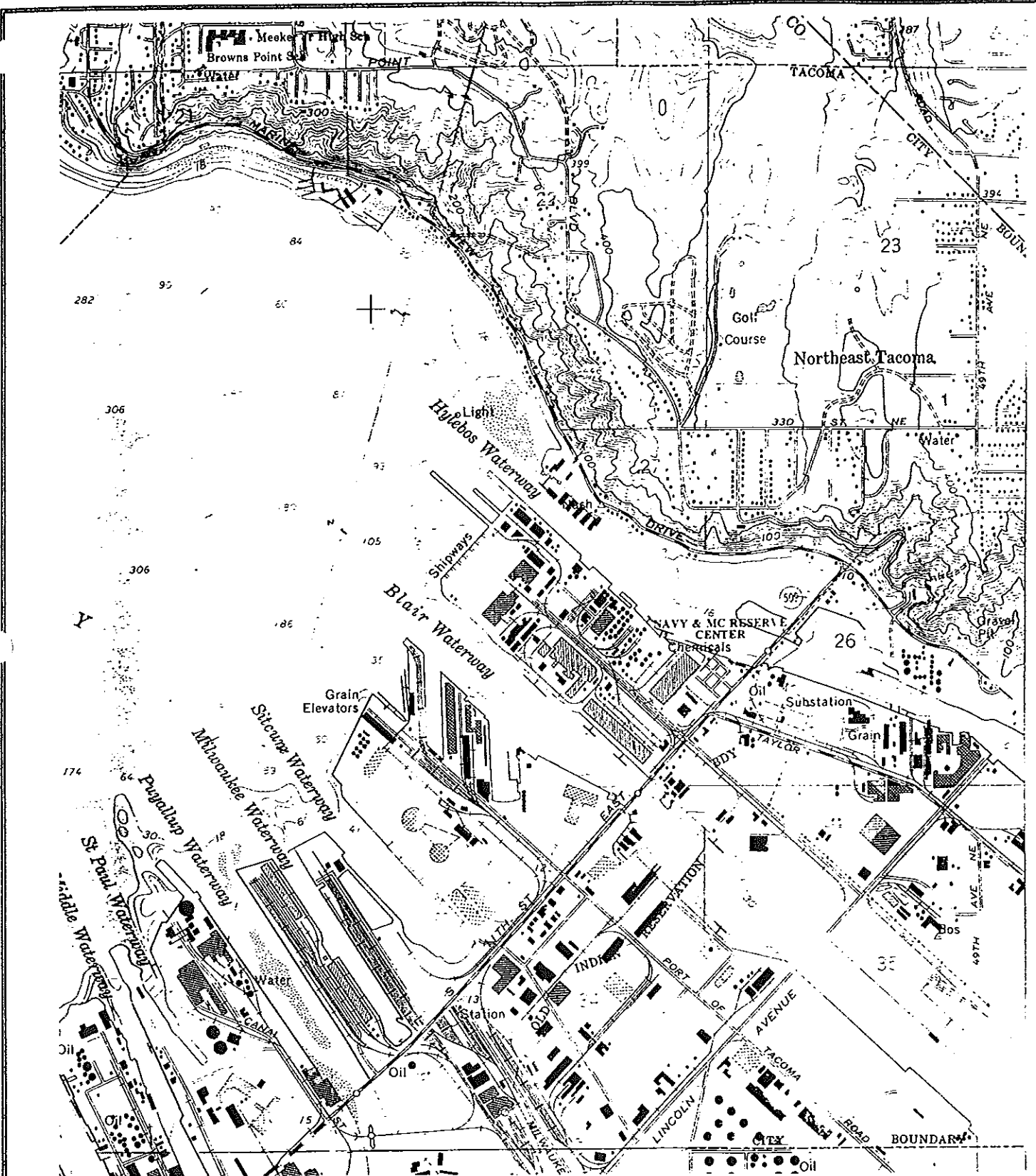


HILLMANN ENVIRONMENTAL CO., INC.

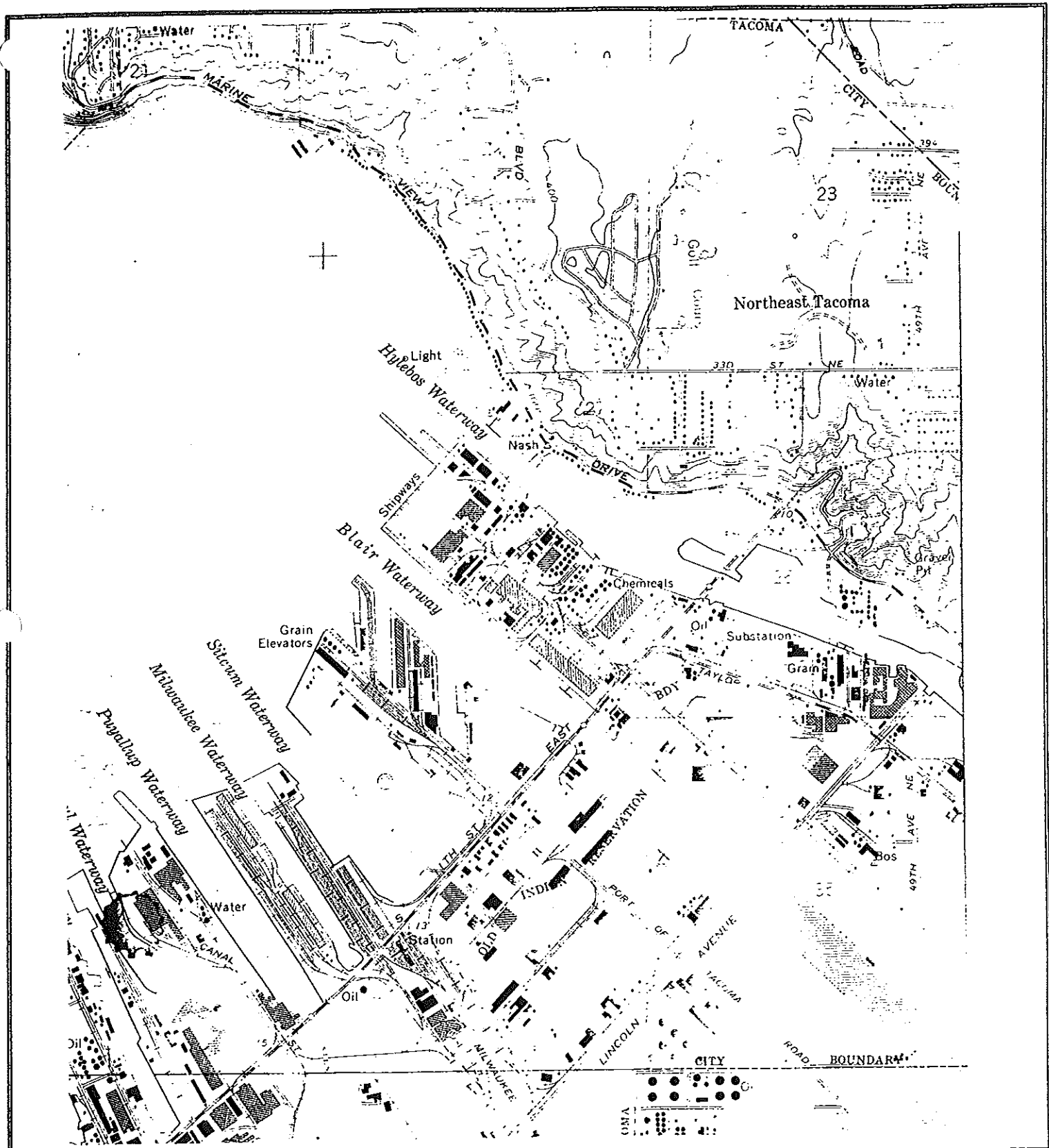
USGS 7.5 Minute TOPOGRAPHIC MAP  
TACOMA NORTH QUADRANGLE

1961

Revised 1994



USGS 7.5 Minute TOPOGRAPHIC MAP  
 TACOMA NORTH QUADRANGLE  
 1961  
 Revised 1981



North

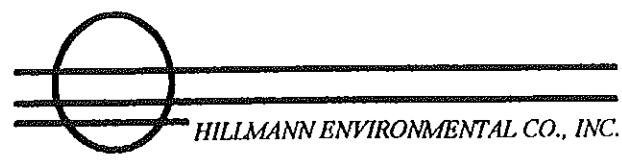
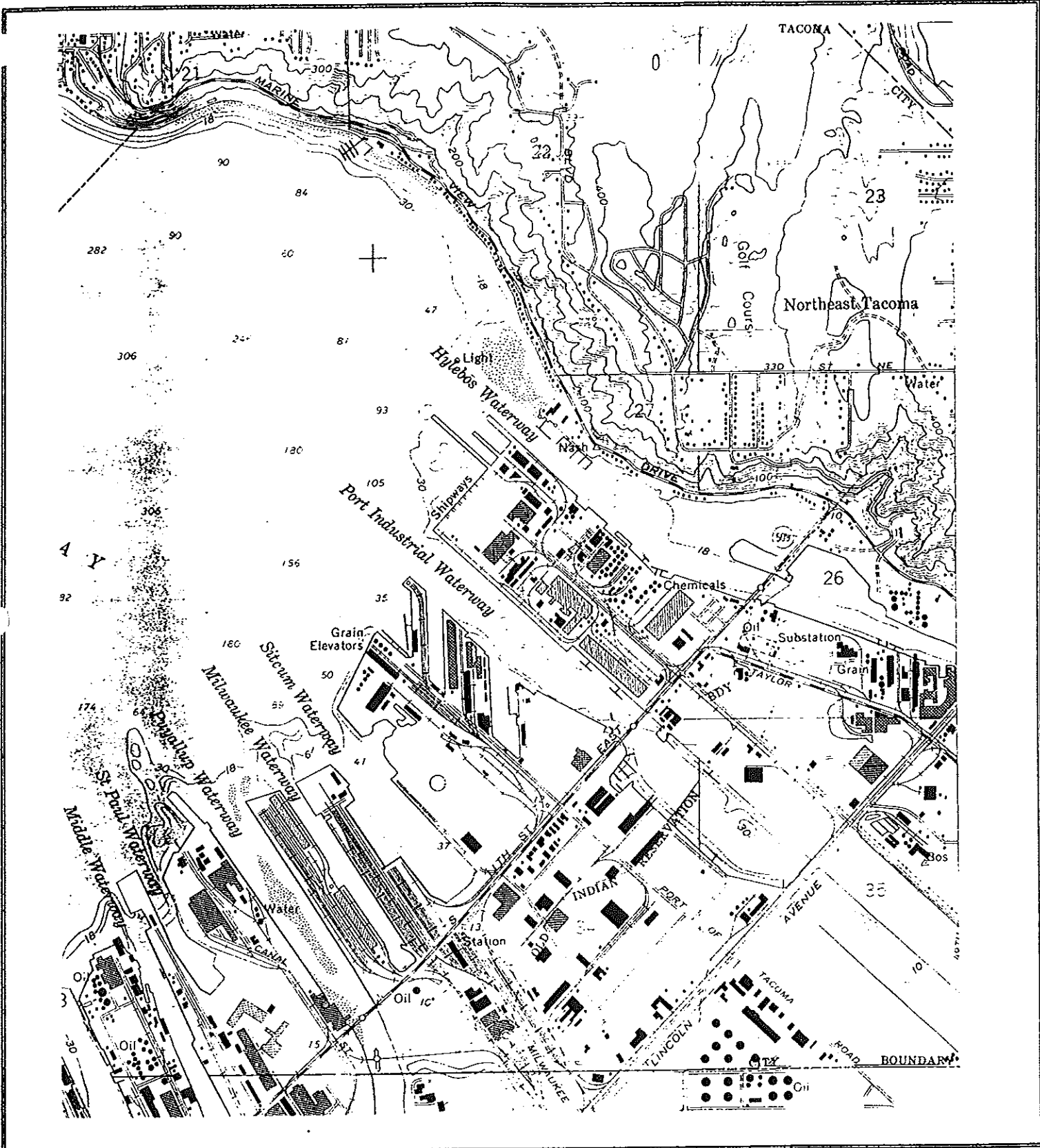


HILLMANN ENVIRONMENTAL CO., INC.

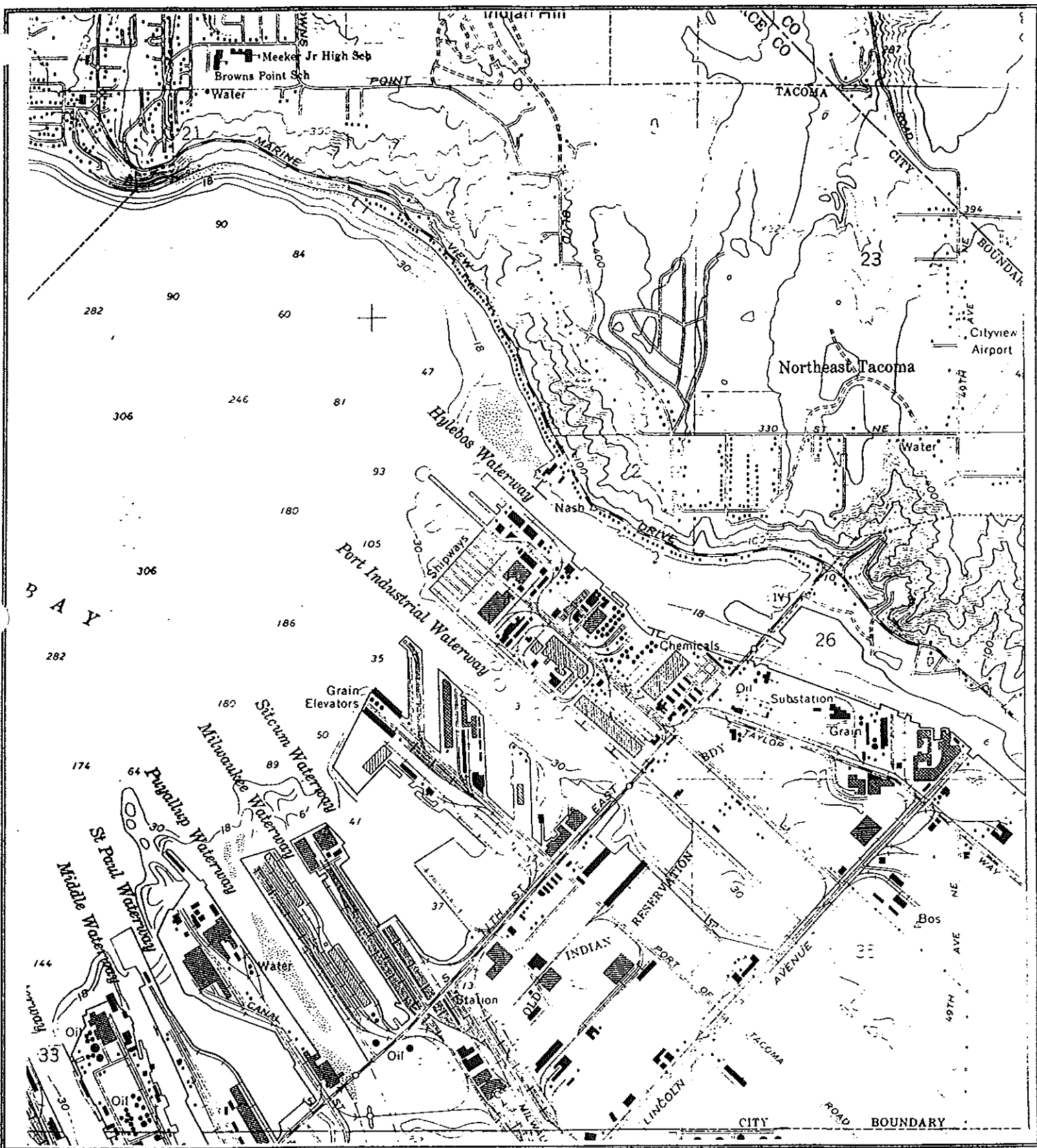
USGS 7.5 Minute TOPOGRAPHIC MAP  
TACOMA NORTH QUADRANGLE

1951

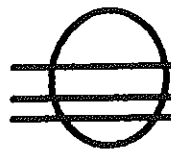
REVISED 1973



USGS 7.5 Minute TOPOGRAPHIC MAP  
 TACOMA NORTH QUADRANGLE  
 1961  
 REVISED 1988



North



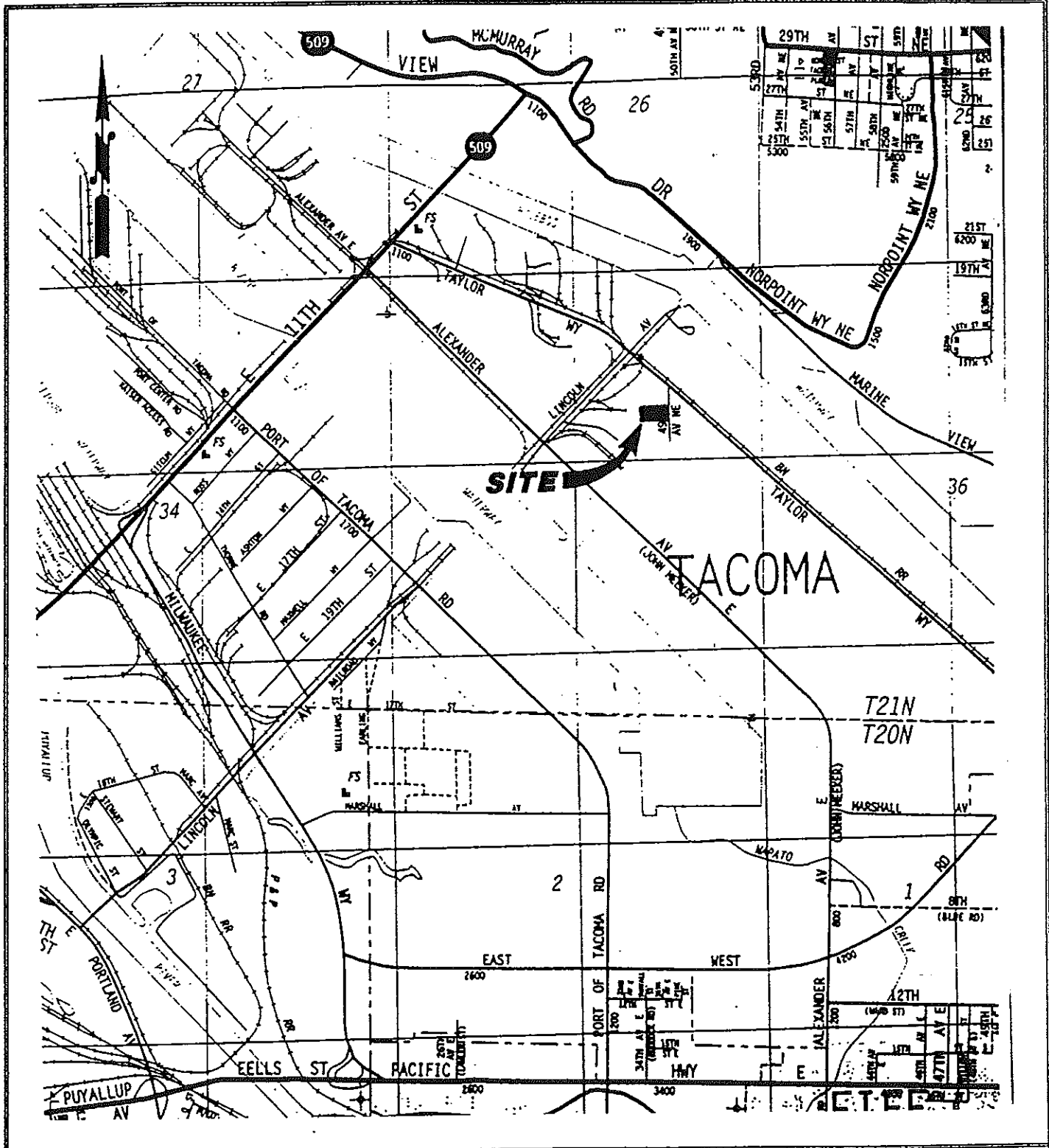
HILLMANN ENVIRONMENTAL CO., INC.

USGS 7.5 Minute TOPOGRAPHIC MAP  
TACOMA NORTH QUADRANGLE

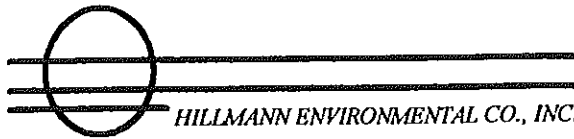
1961

**APPENDIX A.1**

**Property Vicinity Map**



North



HILLMANN ENVIRONMENTAL CO., INC.

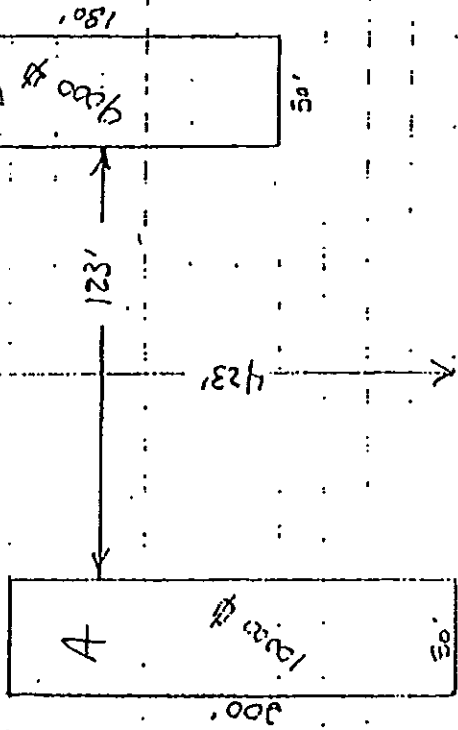
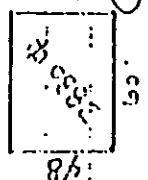
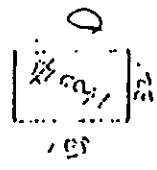
Property Vicinity Map  
 Granum Property  
 2150 Taylor Way  
 Tacoma, Pierce County, Washington

**APPENDIX A.2**

**Site Plan**

1537  
 Mr. [unclear]  
 1000-1000  
 1000-1000

200'	11,000 \$	2190' 198
	9,000 \$	2190' 198
	12,000 \$	2190' 198



Site Plan  
 Century Property  
 2100 [unclear]  
 Neenah, Florida County, Washington

**APPENDIX A3**  
**USGS 7.5 Topographic Map**

2

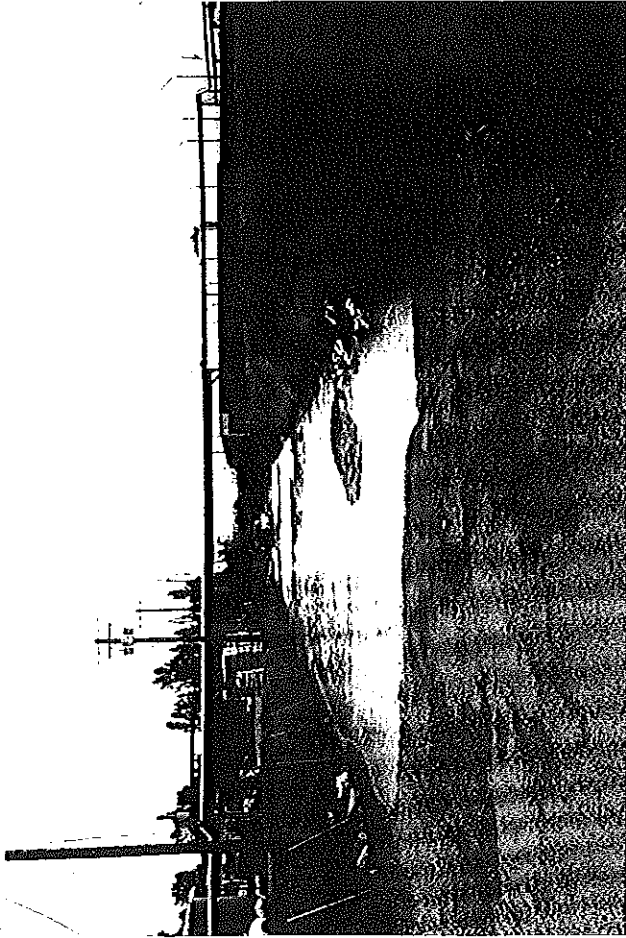


**APPENDIX B**

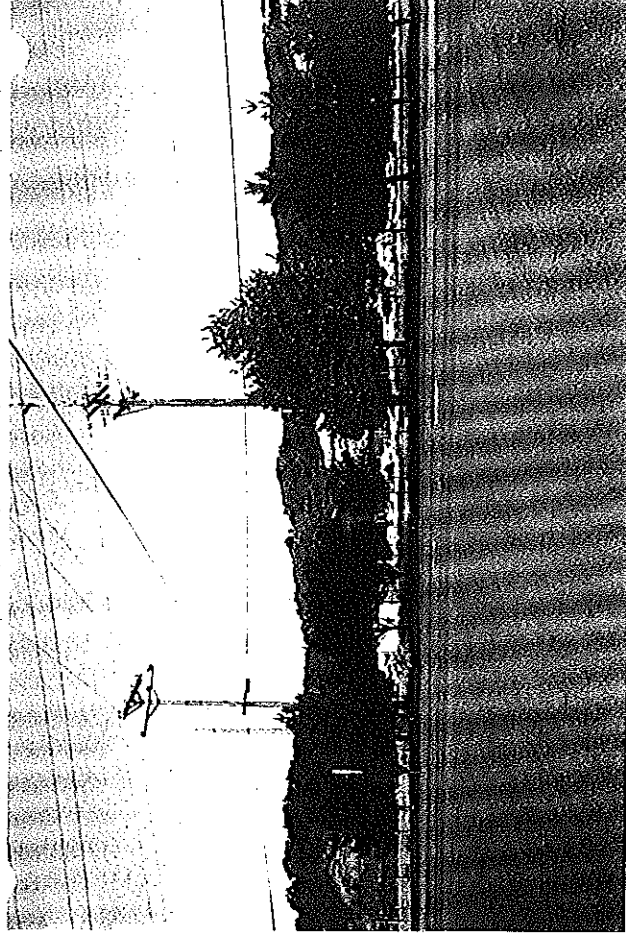
**Photographs**

**APPENDIX B.1**

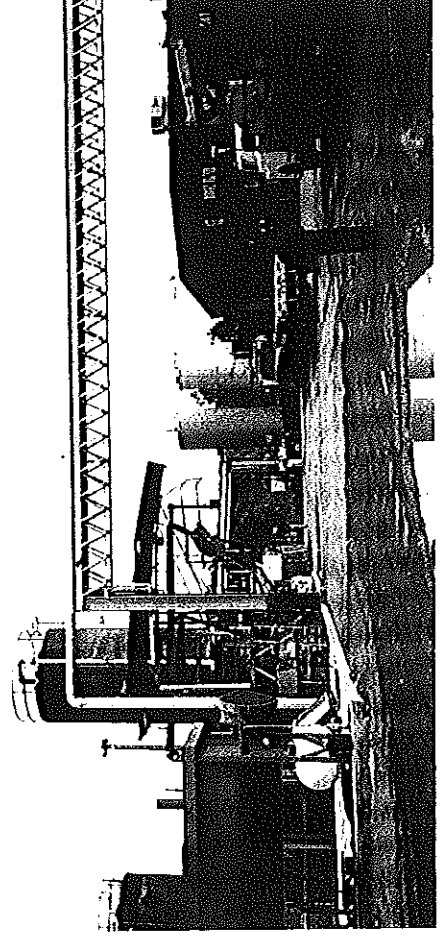
**Site Photographs**



C1-1500-01 South along 49th Ave. NE towards the subject property



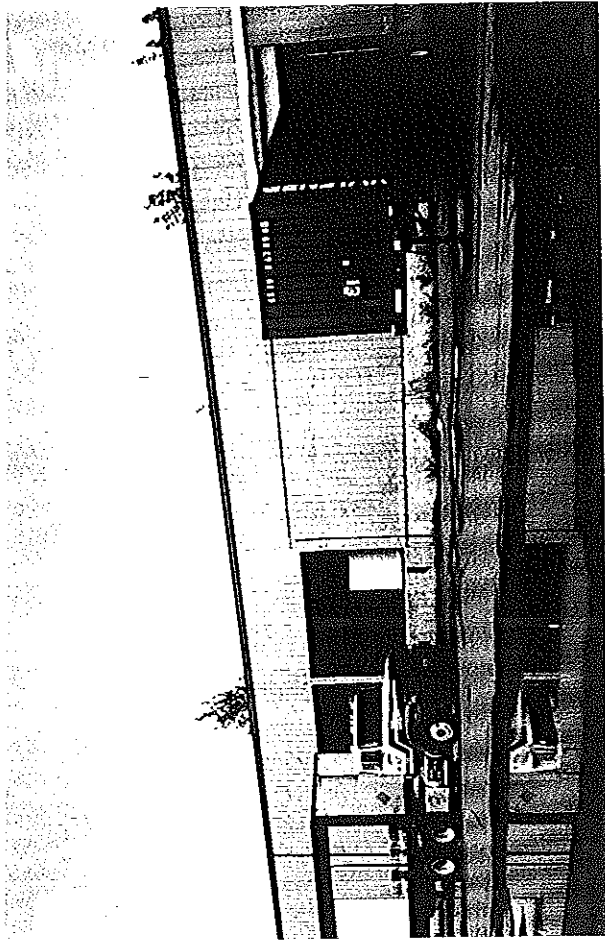
C1-1500-02 North across Taylor Way from 49th Ave.



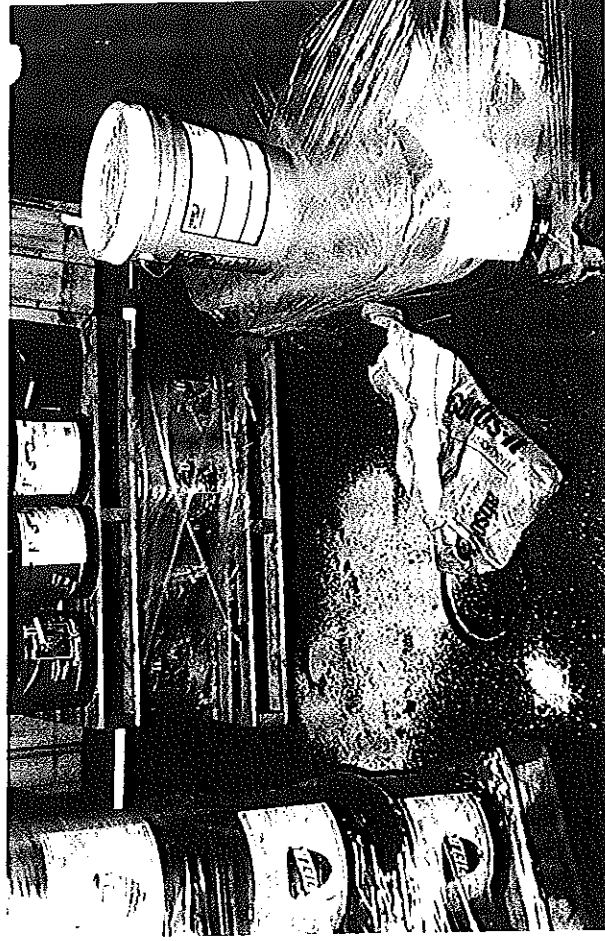
C1-1500-03 Looking west towards subject property

C1-1500-04 Look east at adjacent property Fields Corp

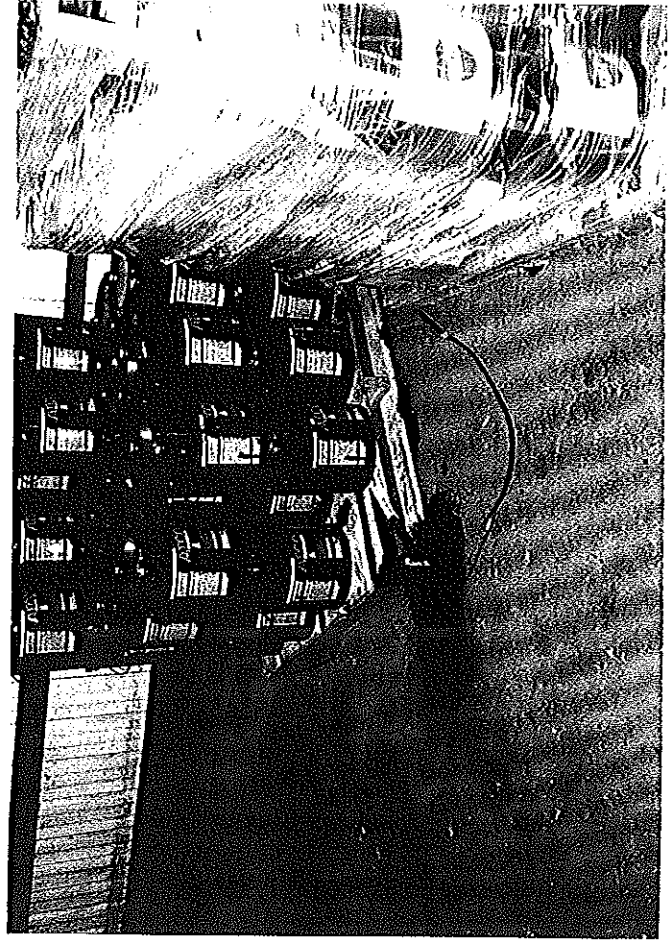




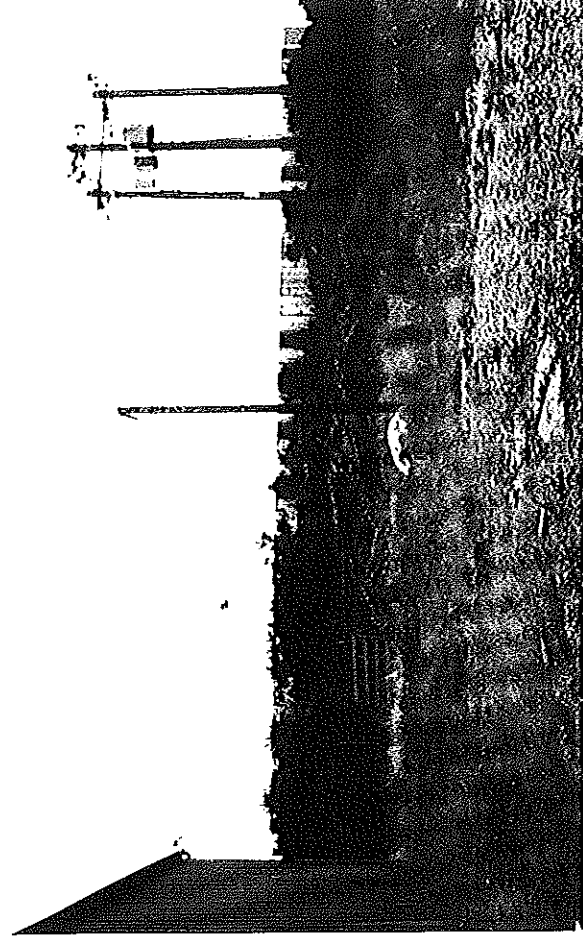
C1-1500-09 Looking north at building B



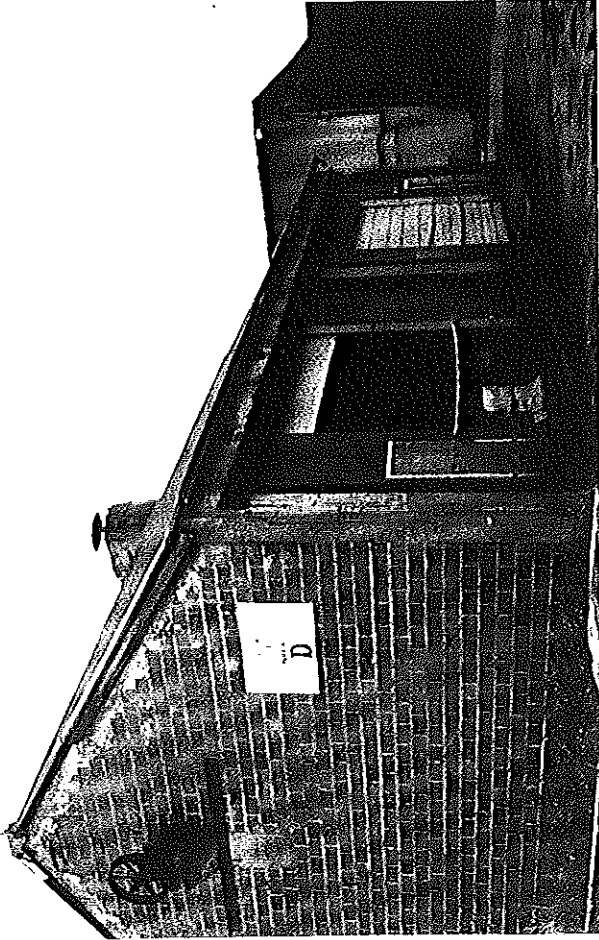
C1-1500-10 Spill within building A



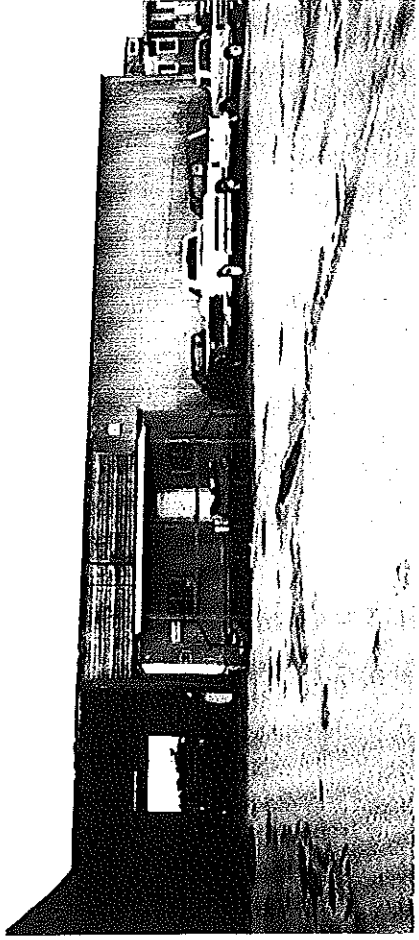
C1-1500-11 Spill within building A



C1-1500-12 Looking south at adjacent property Reichold Chemical



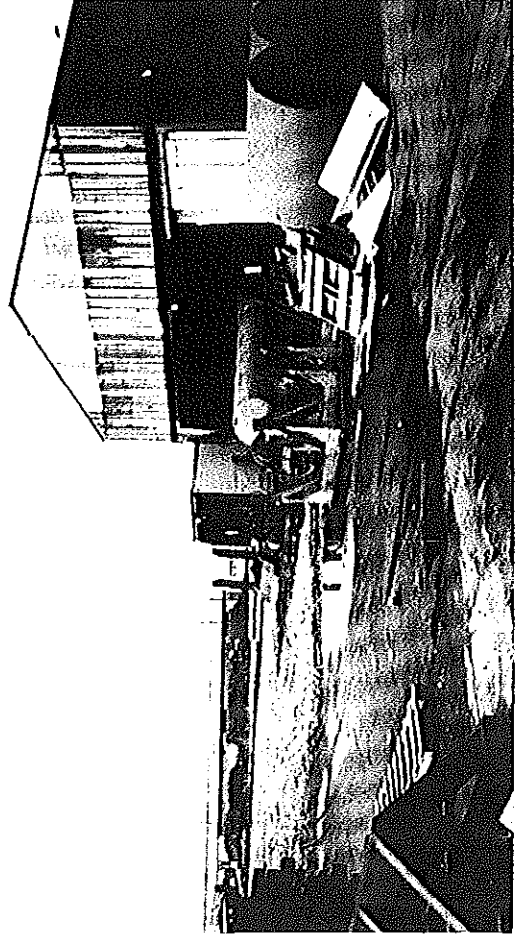
CI-1500-13 Building D



CI-1500-14 Building E



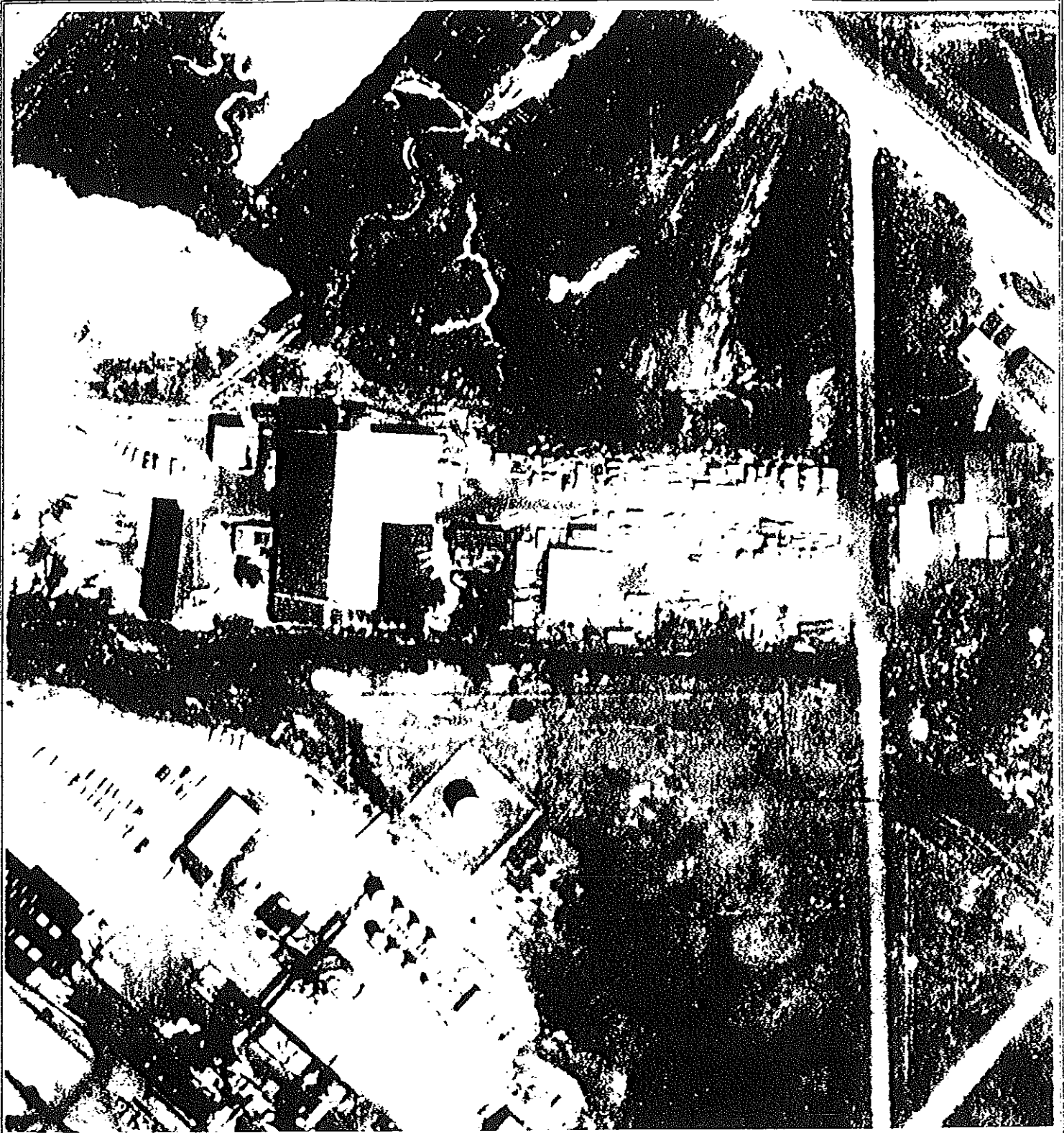
CI-1500-16 A drainage ditch on the north side of building E



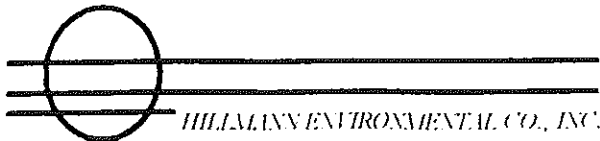
CI-1500-15 Looking west at adjacent property.

