

DELAKE DISTRICT  
NE 1ST STREET, LINCOLN CITY, OREGON  
PHASE I ENVIRONMENTAL SITE  
ASSESSMENT

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*Prepared for*  
**LINCOLN CITY URBAN RENEWAL AGENCY**

*December 15, 2017*  
*Project No. 1467.01.01*

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# ILLUSTRATIONS

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## ACRONYMS AND ABBREVIATIONS

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AAI	all appropriate inquiries
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Act Information System
CFR	Code of Federal Regulations
Client	Lincoln City Urban Renewal Agency
CORRACTS	Corrective Action Report (USEPA)
CREC	controlled recognized environmental condition
DEQ	Oregon Department of Environmental Quality
ECSI	Environmental Cleanup Site Information
EDR	Environmental Data Resources, Inc.
ESA	environmental site assessment
HOT	heating-oil tank
HREC	historical recognized environmental condition
LUST	leaking underground storage tank
MFA	Maul Foster & Alongi, Inc.
NFA	No Further Action
NPL	National Priorities List
PCB	polychlorinated biphenyl
the Property	NE 1st Street, Lincoln City, Oregon, parcels 07-11-15-AC-03200-00
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Act Information System
REC	recognized environmental condition
SFIM	Sanborn Fire Insurance Map
TSD	treatment, storage, and disposal
USEPA	U.S. Environmental Protection Agency
user	Lincoln City Urban Renewal Agency
UST	underground storage tank

## EXECUTIVE SUMMARY

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This summary contains the findings and opinions of the environmental site assessment (ESA) and is intended for use with the supporting text, figures, and attachments of the complete report.

At the request of Lincoln City Urban Renewal Agency, Maul Foster & Alongi, Inc. (MFA) conducted this Phase I ESA of the site at NE 1st Street, Lincoln City, Oregon, parcel 07-11-15-AC-03200-00 (the Property).

The Phase I ESA was conducted in accordance with the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-13). In addition, the Phase I ESA report was prepared to support the Bona Fide Prospective Purchaser defense (Comprehensive Environmental Response, Compensation and Liability Act [CERCLA] § 101(4)) and the innocent purchaser defense (CERCLA § 101(35)(A)(i)). The Phase I ESA generally complies with 40 Code of Federal Regulations Part 312, adopted by the U.S. Environmental Protection Agency on November 5, 2005, and effective November 1, 2006. These rules identify the standards and practices for all appropriate inquiries under CERCLA § 101(35)(B). The purpose of the Phase I ESA was to identify, to the extent reasonably feasible, “recognized environmental conditions” (RECs).

### PROPERTY SUMMARY

The approximately 2.3-acre Property is located on parcel 07-11-15-AC-03200-00 in Lincoln City, Oregon. The Property is currently an undeveloped, vacant lot with natural vegetation used for recreation. Based on historical documentation, the Property was used for recreation on Devil’s Lake, and contained a restaurant and a fueling station from the early 1950s until the 1960s.

### RECOGNIZED ENVIRONMENTAL CONDITIONS

ASTM E1527-13 defines RECs as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment, (2) under conditions indicative of a release to the environment, or (3) under conditions that pose a material threat of a future release to the environment.

No RECs were identified for the Property.

### HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS

ASTM E1527-13 defines historical RECs (HRECs) as a past release of any hazardous substances or petroleum products that has occurred in connection with a property and that has been addressed to the satisfaction of the applicable regulatory authority, or meets unrestricted use criteria established by a regulatory authority, without the Property being subjected to any required controls.

No HRECs were identified on the Property.

## CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS

ASTM E1527-13 defines controlled RECs (CRECs) as resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority.

## DE MINIMIS CONDITIONS

A de minimis condition, as defined by ASTM E1527-13, generally does not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

No de minimis conditions were identified on the Property.

## DATA GAPS

**Possible Fueling Station Onsite.** Historical photographs from the 1950s and 1960s show the site occupied by buildings related to recreational use and a possible fueling facility. MFA did not identify documentation that specified if the fueling facility used underground storage tanks (USTs) or aboveground storage tanks. If UST(s) were used it is unknown if decommissioning took place, if tanks remain on the Property, or if a historic release occurred at the Property from fueling operations. MFA recommends completion of a geophysical survey to scan the Property for subsurface anomalies (such as remaining underground storage tanks or tank pits) prior to redevelopment. If features of concern are identified, soil and groundwater sampling may be warranted.