**APPENDIX B.2**

**Updated Aerial Photographs**



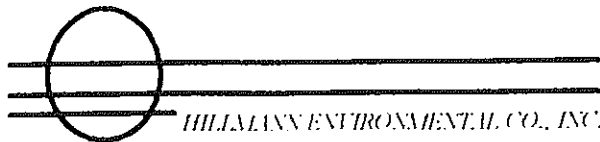
— —  
— —  
North



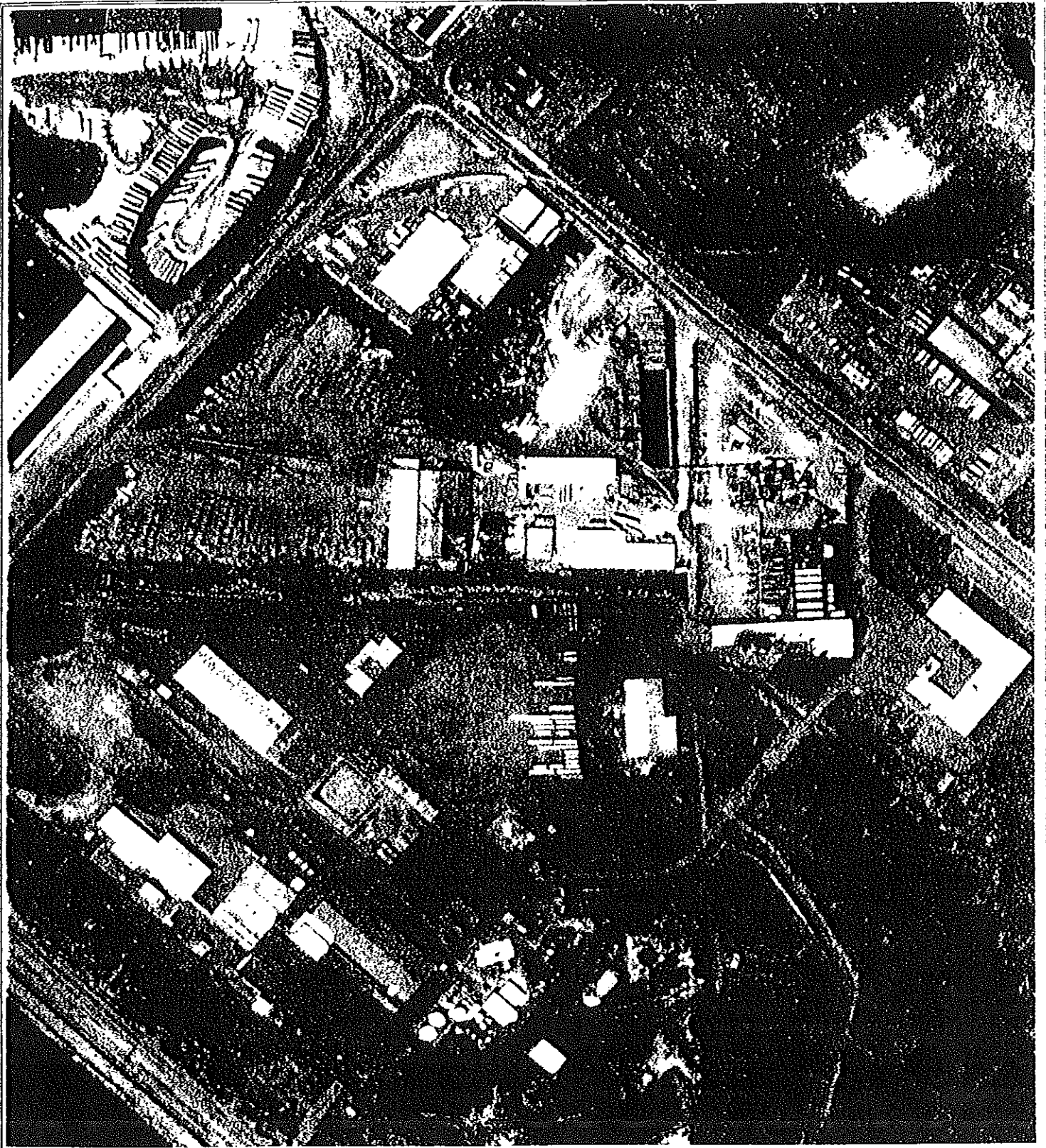
1970 AERIAL PHOTOGRAPH  
Granum Property  
2150 Taylor Way.  
Tacoma, Pierce County, Washington



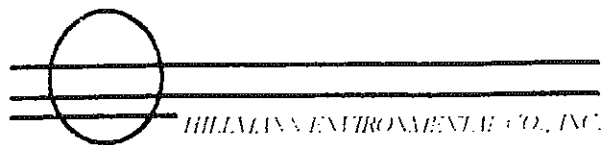
— —  
— —  
North



1984 AERIAL PHOTOGRAPH  
Granum Property  
2150 Taylor Way.  
Tacoma, Pierce County, Washington



— —  
— —  
North



1995 AERIAL PHOTOGRAPH  
Granum Property  
2150 Taylor Way.  
Tacoma, Pierce County, Washington

**APPENDIX B**

**Photographs**

C

**APPENDIX C**

**QA/QC**

**APPENDIX C.1**  
**Site Inspection Checklist**

**QA/QC - C-1**

<b><u>Y/N</u></b>	<b><u>Issue</u></b>	
<b>Y</b>	<b>Above Ground Storage Tank(s)</b>	<b>2, one propane, one unknown contents.</b>
<b>N</b>	<b>Underground Storage Tank(s)</b>	
<b>N</b>	<b>Clarifiers</b>	
<b>N</b>	<b>Fill or Evacuation Ports</b>	
<b>N</b>	<b>Vent Pipes</b>	
<b>N</b>	<b>Fuel Islands</b>	
<b>Y</b>	<b>Drums</b>	
<b>Y</b>	<b>Other Containers</b>	
<b>Y</b>	<b>Surface Staining Within buildings.</b>	
<b>N</b>	<b>Solid Waste Disposal</b>	
<b>N</b>	<b>Sumps</b>	
<b>N</b>	<b>Pits</b>	
<b>Y</b>	<b>Ponds Vernal ponds throughout property.</b>	
<b>N</b>	<b>Lagoons</b>	
<b>N</b>	<b>Stockpiled Soils</b>	
<b>N</b>	<b>Distressed Vegetation</b>	
<b>N</b>	<b>Oil or Gas Wells</b>	
<b>Y</b>	<b>Monitoring Wells</b>	
<b>N</b>	<b>Domestic Water Wells</b>	
<b>N</b>	<b>Dry Wells</b>	
<b>N</b>	<b>Underground Pipelines</b>	
<b>N</b>	<b>Chemical Processes</b>	
<b>N</b>	<b>Waste Treatment</b>	
<b>Y</b>	<b>Hazardous Waste Storage</b>	
<b>N</b>	<b>Septic Systems</b>	
<b>Y</b>	<b>Waste Water Discharge</b>	
<b>N</b>	<b>Dry Cleaners</b>	
<b>N</b>	<b>Repair or Servicing Facilities</b>	
<b>N</b>	<b>Photo Processing</b>	
<b>Y</b>	<b>Manufacturing</b>	
<b>Y</b>	<b>Distribution Warehouse</b>	
<b>N</b>	<b>Asbestos Containing Materials</b>	
<b>N</b>	<b>High Radon Levels</b>	
<b>N</b>	<b>Suspect Lead Containing Paint</b>	
<b>N</b>	<b>Lead in Water</b>	
<b>N</b>	<b>Others</b>	

**QA/QC - C-1**

Is/was heating fuel provided by on-site storage fuel oil?

**There is no on-site storage of fuel oil.**

On-site use, disposal, treatment, storage, or emission, of significant quantities of hazardous materials or wastes.

**There is on site use, disposal, treatment, storage, and there may be emission of significant quantities of hazardous materials or wastes.**

Evidence of any on-site release of hazardous materials which could impact the subject site?

**There is evidence of on-site release of hazardous materials into a small drainage ditch which could impact the subject site.**

Evidence of any off-site release of hazardous materials which could impact the subject site.

**There is record in a previous Phase I site assessment by AGRA in 1995 that the adjacent property managed by Fields Corp. releases hazardous materials which could impact the subject site.**

**APPENDIX C.2**  
**Summary of Historical Research**

**QA/QC - C-2**

**Source**

50 Year Chain of Title	<b>Not obtained</b>
Aerial Photos	<b>1961, 1965, 1970, 1984, 1995</b>
Building Department Permits	<b>1961 to 1996</b>
Building Department Plans	<b>1980's</b>
Planning Department Records	<b>Covered under Building Department</b>
Fire Insurance Maps	<b>No Sanborn Map Coverage</b>
Oil and Gas Maps	<b>1997 GeoCheck</b>
Fire Department Records	<b>No UST's on site</b>
UST Permits and Registrations	<b>No UST Permits and Registrations are required</b>
Street Directories	<b>1937, 1942, 1951, 1960, 1970, 1980, 1994 Polk City Directory</b>
Observation	<b>One-story Industrial/warehouse buildings (5)</b>
Personal knowledge	<b>No previous personal knowledge</b>
Interviews	<b>Vacant prior to 1960's</b>
Other	<b>None</b>

**APPENDIX C.3**

**Regulatory Records**

**QA/QC - C-3**

**Regulatory Records**

<b>Checked? Y/N</b>	<b>Found/ Subject</b>	<b>Source</b>	<b>Research Distance (Miles)</b>
Y	YES	NPL	1.0
Y	YES	CERCLIS	0.5
Y	No	Federal ERNS	Subject site only
Y	No	RCRA TSD	1.0
Y	YES	RCRA Generators	Subject & adjoining sites only
Y	No	State & Local Landfill lists of hazardous waste sites	1.0
Y	No	State & Local Landfill and/or waste disposal sites	0.5
Y	YES	State & Local Leaking UST list	0.5
Y	YES	State & Local Registered UST	Subject & adjoining sites only
Y	YES	Department of Public Health	Subject site only
Y	No	Fire Department	Subject site only
Y	YES	State & Local Pollution Control Agency	Subject site only
Y	YES	Regional Water Quality Agency	Subject site only
Y	YES	Others	Subject site, Puget Sound Air Quality

**APPENDIX C.4**  
**Aerial Photograph Reviews**

**QA/QC C-4 Aerial Photograph Review**

Env. Issues? **No**

Source: **University of Washington Library**

Year: **1961**

Scale: **1" = 400'**

Type: **Mylar Negative**

Not available for duplication

<b>Concern</b>	<b>On-Site</b>	<b>Off-Site</b>
Improvements	No	No
Use	No	No
Note evidence of:	No	No
Above Ground Storage Tanks	No	No
Fuel Islands	No	No
Drums	No	No
Other Containers	No	No
Surface Staining	No	No
Solid Waste Disposal/Land Fill	No	No
Pits, Ponds, Lagoons	No	No
Stockpiled Soils	No	No
Distressed Vegetation	No	No
Wells	No	No
Repair or Servicing Facilities	No	No
Industrial/Manufacturing	No	No
Warehouse	No	No
Gas Station	No	No
Others	No	No

**QA/QC C-4 Aerial Photograph Review**

Env. Issues? **No**

Source: **University of Washington Library**

Year: **1965**

Scale: **1" = 400'**

Type: **Mylar Negative**  
Not available for duplication

**Concern**

**On-Site**

**Off-Site**

Improvements	<b>No</b>	<b>No</b>
Use	<b>No</b>	<b>No</b>
Note evidence of:	<b>No</b>	<b>No</b>
Above Ground Storage Tanks	<b>No</b>	<b>No</b>
Fuel Islands	<b>No</b>	<b>No</b>
Drums	<b>No</b>	<b>No</b>
Other Containers	<b>No</b>	<b>No</b>
Surface Staining	<b>No</b>	<b>No</b>
Solid Waste Disposal/Land Fill	<b>No</b>	<b>No</b>
Pits, Ponds, Lagoons	<b>No</b>	<b>No</b>
Stockpiled Soils	<b>No</b>	<b>No</b>
Distressed Vegetation	<b>No</b>	<b>No</b>
Wells	<b>No</b>	<b>No</b>
Repair or Servicing Facilities	<b>No</b>	<b>No</b>
Industrial/Manufacturing	<b>No</b>	<b>No</b>
Warehouse	<b>No</b>	<b>No</b>
Gas Station	<b>No</b>	<b>No</b>
Others	<b>No</b>	<b>No</b>

**QA/QC C-4 Aerial Photograph Review**

**Env. Issues? YES**

**Source: University of Washington Library**

**Year: 1970**

**Scale: Unknown**

**Type: Glossy Photo**

<b>Concern</b>	<b>On-Site</b>	<b>Off-Site</b>
Improvements	No	YES
Use	No	No
Note evidence of:	No	No
Above Ground Storage Tanks	No	YES
Fuel Islands	No	No
Drums	YES	YES
Other Containers	YES	YES
Surface Staining	No	No
Solid Waste Disposal/Land Fill	No	No
Pits, Ponds, Lagoons	No	No
Stockpiled Soils	No	No
Distressed Vegetation	No	No
Wells	No	No
Repair or Servicing Facilities	No	No
Industrial/Manufacturing	No	No
Warehouse	YES	No
Gas Station	No	No
Others	No	No

**QA/QC C-4 Aerial Photograph Review**

Env. Issues? **YES**

Source: **University of Washington Library**

Year: **1984**

Scale: **1:12000**

Type: **Orthophoto**

<b>Concern</b>	<b>On-Site</b>	<b>Off-Site</b>
Improvements	No	YES
Use	No	No
Note evidence of:	No	No
Above Ground Storage Tanks	No	YES
Fuel Islands	No	No
Drums	YES	YES
Other Containers	YES	YES
Surface Staining	No	No
Solid Waste Disposal/Land Fill	No	No
Pits, Ponds, Lagoons	No	No
Stockpiled Soils	No	No
Distressed Vegetation	No	No
Wells	No	No
Repair or Servicing Facilities	No	No
Industrial/Manufacturing	No	No
Warehouse	YES	YES
Gas Station	No	No
Others	No	No

**QA/QC C-4 Aerial Photograph Review**

Env. Issues? **YES**

Source: **University of Washington Library**

Year: **1995**

Scale: **Unknown**

Type: **Glossy Photo**

<b>Concern</b>	<b>On-Site</b>	<b>Off-Site</b>
Improvements	<b>YES</b>	<b>YES</b>
Use	<b>No</b>	<b>No</b>
Note evidence of:	<b>No</b>	<b>No</b>
Above Ground Storage Tanks	<b>No</b>	<b>YES</b>
Fuel Islands	<b>No</b>	<b>No</b>
Drums	<b>YES</b>	<b>YES</b>
Other Containers	<b>YES</b>	<b>YES</b>
Surface Staining	<b>No</b>	<b>No</b>
Solid Waste Disposal/Land Fill	<b>No</b>	<b>No</b>
Pits, Ponds, Lagoons	<b>No</b>	<b>No</b>
Stockpiled Soils	<b>No</b>	<b>No</b>
Distressed Vegetation	<b>No</b>	<b>No</b>
Wells	<b>No</b>	<b>No</b>
Repair or Servicing Facilities	<b>No</b>	<b>No</b>
Industrial/Manufacturing	<b>No</b>	<b>No</b>
Warehouse	<b>YES</b>	<b>No</b>
Gas Station	<b>No</b>	<b>No</b>
Others	<b>No</b>	<b>No</b>

**APPENDIX C.5**

**Exceptions**

**QA/QC - C-5**

**Exception Items**

1. List any areas of the site which were not available for inspection and any restrictions which were placed upon your access to environmental data.

There were no areas, except for the roofs of the buildings, of the site which were not available for the inspection and there were no restrictions placed upon the access to environmental data.

2. List and explain the status of any tasks, such as document review, which are required in completion of the investigation, but which have not been completed.

There are no tasks which have not been completed for the subject site.

**APPENDIX C.6**

**Protocol**

## **Protocol for Environmental Site Assessment - (ENV-2) Format**

### **Executive Summary**

#### **I. Property Use**

The property is observed for evidence of underground and above ground storage tanks, drums, PCB-containing devices, suspect asbestos containing materials, staining, distressed vegetation, on-site storage, treatment, and disposal of hazardous materials and hazardous wastes and other issues which could impact the environmental integrity of the property.

Building permits, ownership information, aerial photographs, Sanborn Maps, and city directories are researched in order to obtain historical uses of the property.

#### **II. Scope of Investigations**

The Phase I Environmental Site Assessment includes:

- 1) A review of federal, state, and local regulatory and municipal agency files was performed to identify any past environmental problems associated with the site or surrounding properties or permits issued to the site for use, storage, treatment, or generation of hazardous materials/wastes.
- 2) An on-site investigation to visually evaluate current conditions at the subject site including sensitive receptor areas, property usage, and physical structures, and noting adjoining properties and their current usage as well as evaluating environmental liabilities.
- 3) Interviews with individuals familiar with site operations, materials, and history. Additional work efforts, if required, would be based on the findings of the Phase I Environmental Site Assessment.
- 4) Photographic documentation of the current building site conditions, including abutting properties.

#### **III. Environmental Issues**

Environmental issues found during the site assessment are described.

## **1.0 Subject Site**

The property is observed for evidence of underground and above ground storage tanks, drums, PCB-containing devices, suspect asbestos containing materials, staining, distressed vegetation, on-site storage, treatment, and disposal of hazardous materials and hazardous wastes and other issues which could impact the environmental integrity of the property.

### **1.1 Site Description**

Tax assessor records are researched at the county tax assessor's office in order to identify the property location. Information obtained includes address, assessor's parcel number, gross site area, number of buildings, approximate area of each building, and age/construction date of each building. Zoning designation and description is obtained at the city hall planning department. Source of potable water, sewage disposal system, solid waste disposal information is obtained from contacting the various city departments.

### **1.2 Property Use**

#### **1.2.1 Former Property Use**

Sanborn Maps, aerial photographs, city directories, and building permits are reviewed in order to research historical property history. A chronological description is used to show the use of the site since 1940, or beginning with the earliest development of the site, whichever is earlier.

In accordance with **ASTM Standards on Environmental Site Assessments for Commercial Real Estate (E 1527-94 - Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process)**, Section 7.3.2 states that uses of the property shall be identified from the present back until 1940 using standard historical sources. Historical sources include Aerial Photographs, Fire Insurance Maps, Recorded Land Title Records, USGS 7.5 Minute Topographic Maps, Local Street Directories, Building Department Records, Zoning/Land Use Records, and Other Historical Sources.

#### **1.2.2 Current Property Use**

Building permits and city directories are researched in order to determine current and past tenants. In addition, the site contact is interviewed regarding tenant uses.

Aerial photographs are purchased and reviewed in order to research potentially significant historical features and site history. The aerial photographs are magnified in order to review in detail.

Hazardous materials are inventoried during the site inspection. In addition, the site contact is interviewed regarding the use, disposal, treatment, storage, or emission of hazardous materials at the subject property.

## **1.2 Property Use**

### **1.2.3 Current and Historical Regulatory Review for the Subject Site**

#### **a). Regulatory Lists**

An environmental database report is ordered and reviewed in order to investigate if the subject site is listed as a RCRA TSD facility or hazardous waste generator, or is listed on NPL, CERCLIS, SWIS, LUST, ERNS, Cal-Sites, or similar federal, state, or local regulatory lists.

#### **b). Permits, licenses, registrations, etc.**

Environmental permits are reviewed during the site inspection.

#### **c). Compliance**

Environmental regulatory agencies are contacted to find information which might indicate the property has environmental concerns, is not in compliance with current regulations, or has been indicated as a violator of environmental regulations in the past. To the extent possible within the defined scope of investigations, the property is observed for general environmental compliance issues during completion of the assessment.

### **1.2.4 Review of Title Documents**

If requested, a 50-year Chain-of-Title is ordered and reviewed in order to research owners or tenants suspected of environmentally sensitive operations, deed restrictions, environmental liens, reservation of mineral rights, underground pipeline easements, and other environmental issues relating to title.

## **1.3 Geology**

#### **a) Surface**

Topographic maps are researched in order to obtain direction of slope and USGS soil survey reports are reviewed to determine the soil type and permeability.

#### **b) Sub-surface**

USGS soil survey reports are reviewed to determine the type and depth of sub-surface soils anticipated at the site.

## **1.4 Hydrology**

Groundwater contour maps and topographic maps are used to research direction of groundwater. In addition, a city water department engineer is contacted regarding groundwater depth, direction of flow, gradient, nature of aquifer, use of aquifer, nearest domestic wells, and perched water bearing zones.

## **1.5 Non-CERCLA Issues**

### **1.5.1 Asbestos**

If requested, an asbestos survey is conducted on the subject property. On-site buildings are inspected for the presence of suspect asbestos containing materials (ACM). Bulk samples are collected by an EPA accredited asbestos building inspector following EPA guidelines. The bulk samples are submitted to a NVLAP approved laboratory for testing.

### **1.5.2 Lead Paint**

If requested, a lead paint survey is conducted on the subject property. On-site buildings are inspected for the presence of suspect lead based paint. Bulk samples are collected and submitted to an ELAP approved laboratory for testing.

### **1.5.3 Lead in Water**

If requested, drinking water samples are collected for residential, educational and convalescent facilities. The water samples are collected from each location at first draw, 30 seconds and 5 minutes, with 30 second and 5 minute samples archived for and analyzed only if results of the first draw sample exceed 15 ppb.

### **1.5.4 Radon**

If requested, radon testing is conducted on the subject property. A radon canister is set-up on the lowest level of the on-site building. The radon canister is later submitted to an approved laboratory for testing. If radon is not requested, the subject property's area zip code is researched in published radon documents.

### **1.5.5 PCB's**

Suspect PCB containing equipment (transformers, light ballasts, elevator hydraulic oil, etc.) are noted during the site reconnaissance. The local utility company/manufacture is contacted regarding PCB information.

## **1.6 Other**

Other information derived from previous investigations which relates to environmental conditions or liabilities associated with the subject site is described.

## **1.7 Environmental Issues**

Environmental issues discovered during the site investigation are described.

## **2.0 Surrounding Properties**

### **2.1 Description**

#### **2.1.1 Historical Use**

Sanborn Maps, aerial photographs, and city directories are reviewed in order to research present and historical property uses associated with adjacent properties and potential environmental hazards.

#### **2.1.2 Current Use**

An adjacent property site reconnaissance is conducted in order to research current property uses at sites in the area and to determine if the sites may impact environmental conditions at the subject site.

### **2.2 Regulatory Review**

An environmental database report is ordered and reviewed in order to investigate if any sites within the search area are listed as a RCRA TSD facility or hazardous waste generator, or are listed on NPL, CERCLIS, SWIS, LUST, ERNS, Cal-Sites, or similar federal, state, or local regulatory lists.

### **2.3 Other**

Other information derived from previous investigations which relates to environmental conditions or liabilities associated with the surrounding area is described.

## **3.0 Analysis and Conclusions**

Based upon information ascertained from the site assessment, conclusions are made relating to environmental concerns on the subject property and/or off-site properties which may have a potential to impact the subject property.

**APPENDIX D**

**References**

(

(

(

**D**

7

## References

Aerial Photos - University of Washington Library 1961,1965,1970,1984, 1995

Assessor Records - Pierce County Assessor's Office

Building permits - City of Tacoma

Building Department Plans - City of Tacoma

City Directories, Tacoma Polk City Directory 1937, 1942, 1951, 1960, 1970, 1980, 1994

Environmental Database Report - EDR INC.

Interviews via telephone and in person:

Mark Blitz, Warehousing Supervisor Fields Corporation, also provided chemical list

Brad Ewy Washington State Department of Ecology

Douglas Granum, Property Owner

Peter Nelson, Environmental Specialist Tacoma-Pierce County Health Department

Phase I Report and Other Letters and Documents, AGRA Ecology and Environment 1994-1996

Records concerning subject property from the files of Peter Nelson Environmental Health Specialist, Tacoma Pierce County Health Department

United States Geological Survey Tacoma North Quadrangle 7.5 Minute Series Topographic Map, 1961, Photo Revised 1966, 1973, 1981, 1994.

E

**APPENDIX E**

**Other Reports**

**APPENDIX E.1**

**EDR Regulatory Report**



## **The EDR-Radius Map with GeoCheck™**

**Warehouse-Industrial  
2150 Taylor Way  
Tacoma, WA 98421**

**Inquiry Number: 197726.1s**

**September 15, 1997**

## ***The Source For Environmental Risk Management Data***

3530 Post Road  
Southport, Connecticut 06490

**Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

2150 TAYLOR WAY  
TACOMA, WA 98421

No mapped sites were found in EDR's search of available ( "reasonably ascertainable ") government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

Dellisted NPL:..... NPL Deletions  
CERC-NFRAP:..... Comprehensive Environmental Response, Compensation, and Liability Information System  
SWF/LF:..... Solid Waste Facilities Handbook  
RAATS:..... RCRA Administrative Action Tracking System  
HMIRS:..... Hazardous Materials Information Reporting System  
ERNS:..... Emergency Response Notification System  
TRIS:..... Toxic Chemical Release Inventory System  
NPL Lien:..... Federal Superfund Liens  
TSCA:..... Toxic Substances Control Act  
MLTS:..... Material Licensing Tracking System  
Air Emissions:..... Washington Emissions Data System  
Coal Gas:..... Former Manufactured gas (Coal Gas) Sites.

Unmapped (orphan) sites are not considered in the foregoing analysis.

### Search Results:

Search results for the subject property and the search radius, are listed below:

### Subject Property:

The subject property was identified in the following government records. For more information on this property see page 9 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
VISADOR CO TACOMA DIV 2150 TAYLOR WAY TACOMA, WA 98421	PADS RCRIS-SQG FINDS	WAD061681086

## EXECUTIVE SUMMARY

### Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold Italics* are in multiple databases.

**NPL:** Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/01/1997 has revealed that there is 1 NPL site within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>USEPA COMMENCEMENT BAY NEARSHORE TIDEFLATS INDUSTRIAL SE</b>		<b>0 - 1/8</b>	<b>0</b>	<b>9</b>

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 04/01/1997 has revealed that there are 7 RCRIS-TSD sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>REICHHOLD CHEM INC</b>	<b>3320 LINCOLN AVE SITE A</b>	<b>1/8 - 1/4 SE</b>	<b>C9</b>	<b>21</b>
<b>PETROLEUM RECLAIMING SERV</b>	<b>3003 TAYLOR WAY</b>	<b>1/2 - 1 SE</b>	<b>31</b>	<b>56</b>
<b>KAISER ALUMINUM &amp; CHEM CORP TA</b>	<b>3400 TAYLOR WAY</b>	<b>1/2 - 1 SE</b>	<b>H38</b>	<b>71</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BURLINGTON ENVIRONMENTAL INC T</b>	<b>1701 E ALEXANDER AVE</b>	<b>1/4 - 1/2 SW</b>	<b>E17</b>	<b>30</b>
<b>SOL PRO INC</b>	<b>1825 ALEXANDER AVE</b>	<b>1/4 - 1/2 SW</b>	<b>E18</b>	<b>33</b>
<b>CLEANCARE CORP</b>	<b>1707 ALEXANDER AVE</b>	<b>1/4 - 1/2 SW</b>	<b>E21</b>	<b>37</b>
<b>LILYBLAD PETROLEUM INC PORT OF</b>	<b>2244 PORT OF TACOMA RD</b>	<b>1/2 - 1 SW</b>	<b>J45</b>	<b>86</b>

**CSCSL:** The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data comes from the Department of Ecology's Confirmed & Suspected Contaminated Sites List.

A review of the CSCSL list, as provided by EDR, and dated 06/09/1997 has revealed that there are 30 CSCSL sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MURRAY PACIFIC LOG SORTING YAR</b>	<b>3502 LINCOLN AVE E</b>	<b>0 - 1/8 SW</b>	<b>A3</b>	<b>12</b>
<b>USG PLANT SITE</b>	<b>2301 TAYLOR WAY</b>	<b>1/8 - 1/4 SE</b>	<b>B6</b>	<b>17</b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>REICHHOLD CHEMICALS, INC</i>	<i>2340 TAYLOR WAY</i>	<i>1/8 - 1/4 SE</i>	<i>C10</i>	<i>22</i>
<i>FIELDS CORP</i>	<i>2240 TAYLOR WAY</i>	<i>1/4 - 1/2 SE</i>	<i>15</i>	<i>29</i>
<i>GENERAL METALS OF TACOMA INC</i>	<i>1902 MARINE VW DR</i>	<i>1/4 - 1/2 E</i>	<i>25</i>	<i>41</i>
<i>ELF ATOCHEM NORTH AMERICA</i>	<i>2901 TAYLOR WAY</i>	<i>1/2 - 1 SE</i>	<i>29</i>	<i>50</i>
<i>ELF ATOCHEM</i>	<i>3009 TAYLOR WAY</i>	<i>1/2 - 1 SE</i>	<i>30</i>	<i>55</i>
<i>PETROLEUM RECLAIMING SERV</i>	<i>3003 TAYLOR WAY</i>	<i>1/2 - 1 SE</i>	<i>31</i>	<i>56</i>
<i>KAISER ALUMINUM TACOMA WORKS</i>	<i>3400 TAYLOR WY</i>	<i>1/2 - 1 SE</i>	<i>H37</i>	<i>69</i>
<i>PUYALLUP LAND SETTLEMENT E</i>	<i>TAYLOR WAY</i>	<i>1/2 - 1 SE</i>	<i>H39</i>	<i>72</i>
<i>LOUISIANA PACIFIC CORPORATION</i>	<i>3701 TAYLOR WAY</i>	<i>1/2 - 1 SE</i>	<i>40</i>	<i>73</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>R W INVESTMENTS</i>	<i>3376 LINCOLN AV</i>	<i>1/8 - 1/4 SW</i>	<i>13</i>	<i>26</i>
<i>BURLINGTON ENVIRONMENTAL INC T</i>	<i>1701 E ALEXANDER AVE</i>	<i>1/4 - 1/2 SW</i>	<i>E17</i>	<i>30</i>
<i>DON OLINE LANDFILL</i>	<i>1801 ALEXANDER AV</i>	<i>1/4 - 1/2 SW</i>	<i>E19</i>	<i>35</i>
<i>SIMON &amp; SONS 1601 TAYLOR WY</i>	<i>1601 TAYLOR WY</i>	<i>1/4 - 1/2 WNW</i>	<i>F22</i>	<i>38</i>
<i>TAYLOR WAY INVESTMENT CORP</i>	<i>1501 TAYLOR WAY</i>	<i>1/4 - 1/2 WNW</i>	<i>26</i>	<i>45</i>
<i>CASCADE TIMBER 1</i>	<i>3626 MARINE VIEW DR</i>	<i>1/2 - 1 NNW</i>	<i>28</i>	<i>48</i>
<i>CONTINENTAL LIME INC</i>	<i>1220 ALEXANDER AVE</i>	<i>1/2 - 1 WNW</i>	<i>32</i>	<i>60</i>
<i>AIRO SERVICE INC</i>	<i>4110 E 11TH ST</i>	<i>1/2 - 1 NW</i>	<i>33</i>	<i>63</i>
<i>TACOMA PORT PARCEL 4</i>	<i>3533 E 11TH ST</i>	<i>1/2 - 1 WNW</i>	<i>G34</i>	<i>66</i>
<i>TACOMA PORT PARCEL 4</i>	<i>3533 E 11TH ST</i>	<i>1/2 - 1 WNW</i>	<i>G35</i>	<i>67</i>
<i>TACOMA PORT PARCEL 4</i>	<i>3533 E 11TH ST</i>	<i>1/2 - 1 WNW</i>	<i>G36</i>	<i>68</i>
<i>RHONE - POULENC BASIC CHEMICAL</i>	<i>2545 LINCOLN AVE</i>	<i>1/2 - 1 SW</i>	<i>I42</i>	<i>76</i>
<i>MURRAY PACIFIC 2</i>	<i>2407 PORT OF TACOMA RD</i>	<i>1/2 - 1 SW</i>	<i>43</i>	<i>80</i>
<i>LILYBLAD PETROLEUM, INC.</i>	<i>2244 PORT OF TACOMA RD</i>	<i>1/2 - 1 SW</i>	<i>J44</i>	<i>83</i>
<i>LINCOLN AV DITCH</i>	<i>PORT OF TACOMA RD / L</i>	<i>1/2 - 1 SW</i>	<i>I46</i>	<i>87</i>
<i>1920 PORT OF TACOMA ROAD, TACO</i>	<i>1920 PORT OF TACOMA RD</i>	<i>1/2 - 1 SW</i>	<i>K47</i>	<i>88</i>
<i>1920 PORT OF TACOMA ROAD, TACO</i>	<i>1920 PORT OF TACOMA RD</i>	<i>1/2 - 1 SW</i>	<i>K48</i>	<i>89</i>
<i>PORT OF TACOMA 721 ALEXANDER</i>	<i>721 ALEXANDER AV</i>	<i>1/2 - 1 WNW</i>	<i>49</i>	<i>90</i>
<i>PRI NORTHWEST INC</i>	<i>709 ALEXANDER AVE</i>	<i>1/2 - 1 WNW</i>	<i>50</i>	<i>92</i>

**CERCLIS:** The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 04/30/1997 has revealed that there are 6 CERCLIS sites within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>USEPA COMMENCEMENT BAY NEARSHORE TIDEFLATS INDUSTRIAL SE</i>		<i>0 - 1/8</i>	<i>0</i>	<i>9</i>
<i>MURRAY PACIFIC LOG SORTING YAR</i>	<i>3502 LINCOLN AVE E</i>	<i>0 - 1/8 SW</i>	<i>A3</i>	<i>12</i>
<i>UNITED STATES GYPSUM COMPANY</i>	<i>2301 TAYLOR WAY</i>	<i>1/8 - 1/4 SE</i>	<i>B7</i>	<i>20</i>
<i>TACOMA BOATBUILDING CO INC</i>	<i>1840 MARINE VW DR</i>	<i>1/4 - 1/2 E</i>	<i>27</i>	<i>47</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>NORTH COAST BOATS INC</i>	<i>1801 ALEXANDER AVE</i>	<i>1/4 - 1/2 SW</i>	<i>E20</i>	<i>36</i>
<i>CASCADE TIMBER LOG SORTING YAR</i>	<i>3002 TAYLOR WAY</i>	<i>1/4 - 1/2 WNW</i>	<i>F23</i>	<i>40</i>

## EXECUTIVE SUMMARY

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/01/1996 has revealed that there are 6 CORRACTS sites within approximately 1 Mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>REICHHOLD CHEM INC</b>	<b>3320 LINCOLN AVE SITE A</b>	<b>1/8 - 1/4SE</b>	<b>C9</b>	<b>21</b>
<b>PETROLEUM RECLAIMING SERV</b>	<b>3003 TAYLOR WAY</b>	<b>1/2 - 1 SE</b>	<b>31</b>	<b>56</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BURLINGTON ENVIRONMENTAL INC T</b>	<b>1701 E ALEXANDER AVE</b>	<b>1/4 - 1/2SW</b>	<b>E17</b>	<b>30</b>
<b>SOL PRO INC</b>	<b>1825 ALEXANDER AVE</b>	<b>1/4 - 1/2SW</b>	<b>E18</b>	<b>33</b>
<b>CLEANCARE CORP</b>	<b>1707 ALEXANDER AVE</b>	<b>1/4 - 1/2SW</b>	<b>E21</b>	<b>37</b>
<b>LILYBLAD PETROLEUM INC PORT OF</b>	<b>2244 PORT OF TACOMA RD</b>	<b>1/2 - 1 SW</b>	<b>J45</b>	<b>86</b>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data comes from the Department of Ecology's Leaking Underground Storage Tanks Site List.

A review of the LUST list, as provided by EDR, and dated 05/01/1997 has revealed that there are 5 LUST sites within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>YARD 1</b>	<b>3502 LINCOLN AVE</b>	<b>0 - 1/8 WNW</b>	<b>A2</b>	<b>12</b>
<b>REICHHOLD CHEM INC</b>	<b>3320 LINCOLN AVE SITE A</b>	<b>1/8 - 1/4SE</b>	<b>C9</b>	<b>21</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>AOL EXPRESS</b>	<b>2000 TAYLOR WAY</b>	<b>0 - 1/8 WNW</b>	<b>4</b>	<b>16</b>
<b>CENEX AG, INC.</b>	<b>1801 TAYLOR WAY</b>	<b>1/8 - 1/4WNW</b>	<b>14</b>	<b>27</b>
<b>PUGET SOUND CHIP CENTER</b>	<b>2340 ALEXANDER AVE</b>	<b>1/4 - 1/2SSW</b>	<b>24</b>	<b>40</b>

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data comes from the Department of Ecology's Statewide UST Site/Tank Report.

A review of the UST list, as provided by EDR, and dated 05/01/1997 has revealed that there are 4 UST sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>YARD 1</b>	<b>3502 LINCOLN AVE</b>	<b>0 - 1/8 WNW</b>	<b>A2</b>	<b>12</b>
<b>THERMAFIBER, LLC</b>	<b>2301 TAYLOR WAY</b>	<b>1/8 - 1/4SE</b>	<b>B5</b>	<b>17</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>ACCURATE PACKAGING CO.</b>	<b>3401 LINCOLN AVE</b>	<b>1/8 - 1/4SW</b>	<b>D11</b>	<b>25</b>
<b>CENEX AG, INC.</b>	<b>1801 TAYLOR WAY</b>	<b>1/8 - 1/4WNW</b>	<b>14</b>	<b>27</b>

## EXECUTIVE SUMMARY

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 04/01/1997 has revealed that there are 3 RCRIS-SQG sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>USEPA COMMENCEMENT BAY NEARSHORE TIDEFLATS INDUSTRIAL SE</b>		<b>0 - 1/8</b>	<b>0</b>	<b>9</b>
<b>UNITED STATES GYPSUM COMPANY</b>	<b>2301 TAYLOR WAY</b>	<b>1/8 - 1/4 SE</b>	<b>B7</b>	<b>20</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MAGNUSON MANAGEMENT INC</b>	<b>3401 LINCOLN AVE</b>	<b>1/8 - 1/4 SW</b>	<b>D12</b>	<b>25</b>

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 04/01/1997 has revealed that there are 3 RCRIS-LQG sites within approximately 0.25 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>MURRAY PACIFIC LOG SORTING YARD</b>	<b>3502 LINCOLN AVE E</b>	<b>0 - 1/8 SW</b>	<b>A3</b>	<b>12</b>
<b>REICHHOLD CHEM INC</b>	<b>3320 LINCOLN AVE SITE A</b>	<b>1/8 - 1/4 SE</b>	<b>C9</b>	<b>21</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>BUFFELEN WOODWORKING CO</b>	<b>1901 TAYLOR WY</b>	<b>1/8 - 1/4 WNW 8</b>		<b>21</b>

**RODS:** Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 03/31/1995 has revealed that there is 1 ROD site within approximately 1 Mile of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>COMMENCEMENT BAY, NEAR SHORE/T</b>	<b>ADJ TO RUSTON WAY &amp; TID</b>	<b>1/2 - 1 SW</b>	<b>41</b>	<b>76</b>

**CONSENT:** Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 11/01/94 has revealed that there is 1 CONSENT site within approximately 1 Mile of the subject property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>COMMENCEMENT BAY, NEAR SHORE/T</b>	<b>ADJ TO RUSTON WAY &amp; TID</b>	<b>1/2 - 1 SW</b>	<b>41</b>	<b>76</b>

## EXECUTIVE SUMMARY

ICR: These are remedial action reports Ecology has received from either the owner or operator of the site. These actions have been conducted without department oversight or approval and are not under an order or decree.

A review of the WA ICR list, as provided by EDR, and dated 03/01/1997 has revealed that there are 3 WA ICR sites within approximately 0.5 Miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL #4218	22633 MARINE VIEW DR.27	1/4 - 1/2NNE	16	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AOL EXPRESS	2000 TAYLOR WAY	0 - 1/8 WNW 4		16
CENEX AG, INC.	1801 TAYLOR WAY	1/8 - 1/4WNW 14		27

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
S TACOMA FIELD (SUPERFUND)	LUST,CSCSL
OCCIDENTAL CHEMICAL MARINE VW	CSCSL
SIMON AND SONS TARPITS	CSCSL
PUYALLUP LAND SETTLEMENT F	CSCSL
USARMY AMSA 137	CERCLIS,RCRIS-SQG,FINDS
UNION PACIFIC RAILROAD TUNNEL	CERCLIS,FINDS
TRANSNATIONAL LEASING	LUST
7343	UST
PACIFIC AUTO WRECKING	UST
WDOE RAS LINCOLN AVE DITCH	RCRIS-SQG,FINDS
TRANS NATL LEASING INC	RCRIS-SQG,FINDS
CONCRETE & STEEL SYSTEMS INC	RCRIS-SQG
TACOMA TRANSNATIONAL LEASING	WA ICR

## TABLE OF CONTENTS

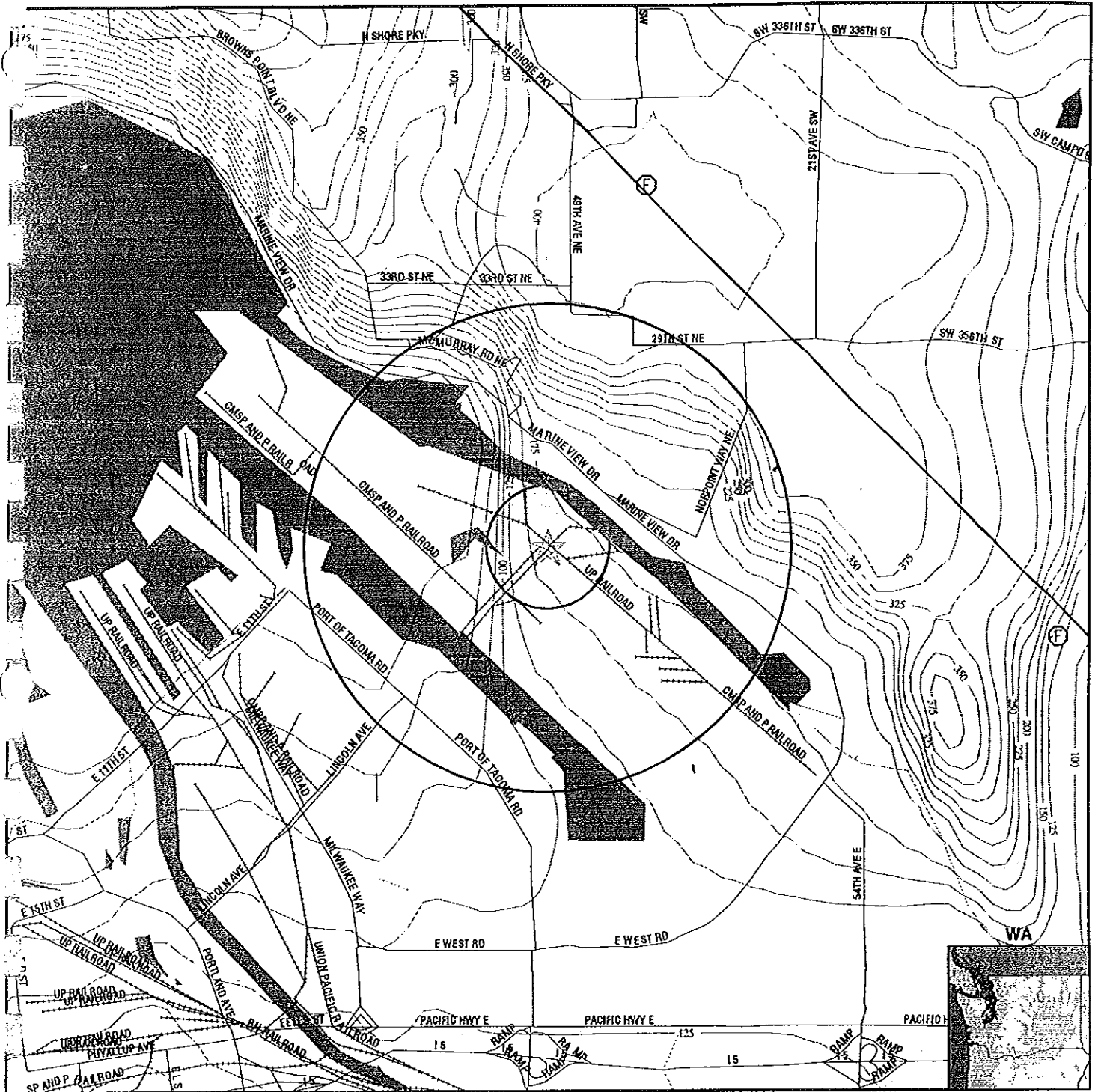
<u>SECTION</u>	<u>PAGE</u>
Executive Summary.....	ES1
Topographic Map.....	2
GeoCheck Summary.....	3
Overview Map.....	5
Detail Map.....	6
Map Summary - All Sites.....	7
Map Summary - Sites with higher or the same elevation as the Target Property.....	8
Map Findings.....	9
Orphan Summary.....	96
 <u>APPENDICES</u>	
GeoCheck Version 2.1.....	A1
EPA Waste Codes.....	A4
Government Records Searched / Data Currency Tracking Addendum.....	A8

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

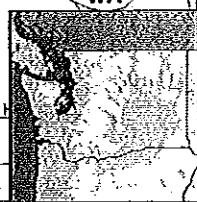
### Disclaimer

This Report contains information obtained from a variety of public sources and EDR makes no representation or warranty regarding the accuracy, reliability, quality, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.  
No warranty of merchantability or of fitness for a particular purpose, expressed or implied, shall apply and EDR specifically disclaims the making of such warranties. In no event shall EDR be liable to anyone for special, incidental, consequential or exemplary damages. Copyright (c) 1997 by EDR. All rights reserved.