**Fill.** The title report indicated that a portion of the Property has been filled. The source of the fill material was not identified in the information reviewed by MFA. MFA did not observe visual and/or olfactory observations of concern related to fill material during the site reconnaissance visit to the Property.

## RECOMMENDATIONS

As documentation of the former fueling facility on the Property is limited, MFA recommends completion of a geophysical survey to scan the Property for subsurface anomalies (such as remaining underground storage tanks or tank pits) prior to redevelopment. If features of concern are identified, soil and groundwater sampling may be warranted.

## CONCLUSIONS

MFA has conducted a Phase I ESA, in conformance with the scope and limitations of ASTM Practice E1527-13, of NE 1st Street, Lincoln City, Oregon.

The Phase I ESA revealed no evidence of RECs in connection with the Property. Data gaps and failures were identified with recommendations summarized above.

# 1 INTRODUCTION

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## 1.1 Purpose

On behalf of Lincoln City Urban Renewal Agency, Maul Foster & Alongi, Inc. (MFA) conducted a Phase I environmental site assessment (ESA) of the Property located at NE 1st Street, Lincoln City, Oregon, parcel 07-11-15-AC-03200-00 (the Property) (see Figure 1-1). The Phase I ESA was conducted in accordance with the requirements of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-13). In addition, the Phase I ESA report was prepared to support the Bona Fide Prospective Purchaser defense (Comprehensive Environmental Response, Compensation and Liability Act [CERCLA] § 101(4)) and the innocent purchaser defense (CERCLA § 101(35)(A)(i)). The Phase I ESA generally complies with 40 Code of Federal Regulations (CFR) Part 312, adopted by the U.S. Environmental Protection Agency (USEPA) on November 5, 2005, and effective November 1, 2006. These rules identify the standards and practices for all appropriate inquiries (AAI) under CERCLA § 101(35)(B). The purpose of the Phase I ESA was to identify, to the extent reasonably feasible, “recognized environmental conditions” (RECs). ASTM Practice E1527-13 defines RECs as:

...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.

RECs include the presence of hazardous substances or petroleum products even under conditions that comply with applicable environmental laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

## 1.2 Scope of Work

The scope of work included four components, each of which is briefly described below.

### 1.2.1 Site Reconnaissance Visit

On November 29, 2017, Merideth D’Andrea of MFA conducted a site reconnaissance of the Property to look for evidence of RECs. The results of this site visit are documented in Section 2.

## 1.2.2 Records Review

MFA reviewed the following records:

- State and federal agency database records as described in Section 4.1.
- Aerial photographs of the site as described in Section 4.3.1.
- Sanborn Fire Insurance Maps (SFIMs) for the Property, if available. See Section 4.3.2.
- Historical city directories for the Property, if available. See Section 4.3.3.
- Prior site assessment reports for the Property, if available. See Section 4.4.

The U.S. Geological Survey 7.5-minute quadrangle map (1962) for Lincoln County was used as the physical setting source (see Figure 1-1).

## 1.2.3 Interviews

To obtain site-specific information regarding the Property, MFA interviewed current and/or former managers, owners, occupants, and operators of the Property and adjoining properties as deemed prudent. MFA also interviewed state and/or local government officials for information about the Property. The interviews are discussed in detail in Section 5 of this report.

## 1.2.4 Report Preparations

MFA prepared this report in accordance with ASTM E1527-13. The recommended format was adjusted to improve reader usability and comprehension. Consistent with this ASTM guidance document, the following issues were not evaluated during the Phase I ESA: asbestos-containing building materials; radon; lead-based paint; lead in drinking water; wetlands; regulatory compliance; cultural and historic resources; industrial hygiene; health and safety; ecological resources; endangered species; indoor air quality (including vapor intrusion); biological agents; toxic fungus; mold; and high-voltage power lines. Additionally, potential impacts to sediment within Devil's Lake were not assessed as the Property lies above the high water line<sup>1</sup>.