# TOPOGRAPHIC MAP - 197726.1s - Hillmann Environmental Co.



- ✓ Major Roads
- Contour Lines
- ~ Waterways
- ⊙ Earthquake epicenter, Richter 5 or greater
- ⊙ Closest Federal Well in quadrant
- ⊙ Closest State Well in quadrant
- ⊙ Closest Public Water Supply Well



<b>TARGET PROPERTY:</b>	Warehouse-Industrial	<b>CUSTOMER:</b>	Hillmann Environmental Co.
<b>ADDRESS:</b>	2150 Taylor Way	<b>CONTACT:</b>	Mr. Mike Kubler
<b>CITY/STATE/ZIP:</b>	Tacoma WA 98421	<b>INQUIRY #:</b>	197726.1s
<b>LAT/LONG:</b>	47.2712 / 122.3828	<b>DATE:</b>	September 15, 1997 10:02 am

# GEOCHECK VERSION 2.1 SUMMARY

## GEOLOGIC AGE IDENTIFICATION†

Geologic Code: Q  
Era: Cenozoic  
System: Quaternary  
Series: Quaternary

## ROCK STRATIGRAPHIC UNIT†

Category: Stratified Sequence

## GROUNDWATER FLOW INFORMATION

*Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡*

General Topographic Gradient: General WSW  
General Hydrogeologic Gradient: No hydrogeologic data available.

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2447122-C4 TACOMA NORTH, WA

## FEDERAL DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>	<u>LITHOLOGY</u>	<u>DEPTH TO WATER TABLE</u>
Northern	1 - 2 Miles	Not Reported	20 ft.
Eastern	>2 Miles	Not Reported	Not Reported

## STATE DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>
NO WELLS FOUND	

## PUBLIC WATER SUPPLY SYSTEM INFORMATION (EPA-FRDS)

Searched by Nearest Well.

NOTE: PWS System location is not always the same as well location.

PWS Name: GREEN ACRES MANOR BOARDING HOM  
5908 VALLEY AVE E  
PUYALLUP, WA 98424

Location Relative to TP: >2 Miles South

Well currently has or has had major violation(s): No

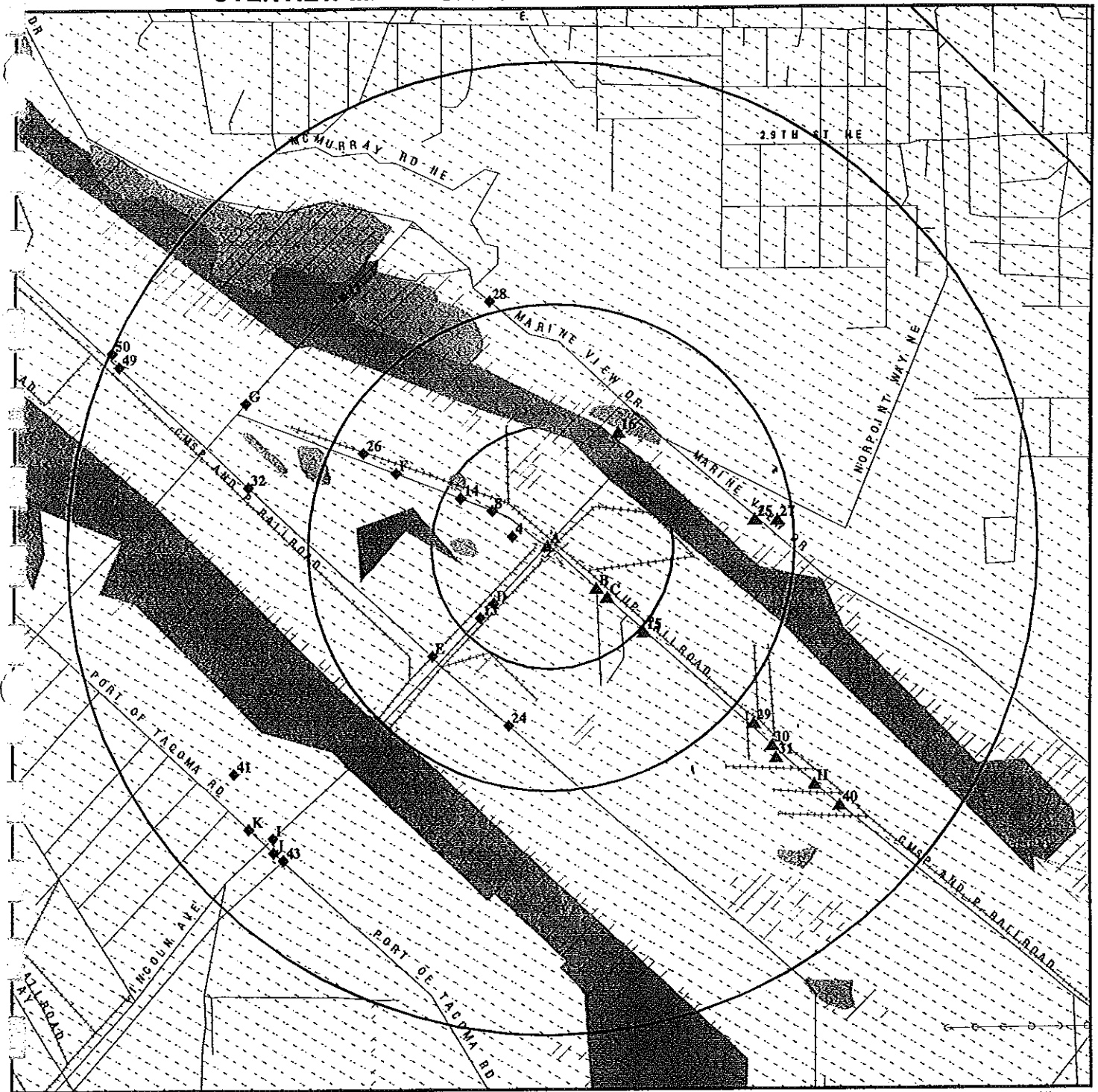
## AREA RADON INFORMATION

EPA Radon Zone for PIERCE County: 3.

Note: Zone 1 indoor average level > 4pCi/L.  
: Zone 2 indoor average level >= 2pCi/L.  
: Zone 3 indoor average level < 2pCi/L.

† Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beckman Map, USGS Digital Data Series DOS - 11 (1994).  
‡ U.S. EPA Ground Water Handbook, Vol I: Ground Water and Contamination, Office of Research and development EPA/625/R-90/016a, Chapter 4, page 78, September 1990.

# OVERVIEW MAP - 197726.1s - Hillmann Environmental Co.



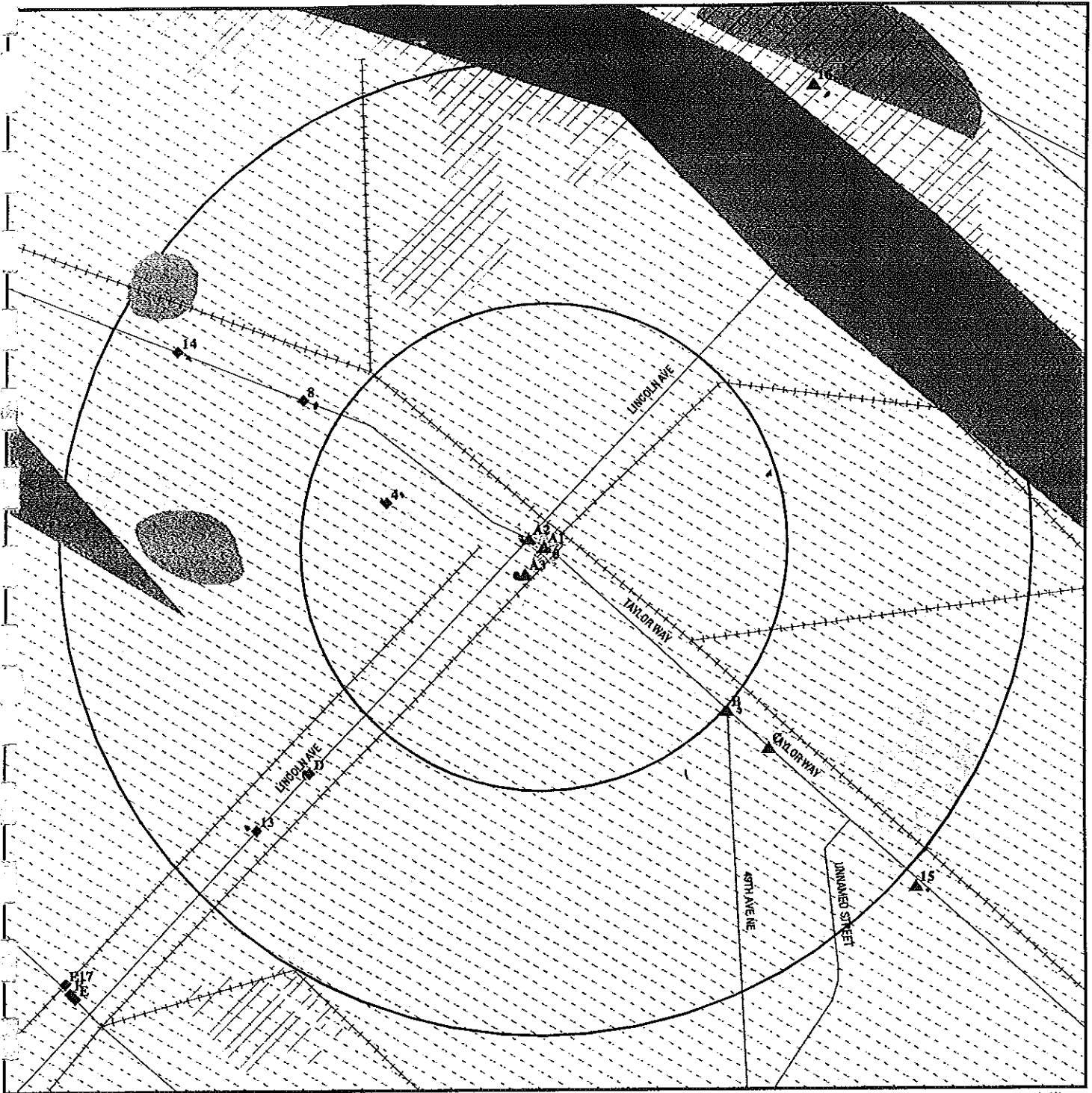
- Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ▶ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Wetlands per National Wetlands Inventory (1994)



TARGET PROPERTY:	Warehouse-Industrial	CUSTOMER:	Hillmann Environmental Co.
ADDRESS:	2150 Taylor Way	CONTACT:	Mr. Mike Kubler
CITY/STATE/ZIP:	Tacoma WA 98421	INQUIRY #:	197726.1s
LAT/LONG:	47.2712 / 122.3828	DATE:	September 15, 1997 9:57 am

# DETAIL MAP - 197726.1s - Hillmann Environmental Co.



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites (if requested)
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands per National Wetlands Inventory (1994)



<p><b>TARGET PROPERTY:</b> Warehouse-Industrial  <b>ADDRESS:</b> 2150 Taylor Way  <b>CITY/STATE/ZIP:</b> Tacoma WA 98421  <b>LAT/LONG:</b> 47.2712 / 122.3828</p>	<p><b>CUSTOMER:</b> Hillmann Environmental Co.  <b>CONTACT:</b> Mr. Mike Kubler  <b>INQUIRY #:</b> 197726.1s  <b>DATE:</b> September 15, 1997 10:00 am</p>
---	--

## MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	1	0	0	0	NR	1
Delisted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		1.000	0	1	3	3	NR	7
CSCSL		1.000	1	3	6	20	NR	30
CERCLIS		0.500	2	1	3	NR	NR	6
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	1	3	2	NR	6
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	2	2	1	NR	NR	5
UST		0.250	1	3	NR	NR	NR	4
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	1	2	NR	NR	NR	3
RCRIS Lg. Quan. Gen.		0.250	1	2	NR	NR	NR	3
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS	X	TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	1	NR	1
CONSENT		1.000	0	0	0	1	NR	1
Wa Air Emissions (EMI)		TP	NR	NR	NR	NR	NR	0
WA ICR		0.500	1	1	1	NR	NR	3
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

**MAP FINDINGS SUMMARY SHOWING  
ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP**

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
NPL		1.000	0	0	0	0	NR	0
Dellsted NPL		TP	NR	NR	NR	NR	NR	0
RCRIS-TSD		1.000	0	1	0	2	NR	3
CSCSL		1.000	1	2	2	6	NR	11
CERCLIS		0.500	1	1	1	NR	NR	3
CERC-NFRAP		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	1	0	1	NR	2
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	1	0	NR	NR	2
UST		0.250	1	1	NR	NR	NR	2
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	0	1	NR	NR	NR	1
RCRIS Lg. Quan. Gen.		0.250	1	1	NR	NR	NR	2
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS	X	TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Wa Air Emissions (EMI)		TP	NR	NR	NR	NR	NR	0
WA ICR		0.500	0	0	1	NR	NR	1
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

**MAP FINDINGS**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

<b>A1</b> Target Property	<b>VISADOR CO TACOMA DIV</b> <b>2150 TAYLOR WAY</b> <b>TACOMA, WA 98421</b>	<b>PADS</b> <b>RCRIS-SQG</b> <b>FINDS</b>	<b>1000403240</b> <b>WAD061681086</b>
---------------------------------	---	---	--

RCRIS:  
 Owner: SOUTHLAND CAPITAL PARTNERS I LTD  
 Record Date: 08/31/87  
 Classification: Not reported  
 Used Oil Recyc: No  
 Violation Status: No violations found

FINDS:  
 Other Pertinent Environmental Activity Identified at Site:  
 - Facility is a PCB generator, storer, transporter or permitted disposer (under PADS)

<b>NPL</b> Region	<b>USEPA COMMENCEMT BAY NEARSHORE TIDEFLATS</b> <b>TIDEFLATS INDUSTRIAL SEC</b> <b>TACOMA, WA 98422</b>	<b>CERCLIS</b> <b>RCRIS-SQG</b> <b>NPL</b>	<b>1000297462</b> <b>WAD980726368</b>
----------------------	---	--	--

CERCLIS Classification Data:  
 Site Incident Category: OTHER  
 Ownership Status: MIXED OWNERSHIP  
 EPA Notes: SITE HAD HEAVY INDUSTRY SUCH AS ALUMINUM PROCESSING, CHEMICAL, PULP & PAPER, & PRIMARY SMELTING CONTAMINATION OF WATERWAYS & LAND AREAS OF TIDE FLATS. WAS ORIGINALLY PART OF ONE SITE CALLED COMMENCEMENT BAY, WHICH IS NOW 2 SITES.

Federal Facility: NO  
 NPL Status: CURRENTLY ON THE FINAL NPL

CERCLIS Assessment History:

Assessment:	HAZARD RANKING DETERMINED	Completed:	12/08/82
Assessment:	SCREENING SITE INSPECTION	Completed:	12/01/82
Assessment:	SCREENING SITE INSPECTION	Completed:	12/01/82
Assessment:	DISCOVERY	Completed:	11/01/79
Assessment:	PRELIMINARY ASSESSMENT	Completed:	11/01/79
Assessment:	FINAL LISTING ON NPL	Completed:	09/08/83
Assessment:	PROPOSAL TO NPL	Completed:	10/23/81
Assessment:	REMOVAL INVESTIGATION	Completed:	07/02/90
Assessment:	PARTIAL NPL DELETION	Completed:	10/29/96
Assessment:	COMBINED RI/FS	Completed:	09/30/89
Assessment:	REMEDIAL COMMUNITY RELATIONS	Completed:	04/13/83
Assessment:	GEOPHYSICAL SUPPORT/MAPPING	Completed:	Not reported
Assessment:	RECORD OF DECISION	Completed:	09/30/89
Assessment:	MANAGEMENT ASSISTANCE	Completed:	Not reported
Assessment:	MANAGEMENT ASSISTANCE	Completed:	Not reported
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	REMOVAL INVESTIGATION	Completed:	07/25/91
Assessment:	REMEDIAL DESIGN	Completed:	Not reported
Assessment:	REMEDIAL ACTION	Completed:	Not reported
Assessment:	MANAGEMENT ASSISTANCE	Completed:	Not reported
Assessment:	REMEDIAL DESIGN	Completed:	09/30/89
Assessment:	REMEDIAL ACTION	Completed:	09/28/90
Assessment:	REMEDIAL DESIGN	Completed:	12/06/91
Assessment:	REMEDIAL ACTION	Completed:	09/23/94
Assessment:	REMEDIAL DESIGN	Completed:	03/03/93
Assessment:	REMEDIAL ACTION	Completed:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

USEPA COMMENCEMENT BAY NEARSHORE TIDEFLATS (Continued)

1000297462

Assessment:	REMEDIAL DESIGN	Completed:	05/19/93
Assessment:	REMEDIAL ACTION	Completed:	Not reported
Assessment:	COMBINED RI/FS	Completed:	09/30/89
Assessment:	RECORD OF DECISION	Completed:	09/30/89
Assessment:	REMOVAL INVESTIGATION	Completed:	07/25/91
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	REMEDIAL DESIGN	Completed:	08/03/95
Assessment:	REMEDIAL ACTION	Completed:	Not reported
Assessment:	REMEDIAL DESIGN	Completed:	07/19/95
Assessment:	REMEDIAL ACTION	Completed:	Not reported
Assessment:	REMEDIAL DESIGN	Completed:	07/01/93
Assessment:	REMEDIAL ACTION	Completed:	Not reported
Assessment:	REMEDIAL ACTION	Completed:	Not reported
Assessment:	REMEDIAL DESIGN	Completed:	02/25/94
Assessment:	REMEDIAL DESIGN	Completed:	03/11/92
Assessment:	REMEDIAL ACTION	Completed:	06/30/93
Assessment:	REMEDIAL DESIGN	Completed:	10/07/93
Assessment:	REMEDIAL ACTION	Completed:	Not reported
Assessment:	REMEDIAL DESIGN	Completed:	Not reported
Assessment:	REMEDIAL DESIGN	Completed:	Not reported
Assessment:	REMOVAL ACTION	Completed:	02/13/92
Assessment:	TECHNICAL ASSISTANCE	Completed:	03/20/92
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	REMOVAL INVESTIGATION	Completed:	07/25/91
Assessment:	REMOVAL ACTION	Completed:	01/20/95
Assessment:	FEASIBILITY STUDY	Completed:	11/09/92
Assessment:	FEASIBILITY STUDY	Completed:	10/04/94
Assessment:	REMOVAL INVESTIGATION	Completed:	07/25/91
Assessment:	RECORD OF DECISION	Completed:	Not reported
Assessment:	FEASIBILITY STUDY	Completed:	Not reported
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	TECHNICAL ASSISTANCE	Completed:	Not reported
Assessment:	REMOVAL ACTION	Completed:	02/10/88
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/93
Assessment:	COMBINED RI/FS	Completed:	03/24/95
Assessment:	REMEDIAL COMMUNITY RELATIONS	Completed:	Not reported
Assessment:	RECORD OF DECISION	Completed:	03/24/95
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	REMOVAL INVESTIGATION	Completed:	09/17/90
Assessment:	REMOVAL INVESTIGATION	Completed:	07/25/91
Assessment:	MANAGEMENT ASSISTANCE	Completed:	Not reported
Assessment:	COMBINED RI/FS	Completed:	12/31/90
Assessment:	RECORD OF DECISION	Completed:	12/31/90
Assessment:	REMOVAL INVESTIGATION	Completed:	07/25/91
Assessment:	ADMINISTRATIVE RECORD	Completed:	05/05/92
Assessment:	COMBINED RI/FS	Completed:	06/16/93
Assessment:	REMOVAL INVESTIGATION	Completed:	07/16/91
Assessment:	EXPEDITED RESPONSE ACTION	Completed:	03/07/94
Assessment:	OTHER EVENT (SPECIFY)	Completed:	Not reported
Assessment:	REMEDIAL COMMUNITY RELATIONS	Completed:	Not reported
Assessment:	RECORD OF DECISION	Completed:	06/16/93
Assessment:	BASELINE RISK ASSESSMENT	Completed:	Not reported
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/93
Assessment:	TECHNICAL ASSISTANCE	Completed:	02/04/93
Assessment:	ADMINISTRATIVE RECORD	Completed:	06/25/93
Assessment:	REMEDIAL ACTION	Completed:	08/31/94

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**USEPA COMMENCEMENT BAY NEARSHORE TIDEFLATS (Continued)**

1000297462

Assessment:	MANAGEMENT ASSISTANCE	Completed:	Not reported
Assessment:	COMBINED RI/FS	Completed:	11/01/84
Assessment:	REMEDIAL COMMUNITY RELATIONS	Completed:	Not reported
Assessment:	RECORD OF DECISION	Completed:	12/30/87
Assessment:	ADMINISTRATIVE RECORD	Completed:	12/31/87
Assessment:	REMEDIAL INVESTIGATION	Completed:	12/30/87
Assessment:	MANAGEMENT ASSISTANCE	Completed:	08/31/93
Assessment:	COMBINED RI/FS	Completed:	12/30/87
Assessment:	MANAGEMENT ASSISTANCE	Completed:	Not reported
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported
Assessment:	ADMINISTRATIVE RECORD	Completed:	Not reported

**CERCLIS Site Status:**

This site is currently under investigation by the government to assess the extent of further action

**CERCLIS Alias Name(s):**

COMMENCEMENT BAY - NEARSHORE/TIDEFLATS

**NPL:**

ID:	10WA004
Date Listed:	9/08/83 (FINAL)
EPA/ID:	WAD980726368
Haz. Rank Score:	42.20
Status:	LISTED ON NPL
Rank:	438
Group:	9
Ownership:	Private
Permit:	Not reported
Site Activities:	Spill
Site Activities:	Outfall, Surface Water
Site Condition:	Contam. Ground Water
Waste Type:	Metals
Waste Type:	Solvents
Waste Form:	Not reported
Contaminant:	Media Affected:
1,1,2-TRICHLOROETHYLENE (TCE)	Ground and Surface Water
CARBON TETRACHLORIDE	Ground and Surface Water
TETRACHLOROETHANE, NOS	Ground and Surface Water
CHLOROFORM	Ground and Surface Water
HEXACHLOROETHANE	Ground Water
SODIUM CHLORIDE	Ground Water
HEAVY METALS, NOS	Ground Water
ARSENIC	Surface Water and Air
CHROMIUM AND COMPOUNDS, NOS (CR)	Surface Water
MERCURY	Surface Water
HYDROCARBONS, NOS	Surface Water
1,2-DICHLOROETHANE	Surface Water
Distance to nearest Population:	Not reported
Population within a 1 Mile Radius:	Not reported
Population within a 2 Mile Radius:	Not reported
Population within a 4 Mile Radius:	More than 10,000 People
Vertical Distance to Aquifer:	Not reported
Ground Water Use:	Not Used, but usable for Commercial and Industrial
Distance to nearest Surface Water:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

**USEPA COMMENCEMENT BAY NEARSHORE TIDEFLATS (Continued)**

1000297462

RCRIS:  
Owner: USEPA & CONTRACTORS  
Record Date: 08/26/88  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: No violations found

A2  
WNW  
< 1/8  
Higher

**YARD 1**  
3502 LINCOLN AVE  
TACOMA, WA 98421

UST  
LUST

U001126284  
N/A

LUST:  
Facility ID: 10300 Ecology Region: South Western  
Release Date: 4/13/92 0:00:00 Release ID: 3528  
Release Status: REPORTED CLEANED UP Status Date: 9/1/95 0:00:00  
Affected Media: SOIL Region: STATE  
  
Facility ID: 10300 Ecology Region: South Western  
Release Date: 4/13/92 0:00:00 Release ID: 3528  
Release Status: CLEANUP STARTED Status Date: 4/13/92 0:00:00  
Affected Media: SOIL Region: STATE

UST:  
Facility ID: 10300 Tank ID: 1  
Install Date: 1/1/76 Status: Removed  
Capacity: Not reported Tank Material: Steel-Unprotected  
Compartment #: 1 Substance: Not reported  
Ecology Region: South Western

A3  
SW  
< 1/8  
Higher

**MURRAY PACIFIC LOG SORTING YARD**  
3502 LINCOLN AVE E  
TACOMA, WA 98421

CERCLIS  
FINDS  
RCRIS-LQG  
CSCSL

1000354119  
WAD089335160

CERCLIS Classification Data:  
Site Incident Category: Not reported Federal Facility: NO  
Ownership Status: INDIAN LANDS NPL Status: A  
EPA Notes: 10 ACRE SITE IS LOCATED ON THE S BANK OF THE HYLEBOS WATER WAY

CERCLIS Assessment History:  
Assessment: DISCOVERY Completed: 02/27/85  
Assessment: SCREENING SITE INSPECTION Completed: 11/12/87  
Assessment: PRELIMINARY ASSESSMENT Completed: 11/12/87

CERCLIS Site Status:  
This site is currently under investigation by the government to assess the extent of further action

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**MURRAY PACIFIC LOG SORTING YARD (Continued)**

1000354119

**RCRIS:**

Owner: MURRAY PACIFIC CORP  
Record Date: 09/20/88  
Classification: Large Quantity Generator

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

Waste	Quantity (Lbs)
D004	2800.00

Used Oil Recyc: No

Violation Status: No violations found

**SHWS:**

Facility ID: 1210  
Facility Status: CONSTRUCTION COMPLETE  
Flag: STATE/HSL  
Rank: 1  
Responsible Unit: SOUTHWEST  
Ecology Site Status relative to the MTCA cleanup process:  
Remedial Action Completed, Confirmational Monitoring Underway  
Independent Site Status - those sites undergoing an independent cleanup:  
Not reported  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
1 - Greatest assessed risk to human health and to the environment  
Affected Media: Groundwater  
Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**MURRAY PACIFIC LOG SORTING YARD (Continued)**

**1000354119**

Facility ID: 1210  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action Completed, Confirmational Monitoring Underway  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Sediment  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Treated, removed, or contained
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**MURRAY PACIFIC LOG SORTING YARD (Continued)**

1000354119

Facility ID: 1210  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action Completed, Confirmational Monitoring Underway  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**MURRAY PACIFIC LOG SORTING YARD (Continued)**

1000354119

Facility ID: 1210  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action Completed, Confirmational Monitoring Underway  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

4  
WNW  
< 1/8  
Lower

**AOL EXPRESS**  
**2000 TAYLOR WAY**  
**TACOMA, WA 98422**

WA ICR  
LUST

S101010511  
N/A

**LUST:**

Facility ID:	200469	Ecology Region:	South Western
Release Date:	6/1/90 0:00:00	Release ID:	2947
Release Status:	AWAITING CLEANUP	Status Date:	6/1/90 0:00:00
Affected Media:	GROUND WATER	Region:	STATE
Facility ID:	200469	Ecology Region:	South Western
Release Date:	6/1/90 0:00:00	Release ID:	2947
Release Status:	AWAITING CLEANUP	Status Date:	6/1/90 0:00:00
Affected Media:	SOIL	Region:	STATE

**MAP FINDINGS**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

**AOL EXPRESS (Continued)**

**S101010511**

**WA ICR:**

Date Ecology Received Report: 02/19/1992  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater, Soil  
 Cause of Contamination: Tank  
 Region: South Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 92-18

Date Ecology Received Report: 09/30/1992  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater  
 Cause of Contamination: Tank  
 Region: South Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 92-35

Date Ecology Received Report: 01/18/1994  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater  
 Cause of Contamination: Tank  
 Region: South Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 93-17

**B5  
SE  
1/8-1/4  
Higher**

**THERMAFIBER, LLC  
2301 TAYLOR WAY  
TACOMA, WA 98421**

**UST**

**U003026675  
N/A**

**UST:**

Facility ID: 3464  
 Install Date: 11/30/83  
 Capacity: Not reported  
 Compartment #: 1  
 Ecology Region: South Western

Tank ID: 1  
 Status: OPERATIONAL  
 Tank Material: Not reported  
 Substance: Not reported

Facility ID: 3464  
 Install Date: 12/15/79  
 Capacity: Not reported  
 Compartment #: 1  
 Ecology Region: South Western

Tank ID: 2  
 Status: REMOVED  
 Tank Material: Not reported  
 Substance: LEADED GASOLINE

**B6  
SE  
1/8-1/4  
Higher**

**USG PLANT SITE  
2301 TAYLOR WAY  
TACOMA, WA 98421**

**CSCSL**

**S101856141  
N/A**

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**USG PLANT SITE (Continued)**

**S101856141**

**SHWS:**

Facility ID: 1260  
 Facility Status: RA IN PROGRESS  
 Flag: STATE/HSL  
 Rank: 0  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported

WARM Bin Number Indicates the outcome of the Washington Ranking Model (WARM):  
 Site is either on the federal National Priorities List (NPL) or a sub-site or operable unit of an NPL site. NPL sites are ranked under the federal Hazard Ranking System (HRS)

Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**USG PLANT SITE (Continued)**

**S101856141**

Facility ID: 1260  
 Facility Status: RA IN PROGRESS  
 Flag: STATE/HSL  
 Rank: 0  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Site is either on the federal National Priorities List (NPL) or a sub-site or operable  
     unit of an NPL site. NPL sites are ranked under the federal Hazard Ranking System  
     (HRS)  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**USG PLANT SITE (Continued)**

**S101856141**

Facility ID: 1260  
 Facility Status: RA IN PROGRESS  
 Flag: STATE/HSL  
 Rank: 0  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Site is either on the federal National Priorities List (NPL) or a sub-site or operable  
     unit of an NPL site. NPL sites are ranked under the federal Hazard Ranking System  
     (HRS)  
 Affected Media: Surface Water  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**B7  
SE  
1/8-1/4  
Higher**

**UNITED STATES GYPSUM COMPANY  
2301 TAYLOR WAY  
TACOMA, WA 98421**

**CERCLIS 1000399485  
RCRIS-SQG WAD009242025  
FINDS  
TSCA**

**CERCLIS Classification Data:**

Site Incident Category: Not reported      Federal Facility: NO  
 Ownership Status: INDIAN LANDS      NPL Status: A  
 EPA Notes: Not reported

**CERCLIS Assessment History:**

Assessment: PRELIMINARY ASSESSMENT      Completed: 02/04/86  
 Assessment: DISCOVERY      Completed: 08/18/80  
 Assessment: PRELIMINARY ASSESSMENT      Completed: 12/07/88

**CERCLIS Site Status:**

This site is currently under investigation by the government to assess the extent of further action

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site \_\_\_\_\_ Database(s) \_\_\_\_\_ EDR ID Number  
EPA ID Number

**UNITED STATES GYPSUM COMPANY (Continued)**

1000399485

**RCRIS:**

Owner: U S GYPSUM CO

Record Date: 08/19/80

Classification: Not reported

Used Oil Recyc: No

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

8  
WNW  
1/8-1/4  
Lower

**BUFFELEN WOODWORKING CO**  
1901 TAYLOR WY  
TACOMA, WA 98421

**FINDS** 1000228175  
**RCRIS-LQG** WAD009260050

**RCRIS:**

Owner: BUFFELEN WOODWORKING CO

Record Date: 03/06/87

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

- Facility has an active water discharge permit (under PCS)
- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)
- Civil judicial and administrative enforcement case against facility (under DOCKET)

C9  
SE  
1/8-1/4  
Higher

**REICHHOLD CHEM INC**  
3320 LINCOLN AVE SITE A  
TACOMA, WA 98421

**FINDS** 1000170790  
**RCRIS-LQG** WAD009252891  
**RCRIS-TSD**  
**RAATS**  
**CORRACTS**  
**CERC-NFRAP**  
**LUST**

**CERCLIS-NFRAP Classification Data:**

Site Incident Category: Not reported  
Ownership Status: INDIAN LANDS  
EPA Notes: Not reported

Federal Facility: NO  
NPL Status: NOT ON NPL

**CERCLIS-NFRAP Assessment History:**

Assessment: DISCOVERY  
Assessment: PRELIMINARY ASSESSMENT  
Assessment: PRELIMINARY ASSESSMENT

Completed: 07/01/79  
Completed: 12/01/79  
Completed: 09/02/88

**CERCLIS-NFRAP Alias Name(s):**

REICHHOLD CHEM INC

**CORRACTS Data:**

Prioritization: High  
Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA Facility Investigation, RFI Imposition, RFI Workplan Approved, RCRA Facility Investigation Approved, Stabilization Measures Evaluation, CMS Workplan Approved, Corrective Measure Study Approved, Date for Remedy Selection (CM Imposed), Corrective Measures Design Approved, Corrective Measures Investigation Workplan Approved, Certification of Remedy Completion (CMI), Stabilization Measures Implemented, Stabilization Construction Completed

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**REICHHOLD CHEM INC (Continued)**

1000170790

**RCRIS Corrective Action Summary:**

Effective Date: 12/04/88  
Legal Authority: RCRA 3004(u) or equivalent

**RCRIS:**

Owner: REICHHOLD CHEMICALS INC.  
(206) 572-5600

Record Date: 10/19/84

Classification: Large Quantity Generator, TSD, Hazardous Waste Transporter

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	447.00	D007	7.00
D008	7.00	F021	355860.00

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: Violations exist

There are 5 compliance/violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	TSD-Groundwater Monitoring Requirements	06/12/87
	TSD-Closure/Post Closure Requirements	06/12/87
	TSD-Financial Responsibility Requirements	06/12/87
	TSD-Other Requirements	06/12/87
	TSD-Groundwater Monitoring Requirements	06/12/87
Compliance Groundwater Monitoring Evaluation (CME)	TSD-Groundwater Monitoring Requirements	06/12/87
Compliance Groundwater Monitoring Evaluation (CME)	TSD-Groundwater Monitoring Requirements	07/04/94
Compliance Evaluation Inspection (CEI)	TSD-Groundwater Monitoring Requirements	07/04/94
	TSD-Closure/Post Closure Requirements	07/04/94
	TSD-Financial Responsibility Requirements	11/04/88
	TSD-Other Requirements	11/04/88
	TSD-Other Requirements	07/04/94
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	07/04/94

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

- Facility has an active water discharge permit (under PCS)
- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

**LUST:**

Facility ID: 200890	Ecology Region: South Western
Release Date: 6/29/90 0:00:00	Release ID: 1407
Release Status: REPORTED CLEANED UP	Status Date: 7/10/90 0:00:00
Affected Media: SOIL	Region: STATE
Facility ID: 200890	Ecology Region: South Western
Release Date: 6/29/90 0:00:00	Release ID: 1407
Release Status: CLEANUP STARTED	Status Date: 6/29/90 0:00:00
Affected Media: SOIL	Region: STATE

C10  
SE  
1/8-1/4  
Higher

REICHHOLD CHEMICALS, INC  
2340 TAYLOR WAY  
TACOMA, WA 98421

FINDS 1000974104  
CSCSL WA0000613091

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

REICHHOLD CHEMICALS, INC (Continued)

1000974104

SHWS:

Facility ID: 211  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: EPA  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Drinking Water  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
                     or manufacturing processes, certain contaminants are suspected to be present at the  
                     site  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Suspected to be present  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EOR ID Number  
EPA ID Number

**REICHHOLD CHEMICALS, INC (Continued)**

**1000974104**

Facility ID: 211  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: EPA  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Confirmed above MTCA cleanup levels
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID Direction Distance Elevation	Site	Database(s)	EOR ID Number EPA ID Number
--	------	-------------	--------------------------------

**REICHHOLD CHEMICALS, INC (Continued)**

1000974104

Facility ID: 211  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: EPA  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Confirmed above MTCA cleanup levels  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Suspected to be present  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

D11  
SW  
1/8-1/4  
Lower

**ACCURATE PACKAGING CO.**  
3401 LINCOLN AVE  
TACOMA, WA 98421

UST

U000587243  
N/A

UST:

Facility ID: 2031	Tank ID: 1.
Install Date: 12/31/64	Status: Exempt
Capacity: Not reported	Tank Material: Not reported
Compartment #: 1	Substance: Not reported
Ecology Region: South Western	

D12  
SW  
1/8-1/4  
Lower

**MAGNUSON MANAGEMENT INC**  
3401 LINCOLN AVE  
TACOMA, WA 98421

RCRIS-SQG  
FINDS

1000323317  
WAD988470951

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAGNUSON MANAGEMENT INC (Continued)**

1000323317

**RCRIS:**

Owner: SIMPSON FAMILY TRUST  
Record Date: 10/10/89  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: No violations found

13  
SW  
1/8-1/4  
Lower

**R W INVESTMENTS**  
3376 LINCOLN AV  
TACOMA, WA 98421

CSCSL

S101189782  
N/A

**SHWS:**

Facility ID: 1365  
Facility Status: INDEPENDENT RA  
Flag: STATE/HSL  
Rank: 3  
Responsible Unit: SOUTHWEST  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Release report received, awaiting assessment by Potentially Liable Person (PLP)  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
3 - Moderate assessed risk to human health and to the environment  
Affected Media: Groundwater  
Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**R W INVESTMENTS (Continued)**

**S101189782**

Facility ID: 1365  
 Facility Status: INDEPENDENT RA  
 Flag: STATE/HSL  
 Rank: 3  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Release report received, awaiting assessment by Potentially Liable Person (PLP)  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     3 - Moderate assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

14  
WNW  
1/8-1/4  
Lower

**CENEX AG, INC.**  
**1801 TAYLOR WAY**  
**TACOMA, WA 98421**

**UST**  
**WA ICR**  
**LUST**

**U001123004**  
**N/A**

**LUST:**

Facility ID:	3040	Ecology Region:	South Western
Release Date:	7/15/92 0:00:00	Release ID:	3630
Release Status:	REPORTED CLEANED UP	Status Date:	10/31/94 0:00:00
Affected Media:	GROUND WATER	Region:	STATE
Facility ID:	3040	Ecology Region:	South Western
Release Date:	7/15/92 0:00:00	Release ID:	3630
Release Status:	REPORTED CLEANED UP	Status Date:	10/31/94 0:00:00
Affected Media:	SOIL	Region:	STATE
Facility ID:	3040	Ecology Region:	South Western
Release Date:	7/15/92 0:00:00	Release ID:	3630
Release Status:	CLEANUP STARTED	Status Date:	7/15/92 0:00:00
Affected Media:	SOIL	Region:	STATE
Facility ID:	3040	Ecology Region:	South Western
Release Date:	7/15/92 0:00:00	Release ID:	3630
Release Status:	CLEANUP STARTED	Status Date:	7/15/92 0:00:00
Affected Media:	GROUND WATER	Region:	STATE

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CENEX AG, INC. (Continued)**

U001123004

**WA ICR:**

Date Ecology Received Report: 12/28/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: South Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-40

Date Ecology Received Report: 11/04/1994  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: South Western  
Type of Report Ecology Received: Final cleanup report  
Site Register Issue: 93-37

Date Ecology Received Report: 09/18/1992  
Contaminants Found at Site: Petroleum products  
Media Contaminated: Soil  
Cause of Contamination: Tank  
Region: South Western  
Type of Report Ecology Received: Interim cleanup report  
Site Register Issue: 92-35

**UST:**

Facility ID: 3040  
Install Date: 12/31/64  
Capacity: Not reported  
Compartment #: 1  
Ecology Region: South Western

Tank ID: 5EXEMPT  
Status: Removed  
Tank Material: Not reported  
Substance: Not reported

Facility ID: 3040  
Install Date: 12/31/64  
Capacity: Not reported  
Compartment #: 1  
Ecology Region: South Western

Tank ID: 6EXEMPT  
Status: Removed  
Tank Material: Not reported  
Substance: LEADED GASOLINE

Facility ID: 3040  
Install Date: 12/31/64  
Capacity: Not reported  
Compartment #: 1  
Ecology Region: South Western

Tank ID: 1)DIESEL  
Status: Removed  
Tank Material: Steel-Unprotected  
Substance: Not reported

Facility ID: 3040  
Install Date: 12/31/64  
Capacity: Not reported  
Compartment #: 1  
Ecology Region: South Western

Tank ID: 4EXEMPT  
Status: Removed  
Tank Material: Not reported  
Substance: USED OIL/WASTE OIL

Facility ID: 3040  
Install Date: 12/31/64  
Capacity: 111 to 1,100 Gallons  
Compartment #: 1  
Ecology Region: South Western

Tank ID: 7EXEMPT  
Status: Removed  
Tank Material: Not reported  
Substance: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CENEX AG, INC. (Continued)**

U001123004

Facility ID:	3040	Tank ID:	2)GASOLINE
Install Date:	12/31/64	Status:	Removed
Capacity:	111 to 1,100 Gallons	Tank Material:	Steel-Unprotected
Compartment #:	1	Substance:	LEADED GASOLINE
Ecology Region:	South Western		
Facility ID:	3040	Tank ID:	3)USED OIL
Install Date:	12/31/64	Status:	Removed
Capacity:	111 to 1,100 Gallons	Tank Material:	Steel-Unprotected
Compartment #:	1	Substance:	USED OIL/WASTE OIL
Ecology Region:	South Western		

15  
SE  
1/4-1/2  
Higher

**FIELDS CORP**  
**2240 TAYLOR WAY**  
**TACOMA, WA 98421**

FINDS  
CSCSL

1000850437  
WAD988523783

**SHWS:**

Facility ID: 1331  
Facility Status: Not reported  
Flag: STATE  
Rank: Not reported  
Responsible Unit: SOUTHWEST  
Ecology Site Status relative to the MTCA cleanup process:  
Independent Remedial Action  
Independent Site Status - those sites undergoing an independent cleanup:  
Independent Site Assessment of Interim Remedial Action Report received  
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
Not reported  
Affected Media: Groundwater  
Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Suspected to be present
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIELDS CORP (Continued)**

1000850437

Facility ID: 1331  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

16  
NNE  
1/4-1/2  
Higher

**UNOCAL #4218**  
**22633 MARINE VIEW DR.27TH ST.**  
**DES MOINES, WA 98198**

WA ICR

S102516407  
N/A

WA ICR:  
 Date Ecology Received Report: 02/08/1991  
 Contaminants Found at Site: Petroleum products  
 Media Contaminated: Groundwater  
 Cause of Contamination: Tank  
 Region: North Western  
 Type of Report Ecology Received: Interim cleanup report  
 Site Register Issue: 91-23

E17  
SW  
1/4-1/2  
Lower

**BURLINGTON ENVIRONMENTAL INC TACOMA**  
**1701 E ALEXANDER AVE**  
**TACOMA, WA 98421**

FINDS 1000299436  
 RCRIS-LQG WAD020257945  
 RCRIS-TSD  
 CORRACTS  
 CERC-NFRAP  
 CSCSL

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**BURLINGTON ENVIRONMENTAL INC TACOMA (Continued)**

1000299436

**CERCLIS-NFRAP Classification Data:**

Site Incident Category: Not reported  
Ownership Status: INDIAN LANDS  
EPA Notes: Not reported

Federal Facility: NO  
NPL Status: NOT ON NPL

**CERCLIS-NFRAP Assessment History:**

Assessment: DISCOVERY  
Assessment: PRELIMINARY ASSESSMENT  
Assessment: PRELIMINARY ASSESSMENT

Completed: 11/01/79  
Completed: 08/01/80  
Completed: 06/06/88

**CERCLIS-NFRAP Alias Name(s):**

CHEMPRO TACOMA  
CHEMICAL PROCESSORS INC - ALEXANDER AVE

**CORRACTS Data:**

Prioritization: High  
Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA Facility Investigation, RFI Imposition, RFI Workplan Approved, Stabilization Measures Evaluation

**RCRIS Corrective Action Summary:**

Effective Date: 02/24/92  
Legal Authority: RCRA 3008(h) or equivalent

**RCRIS:**

Owner: BURLINGTON ENV DBA PHILIP ENV INC  
(206) 227-0311

Record Date: 04/22/96

Classification: Large Quantity Generator, TSDF, Hazardous Waste Transporter

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	516080.00	D002	1750460.00
D004	6782480.00	D005	7290220.00
D006	1141360.00	D007	2923240.00
D008	7418380.00	D009	7386640.00
D011	220.00	D018	7060.00
D027	65060.00	D035	220.00
F001	5278180.00	F002	5449240.00
F003	5344280.00	F005	5337800.00
F006	18456680.00	F007	12187280.00
F008	6948800.00	F009	6948800.00
F019	6965100.00		

Used Oil Recyc: Yes

TSDF Activities: burning and/or blending of hazardous waste, marketing to burners of hazardous waste fuel activities, hazardous waste fuel marketing activities, other than generator marketing to a burner, marketing of off-specification used oil, accepts waste from off-site

Violation Status: Violations exist, violations outstanding in the land restrictions area

There are 3 compliance/violation record(s) reported at this site:

Evaluation  
Compliance Evaluation Inspection (CEI)

Area of Violation  
TSD-Other Requirements

Date of Compliance  
10/30/92

**MAP FINDINGS**

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
--------	-----------	----------	-----------	------	-------------	---------------	---------------

**BURLINGTON ENVIRONMENTAL INC TACOMA (Continued)**

1000299436

Operation and Maintenance Inspection (OAM)	TSD-Other Requirements	10/30/92
	TSD-Groundwater Monitoring Requirements	10/30/92
	TSD-Groundwater Monitoring Requirements	10/30/92
	TSD-Groundwater Monitoring Requirements	10/30/92
	TSD-Groundwater Monitoring Requirements	10/30/92
	TSD-Groundwater Monitoring Requirements	10/30/92
	TSD-Groundwater Monitoring Requirements	10/30/92
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	10/30/92
	TSD-Other Requirements	06/30/92
	TSD-Other Requirements	06/30/92

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 - Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

**SHWS:**

Facility ID: 1233  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
 Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
 Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
 2 - Moderate to greatest assessed risk to human health and to the environment  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Confirmed above MTCA cleanup levels  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**MAP FINDINGS**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

**BURLINGTON ENVIRONMENTAL INC TACOMA (Continued)**

1000299436

Facility ID: 1233  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     2 - Moderate to greatest assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Confirmed above MTCA cleanup levels
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Confirmed above MTCA cleanup levels
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

E18  
SW  
1/4-1/2  
Lower

SOL PRO INC  
1825 ALEXANDER AVE  
TACOMA, WA 98421

FINDS 1000139514  
RCRIS-LQG WAD981769110  
RCRIS-TSD  
CORRACTS

**CORRACTS Data:**

Prioritization: Medium  
 Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA  
     Facility Investigation, RFI Imposition, RFI Workplan Approved

**RCRIS Corrective Action Summary:**

Effective Date: 11/23/91  
 Legal Authority: RCRA 3008(h) or equivalent

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOL PRO INC (Continued)**

**1000139514**

**RCRIS:**

Owner: RALPH JEURIS  
Record Date: 08/31/87  
Classification: Large Quantity Generator, TSD, Hazardous Waste Transporter

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	3772700.00	D004	387240.00
D005	469040.00	D006	416540.00
D007	1799880.00	D008	1534640.00
D009	209780.00	D010	334460.00
D011	334460.00	D018	1295660.00
D019	126560.00	D022	126560.00
D026	872800.00	D027	92460.00
D028	92460.00	D035	1553440.00
D036	380.00	D038	878260.00
D039	688720.00	D040	1216080.00
F001	6246200.00	F002	4627260.00
F003	6014460.00	F004	1052500.00
F005	4386940.00	U002	46880.00
U031	16800.00	U080	16800.00
U112	19260.00	U159	27620.00
U161	25780.00	U220	30080.00
U239	46880.00		

Used Oil Recyc: Yes

TSDF Activities: burning and/or blending of hazardous waste, marketing to burners of hazardous waste fuel activities, hazardous waste fuel marketing activities, other than generator marketing to a burner, directing shipments of used oil to burners

Violation Status: Violations exist

There are 4 compliance/violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/15/93
	TSD-Other Requirements	03/15/93
	TSD-Other Requirements	03/15/93
Compliance Evaluation Inspection (CES)	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92
Other Evaluation	TSD-Other Requirements	02/13/92
	TSD-Other Requirements	02/13/92
	TSD-Other Requirements	02/13/92
	TSD-Other Requirements	07/10/91
	TSD-Other Requirements	11/20/91

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site	Database(s)	EDR ID Number EPA ID Number
<b>SOL PRO INC (Continued)</b>		<b>1000139514</b>
Other Evaluation	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92
	Generator-All Requirements	06/09/92

**E19**  
**SW**  
**1/4-1/2**  
**Lower**

**DON OLIVE LANDFILL**  
**1801 ALEXANDER AV**  
**TACOMA, WA 98421**

**CSCSL**

**S100080006**  
**N/A**

**SHWS:**

Facility ID:	1226
Facility Status:	Not reported
Flag:	STATE
Rank:	Not reported
Responsible Unit:	SOUTHWEST
Ecology Site Status relative to the MTCA cleanup process:	Awaiting Site Hazard Assessment (SHA)
Independent Site Status - those sites undergoing an independent cleanup:	Not reported
WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):	Not reported
Affected Media:	Groundwater
Media Status:	S (Suspected) - Due to preliminary investigations or the nature of business operations or manufacturing processes, certain contaminants are suspected to be present at the site
Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Suspected to be present
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**DON OLINE LANDFILL (Continued)**

S100080006

Facility ID: 1226  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Awaiting Site Hazard Assessment (SHA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Suspected to be present  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

E20  
SW  
1/4-1/2  
Lower

**NORTH COAST BOATS INC**  
**1801 ALEXANDER AVE**  
**TACOMA, WA 98421**

**CERCLIS 1000126762**  
**RCRIS-SQG WAD980639645**  
**FINDS**

**CERCLIS Classification Data:**

Site Incident Category: Not reported      Federal Facility: NO  
 Ownership Status: INDIAN LANDS      NPL Status: A  
 EPA Notes: Not reported

**CERCLIS Assessment History:**

Assessment: DISCOVERY      Completed: 11/01/79  
 Assessment: PRELIMINARY ASSESSMENT      Completed: 08/08/86  
 Assessment: SCREENING SITE INSPECTION      Completed: 12/08/88

**CERCLIS Site Status:**

This site is currently under investigation by the government to assess the extent of further action

**CERCLIS Alias Name(s):**

ALEXANDER AV (DON OLINE)  
 CHEMICAL PROCESSORS INC  
 HOOKER CHEM CO - ALEXANDER AV

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH COAST BOATS INC (Continued)**

1000126762

**RCRIS:**

Owner: NICHOLAS JOHNSON  
Record Date: 08/09/88  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: No violations found

E21  
SW  
1/4-1/2  
Lower

**CLEANCARE CORP**  
1707 ALEXANDER AVE  
TACOMA, WA 98421

**FINDS** 1000411140  
**RCRIS-LQG** WAD980738512  
**RCRIS-TSD**  
**RAATS**  
**CORRACTS**

**CORRACTS Data:**

Prioritization: High  
Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA Facility Investigation, RFI Imposition, RFI Workplan Approved, Stabilization Measures Evaluation

**RCRIS Corrective Action Summary:**

Effective Date: 02/24/92  
Legal Authority: RCRA 3008(h) or equivalent

**RCRIS:**

Owner: CLEANCARE CORP  
Record Date: 07/10/96  
Classification: Large Quantity Generator, TSDF, Hazardous Waste Transporter

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	23100.00	D006	15400.00
D007	15400.00	D008	23100.00
D018	31700.00	D039	12200.00
F002	4500.00		

Used Oil Recyc: Yes

**TSDF Activities:** burning and/or blending of hazardous waste, marketing to burners of hazardous waste fuel activities, hazardous waste fuel marketing activities, other than generator marketing to a burner, marketing of off-specification used oil, directing shipments of used oil to burners

Violation Status: Violations exist

There are 3 compliance/violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	05/01/92
Non-Financial Record Review	TSD-Other Requirements	03/25/92
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	07/04/94
	Generator-All Requirements	07/04/94

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CLEANCARE CORP (Continued)**

1000411140

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

- Civil judicial and administrative enforcement case against facility (under DOCKET)

F22  
WNW  
1/4-1/2  
Lower

**SIMON & SONS 1601 TAYLOR WY  
1601 TAYLOR WY  
TACOMA, WA 98421**

CSCSL

S101703291  
N/A

**SHWS:**

Facility ID: 1376  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Sediment  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMON & SONS 1601 TAYLOR WY (Continued)**

**S101703291**

Facility ID: 1376  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMON & SONS 1601 TAYLOR WY (Continued)**

**S101703291**

Facility ID: 1376  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Surface Water  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

F23  
WNW  
1/4-1/2  
Lower

**CASCADE TIMBER LOG SORTING YARD #2**  
**3002 TAYLOR WAY**  
**TACOMA, WA 98421**

**CERCLIS**  
**FINDS**

**1000166148**  
**WAD988466413**

**CERCLIS Classification Data:**

Site Incident Category:	Not reported	Federal Facility:	NO
Ownership Status:	PRIVATE	NPL Status:	A
EPA Notes:	Not reported		

**CERCLIS Assessment History:**

Assessment:	DISCOVERY	Completed:	07/29/88
Assessment:	SCREENING SITE INSPECTION	Completed:	11/12/87
Assessment:	PRELIMINARY ASSESSMENT	Completed:	11/12/87

**CERCLIS Site Status:**

This site is currently under investigation by the government to assess the extent of further action

24  
SSW  
1/4-1/2  
Lower

**PUGET SOUND CHIP CENTER**  
**2340 ALEXANDER AVE**  
**TACOMA, WA 98421**

**UST**  
**LUST**

**U001123349**  
**N/A**

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PUGET SOUND CHIP CENTER (Continued)**

**U001123349**

**LUST:**

Facility ID: 3823	Ecology Region: South Western
Release Date: 2/28/92 0:00:00	Release ID: 3061
Release Status: REPORTED CLEANED UP	Status Date: 3/23/92 0:00:00
Affected Media: SOIL	Region: STATE

Facility ID: 3823	Ecology Region: South Western
Release Date: 2/28/92 0:00:00	Release ID: 3061
Release Status: CLEANUP STARTED	Status Date: 2/28/92 0:00:00
Affected Media: SOIL	Region: STATE

**UST:**

Facility ID: 3823	Tank ID: T-20
Install Date: 12/31/64	Status: Removed
Capacity: Not reported	Tank Material: Steel-Unprotected
Compartment #: 1	Substance: Not reported
Ecology Region: South Western	

25  
East  
1/4-1/2  
Higher

**GENERAL METALS OF TACOMA INC**  
1902 MARINE VW DR  
TACOMA, WA 98422

**RCRIS-SQG 1000214184**  
**FINDS WAD067166397**  
**UST**  
**CSCSL**

**RCRIS:**

Record Date: 03/14/85  
Classification: Not reported  
Used Oil Recyc: No  
Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**GENERAL METALS OF TACOMA INC (Continued)**

1000214184

**SHWS:**

Facility ID: 1227  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action Conducted, residual contamination left on site; on-going institutional controls required  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Confirmed above MTCA cleanup levels
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**GENERAL METALS OF TACOMA INC (Continued)**

1000214184

Facility ID: 1227  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action Conducted, residual contamination left on site; on-going institutional controls required  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Treated, removed, or contained
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**GENERAL METALS OF TACOMA INC (Continued)**

1000214184

Facility ID: 1227  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action Conducted, residual contamination left on site; on-going institutional controls required  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Treated, removed, or contained  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Treated, removed, or contained  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**UST:**

Facility ID: 1110	Tank ID: 1
Install Date: 12/31/64	Status: Closed in Place
Capacity: Not reported	Tank Material: Steel-Unprotected
Compartment #: 1	Substance: Not reported
Ecology Region: South Western	
Facility ID: 1110	Tank ID: 2
Install Date: 12/31/64	Status: Closed in Place
Capacity: Not reported	Tank Material: Steel-Unprotected
Compartment #: 1	Substance: Not reported
Ecology Region: South Western	
Facility ID: 1110	Tank ID: 3
Install Date: 12/31/64	Status: Closed in Place
Capacity: Not reported	Tank Material: Steel-Unprotected
Compartment #: 1	Substance: LEADED GASOLINE
Ecology Region: South Western	

26  
WNW  
1/4-1/2  
Lower

TAYLOR WAY INVESTMENT CORP  
1501 TAYLOR WAY  
TACOMA, WA 98421

RCRIS-SQG 1000290778  
FINDS WAD980982789  
CSCSL

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**TAYLOR WAY INVESTMENT CORP (Continued)**

1000290778

Facility ID: 1223  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 0  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
   Remedial Action Conducted, residual contamination left on site; on-going institutional controls required  
 Independent Site Status - those sites undergoing an independent cleanup:  
   Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
   Site is either on the federal National Priorities List (NPL) or a sub-site or operable unit of an NPL site. NPL sites are ranked under the federal Hazard Ranking System (HRS)  
 Affected Media: Soil  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant medals:	Not reported
Polychlorinated biPhenyls (PCBs):	Treated, removed, or contained
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

27  
East  
1/4-1/2  
Higher

**TACOMA BOATBUILDING CO INC**  
 1840 MARINE VW DR  
 TACOMA, WA 98422

CERCLIS 1000334214  
 FINDS WAD067162586  
 RCRIS-LQG

**CERCLIS Classification Data:**

Site Incident Category:	Not reported	Federal Facility:	NO
Ownership Status:	INDIAN LANDS	NPL Status:	A
EPA Notes:	18.5 ACRE SITE IS LOCATED ON NORTHERN BANK OF THE HYLEBOS WATERWAY		

**CERCLIS Assessment History:**

Assessment:	DISCOVERY	Completed:	08/01/85
Assessment:	SCREENING SITE INSPECTION	Completed:	11/25/87
Assessment:	PRELIMINARY ASSESSMENT	Completed:	11/25/87

**CERCLIS Site Status:**

This site is currently under investigation by the government to assess the extent of further action

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
--------	-----------	----------	-----------	------	-------------	---------------	---------------

TACOMA BOATBUILDING CO INC (Continued)

1000334214

RCRIS:

Owner: PUBLIC COMPANY  
 Record Date: 02/27/81  
 Classification: Large Quantity Generator  
 Used Oil Recyc: No  
 Violation Status: Violations exist

There are 1 compliance/violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	Generator-All Requirements	07/04/94

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
 - Facility has an active water discharge permit (under PCS)  
 - Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)

28  
 NNW  
 1/2-1  
 Lower

CASCADE TIMBER 1  
 3626 MARINE VIEW DR  
 TACOMA, WA 98422

CSCSL

S100079994  
 N/A

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CASCADE TIMBER 1 (Continued)**

**S100079994**

Facility ID: 1204  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action Completed, Confirmational Monitoring Underway  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

29  
SE  
1/2-1  
Higher

**ELF ATOCHEM NORTH AMERICA**  
**2901 TAYLOR WAY**  
**TACOMA, WA 98421**

**CERCLIS 1000323457**  
**FINDS WAD009253246**  
**RCRIS-LQG**  
**TRIS**  
**CSCSL**

**CERCLIS Classification Data:**

Site Incident Category:	Not reported	Federal Facility:	NO
Ownership Status:	INDIAN LANDS	NPL Status:	A
EPA Notes:	Not reported		

**CERCLIS Assessment History:**

Assessment:	DISCOVERY	Completed:	06/01/80
Assessment:	PRELIMINARY ASSESSMENT	Completed:	12/30/87
Assessment:	SCREENING SITE INSPECTION	Completed:	12/08/88

**CERCLIS Site Status:**

This site is currently under investigation by the government to assess the extent of further action

**CERCLIS Alias Name(s):**

PENNWALT CORP - INORGANIC CHEM DIV  
 PENNWALT CORP

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WASHINGTON COUNTY RECORDS

### KING COUNTY:

#### Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment project

Source: Department of Public Health

Telephone: 206-296-4785

This report presents the Seattle-King County Health Department's follow-up investigation of two city owned and four county owned abandoned landfills which was conducted from February to December 1986.

Date of Government Version: 12/31/86

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/14/95

Date of Next Scheduled EDR Contact: N/A

#### Abandoned Landfill Study in King County

Source: Seattle-King County Department of Public Health

Telephone: 206-296-4785

The King County Abandoned Landfill Survey was conducted from October through December 1984 by the Health Department's Environmental Health Division at the request of the King County Council. The primary objective of the survey was to determine if any public health problems existed at the predetermined 24 sites.

Date of Government Version: 04/30/85

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94

Date of Next Scheduled EDR Contact: N/A

#### Abandoned Landfill Study in the City of Seattle

Source: Seattle - King County Department of Public Health

Telephone: 206-296-4785

The Seattle Abandoned Landfill Survey was conducted in June and July of 1984 by the Health Department's Environmental Health Division at the request of the Mayor's Office. The primary objective of the survey was to determine if any public health problems existed at the predetermined 12 sites.

Date of Government Version: 07/30/84

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94

Date of Next Scheduled EDR Contact: N/A

### SNOHOMISH COUNTY:

#### Soild Waste Sites of Record at Snohomish Health District

Source: Snohomish Health District

Telephone: 206-339-5250

Date of Government Version: 06/19/96

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/23/97

Date of Next Scheduled EDR Contact: 10/20/97

### TACOMA-PIERCE COUNTY:

#### Closed Landfill Survey

Source: Tacoma-Pierce County Health Department

Telephone: 206-591-6500

Following numerous requests for information about closed dumpsites and landfills in Pierce County, the Tacoma-Pierce County Health Department decided to conduct a study on the matter. The aim of the study was to evaluate public health risks associated with the closed dumpsites and landfills, and to determine the need, if any, for further investigations of a more detailed nature. The sites represent all of the known dumpsites and landfills closed after 1950.

Date of Government Version: 04/15/93

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/11/95

Date of Next Scheduled EDR Contact: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF WASHINGTON ASTM RECORDS:

### CSCSL: Confirmed & Suspected Contaminated Sites List

Source: Department of Ecology  
Telephone: 360-407-7200

SHWS: State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/09/97  
Date Made Active at EDR: 07/28/97  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/10/97  
Elapsed ASTM days: 48  
Date of Last EDR Contact: 08/19/97

### HSL: Hazardous Sites List

Source: Department of Ecology  
Telephone: 360-407-7200

HSL: The Hazardous Sites List is a subset of the CSCSL Report. It includes sites which have been assessed and ranked using the Washington Ranking Method (WARM).

Date of Government Version: 02/20/97  
Date Made Active at EDR: 04/24/97  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/12/97  
Elapsed ASTM days: 43  
Date of Last EDR Contact: 06/16/97

### LUST: Leaking Underground Storage Tanks Site List

Source: Department of Ecology  
Telephone: 360-407-7200

LUST: Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/01/97  
Date Made Active at EDR: 07/17/97  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/19/97  
Elapsed ASTM days: 59  
Date of Last EDR Contact: 08/04/97

### SWF/LF: Solid Waste Facilities Handbook

Source: Department of Ecology  
Telephone: 360-407-6132

SWF/LF: Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/13/96  
Date Made Active at EDR: 12/09/96  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 11/22/96  
Elapsed ASTM days: 17  
Date of Last EDR Contact: 08/18/97

### UST: Statewide UST Site/Tank Report

Source: Department of Ecology  
Telephone: 360-407-7170

UST: Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/01/97  
Date Made Active at EDR: 07/03/97  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/19/97  
Elapsed ASTM days: 45  
Date of Last EDR Contact: 08/04/97

## STATE OF WASHINGTON NON-ASTM RECORDS:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDERAL NON-ASTM RECORDS:

### BRS: Biennial Reporting System

Source: EPANTIS

Telephone: 800-424-9346

BRS: The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/93  
Database Release Frequency: Biennially

Date of Last EDR Contact: 08/04/97  
Date of Next Scheduled EDR Contact: 09/22/97

### CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies  
Database Release Frequency: Varies

Date of Last EDR Contact: Varies  
Date of Next Scheduled EDR Contact: N/A

### FINDS: Facility Index System

Source: EPA/NTIS

Telephone: 703-908-2493

FINDS: Facility Index System. FINDS contains both facility information and "pointers" to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 09/30/95  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/22/97  
Date of Next Scheduled EDR Contact: 11/04/97

### HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

HMIRS: Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/95  
Database Release Frequency: Annually

Date of Last EDR Contact: 07/28/97  
Date of Next Scheduled EDR Contact: 10/27/97

### MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/97  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/14/97  
Date of Next Scheduled EDR Contact: 10/13/97

### NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

NPL LIENS: Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/29/97  
Date of Next Scheduled EDR Contact: 08/25/97

## EPA Waste Codes Addendum

Code	Description
U210	ETHENE, TETRACHLORO-
U210	TETRACHLOROETHYLENE
U220	BENZENE, METHYL-
U220	TOLUENE
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)

## EPA Waste Codes Addendum

Code	Description
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F004	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

**GEOCHECK VERSION 2.1**  
**PUBLIC WATER SUPPLY SYSTEM INFORMATION**

Searched by Nearest Well.

**PWS SUMMARY:**

PWS ID: WA5329344 PWS Status: Active Distance from TP: >2 Miles  
Date Initiated: June / 1977 Date Deactivated: Not Reported Dir relative to TP: South  
PWS Name: GREEN ACRES MANOR BOARDING HOM  
5908 VALLEY AVE E  
PUYALLUP, WA 98424

Addressee / Facility: Not Reported

Facility Latitude: 47 14 21 Facility Longitude: 122 21 20  
City Served: Not Reported  
Treatment Class: Untreated Population Served: Under 101 Persons

Well currently has or has had major violation(s): No

**GEOCHECK VERSION 2.1 ADDENDUM  
FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Northern Quadrant)

**BASIC WELL DATA**

Site ID:	47173312222801	Distance from TP:	1 - 2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Not Reported
Altitude:	410.00 ft.	State:	Not Reported
Well Depth:	46.30 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	20.02 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	10051980	Prim. Use of Water:	Domestic

**LITHOLOGIC DATA**

Not Reported

**WATER LEVEL VARIABILITY**

Not Reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PRI NORTHWEST INC (Continued)**

1000811085

Facility ID: 1246  
 Facility Status: RA IN PROGRESS  
 Flag: STATE/HSL  
 Rank: 0  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action In progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Site is either on the federal National Priorities List (NPL) or a sub-site or operable  
     unit of an NPL site. NPL sites are ranked under the federal Hazard Ranking System  
     (HRS)  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Confirmed above MTCA cleanup levels  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRI NORTHWEST INC (Continued)**

1000811085

**SHWS:**

Facility ID: 1246  
 Facility Status: RA IN PROGRESS  
 Flag: STATE/HSL  
 Rank: 0  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action In progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Site is either on the federal National Priorities List (NPL) or a sub-site or operable  
     unit of an NPL site. NPL sites are ranked under the federal Hazard Ranking System  
     (HRS)  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Confirmed above MTCA cleanup levels
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PORT OF TACOMA 721 ALEXANDER (Continued)**

**S102258275**

**SHWS:**

Facility ID: 1377  
 Facility Status: INDEPENDENT RA  
 Flag: STATE/HSL  
 Rank: 3  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Release report received, awaiting assessment by Potentially Liable Person (PLP)  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     3 - Moderate assessed risk to human health and to the environment  
 Affected Media: Groundwater  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**1920 PORT OF TACOMA ROAD, TACOMA (Continued)**

**S102554759**

**SHWS:**

Facility ID: 30005  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Not reported  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

K48  
SW  
1/2-1  
Lower

1920 PORT OF TACOMA ROAD, TACOMA  
1920 PORT OF TACOMA RD  
TACOMA, WA 98421

CSCSL

S102554758  
N/A

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

J45  
SW  
1/2-1  
Lower

**LILYBLAD PETROLEUM INC PORT OF TACOMA RD**  
2244 PORT OF TACOMA RD  
TACOMA, WA 98421

**CERCLIS  
FINDS  
RCRIS-LQG  
RCRIS-TSD  
CORRACTS**

**1000441153  
WAD027543032**

**CERCLIS Classification Data:**

Site Incident Category: Not reported  
Ownership Status: INDIAN LANDS  
EPA Notes: Not reported  
Federal Facility: NO  
NPL Status: A

**CERCLIS Assessment History:**

Assessment: DISCOVERY Completed: 07/01/79  
Assessment: PRELIMINARY ASSESSMENT Completed: 08/20/85  
Assessment: SCREENING SITE INSPECTION Completed: 12/08/88

**CERCLIS Site Status:**

This site is currently under investigation by the government to assess the extent of further action

**CERCLIS Alias Name(s):**

SOL-PRO

**CORRACTS Data:**

Prioritization: High  
Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA Facility Investigation, RFI Imposition, Stabilization Measures Evaluation

**RCRIS Corrective Action Summary:**

Effective Date: 10/30/95  
Legal Authority: RCRA 3008(h) or equivalent

**RCRIS:**

Owner: LILYBLAD PETROLEUM INC  
Record Date: 03/31/81  
Classification: Large Quantity Generator, TSD, Hazardous Waste Transporter

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	32120.00	D002	540.00
D006	10160.00	D007	10160.00
D008	12160.00	D018	4660.00
D021	120.00	D029	420.00
D035	31580.00	D039	4800.00
F001	35360.00	F002	39420.00
F003	45240.00	F005	32420.00
U002	2000.00	U076	2200.00
U080	2200.00	U154	360.00
U159	1640.00	U165	420.00
U210	420.00	U220	420.00
U226	2200.00	U239	420.00

Used Oil Recyc: Yes

TSDF Activities: burning and/or blending of hazardous waste, marketing to burners of hazardous waste fuel activities, marketing of off-specification used oil, directing shipments of used oil to burners, accepts waste from off-site

Violation Status: Violations exist

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**MURRAY PACIFIC 2 (Continued)**

**S101010506**

Facility ID: 1211  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Surface Water  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

J44  
SW  
1/2-1  
Lower

LILYBLAD PETROLEUM, INC.  
2244 PORT OF TACOMA RD  
TACOMA, WA 98421

UST  
CSCSL

U003105338  
N/A

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHONE - POULENC BASIC CHEMICAL (FORMER) (Continued)**

S100836481

**WA ICR:**

Date Ecology Received Report: 06/22/1994  
 Contaminants Found at Site: Metals  
 Media Contaminated: Soil  
 Cause of Contamination: Land application  
 Region: South Western  
 Type of Report Ecology Received: Final cleanup report  
 Site Register Issue: 93-28

43  
SW  
1/2-1  
Lower

**MURRAY PACIFIC 2**  
 2407 PORT OF TACOMA RD  
 TACOMA, WA 98421

CSCSL

S101010506  
N/A

**SHWS:**

Facility ID: 1211  
 Facility Status: Not reported  
 Flag: STATE  
 Rank: Not reported  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action in progress  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Groundwater  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
 or manufacturing processes, certain contaminants are suspected to be present at the  
 site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**RHONE - POULENC BASIC CHEMICAL (FORMER) (Continued)**

**S100836481**

Facility ID: 1221  
 Facility Status: AWAITING RA  
 Flag: STATE/HSL  
 Rank: 3  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     3 - Moderate assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**ELF ATOCHEM NORTH AMERICA (Continued)**

**1000323457**

**RCRIS:**

Owner: ELF ATOCHEM NORTH AMERICA INC  
Record Date: 08/18/80  
Classification: Large Quantity Generator

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	1100.00	D002	2314340.00
D004	977420.00	D006	164380.00
D007	171520.00	D008	166040.00
D009	164380.00	D019	3240.00
D022	13900.00	D040	320.00
F001	400.00	F002	4500.00
F003	2180.00	F005	1580.00

Used Oil Recyc: No

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

- Facility has an active water discharge permit (under PCS)
- Facility is monitored or permitted for air emissions under the Clean Air Act (under AFS/AIRS)
- Civil judicial and administrative enforcement case against facility (under DOCKET)
- Facility utilizes underground or deep well injection (under FURS)
- Criminal enforcement action against facility (under C-DOCKET)

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**ELF ATOCHEM NORTH AMERICA (Continued)**

1000323457

Facility ID: 1220  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Construction Completed, Operation & Maintenance Underway  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Confirmed above MTCA cleanup levels  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Not reported  
 Pesticides: Not reported  
 Petroleum Products: Not reported  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Confirmed above MTCA cleanup levels  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Confirmed above MTCA cleanup levels

**MAP FINDINGS**

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
--------	-----------	----------	-----------	------	-------------	---------------	---------------

**ELF ATOCHEM NORTH AMERICA (Continued)**

1000323457

Facility ID: 1220  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 1  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Construction Completed, Operation & Maintenance Underway  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     1 - Greatest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: R (Remediated) - Contaminants have been treated, removed, or contained to meet cleanup levels established for the site. (This status determination may only be made by Ecology)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Treated, removed, or contained
EPA Priority Pollutants - Metals and Cyanide:	Treated, removed, or contained
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Treated, removed, or contained
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Treated, removed, or contained

30  
SE  
1/2-1  
Higher

**ELF ATOCHEM**  
**3009 TAYLOR WAY**  
**TACOMA, WA 98421**

CSCSL

S102507281  
N/A

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETROLEUM RECLAIMING SERV (Continued)**

1000367268

**RCRIS:**

Owner: PETROLEUM RECLAIMING SERVICE INC  
(206) 383-4474

Record Date: 07/20/95

Classification: TSDf, Hazardous Waste Transporter

**BIENNIAL REPORTS:**

Last Biennial Reporting Year: 1993

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	120.00	D008	60.00
D018	60.00	D039	60.00
F005	60.00		

Used Oil Recyc: Yes

TSDf Activities: burning and/or blending of hazardous waste, hazardous waste fuel marketing activities, other than generator marketing to a burner, marketing of off-specification used oil

Violation Status: Violations exist

There are 2 compliance/violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	07/04/94
	Generator-All Requirements	07/04/94
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	07/04/94
	Generator-All Requirements	07/04/94
	Generator-All Requirements	07/04/94
	Generator-Land Ban Requirements	07/04/94

**MAP FINDINGS**

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PETROLEUM RECLAIMING SERV (Continued)**

1000367268

**SHWS:**

Facility ID: 1245  
 Facility Status: AWAITING RA  
 Flag: STATE/HSL  
 Rank: 2  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     2 - Moderate to greatest assessed risk to human health and to the environment  
 Affected Media: Groundwater  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
     or manufacturing processes, certain contaminants are suspected to be present at the  
     site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Suspected to be present
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETROLEUM RECLAIMING SERV (Continued)**

**1000367268**

Facility ID: 1245  
 Facility Status: AWAITING RA  
 Flag: STATE/HSL  
 Rank: 2  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     2 - Moderate to greatest assessed risk to human health and to the environment  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Confirmed above MTCA cleanup levels  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Confirmed above MTCA cleanup levels  
 Pesticides: Not reported  
 Petroleum Products: Confirmed above MTCA cleanup levels  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Suspected to be present  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**PETROLEUM RECLAIMING SERV (Continued)**

1000367268

Facility ID: 1245  
 Facility Status: AWAITING RA  
 Flag: STATE/HSL  
 Rank: 2  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     2 - Moderate to greatest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
     or manufacturing processes, certain contaminants are suspected to be present at the  
     site  
 Base/Neutral/Acid Organics: Not reported  
 Halogenated Organic Compounds: Not reported  
 EPA Priority Pollutants - Metals and Cyanide: Suspected to be present  
 Metals - Other non-priority pollutant metals: Not reported  
 Polychlorinated biPhenyls (PCBs): Suspected to be present  
 Pesticides: Not reported  
 Petroleum Products: Suspected to be present  
 Phenolic Compounds: Not reported  
 Non-Halogenated Solvents: Not reported  
 Dioxin: Not reported  
 Polynuclear Aromatic Hydrocarbons (PAH): Not reported  
 Reactive Wastes: Not reported  
 Corrosive Wastes: Not reported  
 Radioactive Wastes: Not reported  
 Asbestos: Not reported  
 Conventional Contaminants, Organic: Not reported  
 Conventional Contaminants, Inorganic: Not reported

32  
WNW  
1/2-1  
Lower

**CONTINENTAL LIME INC**  
 1220 ALEXANDER AVE  
 TACOMA, WA 98421

**FINDS 1000412951**  
**RCRIS-LQG WAD075160051**  
**UST**  
**Air Emissions**  
**LUST**  
**CSCSL**

**RCRIS:**  
 Owner: STEEL BROTHERS CANADA LTD  
 Record Date: 09/05/86  
 Classification: Large Quantity Generator, Hazardous Waste Transporter  
 Used Oil Recyc: No  
 Violation Status: No violations found

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONTINENTAL LIME INC (Continued)**

1000412951

UST:

Facility ID:	4359	Tank ID:	1
Install Date:	12/31/64	Status:	Removed
Capacity:	111 to 1,100 Gallons	Tank Material:	Steel-Unprotected
Compartment #:	1	Substance:	UNLEADED GASOLINE
Ecology Region:	South Western		

33  
NW  
1/2-1  
Lower

**AIRO SERVICE INC**  
4110 E 11TH ST  
TACOMA, WA 98421

**PADS** 1000326899  
**CERCLIS** WAD027528728  
**FINDS**  
**RCRIS-LQG**  
**RAATS**  
**CSCSL**

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	NO
Ownership Status:	INDIAN LANDS	NPL Status:	A
EPA Notes:	Not reported		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	10/01/78
Assessment:	PRELIMINARY ASSESSMENT	Completed:	07/18/85

CERCLIS Site Status:

This site is currently under investigation by the government to assess the extent of further action

RCRIS:

Owner: AIRO SERVICES INC  
(206) 383-4916

Record Date: 04/03/84

Classification: Large Quantity Generator, Hazardous Waste Transporter

Used Oil Recyc: No

Violation Status: Violations exist

There are 2 compliance/violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	07/04/91
	Generator-All Requirements	07/04/91
	Generator-Land Ban Requirements	07/04/91
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	10/23/88

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
- Facility is a PCB generator, storer, transporter or permitted disposer (under PADS)

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**AIRO SERVICE INC (Continued)**

1000326899

Facility ID: 1231  
 Facility Status: AWAITING RA  
 Flag: STATE/HSL  
 Rank: 4  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Ranked, Awaiting Remedial Action (RA)  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     4 - Moderate to lowest assessed risk to human health and to the environment  
 Affected Media: Surface Water  
 Media Status: S (Suspected) - Due to preliminary investigations or the nature of business operations  
     or manufacturing processes, certain contaminants are suspected to be present at the  
     site

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Suspected to be present
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Suspected to be present
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Suspected to be present
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

G34  
WNW  
1/2-1  
Lower

TACOMA PORT PARCEL 4  
3533 E 11TH ST  
TACOMA, WA 98421

CSCSL

S102554770  
N/A

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**TACOMA PORT PARCEL 4 (Continued)**

**S102554769**

**SHWS:**

Facility ID: 3831  
 Facility Status: AWAITING RA  
 Flag: STATE/HSL  
 Rank: 2  
 Responsible Unit: SOUTHWEST  
 Ecology Site Status relative to the MTCA cleanup process:  
     Independent Remedial Action  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Independent Site Assessment of Interim Remedial Action Report received  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     Not reported  
 Affected Media: Soil  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has  
     been confirmed by laboratory analysis (or field determination in the case of petroleum  
     contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Confirmed above MTCA cleanup levels
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Not reported
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Not reported

G36  
WNW  
1/2-1  
Lower

**TACOMA PORT PARCEL 4**  
**3533 E 11TH ST**  
**TACOMA, WA 98421**

**CSCSL**

**S102554768**  
**N/A**

**MAP FINDINGS**

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**KAISER ALUMINUM TACOMA WORKS (Continued)**

**S102364098**

**SHWS:**

Facility ID: 38  
 Facility Status: CONSTRUCTION COMPLETE  
 Flag: STATE/HSL  
 Rank: 4  
 Responsible Unit: INDUSTRIAL  
 Ecology Site Status relative to the MTCA cleanup process:  
     Remedial Action Conducted, residual contamination left on site; on-going institutional controls required  
 Independent Site Status - those sites undergoing an independent cleanup:  
     Not reported  
 WARM Bin Number indicates the outcome of the Washington Ranking Model (WARM):  
     4 - Moderate to lowest assessed risk to human health and to the environment  
 Affected Media: Sediment  
 Media Status: C (Confirmed) - The presence of hazardous substances above MTCA cleanup levels has been confirmed by laboratory analysis (or field determination in the case of petroleum contamination)

Base/Neutral/Acid Organics:	Not reported
Halogenated Organic Compounds:	Not reported
EPA Priority Pollutants - Metals and Cyanide:	Not reported
Metals - Other non-priority pollutant metals:	Not reported
Polychlorinated biPhenyls (PCBs):	Not reported
Pesticides:	Not reported
Petroleum Products:	Not reported
Phenolic Compounds:	Not reported
Non-Halogenated Solvents:	Not reported
Dioxin:	Not reported
Polynuclear Aromatic Hydrocarbons (PAH):	Confirmed above MTCA cleanup levels
Reactive Wastes:	Not reported
Corrosive Wastes:	Not reported
Radioactive Wastes:	Not reported
Asbestos:	Not reported
Conventional Contaminants, Organic:	Not reported
Conventional Contaminants, Inorganic:	Confirmed above MTCA cleanup levels

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

### Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### DELISTED NPL: Delisted NPL Sites

Source: EPA

Telephone: 703-603-8769

**DELISTED NPL:** The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

### NFRAP: No Further Remedial Action Planned

Source: EPA/NTIS

Telephone: 703-413-0223

**NFRAP:** As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

### FRDS: Federal Reporting Data System

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

FRDS provides information regarding public water supplies and their compliance with monitoring requirements, maximum contaminant levels (MCL's), and other requirements of the Safe Drinking Water Act of 1986.

**Area Radon Information:** The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals who, due to their fragile immune systems, are deemed to be especially sensitive to environmental discharges. These typically include the elderly, the sick, and children. While the exact location of these sensitive receptors cannot be determined, EDR indicates those facilities, such as schools, hospitals, day care centers, and nursing homes, where sensitive receptors are likely to be located.

**APPENDIX E.2**  
**Records of Communication**

## Record Of Communication

Project Name: Granum Property

Location: 2150 Taylor Way  
Tacoma, WA

Communication with: Douglas Granum Phone: 360/871-4471  
Property Owner

Communication via: During Site Visit

Recorded by: Michael Kübler

of Hillmann Environmental

at 11:45AM

On: 9/18/97

RE: Granum Property

Subject: Property Information

Summary of Communications:

City of Tacoma had sent a person out to inspect the property, who reported "no problems" there had been some soil removed from the property. The property had experienced significant flooding in the last year. Had no information concerning environmental problems or permits.

Conclusions/Actions Taken, required, or Recommended:  
Suggested I speak with Kit Granum, his wife on Monday.

Follow up:  
Spoke with Mrs. Granum

## Record Of Communication

Project Name: Granum Property

Location: 2150 Taylor Way  
Tacoma, WA

Communication with: Kit Granum Property Owner Phone: 360/871-4471

Communication via: Telephone

Recorded by: Michael Kübler of Hillmann Environmental

at 10:45 AM On: 9/22/97

RE: Granum. Property

Subject: Property Information

Summary of Communications:

Provided additional letters concerning AGRA's Phase II site assessment via FAX.

Conclusions/Actions Taken, required, or Recommended:

None

Follow up:

None

## Record Of Communication

Project Name: Granum Property

Location: 2150 Taylor Way  
Tacoma, WA

Communication with: Mark Biltz, (Fields Corp.)

Phone: 206/627-4098

Communication via: During Site Visit

Recorded by: Michael Kübler

of Hillmann Environmental

at 11:00 AM

On: 9/19/97

RE:Granum Property

Subject: Property Information

Summary of Communications:

Fields Corp maintains a presence in the five buildings for storage of their final product, roofing supplies. Provided list of stored chemicals, highlighted items being on the subject property. Stated the subject property had been flooded within the last year.

Follow up:

None

## Record Of Communication

Project Name: Granum Property

Location: 2150 Taylor Way  
Tacoma, WA

Communication with: Brad Ewy Phone: 360/407-7245  
WA State Dept. of Ecology

Communication via: telephone.

Recorded by: Michael Kübler of Hillmann Environmental

at 4:20 PM On: 9/25/97

RE: Granum Property

Subject: DOE's assessment of property.

Summary of Communications:

Site is on the CSCSL, and listed as a 3 on scale of 1 to 5. No current plans regarding the site. As of late 1996 the site is not a PRP for the NPL site.

## Record Of Communication

Project Name: Granum Property

Location: 2150 Taylor Way  
Tacoma, WA

Communication with: Peter Nelson Phone: 253/798-6498  
Lewis County Fire Marshall

Communication via: telephone/meeting.

Recorded by: Michael Kübler

of Hillmann Environmental

at 11:00 AM

On: 9/25/97

RE:Granum Property

Subject: Fire Department Records

Summary of Communications:

Arranged meeting for 1:00 PM on 9/26, at meeting Mr. Nelson provided copies of his records concerning the subject property. Stated that during an evaluation of the site late last year he placed the site on the CSCSL database giving it a ranking of 3 on the MTCA. His office is no planning future action concerning the site at this time.

Conclusions/Actions Taken, required, or Recommended:

None

Follow up:

None

## Record Of Communication

Project Name: Granum Property

Location: 2150 Taylor Way  
Tacoma, WA

Communication with: Kevin O'Donnell

Phone: 360/591-5740

Tacoma Fire Marshall's Office

Communication via: telephone.

Recorded by: Michael Kübler

of Hillmann Environmental

at 2:00 PM

On: 9/29/97

RE: Granum. Property

Subject: Fire Dept. Records on the subject property

Summary of Communications:

A search of the department database shows there are no records concerning the subject property.

No additional information.

Conclusions/Actions Taken, required, or Recommended:

None

Follow up:

None.

**APPENDIX E.3**

**Previous Phase I Environmental Assessment**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TAYLOR WAY AND LINCOLN AVENUE PROPERTY  
2150 TAYLOR WAY  
TACOMA, WASHINGTON**

Submitted To:

R. W. Investments  
9000 East 96th Avenue  
Henderson, CO 80640

Submitted By:

AGRA Earth & Environmental, Inc.  
11335 NE 122nd Way, Suite 100  
Kirkland, Washington 98034-6918

October 1995

11-08158-04



AGRA Earth &  
Environmental, Inc.  
11335 NE 122nd Way  
Suite 100  
Kirkland, Washington  
U.S.A. 98034-6918  
Tel (206) 820-4669  
Fax (206) 821-3914

27 October 1995  
11-08158-04

R. W. Investments  
9000 East 96th Avenue  
Henderson, CO 80640

Attention: Mr. Bill Grimm

Subject: Phase I Environmental Site Assessment  
Taylor Way and Lincoln Avenue Property  
2150 Taylor Way  
Tacoma, Washington

Dear Mr. Grimm:

AGRA Earth & Environmental, Inc. (AEE) is pleased to present the results of our Phase I Environmental Site Assessment for the above referenced property. This assessment has been based on our understanding of local geology and hydrogeology; reviews of various government environmental listings; previous work performed in the subject area; and a visit to the site. This Phase I Environmental Site Assessment was performed in general accordance with ASTM Standard 1527-94 for Phase I Site Assessments.

AEE appreciates the opportunity to be of service to you on this project. Should you have any questions concerning this report or if we can assist you in any way, please feel free to contact us.

Respectfully submitted,

AGRA Earth & Environmental, Inc.

  
\_\_\_\_\_  
Maria L. Agne  
Staff Environmental Assessor



**TABLE OF CONTENTS**  
**11-08158-04**

1.0	SUMMARY .....	1
2.0	INTRODUCTION .....	2
3.0	SITE DESCRIPTION .....	3
4.0	PHYSICAL ENVIRONMENT .....	4
4.1	Geology and Soils .....	4
4.2	Hydrogeology, Water Wells, and Public Water Supply .....	4
5.0	RESULTS OF RESEARCH .....	5
5.1	Site History .....	5
5.1.1	Tax Assessment Records .....	5
5.1.2	Aerial Photographs .....	5
5.1.3	Business Directories .....	6
5.1.4	Historical Maps .....	7
5.1.5	Personal Interviews .....	7
5.1.6	Previous Environmental/Geotechnical Investigation .....	7
5.2	Site Reconnaissance .....	8
5.3	Surrounding Area Reconnaissance .....	9
5.4	Regulatory Agency Data Review .....	10
5.4.1	Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)/National Priorities List (NPL) .....	11
5.4.2	Confirmed and Suspected Contaminated Sites Listing .....	12
5.4.3	Resource Conservation and Recovery Act (RCRA) .....	13
5.4.4	Underground Storage Tanks (UST) .....	13
5.4.5	Leaking Underground Storage Tanks (LUST) .....	13
5.4.6	Emergency Response Notification System (ERNS) .....	14
5.4.7	Landfills .....	14
6.0	CONCLUSION .....	14

- Figure 1       — Location Map  
Figure 2       — Site Plan  
Figure 3 - 5   — Site Photographs

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
TAYLOR WAY AND LINCOLN AVENUE PROPERTY  
2150 TAYLOR WAY  
TACOMA, WASHINGTON**

**11-08158-04**

**1.0 SUMMARY**

AGRA Earth & Environmental, Inc. (AEE) performed a Phase I Environmental Site Assessment of the subject site located east of Lincoln Avenue and south of Taylor Way, in Tacoma, Washington. The following summary presents the key findings and conclusions of this report:

- The subject site is roughly rectangular in shape and consists of approximately 3.5 acres of industrially developed land. The property is currently developed with six single story buildings and associated out buildings, which house Greer steel fabricating facility, and Aurora transporting facility. The remainder of the property is paved with asphalt, or is unpaved and covered with gravel or wood, metal, and automotive debris.
- Based on historical information from the Pierce County Assessor's office, the first warehouse structure was built in 1966; however, other historical information of the site and area indicate it was developed by 1965. Additions to this original structure were added in 1967 and again in 1969, while the other warehouse structures were built in 1979, 1983, and 1988.
- According to a review of previous geotechnical reports conducted on the site by RZA AGRA, anecdotal information was provided that indicated one of the on-site sheds was formerly used to house tanks of liquid fiberglass resin. The floor of the resin storage shed, which consisted of concrete slab was reportedly covered with approximately 1/2 to 3 inches of a brownish-white resinous substance at the time of that study.