## 1.3 Significant Assumptions

Significant assumptions include any assumptions made during the Phase I ESA process that have the potential to impact the opinions put forth in the report. No significant assumptions were made in the preparation of this report.

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<sup>1</sup> Figures presented within this report may depict inundated land within the boundary of the Property. MFA understands that the Property boundary is estimated based on a tax lot shapefile and may not reflect the current Property boundary in relation to the high water line

## 1.4 Limitations and Exceptions

Any opinions and/or recommendations presented in this Phase I ESA report apply to conditions that existed at the Property when the services were performed. No environmental assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of a Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the existence of RECs in connection with a property.

MFA conducted AAI regarding the potential for RECs at the Property. ASTM E1527-13 defines AAI as:

...inquiry constituting “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in CERCLA, 42 U.S.C §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense.

MFA is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services, and does not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

## 1.5 Special Terms and Conditions

No special terms or conditions apply to this Phase I ESA other than those set forth in ASTM Standard E1527-13, CERCLA 101(35)B(iii), and 40 CFR Part 312.

## 1.6 Deviations

There were no deviations from ASTM Standard Practice E1527-13, CERCLA 101(35)B(iii), and 40 CFR Part 312.

## 1.7 Additional Services

No services were performed outside the scope of ASTM Standard Practice E1527-13 for Phase I ESAs.

## 1.8 Qualifications of Responsible Environmental Professionals

The Phase I ESA of the Property was conducted by environmental professionals experienced in performing ESAs and familiar with ASTM Standard Practice E1527-13 and industrial facility operations. Résumés of the environmental professionals involved in the performance of the Phase I ESA are included in Appendix A.

## 1.9 Reliance

For the purposes of the contractual relationship, the term “Client” refers to Lincoln City, which has sole permission to rely on this report. ASTM Standard Practice E1527-13 defines the “user” as the party seeking to use the standard to complete an ESA. The Client is the user of this Phase I ESA.

# 2 SITE DESCRIPTION AND RECONNAISSANCE

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## 2.1 Objective and Methodology

Ms. Merideth D’Andrea of MFA conducted a site reconnaissance visit on November 29, 2017, in order to obtain information indicating the likelihood of the presence of RECs in connection with the Property. During the site reconnaissance visit, Ms. D’Andrea visually and/or physically observed the Property for evidence of the presence of RECs, including evidence of underground storage tanks (USTs) and aboveground storage tanks (ASTs), petroleum products, transformers containing polychlorinated biphenyls (PCBs), and use and storage of hazardous material. The Property and adjacent properties were also observed from public thoroughfares. Site photographs taken during the site reconnaissance are included in Appendix B.

### 2.1.1 Exterior

Ms. D’Andrea visually and physically observed the periphery of the Property. The uses of roads and paths, with no apparent outlet, on the Property were identified in an effort to determine whether these roads were likely to have been used as avenues for disposal of hazardous substances or petroleum products. The Property and adjacent properties were also observed from public thoroughfares.

### 2.1.2 Interior

The Property is vacant with no structures (Figure 2-1).

### 2.1.3 Limiting Conditions

No limiting conditions were observed.

## 2.2 General Site Setting

### 2.2.1 Property Location and Legal Description

The approximately 1.4-acre Property is located at NE 1st Street, Lincoln City, Oregon, in section 15, township 7 south, range 11 west, of the Willamette Meridian (see Figure 1-1). The property is located on tax lot 3200<sup>2</sup>.

### 2.2.2 Site and Vicinity Characteristics

The Property is currently zoned “Recreation Commercial.” The Property is currently used by the public for river and lake access and as a parking area for an adjacent boat launch area. In general, the Property is level with the surrounding area, generally sloping toward the south-adjointing D River and Devil’s Lake.

### 2.2.3 Current Uses of Property

The Property is currently used for lake access and as a parking area for a park and boat launch.

### 2.2.4 Past Uses of Property

Based on historical aerial photographs and fire insurance maps, the Property has been used for recreational purposes with a fueling station and restaurant since at least the 1950s and until the 1960s (see Section 4).