The results of the work completed indicated the presence of volatile organic compounds in site soil and groundwater. Styrene and ethylbenzene appear to be the two primary compounds of concern.

- AEE's site reconnaissance revealed four above ground storage tanks (ASTs), as well as several 55-gallon drums, cans of paint, thinner and hydraulic fluid. While empty drums and containers were stored on the concrete floor of the brick building, those containers with product in them were stored within a steel retention basin or on wooden pallets resting on concrete flooring. AEE did not, however, observe any indications of underground storage tanks (USTs) on site, such as air vent pipes, or fill ports.
- Based on AEE's review of governmental environmental and health agency records, there are several potentially hazardous sites in the vicinity of the subject property, including Murray Pacific Log Sort Yard adjacent to the south

and west of the subject site of which is documented on the Leaking Underground Storage Tank (LUST) list and Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); and Fields Corporation located across 49th Avenue NE to the east of the subject property, which is documented on the Confirmed and Suspected Contaminated Sites (C&SCS) list (see section 5.4).

For additional information regarding these sites, we visited the Washington State Department of Ecology (Ecology). As groundwater flow direction in the area is assumed to be toward the north-northeast, the Murray Pacific Log Sort Yard property may be considered the highest risk site from an environmental standpoint to the subject site (see section 5.1 CERCLIS).

The general subject area is a very industrial region, and background levels of area-wide contamination are generally higher than that of non-industrial neighborhoods.

• In view of:

- 1) The history of the subject site and area;
- 2) Our site reconnaissance of the property and surrounding area; and
- 3) Our review of the governmental environmental agency reports of contaminated sites in the vicinity of the property;

it is possible that the subject site's soils and/or groundwater have been impacted by off site sources (such as Murray Pacific Log Sort Yard or Fields Corporation), and/or from on-site activities (such as petroleum and paint storage, or fiberglass resin storage).

This summary is intended for introductory purposes only and should be used in conjunction with the full text of this report. The project description, site conditions, and results of our assessment are presented in the text of this report.

## 2.0 INTRODUCTION

The purpose of this study was to evaluate the subject site and vicinity for indications of environmental contamination due to previous or on-going activities. The scope of work for this study consisted predominantly of gathering readily accessible information. Based on these findings, this report presents AEE's opinion concerning environmental conditions at the site which may have resulted from both past or current on-site and off-site activities. The assessment of the site included:

- A site reconnaissance for the purpose of assessing existing conditions and evaluating, if possible, any reported environmental concerns at the site;

- A reconnaissance of the immediate site vicinity for the purpose of evaluating land use and making relevant observations regarding the potential for environmental concerns to exist in this vicinity;
- A review of regulatory agency files and database lists for the purpose of evaluating reported environmental concerns in the vicinity of the subject site;
- A survey of local geologic and topographic maps, as well as information regarding public and private water sources including water wells for the subject area;
- A review of historical business directories and aerial photographs for the purpose of evaluating past and present land use at the subject site and in the vicinity of the subject site, and for the purpose of documenting, if possible, businesses which potentially generate, use, or store hazardous substances;
- Personal interviews with knowledgeable individuals for the purpose of obtaining relevant anecdotal information regarding the subject site and adjacent sites; and
- Preparation of this Phase I Environmental Site Assessment Report documenting the findings of the study.

Environmental impairment of property as a result of activities such as illicit or unreported dumping or spilling of hazardous or deleterious materials may not be readily apparent. The opinions and conclusions presented in this report are based on information readily available at the time of the assessment. The collection of quantitative information, such as data generated by the analysis of soil or water samples, was beyond the scope of this assessment. The Phase I does not address the ASTM Phase I non-scope issues of asbestos, radon, lead-based paint, lead in drinking water, and wetlands.

This report has been prepared in accordance with generally accepted environmental assessment practices, for the exclusive use of R. W. Investments, The Money Store and their agents for specific application to the project site. No other warranty, expressed or implied, is made. In the event any changes occur at the site or on adjacent properties, this report should be reviewed by AEE and amended as necessary.

### 3.0 SITE DESCRIPTION

The site is located east of Lincoln Avenue and south of Taylor Way, in the City of Tacoma, in Pierce County, Washington (Section 35, Township 21 North, Range 3 East) (see Figure 1). The site is roughly rectangularly shaped and is currently developed as warehouse/manufacturing facility.

The surface of the site is covered with eight on-site structures and asphalt paving. The subject property is bordered on the west by Pacific Lumber Company and further by Lincoln Avenue; on the north by Fields Corporation and further by Taylor Way; on the south by a drainage canal and further by Pacific Lumber Company; and on the east by 49th Avenue and further by Fields Corporation (see Figure 2).

According to tax assessment records, the subject site covers approximately 2.5 acres of property zoned for industrial use. Initial development of the property began prior to 1966 (information pertaining to the specific date was not available) at which time it was in use as a lumber manufacturing facility.

According to the United States Geological Survey (USGS) 7.5 minute series topographic map "Tacoma North" dated 1961 (photorevised 1968 and 1973) the subject site is at an average elevation of approximately sea level to 25 feet above mean sea level. Topographically, the site is relatively flat with a gradual slope down from south-southwest to north-northeast.

#### **4.0 PHYSICAL ENVIRONMENT**

##### **4.1 Geology and Soils**

According to a previous assessment conducted at the subject site by AGRA (as RZA AGRA, reference: Level II Remediation Project 11-08158-01, dated 2 February 1994) the soil types encountered were found to be generally consistent throughout the subject site. The subsurface stratigraphy consisted of 1 to 2 feet of medium dense, gravelly, silty sand fill, overlying a fine sandy silt to silty, fine sand with lenses of organic rich silt to a depth of approximately 9 to 12 feet. These materials are typical of an alluvial-estuarine depositional environment.

##### **4.2 Hydrogeology, Water Wells, and Public Water Supply**

According to a previous assessment conducted at the subject site by AGRA (as RZA AGRA, reference: Level II Remediation Project 11-08158-01, dated 2 February 1994) the inferred groundwater migration direction is north-northeast. Based on the previous subsurface assessment we performed at the subject site, we anticipate the depth to near-surface groundwater at the subject site to be from 2.5 to 4 feet below ground surface. It should also be noted that because the site is located near Hylebos Waterway, the groundwater depth and flow direction may be subject to tidal influence.

We visited the Washington Department of Ecology (Ecology) to review water well records within a one-mile radius of the subject property which could possibly receive contamination, if present, from the subject site. A review of these well logs revealed several wells within an approximate one mile radius of the site. Most of the wells are resource protection or monitoring wells, although some are irrigation or industrial wells. The majority of the wells are located in the vicinity of the subject site, between the Blair and Hylebos Waterways. The

typical depth to groundwater for these wells ranges from roughly 5 to 10 feet below ground surface.

The subject site and surrounding area obtain their public potable water supplies from the City of Tacoma, which acquires its drinking water from municipal wells, the closest of which is located nearly two miles west of the site, near 11th Street and Taylor Way. Based on the separation distance of this water source and inferred groundwater flow direction, it is unlikely that activities at the subject site would impact this water supply source.

## 5.0 RESULTS OF RESEARCH

### 5.1 Site History

The land use history of the subject site was reviewed utilizing available business directories, historical aerial photographs, anecdotal and other information sources.

#### 5.1.1 Tax Assessment Records

Tax records for the site were obtained from the Pierce County Department of Assessments. The records provided property statistics information for the site which is used in various portions of this report, particularly the Site Description (Section 3.0).

#### 5.1.2 Aerial Photographs

Recent and historical aerial photographs dated 1946, 1960, 1969, 1979, 1983, 1985, and 1992 were reviewed at Walker & Associates, Inc.. The purpose of the review was to evaluate past uses and characteristics of the subject properties as well as on the adjoining properties. The photographs were from 1" = 800' to 1" = 2,000' in scale. In the review of the aerial photographs, observations are interpretative and limited to the area within approximately 2,500 feet of the subject site. The height from which the photographs were taken did not provide a clear image of specific site characteristics. However, the absence and presence of structures on site, as well as developmental trends in the area were noted.

##### 1946 through 1960

The photographs depict the subject property as vacant land between 1946 and 1960. Adjacent properties to the north, west, and south appear to be vacant, as well. The eastern adjacent property appears to be occupied by several small structures in the 1960 photograph.

##### 1969 through 1983

The subject property appears to be developed with four structures, two of which appear similar to those observed during our on-site reconnaissance. The adjacent properties to the north and west appear to remain vacant. Development of the southern adjacent commercial property was apparent as early as 1969. The eastern adjacent commercial property appeared to be occupied by a single structure between 1969 and 1983.

1985 through 1992

The subject property appears to be developed with two additional structures. The six structures appear to be in a slightly different configuration than observed in earlier photographs. The adjacent properties to the north, west, and south appear similar in development to that observed in previous photographs. The eastern adjacent commercial property appears to be developed as a warehouse/manufacturing facility with several structures.

**5.1.3 Business Directories**

In an effort to document past uses of the site and surrounding area, we typically review available historical business directories such as those published by R. L. Polk & Company. These directories are commonly referred to as Polk directories. We reviewed the Polk directory collection at the Seattle Public Library (Main Branch). The dates of the reviewed Polk directories that covered the subject area (Tacoma and vicinity) were 1938, 1945, 1953, 1960, 1965, 1970, 1975, 1980, 1986, 1989, and 1994.

- While Lincoln Avenue and Taylor Way were documented in each of the Polk's directories we reviewed, the subject site and neighboring addresses did not appear until 1960, at which time City Millwork Co (lumber milling) and Olds Harold E (building contractor) were indicated as the subject site tenants (3376 Lincoln Avenue); Acme Foundry Inc. was located on the eastern adjacent property.
- By the time of the 1965 directory, a large increase in industrial development was noted in the directories, the subject site tenant was listed as Katica Geo F Co Kiln and Reichhold Chemical Inc. (plant) first appeared at 3320 Lincoln Avenue.
- In the 1970 directory, the subject site tenant is listed as American Lumber Manufacturing Inc.
- The 1975 directory indicates three tenants at the subject site, Western Turnings & Specialties Co Inc (wood turners) and two other tenants located at a new address for the subject property (2150 Taylor Way), Christopher Tool & Die and Peterson Boat Building Co. In 1980, Wood Tone Stains (siding pre-stained) occupied the eastern adjacent property.
- By the time of the 1986 directory, Western Turnings & Specialties was the only tenant listed at the subject site, Pacific Lumber Co occupied the southern adjacent property, the eastern adjacent property was occupied by Fields Products (chemical distribution) and B-Line Transport Co.

- The 1994 directory indicated the subject site to be vacant and the adjacent properties were occupied by the previously noted facilities..

#### **5.1.4 Historical Maps**

The University of Washington Suzzallo Library collection of Sanborn Map Company fire insurance maps (on microfilm) was reviewed. Sanborn maps as they are commonly referred to typically detail building construction type and use and may show underground and above ground storage tanks, chemical storage areas, and other potential environmental hazards. The Sanborn Map Company has published maps dating from 1867 to the present for various cities and towns, and therefore are a good source for identifying the past uses of a property. The reviewed collection had maps for the Tacoma, Washington area; however, these maps did not have coverage of the subject area.

#### **5.1.5 Personal Interviews**

Persons who may have information concerning environmental conditions at and surrounding the site were interviewed. Pertinent information obtained during the interviews appears in the appropriate sections of this report.

#### **5.1.6 Previous Environmental/Geotechnical Investigation**

AEE reviewed a previous Level II Environmental Assessment dated February 1994 (reference report number 11-08158-01) and a Project Summary Report dated April 1994 (reference report number 11-08158-02) both conducted on the subject site by RZA AGRA.

According to these reports, anecdotal information was provided that indicated one of the on-site sheds was formerly used to house tanks of liquid fiberglass resin. The floor of the resin storage shed, which consisted of a 10 foot by 10 foot concrete slab, was covered with approximately 1/2 to 3 inches of a brownish-white resinous substance at the time of the RZA AGRA study.

Three 16-foot deep soil borings were installed and completed as monitoring wells. Selected samples collected from the borings were tested for total petroleum hydrocarbons (TPH). An extractable range TPH concentration of 110 parts per million (PPM) by State Method WTPH-D was measured in one of the soil samples collected. An ethylbenzene concentration of 9.3 ppm was also measured in this sample. Groundwater samples collected from monitoring wells were each tested for TPH by EPA Method 8015 modified and volatile organics by EPA Method 624. Concentrations of ethylbenzene and hexachlorobutadiene of 3,400 and 14 parts per billion (ppb) were measured in one of the samples. A TPH concentration of 19 ppm was also measured in this sample.

The results of the work completed to date indicate the presence of volatile organic compounds in site soil and groundwater. Styrene and ethylbenzene appear to be the two primary compounds of concern.

## 5.2 Site Reconnaissance

A representative of AEE conducted a reconnaissance of the subject site for this study on 25 October 1995. The purpose of the site reconnaissance was to evaluate current conditions at the site and to look for indications of potential environmental impacts. The subject property is located in an industrial neighborhood in the tideflats area of Tacoma, Washington.

As previously noted, the property is currently developed with eight buildings (six single-story buildings and two associated trailers), including three aluminum warehouse-type structures with concrete flooring, a brick structure used for storage, a wood structure also used for storage, and a small shed. These are labeled as Buildings A through H on Figure 2.

- The eastern-most building (Building A) houses a storage area currently occupied by several boats and construction debris; and Greer Steel, a steel fabricating facility which produces underground storage tanks. According to tax assessment records, this warehouse was reportedly constructed in 1979. Two 55-gallon drums of oxide primer are stored on wooden pallets near the entrance of this structure. A steel retention basin is located near the western exterior wall of this structure. The retention basin contains several 5-gallon containers of tar-based and oil-based paints, two 55-gallon drums of xylene-based thinners and two 55-gallon drums of hydraulic fluid. No indications of overflow (i.e. soil staining) was noted in this area. However, it should be noted that the surface beneath this basin consists of unimproved soil.
- A trailer (Building B), located near the northern boundary of the subject site, houses the offices of Aurora Consolidators', a cross dock facility.
- To the east of the office trailer is a second large aluminum warehouse-type building (Building C). According to tax assessment records, this warehouse was reportedly constructed in 1988. This structure is used by Aurora Consolidators for transloading cargo (at the time of our visit, cargo consisted of empty battery carcasses, oxygen tanks, and truck canopies all stored on wooden pallets resting on the concrete foundation).
- A third large aluminum warehouse-type structure (Building D) is located near the southeast corner of the subject site. According to tax assessment records, this warehouse was reportedly constructed in 1983. This structure is primarily vacant, however approximately four automotive engines are stored on the concrete floor throughout this structure. (NOTE: According to Mr. Tom Bentley, Aurora Consolidators, the engines belong to the previous tenant, Far West Trailer Repair.)

- A second trailer (Building E) is located immediately north of the wooden structure. (NOTE: According to Mr. Tom Bentley, Aurora Consolidators, this trailer belongs to the previous tenant, Far West Trailer Repair.)
- A small aluminum shed (Building F) is located near the center of the eastern boundary of the subject site (this unit was not accessible at the time of our visit).
- A wooden structure (Building G) is located northwest of the shed. According to tax assessment records, this warehouse was reportedly constructed prior to 1966 with additions constructed in 1967 and 1968. Three aboveground storage tanks containing waste oil/diesel fuel and several empty, unlabeled, 55-gallon drums were stored on the concrete floor in this structure. No indications of leakage or spillage from the tanks or drums was observed in this area (NOTE: According to Mr. Tom Bentley, Aurora Consolidators, the drums and tanks belong to the previous tenant, Far West Trailer Repair.)
- A brick building (Building H) is located east of the trailer. Although no lighting was available within this structure, two 55-gallon drums stored on wooden pallets were noted near the northwest corner of the structure. These drums are the property of Aurora Consolidators and reportedly contain motor oil and hydraulic fluid.

A chain link fence borders the subject property along the northern, eastern and southern boundaries; the western boundary is reportedly 25 feet west of Building A. A railroad spur runs in an east-west direction along the northern exterior wall of Building A, and extends to the railroad right-of-way which runs north-south near Lincoln Avenue. The surface of the site consists mostly of asphalt paving, graveled and graded areas were observed near the site boundaries. Several piles of debris consisting of treated wood, metal, automobile parts and construction materials were observed throughout the subject site. Three monitoring wells were noted on the subject site.

Our site reconnaissance revealed no evidence suggesting the presence of active USTs, such as air vent pipes, or fill ports, nor did we observe evidence of significant spills or hazardous materials on site.

### 5.3 Surrounding Area Reconnaissance

An AEE representative conducted a reconnaissance of the area immediately surrounding the subject site on 25 October 1995. The purpose of this reconnaissance was to observe land use in the site vicinity and to evaluate the potential for nearby businesses to generate, use, or store hazardous substances that may affect the subject site.

As previously noted, the subject area is characterized primarily by industrial use, several surrounding sites appear on various government environmental listings (see Section 5.4). The businesses which are closest to the subject parcel include an asphalt-roofing production facility, Fields Corporation, located north and east of the subject site; and a lumber transporting facility, Pacific Lumber Company, located south and west of the subject site.

- According to Mr. Tom Bentley, President of Aurora Consolidators, the Fields Corporation, an asphalt-roofing manufacturer, may be sporadically releasing its production wastewater onto the graded surface of 49th Street. At the time of our site visit the surface of 49th Street was not visible due to approximately six inches of water pooled near the entrance gate of the subject site. Mr. Bentley stated that this wastewater often flows onto the subject site and pools in areas near the northeast corner, although no pools were observed on the subject site during our site reconnaissance. Reportedly the wastewater is inconspicuously released from the Fields Corporation facility during periods of rain and/or weekends.
- The Pacific Lumber Company maintains several piles of debris near the western boundary of the subject site. This western adjacent property consists of graded land used for the storage and transportation of lumber, both chemically treated and untreated. Typically, the debris piles consist of lumber materials, construction materials and automobile parts. Several unlabeled 5-gallon steel containers were observed in the debris piles and floating in puddles near the western boundary of the subject site.

#### 5.4 Regulatory Agency Data Review

Readily available regulatory agency reports generated from databases were reviewed with respect to the subject site, and surrounding properties. The reports, obtained from federal, state, and local government agencies, were reviewed in an effort to document any reported environmental problems or concerns which have occurred at the site or in the surrounding area. Sites or facilities appearing on the reviewed reports, within a certain distance or radius of the subject site, are discussed below. The search radii AEE utilizes for its standard Phase I reports meet or exceed those specified in the American Society for Testing and Materials (ASTM) Standard E 1527-94. The following reports were reviewed (AEE's standard search radius for each report is listed in parentheses):

- U.S. Environmental Protection Agency (EPA) Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) report (one-half mile) and sites on the National Priority List (one-mile);
- Washington State Department of Ecology's (Ecology) Confirmed and Suspected Contaminated Sites (C&SCS) report (one mile);

- EPA's Resource Conservation and Recovery Act (RCRA) report (adjacent properties) including RCRA Treatment, Storage, and Disposal (TSD) Facilities (one mile);
- Ecology's Underground Storage Tank (UST) registration list (adjacent properties);
- Ecology's Leaking UST (LUST) list (one-half mile); and
- Emergency Response Notification System (ERNS) Spill Response Reports (site itself); and
- Landfills (one-half mile).

It should be noted that the Commencement Bay area has been designated a high priority hazardous region with the EPA and Ecology. The Hylebos Waterway was constructed in the 1920s, at which time it extended to a point that is now referred to as the lower turning basin. Industrial development also began along the waterway in the 1920s. Historical development in the area included two smelting industries in the early 1940s, and numerous log yards. During development of this area, ASARCO slag was utilized in most of these yards, and has since been implicated as a source of metals contamination.

In 1954-1955, the waterway was extended to its current length, which includes the portion of the waterway which is located near the subject site. Based on a Commencement Bay Nearshore/Tideflats Remedial Investigation Final Report, Commencement Bay was "listed as the highest priority site in the state of Washington and one of the 10 highest national priority sites [eligible for] federal funding of remedial action under CERCLA." At that time, the Commencement Bay region was divided into four areas. The subject area falls into the Tideflats Industrial area, and in December 1982, the EPA designated this area as a separate project. In 1983, the Tideflats Industrial area was promulgated a National Priorities List (NPL) site. A NPL designation is attributed to sites which represent a long-term environmental threat.

AEE contacted Mr. Dave Smith of Ecology's Toxic Cleanup department in regards to the subject site. According to Mr. Smith, the subject site has not been currently identified as a potentially responsible party (PRP) in the Commencement Bay NPL area based on Ecology's records, nor have the immediately adjacent properties been identified as PRPs. AEE also contacted Ms. Christina Ngo of the Environmental Protection Agency's (EPA) Region X regarding the possible inclusion of the subject site as a PRP. According to Ms. Ngo the subject site is not currently listed as a PRP with the EPA.

#### **5.4.1 Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)/National Priorities List (NPL)**

The CERCLIS database is used by EPA to track activity conducted under the Superfund Program. Three types of sites are listed on this inventory, including sites which may be hazardous and require a preliminary investigation; sites for which no further remedial action is planned (NFA); and sites which represent a long-term threat and are classified on the

National Priorities List (NPL). The reviewed CERCLIS list (dated 14 September 1995) lists no NPL sites located within an approximate one-mile radius of the subject site. **Eight CERCLIS sites are located within an approximate one-half-mile radius of the subject site.**

MURRAY PACIFIC LOG SORTING YARD at 3502 Lincoln Avenue	.....	adjacent southwest
DON OLINE LANDFILL at 1801 Alexander	.....	1/4 mile southwest
U S GYPSUM COMPANY at 2301 Taylor Way	.....	1/4 mile east
CASCADE TIMBER LOG SORTING YARD #1 at 2502 Marine View Drive	.....	1/2 mile northeast
ELF AUTOCHEM NORTH AMERICA at 2901 Taylor Way	.....	1/2 mile southwest
PETERSON OIL COMPANY at 1622 Marine View Drive	.....	1/2 mile north
RHONE POULENC BASIC CHEMICALS at 2545 Lincoln Avenue	.....	1/2 mile south
TACOMA BOATBUILDING COMPANY at 1840 Marine View Drive	.....	1/2 mile north

Murray Pacific Log Sorting Yard-

We reviewed Ecology's file for the Murray Pacific Log Sort Yard located at 3502 Lincoln Avenue. A Final Cleanup Action Plan written by Kennedy/Jenks/Chilton in November 1994 indicated that from 1975 to 1980, approximately 29,000 tons of slag generated by ASARCO (a copper smelting facility) was placed on the site for use as road bed. Soil cleanup levels have been determined for arsenic, chromium, and lead.

While we did not find any NPL sites within a mile of the subject property that are designated NPL sites, as previously noted, the entire Tacoma Tidelands Industrial area has received NPL status designation (see Section 5.4).

**5.4.2 Confirmed and Suspected Contaminated Sites Listing (C&SCS)**

Ecology's C&SCS report lists suspected or confirmed hazardous substance sites in the State of Washington. Ecology updates the C&SCS report in May and November. **The reviewed C&SCS report (dated 8 May 1995) revealed eight sites located within an approximate one-mile radius of the subject site.**

**CONFIRMED SOIL AND GROUNDWATER CONTAMINATION-**

Chemical Processors, Inc. at 1701 Alexander Avenue	.....	1/2 mil southwest
Airo Services, Inc. at 4110 E 11th Street	.....	3/4 mile northwest
Elf Autochem at 2901 Taylor Way	.....	3/4 mile east

**CONFIRMED SOIL CONTAMINATION**

Fields Corporation at 2240 Taylor Way	.....	adjacent east
General Metals at 1902 Marine View Drive	.....	1/2 mile north
Don Oline Auto Fluff at 1940 Marine View Drive	.....	1/2 mile northeast
Don Oline Landfill at 1801 Alexander Avenue	.....	1/2 mile south
Cascade Timber at 3636 Marine View Drive	.....	1 mile east

Fields Corporation -

Fields Corporation Site at 2240 Taylor Way is listed with contaminated soil and remediated ground water. For additional information on activities at this site, we visited Ecology's

Southwest Regional Office; however, the file for this site was not available. As this site is situated adjacent to the subject site to the east it is possible that this site could have an impact on the subject property; it should also be noted that this site, which is also documented on the C&SCS list, may have contributed to area-wide contamination.

#### 5.4.3 Resource Conservation and Recovery Act (RCRA)

The RCRA report is a list of regulated generators, handlers, transporters, and disposers of hazardous materials. Listing on the RCRA report does not indicate a facility has been adversely affected by a hazardous material, but merely the facility is required to monitor and document hazardous waste activities to EPA or Ecology. Based on EPA's report (dated 16 June 1995), one RCRA site was reported adjacent to the subject property. No listing was on file for the subject property. Two RCRA-TSD sites were reported within one mile of the subject property.

RCRA - TSD -  
Reichold Chemical, Inc. at 3320 Lincoln Avenue ..... 1/8 mile south  
Lilyblad Petroleum, Inc. at 2244 Port of Tacoma Road ..... 3/4 mile south

RCRA -  
Dyno Overlays, Inc. at 3320 Lincoln Avenue ..... 1/8 mile south

AEE requested information regarding these RCRA sites for review at Ecology. However, to date, Ecology has not supplied this information. Should AEE receive any information in regards to these sites that would negatively impact the findings of this report, AEE will provide an addendum to the client.

#### 5.4.4 Underground Storage Tanks (UST)

Leakage from USTs is a potential source of environmental contamination. In general, UST facilities represent a threat because if their tanks should leak, contaminants could potentially impact surrounding properties, especially those in down gradient locations. Based on Ecology's report of registered USTs in the State of Washington (dated 2 February 1995) there are no USTs registered to the subject property or properties adjacent to the site.

#### 5.4.5 Leaking Underground Storage Tanks (LUST)

Ecology's LUST list is limited to reported leaking USTs. According to Ecology's Southwest Regional Office (SWRO) list dated (9 July 1995), nine LUST facilities are located within an approximate one-half mile radius of the subject site.

Murray Pacific at 3502 Lincoln Avenue ..... adjacent south  
Centex AG, Inc at 1801 Taylor Way ..... 1/4 mile west  
Northwest Wire Rope & Equipment, Inc. at 2301 Lincoln ..... 1/4 mile south  
AOL Express, Inc. at 2000 Taylor Way ..... 1/4 mile east  
Reichold Chemical at 2340 Taylor Way ..... 1/2 mile east  
Jones Washington Stevedoring Co. at 2339 Lincoln Avenue ..... 1/2 mile south

Puget Sound Chip Center at 2340 Alexander Avenue ..... 1/2 mile south  
Streich Bros., Inc. at 1650 Marine View Drive ..... 1/2 mile north  
Manke Lumber Co. at 1717 Marine View Drive ..... 1/2 mile north

Murray Pacific -

For additional information regarding this site, see the CERCLIS section of this report.

**5.4.6 Emergency Response Notification System (ERNS)**

The ERNS Report is a national database used to collect information on reported accidental releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the United States Coast Guard, the National Response Center, and the United States Department of Transportation. **The yearly reports, dated from 1987 through January 1995, do not list the subject site.**

**5.4.7 Landfills**

A review of the EPA's *Inventory of Open Dumps* (dated June 1985) revealed no open dumps located within one-half mile of the subject site. *The Municipal Solid Waste Facilities (MSW) Located in the State of Washington* report by Ecology (dated August 1992) revealed no MSWs located within one-half-mile of the subject site. According to the Pierce County Health District Record of Municipal Solid Waste Sites, dated August 1992, and the Tacoma-Pierce County Health Department's Closed Landfill Study dated April, 1993, there are no Abandoned Landfills located within one-half mile of the subject site.

**6.0 CONCLUSION**

Based on the available data we have obtained for this report, and taking into account the past land use history of the subject property and immediate surrounding area, the potential for the presence of contamination on the property as a result of current or past on- or off-site activities may be considered likely.

On-site concerns include activities such as the former storage of liquid fiberglass resin, the storage and handling of battery carcasses, petroleum, paints, and other hazardous waste materials is also a potential item of concern. Based on our review of previous geotechnical reports the presence of volatile organic compounds in site soil and groundwater. Styrene and ethylbenzene appear to be the two primary compounds of concern.

Based our discussions with Ecology and EPA Region X, the subject site has not currently been named a PRP for the Commencement Bay NPL, however, if contaminants are identified on site which are similar to those in Commencement Bay, there is a potential that the subject property could be named a PRP.

As previously noted, the general subject area is a very industrial region, and background levels of area-wide contamination are generally higher than that of non-industrial neighborhoods.

The Commencement Bay area has been designated a high priority hazardous region with the EPA and Ecology. In 1983, the Tideflats Industrial area, which includes the subject area, was promulgated a NPL site.

Based on our review of governmental environmental and health agency records, there are several potentially hazardous sites in the vicinity of the subject property, including Murray Pacific Log Sort Yard adjacent to the south and west which is documented on the LUST and CERCLIS lists; Fields Corporation across 49th Avenue NE to the east of the site, of which is documented on the C&SCS list.

Of particular concern is the presence of the Fields Corporation, across 49th Avenue NE to the east of the site. This property has had reports of releases of non-halogenated solvents, as well as xylene and hydraulic fluid spills, which are considered hazardous wastes in Washington State. Due to the adjacent location of this site relative to the subject parcel, the potential for this site impacting the subject site is of particular concern.

We appreciate this opportunity to be of service to you on this project. Should you have any questions regarding this assessment, please do not hesitate to contact us.

Respectfully submitted,

AGRA Earth & Environmental, Inc.



Maria L. Agne  
Staff Environmental Assessor

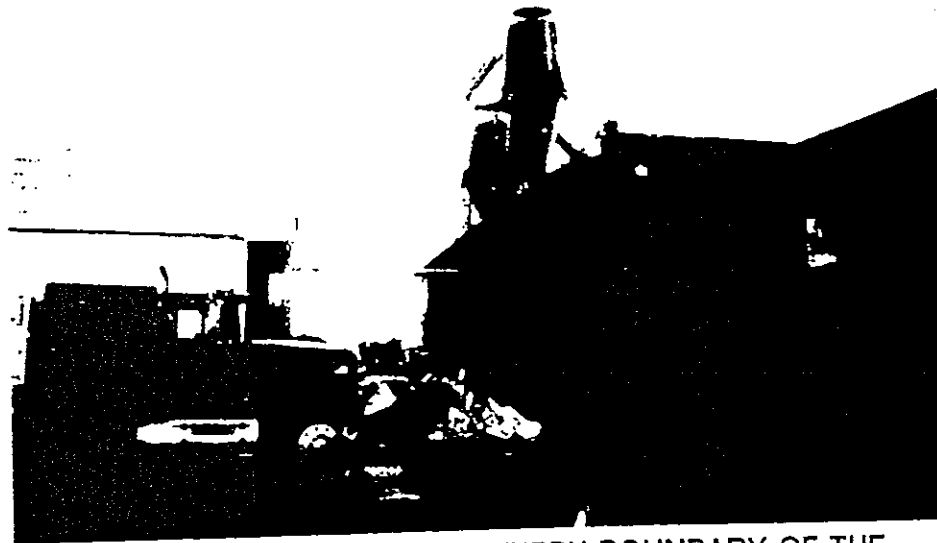


James S. Dransfield, P.E.  
Senior Associate  
Associate

MLA/JSD



NEAR THE EASTERN ENTRANCE TO THE SUBJECT SITE,  
VIEWING WEST (TRANSPORTING FACILITY)



NEAR THE CENTER OF THE NORTHERN BOUNDARY OF THE  
SUBJECT SITE, VIEWING SOUTH (PILES OF WOOD DEBRIS)



**AGRA**  
**Earth & Environmental**

11335 NE 122nd Way, Suite 100  
Kirkland, Washington, U.S.A. 98034-6918

W.O. 11-08158-4  
DESIGN MLA  
DRAWN DMW  
DATE OCT 1995  
SCALE N.T.S.

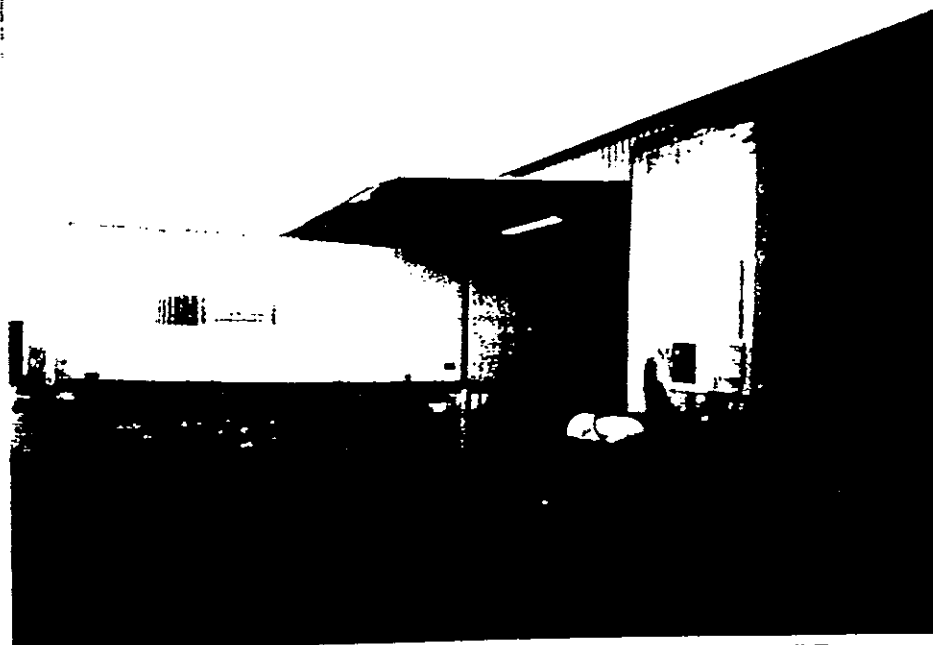
**TAYLOR WAY & LINCOLN AVENUE SITE**  
**2150 TAYLOR WAY**  
**TACOMA, WASHINGTON**

**SITE PHOTOGRAPHS**

**FIGURE 3**



NEAR THE EASTERN BOUNDARY OF THE SUBJECT SITE,  
VIEWING EAST (FIELDS CORPORATION AND 49th AVENUE N.E.)



NEAR THE NORTHEAST CORNER OF THE SUBJECT SITE,  
VIEWING WEST (PROPANE FUEL AST)

AGRA Earth & Environmental, Inc.

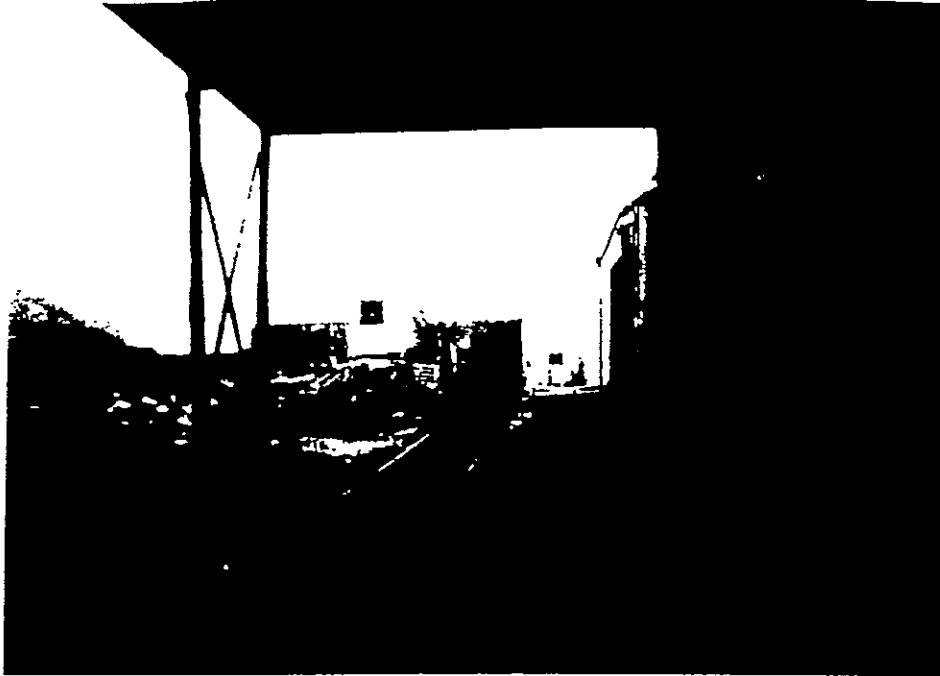
**AGRA**  
**Earth & Environmental**  
11335 NE 122nd Way, Suite 100  
Kirkland, Washington, U.S.A. 98034-6918

W.O. 11-08158-4  
DESIGN MLA  
DRAWN DMW  
DATE OCT 1995  
SCALE N.T.S.

**TAYLOR WAY & LINCOLN AVENUE SITE**  
**2150 TAYLOR WAY**  
**TACOMA, WASHINGTON**

**SITE PHOTOGRAPHS**

**FIGURE 4**



NEAR THE NORTHWEST CORNER OF THE SUBJECT SITE,  
VIEWING EAST (RAILROAD SPUR)



NEAR THE WESTERN BOUNDARY OF THE SUBJECT SITE  
VIEWING SOUTHEAST (55-GALLON DRUMS IN STEEL  
RETENTION BASIN)

AGRA Earth & Environmental Inc.

**AGRA**  
**Earth & Environmental**  
11335 NE 122nd Way, Suite 100  
Kirkland, Washington, U.S.A. 98034-6918

W.O. 11-08158-4  
DESIGN MLA  
DRAWN DMW  
DATE OCT 1995  
SCALE N.T.S.

**TAYLOR WAY & LINCOLN AVENUE SITE**  
**2150 TAYLOR WAY**  
**TACOMA, WASHINGTON**

**SITE PHOTOGRAPHS**

**FIGURE 5**

11-08158-4

11-08158-4

(

( )

(←

F

**APPENDIX F**

**Other Pertinent Data**

**APPENDIX F.1**  
**Asbestos Analytical Results**

DATE OF SAMPLING: September 22, 1997

TO: Wells Fargo Retchs  
333 S. Grand Avenue, Ste. 740  
Los Angeles, CA 90071



HILLMANN ENVIRONMENTAL CO., INC.  
ENVIRONMENTAL CONSULTING & LAB SERVICES

1600 ROUTE 22 EAST  
UNION, NEW JERSEY 07083-1597  
(908) 688-7800  
Fax (908) 686-2636

Location: Granum Property/2150 Taylor Way/Tacoma, WA  
HECO #C1-1500

Field Technician: M. Kubler  
Date of Analysis: September 23, 1997

**BULK SAMPLE CERTIFICATE OF ANALYSIS**

Method: EPA/600/R-93/116; PLM with Dispersion Staining/NY ELAP 10926

<u>LAB ID #</u>	<u>SAMPLE ID/LOCATION</u>	<u>CONTENTS</u>	<u>PERCENT</u>
B95325	01/Bldg. B/NE Corner/Sample of: Drywall/Color: White/Brown	Cellulose Fibrous Glass Non-Fibrous	8 2 90
B95326	02/Bldg. C/Break Room/SW Corner/ Sample of: Flooring/Color: Tan	Cellulose Fibrous Glass Non-Fibrous	15 5 80
B95327	03/Bldg. C/Warehouse/First Room/ Sample of: Drywall/Color: White/ Brown	Cellulose Non-Fibrous	15 85

Analyst Signature: \_\_\_\_\_

*Michelle Barone*



**APPENDIX F.2**  
**Lead Paint Analytical Results**



DRAFT

PAI Batch # 97-3687

Client: Hillman Environmental  
Project: Granum - Tacoma, WA  
Matrix: Paint Chip/Coating  
Analysis: Total Lead / EPA SW-846 method 7420  
Date: 9/26/97

Analyst: Robert Gallaher

### Lead (Pb) Sample Results

PAI Lab ID	Client ID	LoD in mg/kg	mg/kg or ppm	Result in %
9709262	C1 1500 L1	88	840	0.0840

### QA/QC Results

9709262 - Matrix Spike 103 % Recovery  
 Method Blank < 90 mg/kg

---

mg/kg - Milligrams per kilogram  
 ppm - Part per million  
 LoD - Limit of detection  
 < - Below detection limit

---

**APPENDIX F.3**

**Title Data**

9705160210

①  
AFTER RECORDING MAIL TO:  
Douglas C. Granum  
P.O. Box 171  
Southworth, WA 98386

97 MAY 16 AM 9:51

RECORDED  
CATHY PEARCE-LL-STIPES  
AUDITOR PIERCE CO. WASH

Filed for Record at Request of  
First American Title Insurance Company  
Escrow Number: 965509JDI



First American Title  
Insurance Company

Statutory Warranty Deed

Grantor(s): R.W. Investment Company  
Grantee(s): Douglas C. Granum and Katharine T. Granum  
Abbreviated Legal: Tracts 1&2 of Pierce County short Plat 075-184, Vol.3 pg.46  
Additional legal(s) on page: 1  
Assessor's Tax Parcel Number(s): 0321355001, 0321355002

F.A.T.  
397259  
MAY 16 1997

THE GRANTOR R.W. Investment Company, a Colorado Partnership  
for and in consideration of Ten Dollars and other good and valuable consideration and  
as part of an IRC Section 1031 Tax Deferred Exchange  
in hand paid, conveys and warrants to Douglas C. Granum and Katharine T. Granum,  
husband and wife  
the following described real estate, situated in the County of Pierce, State of Washington:  
PARCEL "A": Tracts 1 and 2 of PIERCE COUNTY SHORT PLAT NO. 75-184,  
according to Plat recorded in Volume 3 of Short Plats at page 46, in Tacoma,  
Pierce County, Washington.  
Being City of Tacoma Short Plat no. 75-184  
PARCEL "B": A non-exclusive easement for ingress and egress as delineated  
on PIERCE COUNTY SHORT PLAT NO. 75-184, according to Plat recorded in Volume  
3 of Short Plats at page 46, in Tacoma, Pierce County, Washington.

See Attached Exhibit A  
Dated this 13th day of May, 1997

By R.W. Investment Company

By Ronald W. Pott  
Ronald W. Pott, General Partner

By William Grimm  
William Grimm, General Partner

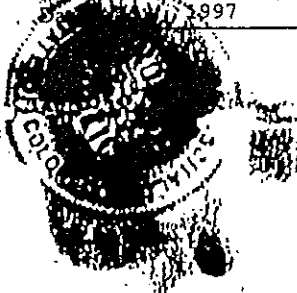
By \_\_\_\_\_

STATE OF Colorado  
County of Duane

SS:

I certify that I know or have satisfactory evidence that William Grimm  
is the person who appeared before  
me, and said person acknowledged that he signed this instrument, on oath stated that he is  
authorized to execute the instrument and acknowledge it as the General Partner  
of R.W. Investment Company

in the free and voluntary act of such party for the uses and purposes mentioned in this instrument.



Barbara L. Gassdell  
Notary Public in and for the State of Colorado  
Residing at 1600 Broadway, Ste  
My appointment expires: May 30, 2000

EXCISE TAX PAID \$ 1290.5  
Re. No. 937847 Date 5-16-97  
Pierce County

Page 1 By J. Granum Auth Sig LPB-10

9705160210

PLEASE IF THE DOCUMENT IS THIS FRONT TO BE CLEAR FROM THIS NOTICE.

ACKNOWLEDGMENT

ATTACHED TO and made a part  
of Statutory Warranty Deed

STATE OF Colorado }  
County of Denver } SS:

I certify that I know or have satisfactory evidence that Ronald W. Pott  
is the person who appeared before  
me, and said person acknowledged that he signed this instrument, on oath stated that he is  
authorized to execute the instrument and acknowledge it as the General Partner  
of R.W. Investment Company  
to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument.

Dated: May 21, 1997

Thomas F. Marshall  
Notary Public in and for the State of Colorado  
Residing at 1600 Broadway, Ste. 500  
My appointment expires: May 30, 2000



NOTICE: IF THE DOCUMENT IN THIS FRAME IS LESS CLEAR THAN THIS NOTICE,  
IT IS DUE TO THE QUALITY OF THE DOCUMENT.

## Exhibit A

Subject to:

1. Any connection, tap or in lieu of assessment fees in accordance with Statute, City Charter or by instrument recorded Nov. 1, 1978 under auditor's no. 2864651.
2. Easement and the conditions contained therein recorded Oct. 10, 1963 under auditor's no. 2028624 in favor of City of Tacoma.
3. Restrictions, conditions, dedications, notes, easements and provisions contained and/or delineated on the face of the Short Plat recorded in volume 3 of short plats at page 46 in Pierce County, Washington.
4. Agreement to place fill on our adjoining properties at 49th Street and Taylor Way and the terms and conditions thereof between Fields Products, Inc. and R.W. Specialties, Inc., Western Turnings Division recorded June 20, 1989 under auditor's no. 8906200375.
5. Provisions of Chapter 45 of the Sessions Laws of 1939 (now replaced by Chapter 73 of the Sessions Laws of 1955) of the State of Washington relating to the use and sale of that portion of said premises in the southwest quarter of the northeast quarter of Section 35, Township 21 North, Range 3 East of the Willamette Meridian, which is the South 50 feet of the herein described property.
6. Unrecorded leaseholds, if any, rights of vendors and security agreement on personal property and rights of tenants and secured parties to remove trade fixtures at the expiration of the term.
7. The terms and conditions of that certain unrecorded lease executed by R.W. Investment Company, as lessor and Greer, Tank and Steel, as lessee.
8. Real property taxes or assessments due after the recording date of this instrument.
9. Easements consistent with the Grantee's intended use of the property; Reserved oil and/or mineral rights; rights reserved in federal patents or state deeds; and government building and land use regulations, codes or laws, however, this reference shall not operate to re-impose same.
10. (1) Unpatented mining claims; (2) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (3) Water rights, claims or title to water; whether or not the matters are shown by the public records; (4) Indian tribal codes or regulations, Indian treaty or aboriginal rights, including easements or equitable servitudes.



City of Tacoma Public Works Department

Building and Land Use Services Division

747 Market Street

Tacoma, WA 98402-3793

Telephone: (253) 591-5004 Fax: (253) 591-5433

To: Mike Kubler  
14126 - 34th Pl. S.  
Tukwila, WA 98148

Date: 22 September 1997

No. Pages 11 plus cover

Via: Mail ( )

Fax ( )

From: Ausa O'Hanlon  
Telephone: 5011.5577

Contents/Comments: The first nine pages are copies of building  
permits that have been taken out for 2150 Taylor Way.  
The last two pages are listings of plans we have  
in archives of past projects. I find no land use  
permits for the address, but it may be because such  
permits were not filed under that address. If you need  
more info as you get into your research, please call us.  
To view plans, come on down to the address above, 3rd  
floor, Monday - Friday, 8-5 pm.  
Confirmed transmittal: \_\_\_\_\_

# BUILDING INSPECTION RECORD

DEC 6 1966

ADDRESS <del>3096 Taylor Way</del> 2150 TAYLOR WAY		OWNER American Lumber Mfg. Co.		ZONE M 3																										
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION																										
DATE 3-14-66	No. E 23015	DATE 3-24-66	No. D 1711	BUILDING FINAL OK 4-6-66 JF																										
NATURE OF WORK \$5500 Addn. to office bldg.		<table border="1" style="width: 100%; text-align: center; font-size: small;"> <tr><td>WATER-CLOSETS</td><td>BATH TUBS</td><td>WASH BASINS</td><td>SINKS</td><td>WASH TRAYS</td><td>A.W. MACHINE</td><td>WATER-HTR.</td><td>FLOOR DRAINS</td><td>SUMPS</td><td>SHOWER BATHS</td><td>URINALS</td><td>DISHWASHER</td><td>DR. FOUNTAIN</td></tr> <tr><td>1</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td></tr> </table>	WATER-CLOSETS	BATH TUBS	WASH BASINS	SINKS	WASH TRAYS	A.W. MACHINE	WATER-HTR.	FLOOR DRAINS	SUMPS	SHOWER BATHS	URINALS	DISHWASHER	DR. FOUNTAIN	1	1								1				PLUMBING	
WATER-CLOSETS	BATH TUBS		WASH BASINS	SINKS	WASH TRAYS	A.W. MACHINE	WATER-HTR.	FLOOR DRAINS	SUMPS	SHOWER BATHS	URINALS	DISHWASHER	DR. FOUNTAIN																	
1	1									1																				
FOUNDATIONS OK 3-22-66 JF			ROUGH OK 4-1-66 JF		FINAL OK 7-15-66 JF																									
CHIMNEYS			HEATING		FINAL																									
FRAMING OK 4-6-66 JF			SEWER OR SEPTIC TANK		H-12-66 JF																									
GARAGES																														
Fister Constr.			Union Plmbg.																											
CONTRACTOR			CONTRACTOR		3-10-66																									

## BUILDING INSPECTION RECORD

Bldg. Address 2150 Taylor	Owner:	Perm. C.O.
ZONE:	Address:	Date Issued
ENERGY: TEC _____ WSEC _____	Phone:	ZONE:
BUILDING PERMIT	PLUMBING PERMIT	MECHANICAL PERMIT
Permit No./Date:	Permit No./Date:	Permit No./Date:
Val/Descr. of Work:	WC _____ TUB _____ BASIN _____ SINK _____	For:
	AWM _____ WH _____ FLR DR _____ SHWR _____	
	URIN _____ ADW _____ BWV _____	Ht Pump _____ A/A Ht Exch _____ Ht Type _____
	OTHER	Contractor:
Contractor:	Contractor:	Phone:
Address:	Phone:	INSPECTIONS
Phone:	INSPECTIONS	Duct Work:
INSPECTIONS	Ground Work:	Rough:
Foundation:	Rough:	
Framing:		
ENERGY:		
FINAL:	FINAL:	FINAL:

# BUILDING INSPECTION RECORD

Bldg. Address: 2150 Taylor Way	Owner: Western Turnings	Perm. C.O. _____ Date Issued _____
ZONE: _____	Address: _____	
ENERGY: TEC _____ WSEC _____	Phone: _____	ZONE: _____
<b>BUILDING PERMIT</b>	<b>PLUMBING PERMIT</b>	<b>MECHANICAL PERMIT</b>
Permit No./Date: 883044-8/3/88	Permit No./Date: _____	Permit No./Date: _____
Val/Descr. of Work: 1,292 Install fire protection system.	WC _____ TUB _____ BASIN _____ SINK _____ AWM _____ WH _____ FLR DR _____ SHWR _____ URIN _____ ADW _____ BWV _____	For: _____ Ht Pump _____ A/A Ht Exch _____ Ht Type _____
Contractor: Wormald Fire Sys.	OTHER _____ Contractor: _____	Contractor: _____
Address: _____	Phone: _____	Phone: _____
Phone: 922-6644	<b>INSPECTIONS</b>	<b>INSPECTIONS</b>
<b>INSPECTIONS</b>	Ground Work: _____	Duct Work: _____
Foundation: _____	Rough: _____	Rough: _____
Framing: _____		
ENERGY: _____		
FINAL: _____	FINAL: _____	FINAL: _____

PWK 4130 0005 (02/86)

S/W Permit/Date Issued \_\_\_\_\_

# BUILDING INSPECTION RECORD

ADDRESS 2150 TAYLOR WAY <del>5376 Lincoln Ave.</del>	OWNER George Katica	ZONE M 3																										
<b>BUILDING PERMIT</b>	<b>PLUMBING PERMIT</b>	<b>INSPECTION</b>																										
DATE 10-3-61 No.E 11241	DATE 11-6-61 No. C 5990	BUILDING FINAL <i>JK</i>																										
NATURE OF WORK Demolish fire damaged bldg; Constr. steel warehouse \$6000 IV		12-8-61 <i>JK</i> PLUMBING																										
FOUNDATIONS <i>Found</i> 12-8-61 <i>inspec.</i>		ROUGH 11-6-61 FINAL 11-2-62 <i>P</i>																										
CHIMNEYS		<b>HEATING</b>																										
FRAMING <i>Look 5-OK-12-8-61</i> <i>J.F.</i>	<table border="1" style="width:100%; border-collapse: collapse; text-align:center;"> <tr> <td>WATER-CLOSETS</td> <td>BATH TUBS</td> <td>WASH BASINS</td> <td>SINKS</td> <td>WASH TRAYS</td> <td>A.W. MACHINE</td> <td>WATER-HTR.</td> <td>FLOOR DRAINS</td> <td>SUMPS</td> <td>SHOWER BATHS</td> <td>URINALS</td> <td>DISHWASHER</td> <td>DR. FOUNTAIN</td> </tr> <tr> <td></td> <td></td> <td>2</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	WATER-CLOSETS	BATH TUBS	WASH BASINS	SINKS	WASH TRAYS	A.W. MACHINE	WATER-HTR.	FLOOR DRAINS	SUMPS	SHOWER BATHS	URINALS	DISHWASHER	DR. FOUNTAIN			2				1							<b>FINAL</b>
WATER-CLOSETS	BATH TUBS	WASH BASINS	SINKS	WASH TRAYS	A.W. MACHINE	WATER-HTR.	FLOOR DRAINS	SUMPS	SHOWER BATHS	URINALS	DISHWASHER	DR. FOUNTAIN																
		2				1																						
		SEWER OR SEPTIC TANK																										
		11-6-61 <i>C</i>																										
George F. Katica	Allison																											

**BUILDING INSPECTION RECORD**

BUILDING ADDRESS 2150 Taylor Way		OWNER Western Furnings		ZONE	
LESSEE		OWNER'S ADDRESS			
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE	NO.	DATE	NO.	BUILDING	FINAL
NATURE OF WORK		WATER-CLOSETS BATH TUBS WASH BASINS SINKS WASH TRAYS A.W. MACHINE WATER-HEATER FLOOR DRAINS SUMPS SHOWER BATHS URINALS DISHWASHER DR. FOUNTAIN	PLUMBING		
FOUNDATION			ROUGH		
CHIMNEYS			FINAL		
FRAMING			HEATING		
GARAGES			FINAL <i>ok RLB- 9/24/85</i>		
			SEWER OR SEPTIC TANK		
CONTRACTOR			CONTRACTOR		

PWK 4130 0005 (09/78)

**BUILDING INSPECTION RECORD** *PL 5-784*

BUILDING ADDRESS 2150 Taylor Wy.		OWNER Western Turnings Co.		ZONE	
LESSEE		OWNER'S ADDRESS			
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE 3-11-83	NO. 830838	DATE	NO.	BUILDING	FINAL <i>ok</i>
NATURE OF WORK \$52,000 Const. new warehouse. VN		WATER-CLOSETS BATH TUBS WASH BASINS SINKS WASH TRAYS A.W. MACHINE WATER-HEATER FLOOR DRAINS SUMPS SHOWER BATHS URINALS DISHWASHER DR. FOUNTAIN	3/17/84 LIF - PLUMBING		
FOUNDATION <i>Plm 3/13/83 LIF</i>			ROUGH		
CHIMNEYS			FINAL		
FRAMING <i>Plm LIF</i>			HEATING		
GARAGES			FINAL		
9/28/83 LIF			SEWER OR SEPTIC TANK		
CONTRACTOR			CONTRACTOR		

PWK 4130 0005 (09/78)

Wickett Const. Co.

# BUILDING INSPECTION RECORD

PL 1516 79

BUILDING ADDRESS 2150 Taylor Way		OWNER Western Turning		ZONE M-3	
LESSEE		OWNER'S ADDRESS			
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE 5/7/79	NO. E 61548	DATE	NO.	BUILDING FINAL <i>OK</i>	
NATURE OF WORK \$16,000				PLUMBING	
Const storage bldg <i>OK</i>				ROUGH	
FOUNDATION 5/7/79 <i>J.F.</i>				FINAL	
CHIMNEYS				HEATING	
FRAMING <i>James &amp; J.H.</i>				FINAL	
GARAGES				SEWER OR SEPTIC TANK	
CONTRACTOR U.C. Sales		CONTRACTOR			

PWK 441 0072 (09-76)

# BUILDING INSPECTION RECORD

CO MAY 6 1968

ADDRESS 2150 TAYLOR WAY		OWNER American Lumber Co.		ZONE M 3	
<del>336 Lincoln Avenue</del>					
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE 7-12-67	NO. 26369	DATE	NO.	BUILDING FINAL <i>OK</i>	
NATURE OF WORK \$25,000				PLUMBING	
Add'n to warehouse V				ROUGH	
FOUNDATION <i>OK</i> 6-26-67 <i>J.F.</i>				FINAL	
CHIMNEYS				HEATING	
FRAMING <i>OK</i> 7-25-67 <i>J.F.</i>				FINAL	
GARAGES				SEWER OR SEPTIC TANK	
Fister Constr. Co.		CONTRACTOR			
106 Del Monte					

# BUILDING INSPECTION RECORD

ADDRESS <u>2150 Taylor Way</u>		OWNER <u>American Lumber Mfg.</u>		ZONE <u>M 3</u>	
<del>3376 Lincoln Avenue</del>					
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE <u>1-6-67</u>	NO. <u>24977</u>	DATE	No.	BUILDING <u>FINAL</u> <i>JR</i>	
NATURE OF WORK <u>\$500</u>				<u>3/6/67</u> <i>J.F.</i>	
<u>Covered leading area</u>				PLUMBING	
FOUNDATION <u>OK 1-10-67</u> <i>JF</i>				ROUGH	
				FINAL	
CHIMNEYS				HEATING	
				FINAL	
FRAMING <u>OK 4/6/66</u> <i>J.F.</i>				SEWER OR SEPTIC TANK	
GARAGES					
Fister Constr. 106 Del Monte					
CONTRACTOR		CONTRACTOR			

3-10-61

# BUILDING INSPECTION RECORD

ADDRESS <u>2150 Taylor Way</u>		OWNER <u>American Lumber Mfg.</u>		ZONE <u>M 3</u>	
<del>3376 Lincoln Avenue</del>					
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE <u>10-2-67</u>	NO. <u>27148</u>	DATE	No.	BUILDING <u>FINAL</u> <i>JF</i>	
NATURE OF WORK <u>\$2500</u>				<u>3-15-68</u> <i>J.F.</i>	
<u>Loading dock</u>				PLUMBING	
FOUNDATION				ROUGH	
				FINAL	
CHIMNEYS				HEATING	
				FINAL	
FRAMING				SEWER OR SEPTIC TANK	
GARAGES					
Fister Constr. 106 Del Monte Ave.					

# BUILDING INSPECTION RECORD

ADDRESS <u>2150 Taylor Way</u>		OWNER <u>American Lumber Mfg.</u>		ZONE	
<del>3376 Lincoln Avenue</del>					
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE <u>8-4-67</u>	NO. <u>E 26629</u>	DATE	NO.	BUILDING	FINAL <u>3-15-68</u>
NATURE OF WORK				OK-JF	
Covered car loading area				PLUMBING	
FOUNDATION <u>OK 8-8-67 JF</u>				ROUGH	
				FINAL	
CHIMNEYS				HEATING	
				FINAL	
FRAMING					
				SEWER OR SEPTIC TANK	
GARAGES					
John Kister 106 Del Monte					
CONTRACTOR		CONTRACTOR		3-10-61	

# BUILDING INSPECTION RECORD

ADDRESS <u>2150 Taylor Way</u>		OWNER <u>Lindal Cedar Homes</u>		ZONE	
<del>3376 Lincoln Avenue</del>					
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE	NO.	DATE	NO.	BUILDING	FINAL
NATURE OF WORK				PLUMBING	
FOUNDATION				ROUGH	
				FINAL	
CHIMNEYS				HEATING	
				FINAL <u>Gas Pipe OK 6-9-72 -HW</u>	
FRAMING					
				SEWER OR SEPTIC TANK	
GARAGES					
CONTRACTOR		CONTRACTOR		3-10-61	

# 2150 TAYLOR WAY BUILDING INSPECTION RECORD

BUILDING ADDRESS <u>2150 Taylor Way</u> <del>3376 Lincoln Ave.</del>		OWNER <u>Talmo Inc.</u>		ZONE <u>M 3</u>	
LESSEE		OWNER'S ADDRESS			
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE	NO.	DATE	NO.	BUILDING	FINAL
NATURE OF WORK				PLUMBING	
FOUNDATION				ROUGH	
CHIMNEYS				FINAL	
FRAMING				HEATING	
GARAGES				FINAL FIRE DEPT.	
				SEWER OR SEPTIC TANK	
CONTRACTOR		CONTRACTOR		3-10-61	

# BUILDING INSPECTION RECORD

BUILDING ADDRESS <u>2150 Taylor Way</u>		OWNER <u>Western Turnings</u>		ZONE	
LESSEE		OWNER'S ADDRESS			
BUILDING PERMIT		PLUMBING PERMIT		INSPECTION	
DATE	NO.	DATE	NO.	BUILDING	FINAL
NATURE OF WORK				PLUMBING	
FOUNDATION				ROUGH	
CHIMNEYS				FINAL	
FRAMING				HEATING	
GARAGES				FINAL <u>ok 12/17/85 P.L.B.</u>	
				SEWER OR SEPTIC TANK	
CONTRACTOR		CONTRACTOR			

# INSPECTION RECORD

ZONE K 3

2150 TAYLOR Way  
ADDRESS ~~2150 Taylor Way~~

PLAN FILE

C.O. DATE unknown

PERMIT		NATURE OF PERMIT	INSPECTIONS		
DATE	NO.		ROUGH FORMS	FRAME	FINAL
7-14-61	E 10440	Blkg. s/p veneer billboard 1350.			OK I
10-8-61	E 11212	Blkg. steel warehouse 2000. <sup>demolition fire damaged bldg.; const.</sup>	12-8-61	12-8-61 JF	12-8-61 J
11-6-61	C 5590	Plmbg. 5 fixtures	11-6-61		11-8-61 F
11-8-61	E 771	Sewer			11-6-61 C
12-10-61	E 11788	Blkg. 2 office bldgs. 2500. <sup>W 30.</sup>		12-26-61 JF	
12-17-61	E 11778	Blkg. warehouse roof 2500. <sup>C.O.</sup>		12-26-61 JF	1-9-62 JF
1-16-62	E 11978	Blkg. Hoopay cabin 1300. "			10-1-62 J
1-22-62	A 12145	Exp. 1 rack			
2-11-62	E 12135	Blkg. lumber stor bldg. 12,000. <sup>C.O. 6-7-64</sup>			1-27-64 J
2-5-62	A 12315	Exp. 2 conversion burner--gas			10-22-63
3-1-66	E 12017	Blkg. addn to office bldg. 2500.	3-22-66-JF	4-6-66 JF	1-6-66 C
3-21-66	E 12311	Plmbg. 3 fixtures	1-1-66 F		7-15-66
4-6-66	E 12335	Sewer			1-12-66

Bln No. <del>000000</del>	
Address 2150 TAYLOR WAY	
Plan No. BLD96-00521	
Project WEATHER ENCLOSURE - GREEN STEEL	
Date Received 4-5-96	032135-5001
Contact DOUG BABBIT	Phone 622-2700
EIS	Health Hist.
Refuse	Plng. N/A Mech. N/A
Ready to Issue 4-24-96	Assmt. Pd.
Notified	Fee
Issued 4-24-96	Permit No. BLD96-00521 Value \$ 16333 <sup>00</sup>

PWX 4125 0097 (05/90)

YY18

ADDRESS 2150 Taylor Way AREA FILE NO. 450  
 Parking canopy

REC'D. 10-29-87	TYPE	OCCUP.	DPW
CHK'D. BY	STORIES	SPRINKLERED	
DIV.	BLDG.	PLANNING	FIRE HEALTH CONST.
TO			OK'D./
FROM			REFUSE
RESUB		ENERGY	OK'D./ RIGHT OF WAY
			HIST. DIST.
TO	PLBG./MECH.	TRAFFIC	E.I.S. SAN./STM.
FROM			
BOND REQ'D.		AMT:	
ISSUED 12-16-87	PER # 875023	VALUE 42075	

ADDRESS 2150 TAYLOR WAY AREA FILE NO. RR-16  
 STORAGE WAREHOUSE

REC'D. 4-29-79

RESUB.	RESUB.	RESUB.
DIV.	BLDG.	OFFICE FIRE HEALTH URB. RE.
TO	4-26-79	4-26-79 5-2-79
FROM	5-1-79	5-1-79 5-4-79
TO		
FROM		
TO		
FROM		
REMARKS:		
ISSUED 5-7-79	PER # 156154	VALUE 16000 BLDs.

2212

ADDRESS 2150 Taylor Way AREA FILE NO. 749  
Western Turnings - modular office bldg

REC'D. 6-7-88 TYPE OCCUP. DPW  
 CHK'D. BY STORIES SPRINKLERED

DIV.	BLDG.	PLANNING	FIRE	HEALTH	CONST.
TO				OK'D/	
FROM				REFUSE	
RESUB			ENERGY	OK'D/	RIGHT OF WAY
				HIST. DIST.	
	PLBG/MECH.	TRAFFIC			
TO				E.I.S.	SAN/STM.
FROM					

BOND REQ'D. AMT.:  
 ISSUED 7-6-83 PER # 882554 VALUE 840,000

ADDRESS 2150 TAYLOR WAY AREA 4 FILE NO. 11413  
WAREHOUSE

REC'D. 2-8-83

RESUB. RESUB. RESUB. HAN UTILITIES

DIV.	BLDG.	OFFICE	FIRE	HEALTH	URB. RE.
TO	<u>2-15-83</u>	<u>2-8-83</u>	<u>2-25-83</u>	<u>2-8-83</u>	<u>2-8-83</u>
FROM	<u>2-25-83</u>	<u>2-9-83</u>	<u>3-3-83</u>	<u>2-14-83</u>	
TO					
FROM					
TO					
FROM					

REMARKS:

ISSUED 3-11-83 PER # 830838 VALUE 52,110 BLDs.

2210

ADDRESS 2150 Taylor Way AREA FILE NO. 549  
Western Turnings - new warehouse

REC'D. 1/20/83 TYPE OCCUP. DPW  
 CHK'D. BY STORIES SPRINKLERED

DIV.	BLDG.	PLANNING	FIRE	HEALTH	CONST.
TO				OK'D/	
FROM				REFUSE	
RESUB			ENERGY	OK'D/	RIGHT OF WAY
				HIST. DIST.	
	PLBG/MECH.	TRAFFIC			
TO				E.I.S.	SAN/STM.
FROM					

BOND REQ'D. AMT.:  
 ISSUED 4-4-88 PER # 881213 VALUE 176,220

1994

# Burns Auto Body Collision Center, Inc.

Unitonly Specialist  
"Life Time Guarantee"  
Darren, Rod & Randy

Same Location For More Than 20 Years

709  
FAX 296-572-0320  
6354 B 76th Ave  
Tacoma, WA 98406

● HOMEOWNER

326

**TAYLOR WAY-Contd**  
• E 11TH ST INTERSECTS  
1114 RAILROAD EMERGENCY SERVICE  
372-7881  
1123 Vacant  
1171 City Public Utilities (Light Div)  
272-8660  
1202 P Q CORP chem mfrs 627-1131  
P Q CORP (PLANT)  
1502 CASCADE TIMBER (SCALING RAMP)  
PIGGYBACK TRAILER STORAGE YARD  
1601 LOG STORAGE YARD  
1621 NORDLUND BOAT CO INC boat bldrs  
627-5300  
1801 MILES TRANSPORT INC trailer repair  
572-2170  
Vacant  
FAR WEST TRAILER REPAIR 572-6636  
1901 BUFFELEN WOODWORKING CO door  
mfg 627-1191  
BUFFELEN WOODWORKING (SHIP &  
REC)  
2000 Vacant  
• LINCOLN AV INTERSECTS  
2116 SUPERLON PLASTICS CO INC plastic  
pipe mfg 383-5877  
2150 Vacant  
Vacant  
2160 Vacant  
• 49TH AV NE INTERSECTS  
2240 FIELDS CORP asphalt roofing mfr  
627-4088  
FIELDS CORP (PLANT)  
2301 U S G INTERIORS INC (PLANT)  
383-1637  
U S G INTERIORS INC 627-0371  
2340 REICHHOLD ENVIRONMENTAL INC  
treated fiber products 627-0405  
Vacant  
2901 ATOCHEM NORTH AMERICA INC  
627-9101  
2902 Not Verified  
2952 Not Verified  
2955 Not Verified  
2958 PENNTAC FEDERAL CREDIT UNION  
572-2160  
3002 Vacant  
3003 PETROLEUM RECLAIMING SERVICES  
INC waste oil reclaiming 383-4175  
3009 Vacant  
3400 KAISER ALUMINUM & CHEMICAL  
CORP 383-1461  
3401 WEYERHAEUSER (EXPORT  
FACILITY)  
3601 LONE STAR NORTHWEST cement mfrs  
272-8314  
3701 LOUISIANA PACIFIC CORP lbr mfg  
383-2424  
3702 Not Verified  
• EAST-WEST RD INTERSECTS  
16 BUSINESSES

141

**TERRACE DR -FROM 640 N AURORA  
AV WEST**

• ZIP CODE 98405  
• N AURORA AV INTERSECTS  
7611 Johnston Harold B & Mary G 627-  
564-7236  
• N FERNSIDE DR INTERSECTS  
7825 Stacy Robt S 2 ● 568-3765  
• N KARL JOHAN AV INTERSECTS  
2 HOUSEHOLDS

100

**THIRTY-EIGHTH ST MALL -A  
SHOPPING CENTER AT 3121 S 38TH ST**

• ZIP CODE 98409  
1 GOODWILL INDUSTRIES  
2 PICWAY SHOES 472-3617  
3 GREAT WALL OF CHINA RESTAURANT  
473-2500  
4 HANCOCK FABRICS 474-8681  
4 BUSINESSES

66

**THOMPSON AV S -FROM 900 S 32D ST  
SOUTH**

• ZIP CODE 98408  
3222 Simmons Howard W 627-2655  
3223-3227 Not Verified (2 Hses)  
3228 Toms David M & Karen M 627-  
474-5146

3231 James Morris R & Susmie M 627-  
474-1309  
3235 Matthews Kathy A 627-7240  
3239-3243 Not Verified (2 Hses)  
3247 Wentworth Gene L & Catherine  
Robinson 627-2452  
3251-3261 Not Verified (3 Hses)  
3316 Davis Cyril W & Mary E 627-  
475-2715  
3320 Not Verified  
Burroughs Lloyd A & Nora P 627-  
475-5608  
• S 34TH ST INTERSECTS  
3402 Knight Albert 627-473-1312  
3406-3416 Not Verified (2 Hses)

• S 35TH ST INTERSECTS  
3502 Rawlins A M 627-475-6681  
Rawlins Douglas B 475-6681  
3506 Sample Les L & Rhonda L 627-  
3610 Hall Neil J & Beverly M 627-  
474-7102  
Hall Cornelius 474-7102  
Hall Steven C 474-7102  
3614 Not Verified  
3624 Quilton Eug J. & Joyce F. 627-  
475-8690

3628 Valentine Thos L & Joan 627-  
3532\*Burgin-Foster Aaron K & Toni M ●  
474-6901  
3636 Torkelson Mary F 627-474-4442  
3644\*Cunningham Mary  
Baylor Vickie  
Reed Anthony  
Hatcher Carl  
3644½ Cunningham Charles 627-  
Nisley Patricia

• S 36TH INTERSECTS  
3602 Lesscollet Donaki E & Lydia 627-  
472-6104  
3606 Daranouvong S & Douangy 627-  
3610 Vacant  
3614 Not Verified  
3620 Canas Marie T 627-  
3622 Kirby Earl A & Toni 627-  
3624-3628 Not Verified (2 Hses)  
3636\*Not Michl H & Tracey L  
Not Jordan

3640 Williams M I 627-475-5847  
• S 37TH INTERSECTS  
3702 Haulmann Ada C 627-472-6081  
3708\*Wolf Bonale  
3711 Not Verified  
3715 Apartments  
1 Berry Clara 627-474-3654  
1 Berry Robt B 474-3654  
2-3 Vacant (2 Apts)

3715½ Berry Denise 627-  
3719 Apartments  
1 Vacant  
2 Thomas John 627-  
2 Thomas Bill  
3\*Alchinger Randy  
4\*Dutchak Michelle

**3720 LINCOLN COURT APARTMENTS**

475-6507  
101 Vacant  
102 Cooley Edith 627-  
103 Nelson Syndey A 627-475-4624  
104 Keister Jerry 627-472-5463  
104 Keister Jerry Jr 472-5463  
105 Torres 627-  
106 Jones 627-  
107 Slier 627-  
108\*Kessa Korn  
109 Mc Craw Clave 627-472-2438  
110 Marlin Yvonne 627-  
111 Lopez 627-  
112 Payette 627-  
113 Vacant  
114 Turner 627-  
115 Vacant  
116 Duthie Robt 627-472-3216  
117 Ortiz 627-  
118 Berry Deborah 627-  
119 Nadeau Helen L 627-474-2314  
120 Olsen Irene 627-471-1993  
201 Miller Jeanne 627-474-2292  
202 Grant 627-  
203 Criveter Donzel 627-  
204 Seales Steve W D 627-  
206 Jordan Jeanette 627-  
206 Harvey 627-  
207 Por Cheng 627-472-4712  
208 Lewis 627-  
209 Focker 627-

210\*Martinez Jose  
211 Cooks Gai A 627-472-8643  
212 Pittman 627-  
213 Dyches 627-  
214 Rolfe 627-  
215 Nguyen 627-  
216 Lomax 627-  
217 Ingram 627-  
218 Crozier 627-  
219 Williams Sheila 627-  
220 Vacant

**3723 FAILOR APARTMENTS 475-4886**

1 Failor M E 627-  
2 Smith Jas 627-  
3 Baldwin Deborah 627-  
4 Adams D J 627-475-0068  
5\*Rudigrill Crystal  
6\*Gork Allan  
7\*Escalante A P

**3733 BETTERIDGE LOREN phys 472-4473**

MC NAUGHTON MARSE L phys  
472-4473

**3733½a Forrest James H 627-473-7056**

**3733½b Not Verified**

**• S 38TH INTERSECTS**

**3809 CABANA COURT APARTMENTS**

A Money W K & Maxine L 627-475-4459  
B Perkins Percy 627-  
1 Becker Alvert 627-471-0843  
2 Lew Ellen 627-  
3 Edwards Mark 627-  
4 Not Verified  
5 Vacant  
6 Robinson Ronald D 627-475-5624  
7\*Hall S  
8 Stephenson Ralph E & Dakota 627-  
472-2323  
9 Robinson 627-  
10\*Riley Anne Marie

**3812-3812½ Not Verified (2 Hses)**

**3814 Brown Lowell E & Coloma 627-  
474-4143**

**3815 Not Verified**

**3818 Gonzalez E M 627-474-4973**

**3820 Gonzalez Larry 627-474-5551**

**3821 KIMBERLY APARTMENTS 472-0238**

1 Buckholz Laura 627-475-0215  
2\*Palagru B & Lydia  
3 Longgreen 627-  
4 Workman Margt 627-473-5508  
5\*Hloznik M  
6\*Blakemore S  
7\*Anderson Clifford B  
8\*Wood V  
9\*Carlson Victor  
10 Lew H 627-  
11 Avery Joyce 627-  
12 Olson Esther A 627-472-4321  
13 Cole Jerry & Sue 627-  
14 Seir Joe 627-  
15 Vacant  
16 Anderson Marian 627-

**3824-3826 Not Verified (2 Hses)**

**• 39TH ST INTERSECTS**

**3901-3919 Not Verified (10 Hses)**

**• S 40TH INTERSECTS**

**4001\*Shaw Velda  
Phelon Nancy**

**4001½ Vacant**

**4009 Dillon 627-  
4010 THOMPSON AVENUE APARTMENTS  
756-8683**

A Rhoades R W 627-  
B\*Bennett Charles  
C FREEDOM PRINTING 474-6081  
C Kinzner Ron C 627-  
D\*Hylard Darlene  
E\*Barbour Charlotte  
F Home Christopher 627-  
F Packard Theresa

**4012 Not Verified**

**4015 Kelley Hugh 627-473-9691**

**Kelley Ruth 473-9691**

**4017 Duncan Donald D Jr 627-472-3844**

**4019 Chrusoskie 627-  
4020\*Grimes Daniel C & Leslie A ●  
473-2231**

**Grimes David C 473-2231**

**• S 41ST ST INTERSECTS**

4101 Hart Harold B & Betty J 627-  
475-0170  
Hart Nancy S 475-0170  
Mc Nelse B Ann 475-0170  
4102 Holmes K 627-471-9296

106

Desk-Top Publishing/Service Bureau

Camera Work

1960



# NATIONAL BANK OF WASHINGTON

MAIN OFFICE TACOMA, WASHINGTON

11 Tacoma Area Offices

28 Banking Offices Serving Washington

232

THE ALPHABETICAL SECTION TO GET COMPLETE INFORMATION ON U S E A PERSON OR FIRM

139  
**LENORE DRIVE**--From Country north, 3 west of Mildred N 11th intersects  
 1101 Gault Fremont C @ ASK9-5804  
 1108 Gregory Aaron L @ ASK9-9825  
 1109 Cunningham W Carl @ ASK2-8161  
 1114 Monrad Burr W @ ASK2-4861  
 1115 Plan Melvin J @ ASK9-8444  
 1116 Trueblood Wm D @ AGR2-3274  
 1121 No Return  
 1122 Combs Herbert R @ ASK9-8545  
 1127 Wirsdorfer Donald E @ ASK2-8126  
 1128 Shubert Phillip J @ ASK9-0025  
 1131 Johnson Robt J @ ASK2-0036  
 1308 Miller Lucille J @ ASK2-7694  
 N 13th intersects  
 1309 Richardson Robt B @ ASK2-3390  
 1312 Wells Wm C @ ASK2-1261  
 1313 Gillespie Theo W @ ASK2-1724  
 1318 BonEske Chas E ASK9-3140  
 1319 Sundgren Clive B ASK2-8005  
 1324 Bruvald Wm H @ ASK2-0148  
 1325 Arlhur Rich  
 1330 Theilade John E ASK9-8959  
 1331 May John S @ ASK2-5433  
 1335 Armstrong Edwin H @ ASK2-0655  
 1336 Sturdevant F Ellsworth @ ASK2-2175  
 1339 Johnson Carl E @ ASK2-8098  
 1342 Wright Jas B @ ASK9-9854  
 1345 Wagner Kirk S jr @ ASK2-5045  
 1346 Sluman Wm A @ ASK9-8063  
 1340 Kubista Stanley @ ASK2-0789  
 1352 Jones J Harry @ ASK2-1920  
 1355 Patterson Dorothy M Mrs @ ASK2-2552  
 1358 Wilson Donal @ ASK2-2433  
 1359 Brus Robt E @ ASK2-3947  
 1362 Seymour Danl E @ ASK9-7494  
 1365 Diamond Paul D @ ASK2-3631  
 1368 Hill Jack C ASK2-8043  
 1373 Vacant  
 1374 Roegner Harry F @ ASK2-4879  
 1378 Baker Frank @ ASK9-9530  
 1384 Vacant  
 1388 No Return  
 N 17th intersects

66  
**LESLIE**--From S 32d south, between Thompson av and South  
 3223 Haymon Jas M @ AGR4-6058

100  
**LEWIS PLACE** (Lincoln Heights Housing Project)--From S 35th south, 1 west of S Steele  
 2 Harris Ansba AGR5-1243  
 4 Williams Harold C AGR4-6863  
 5 Vacant  
 6 Vacant  
 7 Ogden Jos L AGR4-9884

141  
**LEWIS ROAD**--From Titlow rd north and west to 6th av  
 1405 Kingston Wm L @ ASK2-5168  
 1411 Johnson Edith Mrs @ ASK9-2498

139  
**LEXINGTON NORTH**--From 6601 N 17th north  
 N 18th intersects  
 N 21st intersects  
 N 22d intersects

5  
 N 38th intersects  
 N 40th intersects  
 N 42d intersects

4206 Pearson Chas T @ ASK9-8624  
 4218 Smith Wm D @ ASK2-5794  
 4302 Wiborg John R @ ASK9-5701  
 4310 Perdue Paul C @ ASK9-9265  
 4324 Hauser Louis V @ ASK8-7107  
 4327 Elliott Merton @ ASK9-3948  
 4330 Shull Harry E @ ASK2-1384  
 4333 Johnson Alex C @ ASK2-2501  
 4356 Carlson Reuben C @ ASK9-1277  
 4366 Rowe Chas F T @ ASK9-8233  
 4370 Lundgfen A E  
 4602 Hirsh Blake W ASK2-7201  
 4611 Finnegan John @ ASK2-3737  
 4620 Lumm A Gordon @ ASK9-7549  
 4625 Cumming Marlin L @ ASK2-1468  
 4632 Heflinger Loria S Mrs @ ASK9-2612  
 4633 Carbone John J @ ASK2-4118  
 4640 Pierce Guy T @ ASK9-1654  
 4646 Lucavish Lester G @ ASK9-7114  
 4647 Faure Eug R @ ASK9-6450  
 4658 Henricksen Thor J @ ASK9-6132  
 4801 Cusato Michl @ ASK2-5441  
 4802 Hoar Leslie L @ ASK9-9372  
 4808 Brigham Lawrence N @ ASK2-3211  
 4824 Dieter Val C @ ASK9-9628  
 4825 Burch Wallace S @ ASK9-1653  
 N 49th intersects  
 4902 Redmayne Wm L @ ASK2-5874  
 4906 Hoffman Edw P @ ASK9-8828  
 4907 Bertholet Marius A @ ASK9-9705  
 4911 Siler Lee S @ ASK2-0764  
 4912 Allen Pearl G ASK2-5022  
 4921 Vacant  
 4926 Bunker Alta E Mrs @ ASK9-1430  
 4941 Barnes Ralph W @ ASK2-7407  
 N 50th intersects  
 5010 Shanner Hubert P @ ASK2-1594  
 5047 Loftus Andrew @ ASK9-3003

137  
**LEXINGTON SOUTH**--From 6600 S 8th south

1B-1  
**LINCOLN AV** (Tide Lands)--Continuation of E 21st east  
 1620 Palco Steel & Salvage Co AMA7-4567  
 1652 Pac Auto Wrecking AFU3-1101  
 1662 Sea-Tac Equip Co diesel engs AFU3-1535  
 1674 Bunker J E Co Inc bicycles and hobby sups ABR2-4293  
 1955 Pac Intermountain Exp AMA7-4183

2031 NuLife Fertilizers mfrs ABR2-7300  
 2253 Bennett Engineering Stamping & Tool Co AMA7-7775  
 2301 Coleman Sht Mtl Inc ABR2-3747  
 2325 Allen Constn & Erection Co steel contrs AFU3-4686  
 Concrete Erectors Co bldg contrs AFU3-4686  
 Hydraulic Elec Inc contrs AFU3-4686  
 Pac Coast Steel Erecting Co AFU3-4686  
 2339 Stang John W Corp well points and pumps AFU3-3438  
 2347 Coral Reef Oil Co whol gas AMA7-4581  
 2545 Stauffer Chem Co mfrs AMA7-8103  
 Thorne rd intersects  
 3320 Ekrem Constn Co bldg contrs AMA7-0027

Reichold Chemicals Inc whol AFU3-5416  
 3376 City Millwork Co lbr milling AMA7-0846  
 Olds Harold E bldg contr AMA4-0846  
 Taylor way intersects  
 3401 Buffelen Sls Co doors AMA7-6161  
 Educators Mfg Co furn mfrs AFU3-5575

100  
**LINCOLN HEIGHTS HOUSING PROJECT**--From S 35th south to S 38th and from S Pine av east to Steele

66  
**LINCOLN PARK PLACE**--From Thomson av east between S 34th and S 35th

10  
**LINDEN**--From 6801 A east  
 101 Fatland Aaron E @ AGR4-5544  
 104 Holtz Robt D @ AGR2-5258  
 111 Dewey Effie Mrs @ AGR4-5552  
 115 Whitver Geo W @ AGR2-0421  
 120 Quisenberry Wm A  
 123 Strand Robt S @ AGR4-8735  
 124 Williams Ada Mrs @ AGR2-8024  
 130 Harvey Robt @  
 131 Schafer Edw @ AGR4-4349  
 133 DeLacy Sarah J Mrs @ AGR2-3235  
 137 Knott John @  
 140 Crum Chas R AGR5-0696  
 141 Small Perry C @ AGR4-6602

141  
**LINDEN LANE**--From 6th av south, 8 west of Jackson av  
 942 Boyles Richd C @ ASK2-1060

88  
**LISTER DRIVE**--From 4500 East A, south  
 1701 Stafford Chas C AGR2-7321  
 1702 Peck Eunice M Mrs AGR5-0452  
 1703 Hugen Isaac  
 1704 Coberly Cora L Mrs AGR2-4673  
 1707 Wilson Jos  
 1709 Hannon Wm E AGR4-9735  
 1712 Wells Emily Mrs  
 1713 Gire Ella L Mrs AGR4-3390  
 1714 Danner Rebecca J Mrs AGR4-0060  
 1715 Taylor Stella Mrs AGR4-9951  
 1719 Heiser Jack AGR2-4619  
 1725 County Health Dept-East Side Well Baby Conference AGR2-6741  
 1721 Wilkowski Mary M Mrs AGR2-9124  
 1732 Hicks Margt Mrs AGR2-1307  
 1734 Wilkowski Emma M Mrs AGR2-4010  
 1738 Jones Sarah I Mrs AGR4-7635  
 1740 Coulter Frances C Mrs AGR2-3097

141  
**LOCUST LANE**--From 8th av south, 7 west of Jackson av  
 950 Vacant  
 954 Reagan Geo W @ ASK9-7426  
 964 Boyde David A @ ASK9-9708

80  
**LOWER PARK**--From intersection of McKinley av and E 30th north-east

## C. C. Mellinger

Funeral

Home

Complete Service

Sensibly Low Prices

DAY and NIGHT

PHONE

BROADWAY

2-3268

6th & Tacoma

See Adv.

Yellow Page 60

# TACOMA ENGRAVING CO.

SEE PAGE 51

921 MARKET ST. • TACOMA • MAIN 7166

## WEST COAST ENGRAVERS



### RALEIGH MANN CO.

Loans  
Rentals  
Insurance  
Real Estate  
Property Management

501  
Rust Bldg.  
BR 4228

# THIS DIRECTORY

Represents the City and Its Business Interests  
ARE YOU PROPERLY LISTED?