### 2.2.5 Current Uses of Adjoining Properties

Much of the area surrounding the Property consists of commercial and recreational uses.

The Property is bordered by the following:

- North—hotel, vacant land.
- South— Devil’s Lake followed by a hotel, commercial retail outlets, and single-family residences.
- East—park, vacant land.
- West—Highway 101 and Devil’s Lake overpass, parking for beach access, restaurant.

### 2.2.6 Past Uses of Adjoining Properties

According to available historical documentation, past uses of adjoining properties have included the following: commercial businesses (including hotels, restaurants, retail shops, cafés), residential, and recreation. A south-adjointing property on the opposite side of Devil’s Lake was noted to have been in use as a boat building and repair facility in 1951, transitioning to tourist oriented commercial uses

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<sup>2</sup> Formally 07-11-15-AC-03200-00.

similar to the rest of the surrounding area by at least the 1990s. The east adjoining property is vacant land.

### 2.2.7 Current or Past Uses in Surrounding Area

The Property is currently located in an area of recreational, residential, and commercial use. According to historic documentation, since at least the 1950s, the surrounding area appears to have been primarily residential and commercial.

### 2.2.8 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

According to Environmental Data Resources, Inc.'s (EDR) record search (see Section 4.1), the dominant soil types at the Property and in the general area are beaches and Praillier, which has very slow infiltration rates.

In general, the Property and surrounding area is flat, with local topography sloping toward adjoining Devil's Lake and its outlet to the Pacific Ocean. The Property is noted to likely be underlain by Quaternary alluvial deposits consisting of silt, sand, and gravel typical of low-lying river terrace deposits. Thick to thin-bedded sand of both marine and non-marine origin are present topographically above the Property. These deposits also include mud and silts deposited in estuarine conditions<sup>3</sup>.

According to well logs from the surrounding area, groundwater is generally encountered between ground surface and 20 feet below ground surface. The groundwater flow direction for the surrounding area is unknown, but is assumed to be locally toward Devil's Lake and then toward the west, toward the Pacific Ocean.

## 2.3 Interior and Exterior Observations

	Observed on the Property?		Notes
	Yes	No	
Structures		X	
Roads	X		The Property is accessed from the north by NE 1st Street. Highway 101 is adjacent to the Property to the west. Within the Property is a gravel driveway and parking area.
Potable Water Supply		X	Municipal water infrastructure appears to be present in the area.

<sup>3</sup> Snavelly, P.D., Jr., MacLeod, N.S., Wagner, H.C., and Rau, W.W. 1976. Geologic map of the Cape Foulweather and Euchre Mountain quadrangles, Lincoln County, Oregon. U.S. Geological Survey. Miscellaneous Investigations Series Map I-868.  
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	Observed on the Property?		Notes
	Yes	No	
Sewage-Disposal System		X	Municipal sewer infrastructure appears to be present in the area.
Hazardous Substances and Petroleum Products in Connection with Identified Uses		X	
Storage Tanks		X	
Odors		X	
Pools of Liquid		X	
Drums		X	
Hazardous-Substance and Petroleum-Product		X	
Unidentified-Substance Containers		X	
PCBs		X	
Heating and Cooling		X	
Stains or Corrosion		X	
Drains or Sumps		X	
Pits, Ponds, or Lagoons		X	
Stained Soil or Pavement		X	
Stressed Vegetation		X	
Solid Waste		X	
Wastewater		X	
Stormwater	X		There was localized stormwater ponding observed in the gravel driveway and parking area. There were also spots within the vegetated areas that appeared to be marshy, primarily on the western portion of the Property.
Wells		X	
Septic Systems		X	

# 3 USER-PROVIDED INFORMATION

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MFA provided a Client/User Questionnaire to the Client. A copy of the completed form is included as Appendix C. The Client is the user of this Phase I ESA.

## 3.1 Title Records

Title records for Property were provided by the Client and were reviewed to identify environmental liens or activity and use limitations, if any, that are currently recorded against the Property. The title report is included as Appendix D.

The available title report indicates a portion of the Property was filled in.

Activity use limitations or environmental liens related to hazardous substances or petroleum products were not observed in the documentation reviewed by MFA.