5826 Turner E J  
5829 New J E  
5830 Edmonson J L  
Melnik Anna Mrs  
5831 Dowlin M R  
5832 Vacant  
5835 Milton R L Mrs  
5835 1/2 Weir Alice  
5837 Tone R E  
5838 Urquhart I W  
5841 Schless W J  
5843 Herman G M  
5847 Fenton M C Mrs  
S 60th intersects  
6001 Ives Pearl  
6001 1/2 Harlrs H D  
6002 Kronatz C  
6004 Tator D C  
6005 Steele Guy  
6005 1/2 Mitchell A N  
6006 Paschild Josephine Mrs  
6009 Apostol Alex  
6010 Kercher Fred  
6013 Keller J E  
6014 Vawter C H  
6015 Woolery R V  
6016 Adams F R  
6019 Doecher E F  
6020 Michel D A Mrs  
6022 Lester R G  
6027 Cummings M A Mrs  
6029 Lavine C R  
6030 Eckroth Anton  
6032 Krieger C A  
6033 Reisanuer M J  
6035 Barrett K C Mrs  
6036 Gordon G U  
6036 1/2 Kullsek Elmer  
6039 Heimholz M C  
6042 Martin E M Mrs  
6044 Salvesen Otto A  
6045 Grunert E M Mrs  
6048 Wickens A H  
S 62d intersects  
6201 Morris L F  
6202 Hecker F R  
6206 Donahue T W  
6207 Elter Philip  
6209 Hartjoy P C  
6210 Lattreil R O  
6211 Aaroe P A  
6212 Hanefeld E E  
6215 Lockhart O F  
6216 Vacant  
6217 Bentz H E  
6220 Hughes A D  
6222 Groves V L  
6222 1/2 Clatterbaugh J R  
6223 Pirtle I M Mrs  
6225 Hofferer Geo  
6226 Dal Santo Angle L  
6227 Babbitt H E  
6230 Gaylor E E Mrs  
6231 Roller A E  
6234 Engwall L R  
6235 Cowell J T  
6239 Johnson C D  
6240 Spealman Joe  
6243 McManus H E  
6244 Snodgrass Millie Mrs  
6247 Martin A H  
6248 Vacant  
S 64th intersects  
6402 Beckwith J E  
Pistilli J W  
6403 Eklund R E Mrs  
6406 Stutzer W H  
6407 Broz A F  
Kuss Marie Mrs  
6410 White R S Jr  
6411 Severance Harriett  
Mrs  
6412 Gollahan A B  
6415 House E W  
6416 Kavanagh J J  
6418 Pedersen Danl  
6419 Hanson C B  
6420 Vacant  
6431 Hansch Edw  
6428 Green G H  
6432 McTigue E C Mrs  
6433 Clamp S G  
6437 Bogue B B  
Kipper Ek R Mrs  
6438 Taw A L  
6441 Briatow W M

6442 Newbury Wilbur  
6447 Graybill W R  
6448 Allen L A  
S 66th intersects  
6603 Taunt E L  
6604 Loughney R M  
6607 Sigafos W Z  
6608 Murray J J  
6613 Nighswonger T J  
6618 Langston M E  
6619 Dressler Kath Mrs  
6620 Daniels T J  
6621 Schaffert R E  
6622 Vacant  
6625 Pentland H B  
6628 Pensworth J R  
6632 Grogan A F  
6633 Carlson C O  
6635 Raffis G D  
6636 Vacant  
6637 Russell J C  
6641 Healey J H  
6642 Carlson W F  
6647 Pitzer C M  
6648 Card C L  
S 68th intersects  
6801 Money A J  
6802 Keating Paul  
Lindberg S V Mrs  
6807 Hooper Jack  
6814 Bullis C V  
6815 Pashlik Frank  
6818 Jones C A  
6821 Newell Roofing & Sld-  
ing Co  
Newell T D  
6822 Zachow A M Mrs  
6825 Vigus W J  
6826 Corbin E C  
6829 Baker W H  
6830 Hobaugh F L  
6833 Schimling John  
6838 Kardash Regina Mrs  
6841 White M E Mrs  
6844 Amundson H L  
6848 Drewery C J  
S 70th intersects  
7002 Simonetti Q J  
7003 Bell J E  
7006 Johnson W G  
7007 Pannek W A  
Sexton H F  
7010 Stewart G E  
7014 Woodchick Carl  
7015 Engler Edw  
7018 Buchanan H A  
7019 Novotney Jas  
7021 Netherlands W S  
7022 Handegard L L  
7026 Greenleaf Mae Mrs  
7027 Lemmer Jas  
7031 Wagner R O  
7032 Brown N E  
7035 Campbell J C  
7039 Peterson W E  
7040 Bookmeyer Marcus  
7043 Butcher D E  
7047 Vacant  
S 72d intersects  
7202 Humphrey Jesse  
7206 Shaw B C Mrs  
7211 Wrye A D  
7212 Vacant  
7215 Vacant  
7216 Wampole Leonard  
7218 Hoffman M E  
7223 Albro A O  
7227 Lund Clifford  
7228 Alferness Lloyd  
7231 Myer Ervin  
7232 Horn E R  
7234 Imhoff L M  
7235 Hlmer P G  
7242 Smith C L Mrs  
S 74th intersects  
7410 Butterfield J S  
7414 Glenn A R  
7417 Rakusan Rudolph  
7418 Lolland K H Jr  
7422 Under construction  
7427 Zurluh W P  
7431 Olsen I J Mrs  
7435 Olsen E F  
7437 Logan B R  
7447 Anderson C O  
7650 Betts C E  
8201 Hanson Peter

LEE — From intersection of N Gove and N 47th ne to Water, 1 n of N Cheyenne  
LENOX PLACE — E end of Division lane  
1319 Reichl Christine Mrs  
1320 Mutch Matt  
1323 Black B D  
1326 Beggs B P  
1327 Hjertaas Arth  
LESLIE — From S 32d s to S Wright av, bet Thompson av and So J  
LEWIS PLACE (Lincoln Heights Housing Project)  
2 Walters F L  
4 Black D F  
5 Jacobson M E  
6 Groff S O  
7 Mukai Minoru  
LEXINGTON, NORTH — From 6601 N 17th n  
4302 Wiborg J R  
4310 Pardue P C  
4324 Hauser L V  
4330 Shull H E  
4602 Sanders Herbt  
Wingard G G  
4653 Smith Gerald  
4808 Bestinque V V  
4824 Dieter V C  
4941 Knopf Leon Jr  
N 50th intersects  
5010 Johnson Albt  
5047 Loftus Andw  
LEXINGTON, SOUTH — From 6600 S 8th s  
LINCOLN AV (Tide-Lands) — Continuation of E 21st e of Puyallup Waterway ne of Hylebos Creek  
1301 Martin N A  
1310 Mostrom L C  
1401 James D L  
1402 Anderson Paul  
Brock Albt  
Burke Thos  
Butch Frank  
Cattrell J A  
Conant Geo  
Gundsen Adolph  
Jason W W  
Lind F J  
Martin W G  
Mead C A  
Minch C K  
Severson Chas  
Stratton John  
Washington G W  
Zamperni Edmon  
2245 Stauffer Chemical Co  
Taylor way intersects  
Buffelen Mfg Co  
Tacoma Sash & Door Co  
LINCOLN HEIGHTS HOUSING PROJECT — From S 35th s to S 38th and from S Pine av e to S Steele  
LINCOLN PARK PLACE — From Thompson av e to gulch bet S 34th and S 35th  
LINDEN — From 6801 A s  
101A Fatland A E  
104A Sweet C T  
111A Knudtson D J  
113 Under construction  
120A Spido John  
124A Williams L C  
130A Harvey Robt R  
131A Schafer Edw  
133A DeLacy Sarah J Mrs  
137 Anderson M C  
140A Johnson Theo  
LONGVIEW (Sallishan Housing Project) — 2 blks e fr 4400 Portland av, continuation of E 44th  
105A Kldder H B  
107 Peabody Jacob  
108 Elvin's Dept Store  
109 Tobin F E  
110A Sallishan Self Service Laundry  
112 Sanitary Shoe Service reprs  
113A Hovd M C

RUG CLEANING

Modern Equipment

PANTORIUM CLEANERS

A Complete DRY CLEANING and DYEING SERVICE

Apparel Drapes Furniture Coverings, Etc.

PROMPT COURTEOUS SERVICE

TEL. GARLAND 4411

3306 SOUTH TACOMA AV.

Rentals Loans GEO. D. POE & CO. Insurance and Real Estate JONES BUILDING TELEPHONE MAIN 9191

LINCOLN AV (Tide Lands) -Continuation of E 21st s of Puyallup Waterway ne of Hylebos Creek 1301 Routs Henry F Martin Nick E 1310 Mostrom Leonard C nr s end Lincoln av bridge Allan John S Anderson Alex S Anderson Chas Anderson Henry L Belsak Jos Bondeson Emil Castellane Michl L Cattell John A Davidson John Davis Frank Devine Milke Doran Walter J Eckberg Oscar Edwards Chas Edwards Frank Ehnat Geo Finn Thos J Fitzpatrick Denny Forsgren Albin E Fullerton Chas A Girard Fred J Hansen Carl Hatinen John Hendrickson John Hewitson Wm E Johnson Edw W Johnson Matt King John M Kokot Mike Kolyar Wm Korbl Jack Larkin Martin Lee Willie J Lehto Gus A Lind Frank Maki John Martin Patk Meade Chas A Merjavi Jos Minch Carl Nye Jos Nye Straley Nyssonan Karl Oliver John Panatuk Paul Parusic Joe Pearson Chas Peterson Edw Rasanon Anddi Reel Arth Robel Tony Sasaki John Seaworth Howard E Severs Chas E Simpson Sam Slavik John Wayne Leonard Willis Thos Young Edw C Zarnek Joe 1411 Hash Walter A Taylor way intersects Berger Martin T Buffelen Dumber & Mfg Co Tacoma Sash & Door Co

LINCOLN PARK PLACE -From Thompson av. e. to gulch bet S 34th and 35th LINDEN -Fr 6801 A e 103 Fatland Aaron E 104 Benson Chas J Fear Benson Hans 111 Wever Wm T

120 Spido John E 130 Vacant 131 Schafer Edw 133 DeLacey Harold R 137 DeLacey Olin 140 Johnson Theo LOWER PARK -Fr McKinley av and E 30 ne M, East -Fr 1300 Puyallup av s E 25th intersects 2511 Laudenglos Edith Mrs 2515 Hunter Robt L E 26th and 31st intersect 3123 Glen Julia E Mrs E 32d, Wright av and E 34th intersect 3301 Rogers John R School 3403 Dean Geo E 3407 Elm Arth 3414 Graves Marx D 3415 Silvertsen C J 3417 Love Theo G 3420 Stanley Loyd L 3421 Thrane Michl 3424 Dolby Frank W Harrison intersects E 35th intersects 3521 Schwabel N M Mrs 3523 Stephenson E C 3528 Fawcetts C B Mrs Fairbanks intersects Morton intersects 3561 Bowhay Nicholas A 3565 Reichl Leo L Lennox pl intersects 3567 Smith Francis B 3568 Juhl Vernoy G 3572 Irwin Frank H 3574 Stiner Theo R 3575 Shiley Roscoe B 3580 Paulson Gilbert J 3581 Kloety John C 3585 Pentecost N A Mrs 3586 Kraft Andrew B 3588 Hubbell Edwin 3589 Young Lettie B Mrs Allumbaugh Elma 3592 Robinson E S 3595 Hadow Robt 3598 Pauline Benj A E 30th intersects 3602 Murray Clarence F 3603 Tinley Edw M 3617 Vandervest Ralph T 3618 Jacobsen S H Mrs 3619 Vacant 3620 Vaughn Eug W 3630 Parker Marvin 3635 Gomerish Leo M 3648 Pomeroy Melvin M 3649 Johnson Ona J Mrs Fulwiler Chas J 3652 Austin Katie M Mrs 3701 Turner Thos H 4016 Kiske Emery F 4223 Hess Hans 4305 Vargo Andrew L 4318 Merrifield Robt B 4325 Brouillard Jack L 4308 Vacant 6601 Vacant M, North -Fr 1301 Division av. nw. to Steele N 4th intersects 401 Berg Paul E Rev 406 Schell Burt W 408 Flynn Fred R 411 Ross Walter E Zydek John ACulliksen Webster E 412 Richardson Wm A 414 Sneddon John 415 Kukowski Harry Barnes C Wendell

416 Hood Kenton I 4174 Wiley Zebedee S 420 Dyer Nina G Mrs Carter Richd Walters John 424 Fullager John P Walzac Leonard N 5th intersects 501 Kelly John H music tohr Puckett Jas D 502 Rivenes Rowena Mellish Louisa M Mrs 505 Maxwell Milton S 508 Pinar Wm J 508 Jacobson Martin C 509 Jackson Neil C 510 Rousseau A J Mrs Taylor H A Mrs 511 Ohman Albin E 512 Esterle Carl W 514 Deems Ethel Mrs 515 Pitzen Cath E Mrs Murphy Frank N 516 Ehrlich Albert 517 Caruthers Wm F 524 Richardson Ira L N 6th intersects 602 Gallucci Jos J 603 McCormack J H Turner Catura Mrs 607 Prendergast Chas J 610 Gallucci John 611 Ritchie J M Mrs Kyle Philip C 616 Weller Geo O 620 Jackson Henry J 622 Vacant 624 Hedberg Reuben A 625 Crawford Wesley F N 7th intersects 701 Douglas Clarence G 705 Clayton Chas M 709 Scales Yance F 710 Piettl John B 711 McDougall Leo A 712 Webb Lester H 714 Murphy Oral L 718 Smith Paschal R Dean Mary W Mrs 719 Ames Chas A 723 Potts Jos J N 8th intersects 802 Kelley Admiral D 803 Hitchcock Thos D 807 Kelly Jas W 808 Reynolds Wm E 809 Miller Otto C 810 Stavig Harold 811 Hardy Howard K 812 Swanson Peter 814 Boos Mary R 817 Rosin Jos S 818 Wallace Geo P 819 Divacky Mary Mrs 820 Moe John S Crampton Margt Mrs 822 Grant Jas A 823 Borovich Fred T 824 Liggett Walter E N 9th intersects 901 Holly Apartments Wilson Wm G mgr 902 Dupuis Fred J 904 Conklin Frank E 908 Roberts Leo F 909 Alberta Apartments Holland Oscar 910 Gianelli Thos 914 Batterson Joe 915 Apartments 918 Fredrickson Martin M Wahlund Forrest M 923 Hale Albert L 924 Rousseau John N 10th intersects

1002 1005 1006 1007 1010 1012 1014 1016 1018 1020 1024 1101 1102 1105 1110 1112 1113 1114 1119 1121 1123 M. S. av 311 401 402 406 407 408 410 411 412 413 416 417 421 424 502 503 505 608 609 611 612 613 614 616 618 620 624 703 707 708 709 709 711 712 715 716 717 718 719 801 803

Empire Credit Service of Tacoma, Inc.

BONDED TO STATE - \$3000.00 (BAD DEBTS COLLECTED AND REMITTED) 531-2-3 Perkins Building Phone Broadway 2649

# PIONEER

INCORPORATED

PRINTERS — BLANK BOOK MAKERS — OFFICE SUPPLIES  
FURNITURE — STATIONERY — ENGRAVING

12th and A Streets

MAin 2122

LAWRENCE, N.—Contd  
2409 Melco Ardelle Mrs ©  
2411 Hill Martha Mrs  
2414 Dilts Donald S ©  
2415 Glass Frank ©  
2419 Vacant

N 25th Intersects

2501 Cotter Ethel M ©  
2506 Shaw Stanley T ©  
2507 Dille John R  
2515 Halverson Frank A  
2515 1/2 Pliant Eldred A  
2519 Benson Roy

N 20th Intersects

2601 Steel Violet I Mrs ©  
2602 Johnson Allington H ©  
Hagen Leonard O  
2607 Cromwell Albert E ©  
2608 Schaller Fred P ©  
2612 Keniston Clay L ©  
2614 Winden Abram W ©  
2615 Brown Mabel G  
2619 Kelly R Lester ©

N 27th Intersects

2702 Roberts Neal F  
2703 Jones John D ©  
2705 Leigh Winifred  
2706 Horr Clifford  
2710 Morrison Russell ©  
music-tehr

N 28th Intersects

2802 Livesay Danl M ©  
2806 Hart Arth A ©  
2809 Andress Fred R ©  
2810 Baker Wm G  
2811 Middaugh Ted A  
2812 Jenkins Verne W ©  
2815 Bergerson Reidar ©  
2818 Vacant

2821 Lau Chas A ©  
2824 Cook Abel L Rev ©  
McCormick Harry K

N 29th Intersects

2908 McEvoy Vernon  
2909 Barrett Mary E ©  
2911 Gray Wm G ©  
2912 Myers Stacy H ©  
2916 Norris Otto F ©

N 30th Intersects

3013 Edwards Marion C  
3014 Gehrl Alfd L ©

N 31st Intersects

3111 Vacant  
3112 Fenlon Ted  
3113 Lebanco Gust

LAWRENCE, South—From  
3300 6th av n to 19th  
25th to 35th, 36th to 45th,  
54th to 72d and 74th to  
76th

607 Stephens Robt V ©  
624 Strackbela Leon E ©

S 7th Intersects

701 Olsen Herman E ©  
706 Shannon Edw H ©  
708 Marshall Velton E ©  
709 Peterson Edwin A ©  
710 Fauss Aug ©  
711 Gutfomson O H ©  
715 McLaren Duncan W  
719 Howard Frank M ©

S 8th Intersects

802 McPhall Robt M  
Stokey Olaf R  
810 Engell Chas ©  
813 Wrightman F F Mrs  
Whipple Douglas  
814 Lytle Rodney D  
815 Sugg Lucile J Mrs ©  
819 Whipple Gordon

S 9th Intersects

902 Wallis Wm R  
905 Speers Roscoe W  
906 Calder Harry N  
907 Finley Senator C ©  
912 Weaver Alfd U ©  
915 Palfreyman Dan ©  
916 Rickett Alex W ©  
919 Ginn Frank M  
920 Wold Helen M Mrs

S 10th Intersects

1001 Dow Chesney M ©  
1002 Dickson Elge ©

1007 Pierce Lester A ©  
1012 Rowe May A Mrs ©  
1013 Hreha John A ©  
1014 Richmond E J Mrs ©  
1016 Wilson Robt C  
1016 1/2 Kelly Bernard H  
1019 Larson Ludwig

S 11th Intersects

1102 Breivik Gabriel I ©  
1110 Halverson Carl  
1113 Bensen Mortin  
1114 Kenreigh I Howard ©  
1115 Slater Geo T ©

S 14th Intersects

1402 Olsen Elea Mrs ©  
1408 Bales Kath V Mrs

Melrose Intersects

3540 Simpson M C Mrs ©  
3547 Johnson David E ©  
3648 Rudd Ralph R  
4002 Vacant  
4036 Bedford Edw C jr

S 43d Intersects

4323 Vacant  
4327 Barbieri John J  
4329 Post Jas  
4330 Reding Peter F ©  
4334 Miller Wilson A ©  
4339 Anderson John E  
4343 Pedersen Anders ©  
4349 Martelli Alex ©  
4507 Ryncarz Anthony ©  
5301 Steele Geo H ©  
5307 Hinchman Marcella  
Mrs ©

5311 Carlson Edwin L ©

5315 Foley Thos M Mrs ©

5319 Press Sofus T ©

S 54th Intersects

se cor Grace Lutheran Ch  
5406 Byrne Geo A  
5407 Eyres Frank E  
5409 Schmedler W J Rev  
5410 Verge Herbert V  
5411 Davis Albert L  
5414 Smith Geo R  
5416 1/2 Hicker Geo W  
5417 McGlothlen Guy  
5418 Seyffried Geo ©  
5421 Middlekauff Bessie  
Mrs

5422 Johnson Ralph ©

5425 Schoonover C R Rev

5426 Heyn Arth O ©

5427 Eyres Elta E Mrs

5428 Glasgow Hugh ©

5429 Covell Bernard W

5432 Ager Jos E

5436 Bright Fred A ©

5438-40 Vacant

S 50th Intersects

5602 Stvear John T Bro

5603 Stvear John T

5604 Reed Everett E

5606 Smith Chas E ©

5609 Audlson Geo W

5610 Brandow Orlln G

5614-18 Vacant

5621 Harrison Jas ©

5628 Larsen Lawrence C ©

5627 Hansch Edw ©

5628 Roberts Alvin B

5629 Arger Wm A ©

5633 Ehreth Frances Mrs ©

5634 Baker Minnie M Mrs

5637 Petrie Howard B

5640 Eirth Geo E

5643 Belland Ernest ©

5644 Gustin Barbara Mrs ©

5645 Grubb Saml ©

5648 Farrell John D ©

5649 Berry Edw A

S 58th Intersects

5803 Jones Lewis B ©

5809 Rleman Wm E

5811 Ranger Theo

Owens Al

5814 Vacant

5817 Holmquist E L Mrs ©

5818 Kinrod Louis L ©

5819 Otto Anna Mrs

5822 Kircher Mary Mrs ©

5823 McClement John J

5823 Constantine Aleck ©

5825 Butterfield David J ©  
5826 Hurnblad Jack R ©  
Miller Aug

5829 New John E

5830 Houtz Wm A ©

5831 Collier John ©

5832 Williams Walter A

5835 Leidy Minnie Mrs ©

5837 Tone Ralph E

5838 Berwold A M Mrs ©

5841 Stendal Josephine  
Mrs ©

5843 Halladay Harry E ©

5847 Fenton M C Mrs ©

S 60th Intersects

6001 Vacant

6002 Wood Wm J ©

6004 Hanssen Hans M ©

6005 Steele Guy ©

6006 Paschld Jos F ©

6009 Apostol Aleck ©

6010 Hansen Frank E

6013-15 Vacant

6014 Vawter Clarence H ©

6016 Duggan John M

6019 Doecker Edw F ©

6020 Michel Wm H ©

6022 Delin Henry ©

6027 Cummings Thos F ©

6029 Bulgar Lyman V

6030 Heller Otto W

6032 Krieger Chas ©

6033 Urlacher Leonard ©

Pettek Anthony F

6035 Durkin Cath Mrs ©

6036 Gordon Guy U ©

6039 Sigafos Harry J ©

6043 Martin E M Mrs ©

6045 Grunert Walter F ©

6048 Wickens Arth H ©

S 62d Intersects

6201 Harkness Geo E

6202 Metzger John M ©

6206 Eagle John M ©

6207 March Harry A ©

6209 LaVelle Ajay A

6210 Vacant

6211 Artoe Primo

6212 Blake Fred A ©

Juley Leonard A

6215 Trutman Frank L ©

6216 Pearsall Minerva M ©

6217 Tomczuk Chas ©

6220 Hughes Allen D

6222 Patterson Silas H ©

Weeks Carol

6223 Pirtle J Hogan ©

6225 Schnelder W P ©

6227 Erb Cyril L ©

6230 Gaylord Eliz E Mrs

6231 Babbitt Harold E

6235 Cowell John T ©

6239 Reeves Byron S ©

6240 Jauregui Raymond ©

6243 Erspamer Albr R ©

6244 Vacant

6247 Lewis Elmer D

6248 Carroll Wm S

S 64th Intersects

6402 Bass Kenneth A

6403 Swanson Hannah Mrs

6406 Stutzer Wade H ©

6407 Kauss Frank M ©

6410 Cronacher Otto

6411 Severance Harriet Mrs

6415 Dougherty Micht J

6416 Munson Gus

6418 Groshong Paul E ©

6419 Dieter Val C ©

6420 Mriglot Edw B

6421 Lawrence Wm J

6428 Rainwater Roy S

6432 McTigue John F ©

6433 Warner Wm S

6437 Kipper Leslie ©

6441 Richardson Lulu Mrs

Day Wm H

6442 Hawkins Robt H ©

6447 Farquhar Geo P ©

6448 Aikens Wm M ©

S 66th Intersects

6603 Wilson Geo J

## TACOMA MALL—Contd

- 331 Denti Care ins 474-9411  
 335 Dillingham & Miller Associates ins agcy 475-5431  
 337 Equitable Life Assurance Society Of US life ins 475-5353  
 351 Fountain Hugh E lwy 474-0744  
 351 Lazier Edmund E lwy 474-0744  
 351 Sanders Wm H lwy 472-4432  
 351 Scofield Robt E lwy  
 358 Fendrych Charles Real Estate  
 363 Bordeaux James G orthodontist 475-4555  
 363 Manke Raymond orthodontist 475-3550  
 401 Hutchins Wheeler & Huss lwyrs 475-2700  
 415 U S Dept Of Lab (Bur Of Apprenticeship & Training) 593-6333  
 417 US Dept Of Labor (Wage Hour Div) 593-6300  
 425 Honeywell Systems 475-0437  
 427 Farmers Insurance Group 472-9132  
 431 Vacant  
 435 Genardine Insurance Agency ins 475-7454  
 435 Von Walter Grant B Insurance 475-8714  
 444 Travelers Insurance Co Of Hartford Connecticut 475-7555  
 444 Farning Joyce G Insurance 475-5662  
 444 Newton Jack W Insurance Agency 475-5512  
 444 Wilkerson Russ Agency ins 475-0136  
 451 Snelling & Snelling emp agcy 473-1800  
 457 Gibson Carl ct reporter 474-7434  
 463 Three West Investments real est inv 475-1880  
 463 Willits Insurance Agency 475-1880  
 463 Willits Yacht & Charter Brokerage charter yachts 475-1880  
 501 Securities West Inc investment securities 474-9474  
 501 Far West Mortgage Co 474-5335  
 503 Wyman Larry & Associates ins 473-3930  
 504 Physical Measurements Inc ins exams 474-8418  
 505 Williams & Associates archt 474-0821  
 509 Com-Ind Company Ltd 474-0980  
 513 State Farm Insurance Cos 474-9565  
 515 Trus Joist Corp 472-4447  
 516 Adjusters Auto Rental agcy 473-3400  
 517 Walters Jerry jwlr  
 525 Standard Insurance Co 475-7533  
 526 Rozen Realty 472-9633  
 527 Vacant  
 531 Larsen Marion phys 473-1900  
 535 Ellis-Graham Insurance Agency 475-3090  
 535 Pemco Insurance 475-3090  
 543 Simonson Moore Seeley & Olson cpa's 473-1400  
 553 Bubb & Quail cpa's 475-4033  
 554 Empire Escrow Co title 475-5412  
 559 Jacobsen Land Co real est 475-7721  
 559 Jacobsen Realty Inc 475-7721  
 606 Van Buskirk & Haas lwyrs 475-0787  
 621 Occidental Life Of California ins 474-9481  
 621 Transamerica Life Insurance Co 474-9481  
 633 Cariboo-Pacific Corp whol lbr 475-1180  
 649 K B R D Radio 475-1039  
 651 K T A C Radio 473-0085  
 700 Bon The dept store 475-4000  
 2004 Bon Marche Tire Center

## TANGLEWOOD AV —FROM 5400 MC DACER AV EAST

ZIP CODE 98404

- 214 Hughes Fred C @ 474-6980  
 219 Brnae Kenneth D @ 474-2395  
 SOUTH C ST INTERSECTS  
 223\*Spellman Gloria R  
 227 Kanesta Percy W @ 474-6504  
 231 Steele Dollie Mrs @ 475-8123  
 235 Williams Cornelius @ 472-4968  
 239 Beechwood Sam A @ 472-9265  
 302 Warndahl Grace M Mrs @ 474-6040  
 306\*Abelson Vicki R  
 310 Sheets Thos J @ 474-5517  
 314 Melton Wm @ 474-9269  
 CLARKSTON ST INTERSECTS

## TAYLOR WAY —FROM E 11TH ST SOUTHEAST 1 WEST OF HYLEBOS WATERWAY

- ZIP CODE 98421  
 1114 Marine Hi-Liners boat bldg 272-8303  
 Haynes Marine boat sup 272-8303  
 1123 Ericson Stair Company Inc 383-3017  
 1171 City Pub Utilities Dept-Light Div-Tide Flats Sub 627-6414  
 City Pub Utilities Dept-Light Div-Steam Plant No 2 627-6414  
 1202 P Q Corp chem mfrs 627-1131  
 1501 Vacant  
 1601 Custom Iron custom ornamental iron mkr 572-2320  
 1621 Nordlund Boat Co 627-5300  
 1801 Western Farmers Assn feed mill 272-2171  
 Western Farmers (Garage) 272-4241  
 1901 Buffelen Woodworking Co (Plant)  
 2000 Lindal Cedar Homes Inc (Plant) 572-7160  
 2101 Buffelen Woodworking Co (Plant) plywood & door mkr 627-1191  
 LINCOLN AV INTERSECTS  
 2116 Sauna & Spa Distributing Co (Whse) Superlon Plastics Co Inc plastic pipe mfg 383-5877  
 2150 Western Turnings & Specialties Co wood turnings 383-3037  
 2240 Wood Tone Stains siding pre-stained 272-8015  
 2301 U S Gypsum Co insulating mats 383-1537  
 2340 Reichhold Chemicals Inc (Pac Northwest Div) whol 572-5600  
 2901 Pennwalt Corp (Industrial Div) chem mfrs 627-9101  
 2902 Foster L B Co structural steel suppliers 672-6660  
 2952 Pennwalt Corp (LABY)  
 3001 Tacoma City Light (Sub Sta)  
 3002 Pan-Pac Yd 3 (Stge)  
 3003 Petroleum Reclaiming Inc waste oil reclaiming 383-4474  
 3009 Dunlap Towing & Log Yard (Stge Yd)  
 3400 Kaiser Aluminum & Chemical Corp 383-1461  
 3401 Weyerhaeuser (Log Sorting Yard) 924-3172  
 3601 Glacier Sand & Gravel Co ready mix concrete 272-8314  
 3701 Louisiana Pacific Corp whol lbr 383-2424  
 3702 U S Interior Dept-Bonneville Power Admn (Sub Sta) 627-0622

## TERRACE DR N —FROM 650 N AURORA AV WEST

- ZIP CODE 98406  
 7611\*Johnston Harold B @ 564-7236  
 7625\*Anderson James R 564-2283  
 FERNSIDE DR N INTERSECTS  
 KARL JOHAN AV INTERSECTS

## THIRTY-EIGHTH ST MALL —A SHOPPING CENTER AT 3121 S 38TH ST

- ZIP CODE 98409  
 1 Pay-N-Pak plmb & elec sup 475-3500  
 2 Gordons Shoeland 473-0252  
 3 Great Wall Of China Restaurant 473-2500

## 4 Hancock Fabrica 474-9681

## THOMPSON AV S —FROM 900 S 32D ST SOUTH

- ZIP CODE 98408  
 3222 Simmons Howard W 473-2655  
 3223\*Kinney Wm E 475-5782  
 3227 Boucher Donna L Mrs @  
 3228\*Toms David M @ 474-5145  
 3231 James Morris R @  
 3235 Zamira Steve @ 475-8838  
 3239\*Clifford Joe @  
 3243 Bradley Merle @ 472-7133  
 3247\*Meeks Larry @ 472-1315  
 3251 Jones Debra @  
 3255 Davidson Betty @  
 3261 Wright Bernard G @ 472-7175  
 3316 Davis Cyril W @ 474-1211  
 3320 Burroughs L A @ 472-9828  
 S 34TH ST INTERSECTS  
 3402 Knight Albert @ 473-1312  
 3406 Mukai James E @ 474-6771  
 3416 No Return

## S 35TH ST INTERSECTS

- 3502 Rawlins A M @ 475-6681  
 3506 Kuse Michl G @ 474-7106  
 3510 Hall Neil J @ 474-7102  
 3514 Duncan James W masseur @ 472-5811  
 3516 Sheldon Teena M 472-8396  
 3524 Quiton Eug J @ 475-8690  
 3528 Young Georgia E Mrs @  
 3532 Linkem Jesse M @ 472-5028  
 3536 Torkelson Mary F Mrs @ 474-4442  
 3544 Sheppard John B 472-9732  
 3544½ Sawtelle Alice G Mrs 474-8354  
 S 36TH INTERSECTS  
 3602 Arhein Lidia Mrs @ 472-5104  
 3606 Johnson Joseph O @ 474-5178  
 3610 Voycheske Edw @ 472-3084  
 3614 Morgan Marion Mrs 474-2136  
 3620\*Bergman Charles A @ 475-2481  
 3622 Kirby Earl A @  
 3624 Wenrick Susan  
 Ringgold Genevieve  
 3628 Heimbigner Jacob @ 474-9032  
 3638 Padur Geo E @ 474-1330  
 3640 Williams Don F @ 475-5847  
 S 37TH INTERSECTS  
 3702 Haumann Ada G Mrs @ 472-6081  
 3708 Harter Mildred A Mrs @ 474-5790  
 3711 Zyglewicz Antoiella B Mrs @ 474-5587  
 3715 Wallin Eunice C Mrs @ 472-8416  
 Heimbigner Paul 474-5892  
 3715½ Goirger James E  
 3719 Apartments  
 1 Boyle Danl 474-2590  
 2\*Christian S W  
 3\*Kalk Jennie 475-2071  
 4 Castellane Allen  
 3720 Lincoln Court Apartments 473-2937  
 101 Weathers Tina Mrs 472-5677  
 102 Alexander Inez J 475-8362  
 103 Harlow Edw 474-1329  
 104\*Zelinaky Lonca 474-4696  
 105\*Rick Alice 475-3774  
 106 Harrison Mamie 472-9457  
 107 Swanson Lucille 472-5354  
 108 Talarico Louis 474-2931  
 109 Mc Craw Clause 472-2438  
 110 James Marion E Mrs  
 111\*Weekes Lois L  
 112 Sheehan Marianna 472-3147  
 113 Kramlich C R 472-3079  
 114 No Return  
 115 Randolph Signe E Mrs 474-1046  
 116\*Merriwether Glen P  
 117 Currie Lorraine K 473-2937  
 118 Hanratty Betty L Mrs  
 119\*Nadeau Betty J  
 120 Clemensen David 472-5128  
 201 Vacant  
 202\*Anderson Jeannette B 472-9550  
 203\*Burge Freda 474-4075  
 204\*Ervin James L 473-3389  
 205 Hollstrom Arne C 472-4813  
 206\*Peter Bernice K 472-9854  
 207\*Dennis David Jr


## 2004 Bon Marche Tire Center

ZIP CODE 98404

**BILL GILL**  
**LINCOLN - MERCURY INC.**  
 SALES - SERVICE - SATISFACTION  
 GREENFIELD 5-9444  
 3838 SOUTH TACOMA WAY, TACOMA  
 MONTGOMERY WASHINGTON

**LILYBLAD**  
**PETROLEUM INC.**  
 "WHOLESALE PETROLEUM PRODUCTS"  
 PHONE FUJON 3-2539  
 TACOMA  
 540 EAST D STREET

Fuel for modern living



66  
 I. SLIE ST -FROM 800 S 32D ST NORTH  
 ZIP CODE 98408  
 3223 Haymon James M @ GR4-6058

100  
 LEWIS PL (LINCOLN HEIGHTS HOUSING PROJECT)-FROM S 35TH ST SOUTH 1 WEST OF S STEELE ST  
 ZIP CODE 98409  
 2 Getty Leonard R  
 4 Otto Jerry K GR5-3325  
 5 Vacant  
 6 Tiner Richd D  
 7 Vacant

141  
 LEWIS RD -FROM 8500 6TH AV SOUTHWEST  
 ZIP CODE 98465  
 1195 Kingston Wm L @ LO4-3168  
 1411 Johnson Edith Mrs @ LO4-3498

139  
 LEXINGTON ST N -FROM 6601 N 17TH ST NORTH.  
 ZIP CODE 98406  
 1707 Vacant  
 1708 Ellison Lester @ SK2-2940  
 1711 Schwartz Norman D @ SK9-2281  
 1714 Hoffman John @ SK9-8491  
 1717 Bufalini Sam @ SK9-8709  
 1722 Ehrenheim Robt F @ SK2-4674  
 1723 Aquino James G @ SK2-0402  
 1727 Evans Ronald E @ SK2-1418  
 1801 No Return  
 1802 Jesse Frank H @ SK9-0285  
 1805 Mc Millan Duncan S @  
 1806 Holter Howard E @ SK2-8709  
 1809 Dodge Wm R @ SK2-2977  
 1810 Hastings Sanford @ SK2-2424  
 1815 Peterson C Victor @ SK2-7580  
 1816 Fitzpatrick John F @ SK9-3921  
 1820 Matuszewski Eug @ SK2-1676  
 1921 Cox Esta O Mrs @ SK9-3953  
 1826 Pfeiffer Wm P @ SK2-8831  
 1927 Boess Walt M @  
 1830 Anderson Grant D @ SK2-3927  
 N 21ST ST INTERSECTS  
 2101 Hansen Marvin D @ SK2-8853  
 2102 Engel Donald J @ SK2-3387  
 2108 Bergman D David @ SK2-8858  
 2111 Craft Stanley W SK2-4084  
 2113 No Return  
 2114 Ryan Michl G @ SK9-0098  
 2118 Sloop Francis V @ SK9-4419  
 2119 Schrupf Arth J @ SK2-0041  
 2124 Olson Gilmore O @ SK9-7750  
 2128 Greyell Phillip A @ SK9-8904  
 23D ST INTERSECTS  
 ZIP CODE 98407  
 N 38TH ST INTERSECTS  
 N 40TH ST INTERSECTS  
 N 42D ST INTERSECTS  
 4206 Pearson Charles T @ SK9-8624  
 4218 Baker Gilbert O Jr @ SK2-6120  
 4301 Wiborg Hazel H Mrs @ SK9-5701  
 4302 Banfield Ernest E @ SK2-2869  
 4310 Perdue Paul C @ SK9-9265  
 4324 Hauser Louis V @ SK9-7107  
 4327 Elliott Merton @ SK9-3948  
 4330 Shull Harry E @ SK2-1384  
 4333 Johnson Alex C @ SK2-2501  
 4339 Under Constn  
 4354 Shotwell J Donald @ SK9-5565  
 4356 Carlson Reuben C @ SK9-1277  
 4366 Blackett W Ben @ SK2-3970  
 4370 Lundgren Arth B @ SK2-8977  
 4507 Warter Kenneth E @ SK2-6663  
 4515 Grenier Louis S @  
 N 46TH ST INTERSECTS  
 4601 O'Brien Wm J @ SK2-4955  
 4602 Wingard Gordon G @ SK9-0742  
 1611 Gathunton Fort F @ SK9-2802  
 4670 Hirsh Blake W @ SK2-7201

4625 Petrnovich Domi A @ SK9-1737  
 4632 Smit, Alberta M @ SK9-2616  
 4633 Roberts Geo C @ SK9-6037  
 4637 Greiwe Richd E @ SK2-1516  
 4640 Pierce Guy T @ SK9-1654  
 4646 Lucavish Lester G @ SK9-7114  
 4647 St Thomas Donald R @ SK2-2615  
 4657 Wileen Gus J @ SK2-0598  
 4658 Henricksen Thor J @ SK9-6132  
 N 48TH ST INTERSECTS  
 4801 Cusato Michl V @ SK2-5441  
 4802 Lees Gladys L @ SK2-6577  
 4808 Brigham Lawrence N @ SK2-3211  
 4824 Udall Wm N @ SK9-4544  
 4825 Miller Hugh C @ SK2-4696  
 4828 Under Constn  
 4836 Hallberg Joe A @ SK2-4279

N 49TH ST INTERSECTS  
 4902 Redmayne Wm L @ SK2-5874  
 4906 Hoffman Edw P @ SK9-3828  
 4907 Bertholet Marius A @ SK9-9705  
 4911 Siler Lee S @ SK2-0764  
 4912 Allen Pearl G @ SK2-5022  
 4918 Sarff Emmett W @ SK2-7987  
 4921 Juntti John R @ SK2-6567  
 4926 Dunham H Ted @ SK2-6996  
 4941 Perrot Muriel L @  
 N 50TH ST INTERSECTS  
 5001 Chase Arlene Mrs @ SK9-6950  
 5009 Roberts Donald M @ SK9-6269  
 5010 Shaner Hubert P @ SK2-1594  
 5013 Dolan Patk J @ SK9-2817  
 5017 Smith Bruce J  
 5021 Jester Kenneth L @ SK9-3907  
 5027 Repp Burton W @ SK9-1947  
 5034 Johnson Paul G @ SK2-0848  
 5040 Vacant  
 5042 Under Constn  
 5047 Loftus Andrew @ SK9-3003

137  
 LEXINGTON ST S -FROM 6600 S 12TH NORTH

901  
 LINCOLN AV (TIDE LANDS)-FROM 2100 CANAL ST EAST  
 ZIP CODE 98421  
 1614 King Equipment Co rentals BR2-3293  
 King John M Co Inc contrs equip renting BR2-3291  
 1620 Palco Steel & Salvage Co MA7-4567  
 1651 Pacific Water Works Supply Co Inc FU3-4885  
 1652 Pacific Auto Wrecking Inc FU3-3618  
 1662 Sea-Tac Equipment Co diesel engines FU3-1635  
 1671 Seldens (Whse)  
 1674 Bunker J E Co Inc whol bicycle-dlrs BR2-4293  
 MILWAUKEE WAY INTERSECTS  
 1955 Vacant  
 2031 Nu-Life Fertilizer (Mixing Plant) MA7-8121  
 2253 B & W Metal Products (Bennett Stamping & Tool Co) MA7-7775  
 Bennett Stamping & Tool Co MA7-7775  
 2301 Coleman Sheet Metal Inc FU3-4671  
 2325 Allen Construction & Erection Co bldg contrs FU3-4686  
 Concrete Erectors Co bldg contrs FU3-4686  
 Pacific Coast Steel Erecting Co bldg contrs FU3-4686  
 Tri State Re-Steel Inc bldg contrs FU3-4686  
 2339 Stang John W Corp well points pumps FU3-3438  
 2347 Vacant  
 PORT OF TACOMA RD INTERSECTS  
 2546 Stauffer Chemical Co mfrs BR2-3126  
 INDUSTRIAL WATERWAY INTERSECTS  
 3319 Pacific Paper Products Inc mfg MA7-3166  
 3320 Reichhold Chemical Inc (Plant)  
 3376 American Lumber Mfg Inc FU3-4603  
 ALEXANDER AV INTERSECTS

3401 Tacoma Pacific Inc mfrs MA7-6161  
 Educators Manufacturing Co FU3-6675  
 3502 Pan Pacific Trading Corp timber trading FU3-5871  
 TAYLOR WAY INTERSECTS

100  
 LINCOLN HTS HOUS PROJECT -FROM S 35TH ST SOUTH TO S 38TH ST AND FROM S PINE AV EAST

141  
 LINDEN LA -FROM 700 6TH AV SOUTH  
 ZIP CODE 98465  
 942 Boyles Richd C @ L4-3060

10  
 LINDEN ST -FROM 600 A ST EAST  
 ZIP CODE 98404  
 101 Fauland Aaron E @ GR4-5544  
 102 Hillius Raymond A @ GR2-7644  
 110 Harrison Harland E @  
 111 Klock C Eva Mrs @  
 115 Schambeck Robt @  
 116 Mowery Marlin-G @  
 120 Julian Neil L GR5-170  
 123 Strand Robt S @ GI4-8735  
 124 Lowe David F @  
 130 Harvey Robt @ GR4-874  
 131 Schafer Edw @ GR4-4349  
 133 Garraughty R C Jr GR5-6961  
 134 Thomas Johnnie L @ GR2-9461  
 137 Knott Arnold S @ GR2-8065  
 140 Mc Ivor Geo E @ GR5-0084  
 141 Small Perry C @ GR4-6602

LISTER DR -FROM 400 EAST G ST SOUTH  
 ZIP CODE 98404  
 1701 Perry Audrey L Mrs GR5-1847  
 1702 Jakso John  
 1703 Mc Cabe Helen F Mrs GR5-4247  
 1704 Smith Manie I L Mrs  
 1707 Michlitsch Chloe B GR5-0421  
 1709 Callahan Lovern Mrs GR2-4781  
 1712 Wells Emily M Mrs GR5-4295  
 1713 Hubber Lona D Mrs  
 1714 Danner Rebecca J Mrs GR4-0060  
 1715 Robertson Lelia E Mrs GR4-5650  
 1719 Whitaker Owen J  
 1721 Danielson Alma Mrs GR5-4684  
 1725 Eastside Multi Service Center GR4-0769  
 1732 Williams Ruth  
 1734 Swift Tessie Mrs GR4-1502  
 1738 Carter Alf W GR4-1138  
 1740 Bartell Nancy K Mrs GR2-8662

141  
 LOCUST LA -FROM 200 6TH AV SOUTH  
 ZIP CODE 98465  
 714 Gow Jerome J @ L4-2641  
 726 Reynolds Harold C @ LO4-4484  
 735 Smith Blaine E LO4-1607  
 747 Smith Wilford P @ LO4-9405  
 N 8TH ST INTERSECTS  
 930 Pellegrini Julio P @ LO4-4062  
 950 Pascoe W Weldon @ LO4-3078  
 954 Reagan Geo W Jr @ LO4-4726  
 964 Boyde Elinor V Mrs @ LO4-4123

LOWAMA LA NE -FROM 6200 BAYVIEW DR NORTHEAST IN A SEMI-CIR  
 ZIP CODE 98422  
 1601 Thrall A Lyle WA 5808  
 1607 Hudson Joseph E MA7-3360

**APPENDIX F.4**  
**Reference and Historical Data**

HAZARDOUS MATERIALS USED IN THE TACOMA AND KENT PLANTS OF  
FIELDS CORPORATION INCLUDING LABELING CODES AND LOCATION.

EFFECTIVE DATE: 5/15/97

K=KENT

T=TACOMA

<u>CHEMICALS</u>	<u>SITE</u>	<u>HEALTH</u>	<u>FLAMMBILITY</u>	<u>REACTIVITY</u>	<u>PERSONAL PROTECTION</u>
ACETONE	T	1	3	2	G
ACETYLENE	T	2	4	2	X
ALKYD RESIN	K&T	2	2	0	G
ALTOWHITE	T	0	0	0	E
ALUMINUM PASTE	K&T	2	2	2	F
ALUMINUM HYDRO PASTE	K	2	3	1	F
ALVANIA GREASE	T	1	1	0	B
ANTIMONY TRIOXIDE	K	2	0	0	B
ANTISKIN (SEE TROYKYD ANTISKIN)					
ANTIFREEZE	K&T	3	1	0	B
ASBESTOS*CARCINOGEN*	K	4	0	0	K
ASPHALT	K&T	0	1	0	D
BALL CLAY	K&T	0	0	0	E
BARIUM CHLORIDE	K&T	3	0	0	F
BENTONITE CLAY	K&T	0	0	0	E
BIG ORANGE E	T	1	2	0	B
BLEND STOCK	T	1	2	0	B
BLS-2700	T	3	3	0	D
BOILER ADDITIVES					
#6148	T	2	0	0	D
#6262	T	1	0	0	B
#6387	T	2	1	0	D
#6655	T	2	0	0	D
#7387	T	2	1	0	D
ROCK SALT	T	1	0	0	B
BUFFER SOLUTIONS(4&7)	K&T	0	0	0	B
BUTVAR B-90	T	1	0	0	B
BYK-034	T	1	1	0	B
CALCIUM CARBONATE (SEE LIMESTONE FLOUR)					
CAPRIC ACID	T	3	1	0	G
CARBON BLACK	K	1	2	0	B
CARBON DIOXIDE	T	2	0	0	X
CELITE	K&T	0	0	0	E
CELLOSIZ (SEE QP-52000)					

CELLULOSE (INTERFIBE)	K&T	0	0	1	E
CITRIC ACID	K&T	1	0	0	B
COCONUT FATTY ACID	T	2	1	0	G
COPPER-8 QUINOLINOLATE (SEE PQ-15)					
COPPER NAPHTHENATE (SEE CUNAPSOL-5)					
CO-630 (SEE IGEPAL CO-630)					
COAL TAR	K&T	2	1	1	H
COBALT 6%	K	1	2	0	G
CUNAPSOL-5	K&T	3	1	0	B
CUTBACK ASPHALT	K&T	2	2	0	G
DARINA GREASE	K&T	1	1	0	B
DAXAD-30	T	0	1	0	B
DECABROMODIPHENYLOXIDE	K	1	0	0	E
DIATOMACIOUS EARTH (SEE CELITE)					
DIESEL	T	2	2	0	B
DIESELINE	K&T	2	2	0	B
DREWPLUS L418	T	2	2	0	B
E3N (SEE RUFON)					
EMULSIFIED ASPHALT	K&T	0	1	0	B
ETHANOL	T	2	3	2	G
FERRIC CHLORIDE	T	2	0	1	C
FIBERGLASS MAT	T	1	0	0	B
FIBERGLAS (WOVEN,SAT.)	T	1	1	0	B
FIBERGLAS (WOVEN)	T	1	1	0	B
FLOOR DRY	K&T	0	0	0	B
FLUX (ASPHALT)	T	0	1	0	D
GLUE (ADHESIVE)	K&T	1	0	0	B
GLYCERIN	T	1	1	0	B
HI-SIL #233	K&T	0	0	0	E
IGEPAL CO-630	T	1	1	0	B
INK (RED)	T	1	3	0	B
I.P.A (SEE ISOPROPYL ALCOHOL)					
ISOPROPYL ALCOHOL	T	1	3	0	G
KTPP	T	0	0	0	B
LATEX PAINT	K&T	1	0	0	B
MAATEX (#123,#163,#367)	T	1	0	0	B

LIGNOSITE	T	0	0	0		B
LIMESTONE	K&T	1	0	0		E
LINSEED OIL	K&T	0	1	0		B
MANOLOX 410	T	2	2	1		B
MERCURY	T	3	0	1		F
MICRONA #3, #7	K&T	0	0	0		E
MILLBRITE #582,#588	T	1	1	0		B
MINERAL FILLER (SEE LIMESTONE)						
MINERAL SPIRITS	K&T	2	2	0		G
MIN-U-GEL	K&T	0	0	0		E
MORELIFE 3300	K&T		2	1	0	B
NOPCO NXZ	T	1	1	0		B
NYTEK 10-WP	T	1	2	0		D
OILS (MOTOR & GEAR)	K&T	1	1	0		B
OXYGEN	T	0	4	0		B
PAINTS (OIL BASED)	K&T	2	2	0		B
PALE OIL (SEE BLEND STOCK)						
A-14 ACETATE	K&T	3	1	0		B
PARAPOL (SEE POLYBUTENE)						
PELARGONIC ACID	T	3	1	0		G
PERCHLOROETHYLENE	K	3	0	0		G
PERMA BLAK 30	K	0	0	0		E
PINION GREASE	T	0	1	0		B
POLYBUTENE 32	T	2	1	0		B
POTASSIUM HYDROXIDE	T	3	0	2		G
PQ-15	T	1	2	0		B
PRESCO WD CEDAR	T	1	1	0		B
PROPANE	K&T	1	4	0		B
PROPYLENE GLYCOL	T	0	1	1		B
PTAS	K&T	1	0	0		B
PULPEX	K&T	0	1	0		A
QP52000	T	0	0	0		E
RAVEN BLACK H20	K	0	1	0		E
RED IRON OXIDE	T	1	1	0		B
REEMAY	T	0	0	0		E
RUFON	K&T	0	0	0		A
RUFTAC	T	1	0	0		B

( 52-ALUMINUM PASTE	K	2	3	1	H
SAND (MAG-70)	T	0	0	0	E
SCT-275	T	1	0	0	B
SLATE	K	0	0	0	E
SODIUM BICHROMATE	K&T	3	0	1	E
SODIUM HYDROXIDE	T	3	0	1	B
SULLUBE 32	T	1	1	0	B
SURFYNOL 104 H	T	2	1	0	B
TEXANOL	T	1	1	0	B
TIETEX	K&T	0	0	0	B
TITANIUM DIOXIDE	K&T	0	0	0	E
TRANSMISSION FLUID	K&T	1	1	0	B
TRITON X-405	T	1	1	0	B
TROYSAN AF1	K&T	2	2	0	D
TROYSAN #174	K&T	3	2	0	H
TROYKYD ANTISKIN	K	3	2	0	H
TROYMAX ZIRCONIUM	K	2	2	0	H
VANDYKE BROWN PIGMENT	T	1	1	0	B
VETAK GLUE	T	1	0	0	A
VINSOL	K	2	1	1	E
( OLCLAY SPV-200	T	0	0	0	E
XYLENE	T	2	3	0	G
YELLOW IRON OXIDE	T	1	1	0	B
ZIRCO 6% (SEE TROYMAX ZIRCONIUM)					
ZINC OXIDE	T	2	0	0	E

HMIS#

WELLS FARGO BANK  
ENVIRONMENTAL RISK DISCLOSURE QUESTIONNAIRE

SUBJECT PROPERTY - Street 2150 Taylor Hwy  
City & State Tacoma WA  
Assessor's Parcel No. 0321355002

List types of business presently conducted on property: Quiet storage of roofing materials and manufacturing of steel tanks.  
Past uses of property, (if known): Woodworking facility and manufacturing of steel tanks.

- \*Yes No
- 1.   Are there now or have there ever been any above or below-ground storage tanks located on the property?
- 2.   Are there any electrical transformers on the property?
- 3.   Are there any groundwater wells on the property?
- 4.   Are there any ponds, drainage ditches, surface impoundments, sumps, or septic systems on or adjacent to the property?
- 5.   Are you aware of any landfills or disposal sites on the property?
- 6.   Are there any depressed areas in the land or dead vegetation?
- 7.   Are there any railroad tracks or underground pipe lines on or adjacent to the property?
- 8.   Are you aware of any asbestos-containing materials, (ACM's) on the property? (e.g. sprayed-on fire-proofing, pipe wrap, friable ceiling tiles, acoustical plaster, etc.)
- 9.   Are there now, or have there ever been, any toxic/hazardous materials used, stored, generated, treated or disposed of on the property?
- 10.   Are there any areas of stained concrete, asphalt or soil on the property?
- 11.   Are there any unusual odors associated with the property?
- 12.   Is the property now, has it ever been, or do you anticipate it's becoming, the subject of environmental litigation, regulatory citations, violations, demand letters, or enforcement action?
- 13.   Are permits required in association with the use, storage, generation, treatment, emission or disposal of Hazardous or Toxic Materials at the subject property? Are operations in compliance with permit requirements? (Submit copies of permits, registrations and management plans.)
- 14.   Has the property ever been included, or do you anticipate it's inclusion, on any government list of contaminated sites?
- 15.   Are you aware of any other toxic/hazardous waste problems, existing or past, with subject property? To your knowledge, has an environmental risk study every been performed on the property? If yes, submit a copy to the Bank. Yes
- 16.   Are you aware of Radon contamination at the subject property?
- 17.   Are you aware of any toxic/hazardous waste problems, existing or past, with adjacent or nearby properties?

\* Wherever a "Yes" answer is indicated, full disclosure of available information and documentation must be attached.

Other Remarks and Disclosures: Yes tanks are contained in Phase I study.

I hereby declare the information provided above to be true and correct to the best of my knowledge and recognize that Wells Fargo Bank will rely upon this information in evaluation of my loan request.

Borrower's Name: Douglas J. Williams Spence Date: 8/27/93  
Borrower's Signature: [Signature]

Free  
Copy  


**WORKSHEET 1  
SUMMARY SCORE SHEET**

**Note:** This document currently has no provision for sediment scoring route.

**Site Name/Location (Street, City, County, Section/Township/Range, TCP ID Number):**

R.W. Investments  
3376 Lincoln Avenue  
(aka 2150 Taylor Way)  
Tacoma, WA 98421  
Pierce County  
T-21 R-3E Section-35  
TCP ID: S-27-6211-000

**Site Description (Include management areas, substances of concern, and quantities):**

Site Description/History:

The Site Hazard Assessment (SHA) was conducted for the subject site, R.W. Investments (RWI), by the Tacoma-Pierce County Health Department (TPCHD) in late 1996. At that time, the parcels of concern, 032135-5-001 & -002, were relatively flat, encompassed an area slightly larger than three acres and were drained by a ditch that bordered the site to the south. The majority of the site was either paved or covered by the footprints of several large commercial warehouses. The property was bordered by Fields Corporation to the north, Holbrook's log storage yard also to the north (and west), Reichhold Chemical to the south, and 49th Avenue to the east. In general, the subject site and surrounding area was included in a larger geographic region known as the "Tacoma Tidelands Industrial area". In 1983 the entire Tacoma Tidelands Industrial area was promulgated a National Priorities List (NPL) site, thus receiving a superfund status designation by the EPA. By late 1996, the subject site and the names of the other above-referenced businesses had not been identified by the EPA as potentially responsible party's (PRP's) to the overall superfund area. However, both the "Field" and the "Reichhold" site were listed in the Department of Ecology's (Ecology) Site Information System (SIS database), of confirmed and suspected contaminated sites, and were also awaiting SHA's

Based on information documented in the site file, aerial photographs, and historical business directories, it appeared that the site was initially developed in 1965 to serve the needs of a small lumber company and a building contractor. According to the business directories, it also appeared that at least portions of the site continued to be associated with various milling and wood-turning activities until the mid-to-late 1980's. Two other tenants, Christopher Tool & Die and Pederson Boat Building Company, were also listed as occupants of a different portion of the site from approximately the mid 1970's until the early 1980's. Other known site occupants from the late 1980's until the mid-1990's, included Aurora Consolidators who were involved with transloading of cargo, and a company called Far West Trailer Repair. At the time of the SHA, the property was occupied by a company called Greer Steel. Greer Steel was a steel fabricating facility who specialized in manufacturing underground storage tanks.

In early 1992 RWI retained the environmental consulting firm of AGRA Earth & Environmental (AE&E) to conduct an environmental assessment of the subject property to determine if unreported dumping or spilling of hazardous materials had likely occurred as a result of former site use. As part of AE&E's initial investigation, three borings were advanced and completed as monitoring wells on site. Select soil samples were collected from the borings and water

samples were collected from the monitoring wells in March of 1992 and September of 1993. While the analytical results of AE&E's initial soil samples did not indicate a significant presence of TPH, leachable metals or Volatile Organic Compounds (VOCs) in the site soils, the groundwater results did report that ethylbenzene, styrene, hexachlorobutadiene and TPH (reported as gas and diesel) were present at concentrations that exceeded their respective Model Toxics Control Act (MTCA) Clean-up Levels. Therefore, based on the compounds detected in the groundwater, and AE&E's calculated groundwater flow direction, it was determined that the likely source of the contamination was from an area where a group of small storage sheds had been used to house liquid fiberglass resins and petroleum products.

On December 16, 1993, AE&E returned to the site in an attempt to confirm and remove the suspected source of groundwater contamination. Following the demolition and off-site removal of several small storage sheds, AE&E commenced with their excavation activities. During the excavation process, groundwater was encountered at a depth of approximately 2 1/2 feet below the ground surface. Throughout the excavation activities, resinous substances were encountered and strong odors reminiscent of airplane glue persisted in both the site soils and groundwater. Due to these strong odors the workers wore half face respirators with organic vapor filter cartridges throughout the majority of the excavation activities. The maximum depth of the excavation reached 5-6 feet and the level of the groundwater reportedly covered a significant portion of the work area. When AE&E's excavation activities were concluded, approximately 1,900 gallons of groundwater was pumped from the pit and six confirmational soil samples were collected from the limits of the excavation. The contaminated groundwater was disposed of at a permitted facility off-site and approximately 192 tons of contaminated soils were delivered to Regional Disposal Company in Seattle. The excavation was backfilled with a mixture of "clean" crushed rock and pit run gravel. Based on the analytical results, which were collected from the perimeter of the excavation, the site soils still contained significant levels of styrene (reported as high as 350 parts per million (ppm)). It should also be noted that the highest concentrations of styrene were detected in the northeast sidewall of the excavation. Further removal activities at this location were impeded due to the presence of a large warehouse building.

In April 1994, AE&E met with Ecology staff to discuss the status of their remedial activities and the appropriate cleanup standards for the known contaminants. Based on the location and industrial use of the subject site, Ecology determined that the acceptable groundwater cleanup levels for ethylbenzene and styrene would be 430 parts per billion (ppb) and 14.6 ppb respectively. The acceptable soil cleanup level for styrene was determined to be 1.46 ppm. As a result, AE&E recommended to the site owner that additional work be conducted at the site. AE&E's proposed scope of work included: 1) the placement of three additional borings and two additional monitoring wells; 2) additional soil and groundwater sampling and; 3) an evaluation of the ground water characteristics beneath the subject site. Based on information provided in the site file, it did not appear that any additional investigative or cleanup actions were conducted at the subject site, after that time. Subsequently, on November 4, 1994, the site was added to Ecology's Site Information System (SIS database) of suspected and known contaminated sites and recommended for a SHA.

The SHA was initiated by the TPCHD in mid-to-late 1996 to fulfill data requirements for subsequent scoring/ranking of the site under the Washington Ranking Method. Due to the existing site-specific analytical data, the SHA Program determined that further site sampling was beyond the scope of the SHA. As a result, the ranked value for the RWI site was based on the site specific laboratory analysis data documented by AGRA during their previous investigations.

**Special Considerations (Include limitations in site file data or data which cannot be accommodated in the model, but which are important in evaluating the risk associated with the site, or any other factor(s) over-riding a decision of no further action for the site):**

The SHA Program has determined that the known conditions at the subject site warrant additional investigative and/or cleanup work. Since the removal of "some" of the source contaminants has occurred, future groundwater sampling events may show a reduction in the contaminants that were previously identified in the groundwater. However the vertical and lateral limits of the "known" source of contaminants were never fully defined. According to AE&E's groundwater flow calculations, it is likely that additional soil and groundwater contamination is beneath one of the site's large warehouses and potentially further migrating to the north-northeast. Furthermore, the SHA program also recommends that future sampling events include screens for TPH compounds. Existing analytical data indicates that TPH may be present in the site's ground water at concentrations up to 19 times the acceptable level.

**ROUTE SCORES:**

Surface Water/Human Health: N.S.                      Surface Water/Environ.: N.S.  
Air/Human Health:                      N.S.                      Air/Environmental:                      N.S.  
Ground Water/Human Health: 50.7

WARSSH  
Rev. 7/12/94

**OVERALL RANK: 3**

WORKSHEET 2  
ROUTE DOCUMENTATION

1. SURFACE WATER ROUTE

List those substances to be considered for scoring: Source: 1-4

Not applicable to site / Not scored. Known contamination is reported to subsurface in nature only.

2. AIR ROUTE

List those substances to be considered for scoring: Source: 1-4

Not applicable to site / not scored. Known contamination is reported to subsurface in nature only.

3. GROUND WATER ROUTE

List those substances to be considered for scoring: Source: 1-4

TPH (Gasoline), Ethylbenzene, Hexachlorobutadiene, Styrene.

Explain basis for choice of substance(s) to be used in scoring.

TPH (Gasoline), Ethylbenzene, Hexachlorobutadiene and Styrene were used in scoring the ground water route, as each of their measured concentrations exceeded its respective MTCA Cleanup Level, and all were available to the ground water route through less than perfect containment.

List those management units to be considered for scoring: Source: 1

Contaminated Soil.

Explain basis for choice of unit to be used in scoring.

Contaminated soil was the management unit scored for the ground water route. Contaminated soil was scored on the basis of the following contaminants being detected in the groundwater (or soil) at concentrations that exceeded their respective MTCA Cleanup Levels.

TPH (Gasoline)-----Up to 19,000 ppb in water.  
Ethylbenzene-----Up to 3,400 ppb in water.  
Hexachlorobutadiene----Up to 14 ppb in water.  
Styrene-----Up to 350 ppm in soil.

**WORKSHEET 6  
GROUND WATER ROUTE**

**1.0 SUBSTANCE CHARACTERISTICS**

**1.1 Human Toxicity**

Substance	Drinking Water Standard		Acute Toxicity		Chronic Toxicity		Carcinogenicity		
	(ug/l)	Val.	(mg/kg-bw)	Val.	(mg/kg/day)	Val.	WOE	PF	Val.
1. TPH (Gasoline)	5	8	3306	3	-----	ND	A	0.029	5
2. Hexachlorobutadiene	1	10	90	8	0.002	3	C	0.078	3
3. Styrene	5	8	316	5	0.2	1	B2	0.03	4
4. Ethylbenzene	700	4	3500	3	0.1	1	--	-----	ND

Potency Factor Source: 2,4  
Highest Value: 10  
(Max.=10)  
+2 Bonus Points? 2  
Final Toxicity Value: 12  
(Max.=12)

1.2 Mobility (Use numbers to refer to above listed substances)  
 Cations/Anions: \_\_\_\_\_ Source: 1,2 Value: 3  
(Max.=3)

OR

Solubility(mg/l): 1)=3, 2)=0, 3)=2, 4)=2

1.3 Substance Quantity: Unknown Source: 3,4 Value: 1  
(Max.=10)  
 Explain basis: All contamination appeared to be subsurface in nature. Limited lab data was available to estimate a volume. Therefore, the the default value of "1" was used in the scoring.

**2.0 MIGRATION POTENTIAL**

2.1 Containment Source: 1,3,4 Value: 10  
(Max.=10)  
 Explain basis: Contaminated soil from spills or discharges has a value of 10 for containment.

2.2 Net Precipitation: 19.1" (Tacoma) Source: 5 Value: 2  
(Max.=5)

2.3 Subsurface Hydraulic Conductivity: Clay, silty clay Source: 4,11 Value: 1  
(Max.=4)

2.4 Vertical Depth to Ground Water: > 300 ft. Source: 4 Value: 1  
(Max.=3)  
For aquifer of concern.

WORKSHEET (CONTINUED)  
GROUND WATER ROUTE

3.0 TARGETS

3.1 Ground Water Usage: Pub. & Priv., alt. available Source: 10-12 Value: 4  
(Max.=10)

3.2 Distance to Nearest Drinking Water Well: 4000 ft Source: 1,7 Value: 2  
(Max.=5)

3.3 Population Served within 2 Miles: √pop.=√>10000=100 Source: 10,12 Value: 100  
(Max.=100)

3.4 Area Irrigated by (Groundwater) Wells within  
2 miles: 0.75/acres Source: 12 Value: 9  
0.75/150 = 0.75 (12.3) = 9 (Max.=5)

4.0 RELEASE

Explain basis for scoring a release to ground water: Documentation was made, and is available  
that a hazardous substance was released to  
ground water. However, it should be noted that  
the upper aquifer is unlikely to be intercon-  
nected with the drinking water aquifer of concern. Source: 3,4, Value: 5  
(Max.=5)

#### SOURCES USED IN SCORING

1. Washington Department of Ecology, WARM Scoring Manual, April 1992.
2. Washington Department of Ecology, Toxicology Database for use in Washington Ranking Method Scoring, January 1992.
3. Tacoma-Pierce County Health Department, 1996 SHA, on-site observations/file review.
4. RZA AGRA Inc., Engineering and Environmental Services. 1.) Description of Findings, Phase II Remediation, dated February 2, 1994, # 11-08158-01. 2.) Report to DOE summarizing Level II Environmental Site Assessment Conducted in March 1992 and additional subsurface characterization and remediation completed in 1993 and 1994. Report dated April 1, 1994. Report #11-08158-02 3.) Phase I Environmental Site Assessment, Dated October 1995, #11-08158-04.
5. Washington Climate for Pierce County, National Weather Service Forecast Office.
6. Soil Survey of Pierce County Washington, United States of Agriculture Soil Conservation Service.
7. U.S.G.S. Topo Map, 7.5 Min. Series, Photorev. 1981.
8. The Thomas Guide, Pierce County Street Guide and Directory, 1994 Edition.
9. Washington Atlas and Gazetteer.
10. DOH Public Water Supply System.
11. DOE/TPCHD Well Logs.
12. DOE Water Rights Information System (WRIS).
13. RZA AGRA Inc., Engineering and Environmental Services. Recommendations for Additional Work, dated May 16, 1994, #11p-07547-F.
14. Dept. of Fish & Wildlife, Habitat Biologist (Don Nauer), 863-7979.
15. Aerial Photographs, 1991.
16. A Catalog of Washington Streams and Salmon Utilization, Volume 1 Puget Sound, Washington State Department of Fisheries.
17. FIRM, National Flood Insurance Rate Map, City of Tacoma, Washington, Pierce County, Panel 25 of 45, #530148, Revised February 18, 1977.



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

P.O. Box 47400 • Olympia, Washington 98504-7600  
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6000

October 2, 1996

Mr. Bill Grimm  
2449 South Yank Ct.  
Lakewood, CO 80228

Subject: Site Hazard Assessment - R.W. Investments  
Ecology Site No. S-27-6211-000

Dear Mr. Grimm:

The Department of Ecology (Ecology) will conduct a site hazard assessment (SHA) of R.W. Investments, 3376 Lincoln Ave., Tacoma, under the Model Toxics Control Act (MTCA), Chapter 173-340-320 WAC. This assessment will be performed by Peter Nelson, Tacoma-Pierce County Health Department. He will contact you in the near future to arrange a suitable time for a site visit.

The purpose of an SHA is to gather information on past/present waste management activities, along with other basic site-specific environmental data, in order to score the site following the Washington Ranking Method (WARM) Scoring Manual guidelines. Potential/actual threats to human health and the environment are evaluated for each applicable migration route, with a resultant "hazard ranking" for the site determined.

Sites are ranked on a scale of one to five, with one representing the highest level of concern, and five the lowest, relative to all other assessed/ranked sites in the state. The level of relative concern may be such that a recommendation of "No Further Action" (NFA) is made, and your site will then be removed from Ecology's Site Information System (SIS) list.

For your information, Ecology will publish a notice in an upcoming issue of the Site Register that an SHA is scheduled for this site. This notice may evoke media inquiries. Likewise, the outcome of the SHA, either as a ranked site or a determination as NFA, will be published in the Site Register.

In addition to any required field work, the following information

# **RZA AGRA, Inc.**

*Engineering & Environmental Services*

11335 NE 122nd Way  
Suite 100  
Kirkland, WA 98034-6918  
(206) 820-4669  
FAX (206) 821-3914

2 February 1994

11-08158-01

R. W. Investments  
9000 East 96th Avenue  
Henderson, CO 80640

Attention: Mr. Bill Grimm

Subject: Description of Findings  
Phase II Remediation  
3376 Lincoln Avenue  
Tacoma, Washington

Mr. Grimm:

RZA AGRA, Inc. (RZA AGRA) is pleased to present this letter report summarizing remedial actions which took place at the subject site (Figure 1) between 16 December 1993 and 19 January 1994. Drawings and photographs for the subject area are included in this letter report (Appendix A), as are summary tables of laboratory results (Appendix B), and copies of laboratory results on samples collected on 16 December 1993 (Appendix C). A formal report will be provided under separate cover as specified in our proposal, dated 2 November 1993, which will include all laboratory analytical results, a more detailed discussion of our remedial activities, and conclusions and recommendations.

The objective of our remediation work was to remove a potential source of groundwater contamination (ethylbenzene and styrene) by removing contaminant containing soils at the site. Tidal influence from Commencement Bay near this site causes the groundwater elevation beneath the Tacoma tide flats to fluctuate up and down in response to the local tides. This in turn causes a washing action in the site soils, which tends to mobilize soil contaminants and concentrate them in the groundwater. Removing contaminant bearing soils removes the source of groundwater contamination.

An earlier environmental assessment report completed on the subject site by RZA AGRA, dated 17 March 1992, reported that resin storage tanks were once housed in a shed on the south central portion of the subject property (see Figures 2 and 3). A photograph taken at the time of the 1992 report shows the condition of the resin shed floor (Figure 4A). The floor, which consisted of a 10-foot-by-10-foot concrete slab, was covered with a dirty, brownish and whitish resin-like substance. The resin-like substance covered



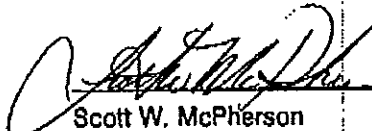
R. W. Investments  
2 February 1994

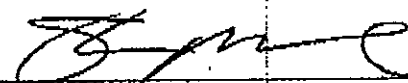
11-08158-01  
Page 5

(Figure 4C). Soil samples were taken in each quadrant of the excavation and submitted for laboratory analysis for volatile and semi-volatile organic compounds. Recommendations for future activities on the subject site will be addressed in our formal report to be submitted to you under separate cover.

We appreciate the opportunity to be of service to you on this project. Should you have any questions regarding the material in this letter, or any other aspect of this project, please feel free to call us at your earliest convenience.

Respectfully submitted,  
RZA AGRA, Inc.

  
\_\_\_\_\_  
Scott W. McPherson  
Project Engineer

  
\_\_\_\_\_  
Steven M. Marczewski, P.E.  
Associate Environmental Engineer

SWM/ah

- Appendices:
- A - Figures and Photographs
  - B - Tables
  - C - Laboratory Analytical Results/Chain-of-Custody Documentation





# RZA AGRA, Inc.

*Engineering & Environmental Services*

11335 NE 122nd Way  
Suite 100  
Kirkland, WA 98034-6918  
(206) 820-4669  
FAX (206) 821-3914

10 March 1994

11P-07294-F

R.W. Investments  
9000 East 96th Avenue  
Henderson, Colorado 80640

Attention: Mr. Bill Grimm

Subject: Remediation of Property Located at  
3376 Lincoln Avenue  
Tacoma, Washington

Dear Mr. Grimm

RZA AGRA, Inc. (RZA AGRA) is pleased to present this letter summarizing the present status of your project and recommendations for the next phase of work. As described in our letter report entitled "Description of Findings, Phase II Remediation"; dated 2 February 1994, approximately 192 tons of soil impacted by ethylbenzene, styrene, and other compounds typically associated with fiberglass resin manufacturing, have been excavated and removed from the site. At the present time it remains to be determined whether additional remediation of the property will be required by the Washington Department of Ecology (Ecology).

In Washington state soil and groundwater cleanup levels are defined under Chapter 173-340 WAC, the State Model Toxics Control Act (MTCA). Three methods for determining cleanup standards are defined under MTCA. These include Methods A, B, and C. Method A cleanup levels are listed in tables included in MTCA and the Federal and State drinking water regulations (40 CFR 141 and 246-290 WAC). Method A cleanup levels are intended for use at sites undergoing routine cleanup actions or with relatively few hazardous substances. Method A is also restricted to use on sites where tabulated Method A cleanup levels are available for the contaminants present. Because analysis of samples collected at the subject site indicate the presence of contaminants not included in the Method A tables, it is our opinion that Method A would not be appropriate for this project.

Method B and C cleanup levels are intended for use at residential and non-residential sites, respectively. Method C cleanup levels are further divided into two additional categories: commercial and industrial.

# RZA AGRA, Inc.

Engineering & Environmental Services

11355 NE 120th Way  
 11355 NE 120th Way  
 Suite 100  
 Portland, OR 97231-3915  
 Phone: 503-250-5669  
 Fax: 503-250-3915

1 April 1994

11-08158-02

Washington Department of Ecology  
 Southwest Regional Office  
 P.O. Box 47775  
 Olympia, Washington 98504-7775

Attention: Mr. Dick Hegarc

Subject: Project Summary  
 R.W. Investments Property  
 3378 Lincoln Avenue  
 Tacoma, Washington

Dear Mr. Hegarc:

RZA AGRA, Inc. (RZA AGRA) is pleased to present this letter summarizing subsurface characterization and remediation completed at the above referenced site.

### Introduction

The project site is located at 3378 Lincoln Avenue in Tacoma, Washington (Figure 1). The site is a rectangular parcel approximately 220 feet by 450 feet. A drainage canal borders the site to the south. The site is presently occupied by several large metal framed storage buildings with an abandoned wood waste elevator in the southwest corner of the site. Several small storage sheds were formerly located in the south central portion of the site. Anecdotal information provided to us indicated that one of these sheds was formerly used to house tanks of liquid fiberglass resin. The floor of the resin storage shed, which consisted of a 10 foot by 10 foot concrete slab, was covered with approximately 1/4 to 3/8 inches of a brownish-white resinous substance. The resin storage shed and two other nearby sheds were demolished in January of 1994.

### Level II Environmental Site Assessment

Work completed at the site to date includes a Level II Environmental Site Assessment conducted in March of 1992. This phase of study included installation of three, 16-foot deep borings, which were completed as



Washington Department of Ecology  
 1 April 1994

11-08158-02  
 Page 2

monitoring wells (B-1/MW-1 through B-3/MW-3) and laboratory analysis of soil and groundwater samples collected from these explorations. The exploration locations are shown on the S13 and Exploration Plan, Figure 2.

The soil types encountered were found to be generally consistent at all three boring locations. The subsurface stratigraphy consisted of 1 to 2 feet of medium coarse, gravelly, silty sand #6, overlying a fine sandy silt to silty, fine sand with lenses of organic rich silt to a depth of approximately 9 to 12 feet. This material was in turn underlain by fine sand with a trace amount of silt and gravel to the full depth explored. Groundwater was encountered in the borings at depths ranging from approximately 2 1/2 to 4 feet below ground surface. It was noted during one of our recent site visits that water accumulated in depressions in portions of the unpaved lot. This phenomenon may have been a result of groundwater fluctuation due to tidal changes in the nearby Hylebos and Blair Waterways. A summary of groundwater levels measured in the site wells is shown in Table 1. Groundwater migration based on these groundwater levels has been inferred to be toward the north-northeast.

Selected soil samples collected from the borings were tested for total petroleum hydrocarbons (TPH), TCLP metals by EPA Method 8211/6010/7410, and volatile organics by EPA Method 8241. An extractable range TPH concentration of 110 parts per million (ppm) by State Method WTPH-D was measured in a soil sample collected from boring B-2 at a depth of approximately 2 1/2 to 4 feet. An ethylbenzene concentration of 9.3 ppm was also measured in this sample. With the exception of trace concentrations of TCLP arsenic and barium detected in samples collected from borings B-2 and B-3 all other analytes were found to be non detectable. A summary of the analytical laboratory results for the soil samples tested is presented in Table 2.

Groundwater samples collected from monitoring wells MW-1 through MW-3 were each tested for TPH by EPA Method 8015 modified and volatile organics by EPA Method 624. Additionally, the sample collected from monitoring well MW-2 was also tested for priority pollutant metals, organochlorine pesticides and PCBs by EPA Method 608, and priority pollutant base/neutral and acids by EPA Method 626. Concentrations of ethylbenzene and hexachlorobutadiene of 3,400 and 14 parts per billion (ppb), respectively, were measured in the groundwater sample collected from monitoring well MW-2. A TPH concentration of 19 ppm was also measured in the sample collected from MW-2. Although the TPH in the sample from MW-2 was described by the laboratory as falling within the aged gasoline range, it was also noted that it appeared to be single component in nature. With the exception of some trace concentrations of chromium, copper, and zinc all other analyte concentrations were found to be below the method detection limits.

# RZA AGRA, Inc.

Engineering & Environmental Services

11335 NE 122nd Way  
Suite 100  
Kirkland, WA 98034-6918  
(206) 820-4669  
FAX (206) 821-3914

16 May 1994

11P-07547-F

R. W. Investments  
9000 East 96th Avenue  
Henderson, Colorado 80640

Attention: Mr. Bill Grimm

Subject: Recommendations for Additional Work  
R.W. Investments Property  
3376 Lincoln Avenue  
Tacoma, Washington

Dear Mr. Grimm:

Work previously conducted by RZA AGRA, Inc. (RZA AGRA) has indicated that soil and groundwater at the above referenced site has been impacted by volatile organic compounds, primarily ethylbenzene and styrene. The apparent source of these contaminants were tanks of liquid fiberglass resin formerly stored in a shed located in the south central portion of the site. The tanks have been removed and the shed was demolished in January of 1994. Subsequently, approximately 192 cubic yards of impacted soil was excavated from the vicinity of the former resin storage shed and hauled off site for disposal. The site is located in a heavily industrialized Environmental Protection Agency (EPA) study area. Because of this and the site's proximity to Commencement Bay, the Washington Department of Ecology (Ecology) indicated that cleanup standards other than those defined under the Washington State Model Toxics Control Act (MTCA) Methods A, B, or C (the cleanup standards routinely used in Washington State) may be applicable to the site.

On 24 April 1994, RZA AGRA met with Mr. Garin Schriever, Mr. Kelly Susswind, and Mr. Richard Heggen of Ecology's southwest regional office to define appropriate cleanup standards for the site and to discuss the need for additional action at the site. Ecology indicated that groundwater cleanup standards applicable to the site would include Federal acute marine toxicity standards as defined in the EPA Water Quality Criteria Gold Book, water quality standards for consumption of aquatic organisms as defined under the National Toxics Rule, and Method C cleanup levels defined under MTCA. Since all of these standards apply, the

cleanup standard for the site would effectively be the lowest of the three standards. Soil cleanup standards would be set at 100 times the groundwater cleanup standard. A summary of the soil and groundwater cleanup standards for the two primary contaminants of concern is shown below.

Contaminant	Cleanup Standard		Applicable Regulation
	Groundwater	Soil	
Ethylbenzene	430 ppb	43 ppm	EPA Gold Book
Styrene	14.6 ppb	1.46 ppm	MTCA Method C

#### Recommended Scope of Work

Analytical testing previously conducted at the site has indicated that the concentrations of ethylbenzene in groundwater samples collected from monitoring well MW-2 exceeds the cleanup standard listed above. However, no groundwater analyses have been performed since excavation of the impacted soil in this area. Additionally, analysis of soil samples collected from the perimeter of the excavation indicate concentrations of styrene exceed the cleanup standard of 1.46 ppm near the southeast corner of the excavation (sample S-SE; 3.7 ppm) and near the northeast corner of the excavation adjacent to the warehouse building (sample S-13194-E; 350 ppm). Based on this information we recommend the following scope of work.

- Resample groundwater from monitoring well MW-2 and test for volatile organics by EPA Method 8240.
- Drill three borings to depths of approximately 10 feet and analyze one sample from each boring for volatile organics by EPA Method 8240.
- Install two monitoring wells to depths of approximately 10 feet and analyze one soil sample and one groundwater sample from each well location for volatile organics by EPA Method 8240.
- Monitor the rate of groundwater recharge to one of the wells after purging prior to groundwater sampling to obtain an estimate of the hydraulic conductivity of the underlying aquifer (ball test).
- Monitor groundwater levels in monitoring well MW-2 and the two proposed wells for a 24 hour period (minimum) using an automated electronic datalogger to assess the possibility of fluctuations in groundwater migration direction which may result from the tidal fluctuations in nearby Commencement Bay.

R. W. Investments  
16 May 1994

Proposed monitoring well and boring locations are shown on the attached Proposed Exploration/Monitoring Well Plan, Figure 1. One of the borings and one of the monitoring wells would be located in the warehouse building located on the north side of the former resin shed. We recommend the locations in the warehouse because this appears to be the hydrologically downgradient direction and because drilling north of the warehouse would likely place the explorations at points too distant from the source area to adequately define the extent of the impacted area. Because of the height restriction involved in drilling inside the warehouse, drilling would be performed using a low clearance drill rig with a mast height of 12.5 feet. An itemized-cost estimate to conduct the above described scope of work is provided below.

Drilling Subcontractor

Drill 3 borings to depths of approx. 10 feet, drill and install two, 2-inch monitoring wells to depths of approx. 10 feet; includes monuments, decontamination, and cuttings containment ..... \$3,400

Laboratory Subcontractor

Soil, 5 Volatile Organics by EPA Method 8240 ..... 1,120  
Groundwater, 3 Volatile Organics by EPA Method 8240 ..... 672

RZA AGRA Labor and Materials

Drilling/Well Development ..... 930  
Labor ..... 275  
Materials/Mileage ..... 1,100  
Groundwater Sampling/Ball Testing/Well Head Surveying/Data Logger Setup and Takedown  
Labor ..... 600  
Materials/Mileage/Datalogger Rental ..... 750  
Data Analysis ..... 1,850  
Reporting ..... \$10,697  
Total .....

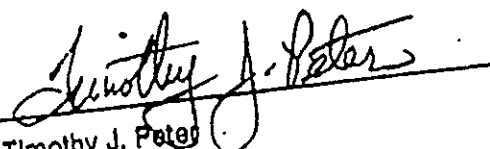
Soil cuttings generated during drilling would be stockpiled on site under plastic sheeting. Purgewater to be generated during monitoring well development and sampling would be stored on site in a 55 gallon steel drum. Because disposal costs for these materials will vary greatly depending upon contaminant concentrations, disposal has not been included in the above cost estimate. Disposal options and related costs would be provided to you upon return of laboratory testing results.

R. W. Investments  
16 May 1994

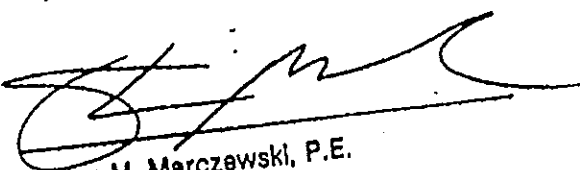
Our work would be performed on a time and materials basis in accordance with our current schedule of charges and general conditions, a copy of which is attached. If this proposal meets with your requirements, please sign in the space available below and return one copy to our office to serve as authorization to proceed. If you have any questions or comments regarding this proposal or other aspects of this project, please do not hesitate to call.

Respectfully submitted,  
RZA AGRA, Inc.

Approved by,  
R. W. Investments

  
Timothy J. Peter  
Project Environmental Geologist

\_\_\_\_\_  
Signature and Title

  
Steven M. Marczewski, P.E.  
Associate Environmental Engineer

\_\_\_\_\_  
Date

Enclosures: Figure 1. Proposed Exploration/Monitoring Well Plan  
1994 Schedule of Charges and General Conditions

**COPY**

DEPARTMENT OF ECOLOGY ENVIRONMENTAL REPORT

WEATHER:                      TIDE:                      ID#: 510172

DATE: 05/03/94 TIME: 08:30:00 COUNTY: PIERCE WATERWAY:                     

REPORTED BY: BILL GRIM LOC DESC: TACOMA TIDEFLATS AREA. NEAR LINCOLN AVE DITCH.

US NAME: R.W. INVESTMENTS STATE: WA CITY: TACOMA

ADDRESS: 3376 LINCOLN AVE HOME PHONE:                     

CITY: TACOMA BUS PHONE:                      BEST TIME TO CALL:                     

REPORTED VIOLATOR: R.W. INVESTMENTS STATE: WA EXT:                     

ADDRESS: 3376 LINCOLN AVE CITY: TACOMA ZIP:                     

CONTACT:                      PHONE:                      MAT TYPE: Solvents, Metals, Petroleum

MATERIAL: CHEMICALS SOURCE: UST/LUST

QUANTITY: UNKNOWN ACTUAL QUANTITY:                     

PROGRAM: TOP SECTION HD JANSEN INSPECTOR: Post

DATE INVEST: 9/30/94 DATE CLOSED: 9/30/94 IMPACT: ENVIRONMENT

LOCATION TAKEN: None POINT:                      LUST:                     

REFERRAL TO OUTSIDE ENTITY: CONTACT:                      CAUSE: UNKNOWN

DATE REFERRED: / / PHONE ( )

ARRATIVE: THIS SITE HAS STYRENE, ETHYLBENZENE & POSSIBLE HEAVY METALS IN THE SOIL & SHALLOW GROUND

WATER ON SITE ABOVE MTCA LEVELS OF CONCERN. KELLY SUBSEWING, DICK HEGGEN & GARIN SCHRIEVE

MET WITH TIM PETERS OF RZA AGRAS TO DISCUSS THE SITE CONTAMINATION & OTHER MTCA ISSUES

RELATING TO SITE CLEANUP. SITE NEEDS AN II. REQUESTING THAT RUSTY POST/TCP FOLLOW UP ON

THIS SITE.

11/23/94 meeting at Swpo was held in early summer 1994 - with Tim Petera/RZA AGRAS, Garin Skrive, and Dick Heggen. RZA has all of the information necessary to request a formal IIRAP should they choose to do so in the future. P. Heggen

AMPLES YES OR NO REPORT REQUESTED YES OR NO PICTURES YES OR NO

G

**APPENDIX G**

**Statement of Qualifications**

## KEY PERSONNEL

**RESUME OF:** Michael R. Kubler

**POSITION:** Environmental Specialist

**EDUCATION:** M.S., Environmental Health, Toxicology, University of Washington, Seattle, WA  
1994

"Prevalence of Shiga-like toxin producing *E coli* in the food supply of Seattle, WA"

B.S., Biology, Pittsburg State University, Pittsburg, KS, 1991  
Minors in Chemistry and Physical Sciences

**CERTIFICATIONS:**

AHERA Certified Inspector #7100-01-04-03  
Building Inspector Certification

**PROFESSIONAL  
EXPERIENCE:**

HILLMANN ENVIRONMENTAL CO. 1997 - Present

SAN DIEGO STATE UNIVERSITY, DEPARTMENT OF BIOLOGY  
Laboratory Technician

Managed a research laboratory, conducting independent research on avian kidney function, including field collection of specimens.

NORTHWEST LABORATORIES OF SEATTLE, Seattle, WA  
Chemist/Microscopist

Examined bulk samples; collected and analyzed samples to determine airborne asbestos levels; performed lead in paint analysis.

Performed Phase I environmental site assessments at residential and commercial sites

## KEY PERSONNEL

**RESUME OF:** James Watson  
**POSITION:** Regional Manager  
**EDUCATION:** Graduate Work, Environmental Science  
California State University, Fullerton, CA  
  
B.S. Biological Science  
University of California, Irvine, CA

### EMPLOYMENT

**HISTORY:** Hillmann Environmental Co., Inc.  
Leighton & Associates, Inc.,  
Earth Technology Corporation  
ENSR Consulting and Engineering  
Northrop-Grumman Corporation  
IT Corporation

### PROFESSIONAL

**CERTIFICATIONS:**

- California Registered Environmental Assessor (R.E.A #00367)
- Certificate (Hazardous Materials Management) University of California
- Certified Hazardous Materials Manager, Master Level (C.H.M.M. #791)
- Certified Hazard Control Manager, Master Level (C.H.C.M. #2055)
- Professional Environmental Marketing Association
- Air and Waste Management Association

### TECHNICAL

**SPECIALTIES:**

- Senior Environmental Program/Project Management, Phase I, II, and III
- RCRA/CERCLA Site Characterization/Closure Planning/Decommissioning
- Fuel Petroleum and Chlorinated Hydrocarbon Remediation Design/Engineering
- Compliance Auditing/Property Transfer Assessments/Air & Water Permitting
- Solid Waste/Landfill Investigation/Wastewater Treatment

### PROJECT EXPERIENCE:

Security Pacific National Bank - Property Site Assessments & Audits.  
Principal-in-Charge for conducting environmental due diligence audits on a \$500 million recapitalization and divestiture program involving thorough environmental site investigations at more than 20 major manufacturing facilities representing all divisional entities within Whittaker Corporation's business base.

**PROJECT  
EXPERIENCE:**

Bank of America - Property Site Assessments.

Principal-In-Charge for conducting a program of industrial property transfer site assessments and regulatory compliance reviews on 30 Kaiser Aluminum and Chemical Company facilities in 11 states.

Yellow Freight System, Inc. - Multiple-State Site Investigation. Principal-in-Charge for the conduct of extensive environmental site investigations at more than 100 motor freight trucking terminals across the United States and Canada, involving thorough subsurface soils and groundwater sampling, conductance of wetlands and threatened species investigations, and property transfer assessments for on-site and off-site contingent liabilities.

McDonnell Douglas Astronautics - Groundwater Investigation.

Senior Project Manager for the initial phases of investigating a soil and groundwater problem under agency administrative order at a major aerospace manufacturing plant in Huntington Beach, California involving chlorinated hydrocarbon contamination in shallow groundwater aquifers near a salt-water intrusion barrier system.

BDP Co. - Groundwater Remediation.

Senior Project Manager for a major chlorinated soil and groundwater remediation program involving extensive perchloroethylene (PCE) contamination.

City of Burbank - RCRA Site Closure.

Senior Project Manager of multiple remediation programs and site closures contaminated with both chlorinated and petroleum hydrocarbons in soil and groundwater along a main railway artery.

Stringfellow Acid Pits - Superfund RI/FS.

Served as technical representative for Northrop Corporation on the PRP Defense Technical Committee in responding to the State of California administrative orders regarding the cleanup and restoration of a significant EPA-designated NPL Superfund site in southern California.

Monsanto Chemical Co. - Facility Audit.

Project Manager for the conduct of periodic environmental compliance audits at several Southern California Chemical manufacturing facilities.