## 3.2 Environmental Liens or Activity and Use Limitations

The Client reported that, to the best of her knowledge, there were no environmental liens or activity and use limitations on the Property.

## 3.3 Specialized Knowledge

The Client provided no specialized knowledge regarding the Property.

## 3.4 Commonly Known or Reasonably Ascertainable Information

The Client provided the following information commonly known or reasonably ascertainable within the local community that is relevant to RECs in connection with the Property:

- Historic photos from the 1950s and 1960s showing the Property in recreational/commercial use, containing several buildings. A fueling company sign is visible on the Property. These photos are further discussed in Section 4.4.

## 3.5 Valuation Reduction for Environmental Issues

The Client has determined that the purchase price has not been affected by the presence of contamination.

## 3.6 Owner, Property Manager, and Occupant Information

According to Alison Robertson, Urban Renewal Agency Director, the Property is owned and managed by the Lincoln City Urban Renewal Agency and is currently vacant.

### 3.7 Reason for Performing Phase I ESA

The Client reported that the purpose of this Phase I ESA is due diligence in preparation for selling or redeveloping the Property.

## 4 RECORDS REVIEW

### 4.1 Standard Environmental Record Sources

MFA contracted EDR to search state and federal agency record sources for information regarding the Property and sites near the Property. All databases were searched using the standard approximate minimum search distances specified in ASTM E1527-13 or the search distances used by EDR, if those are greater. The sites identified by this database search are shown in the following table. A list of “orphan” sites with inadequate address information for mapping was also researched; orphan sites found to be within the appropriate search radii are also included in this table. The EDR-generated report is included in Appendix E.

Databases Searched	Sites Listed	
	EDR Geocheck	Orphan
<b>Approximate Minimum Search Distance: 1.0 Mile from Property Boundary</b>		
USEPA National Priorities List Sites (NPL)	0	0
Federal Delisted NPL	0	0
USEPA Corrective Action Report (CORRACTS)	0	0
Department of Environmental Quality (DEQ) Environmental Cleanup Site Information (ECSI)	0	0
DEQ Confirmed Release List	0	0
State Equivalent NPL	0	0
Tribal Equivalent NPL	NA	0
<b>Approximate Minimum Search Distance: 0.5 Mile from Property Boundary</b>		
USEPA’s Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS)	0	0
Resource Conservation and Recovery Act Information System Non-CORRACTS Treatment, Storage, and Disposal (RCRIS-TSD)	0	0
Oregon CERCLIS Equivalent	3	0
Oregon Voluntary Cleanup Sites	0	0
Oregon Solid Waste Information Systems (Landfills)	1	0
DEQ Brownfield Projects	0	0
DEQ leaking underground storage tank (LUST) Database	6	2
LUSTs on Indian Land	0	0
Tribal Databases (CERCLIS-Equivalent, Voluntary Cleanup Sites, Brownfield Sites, Landfill Sites)	NA	0

Databases Searched	Sites Listed	
	EDR Geocheck	Orphan
CERCLIS “No Further Remedial Action Planned”	0	0
United States Engineering Controls Sites List	0	0
United States Sites With Institutional Controls List	0	0
DEQ Engineering Controls at ECSI Sites	0	0
DEQ Institutional Controls at ECSI Sites	0	0
Tribal Engineering/Institutional Controls	0	0
<b>Approximate Minimum Search Distance: 0.25 Mile from Property Boundary</b>		
USEPA Resource Conservation and Recovery Act (RCRA) Large-Quantity Generator	0	0
USEPA RCRA Small-Quantity Generator	0	0
DEQ UST Database	1	1
DEQ AST Database	1	0
USTs and ASTs on Indian Land	0	0
<b>Approximate Minimum Search Distance: Property Only</b>		
Emergency Response Notification System	0	0
DEQ Underground Injection Control Program	0	0

Based on MFA’s review of the report provided by EDR, the following site was identified for further investigation of its potential to impact the Property:

- Heating Oil Tank (HOT) (LUST number 21-01-8320) (approximately 729 feet east of the Property at higher elevation): The DEQ database listing notes that a release of heating oil from a HOT was reported, and DEQ was to begin clean up on October 31, 2001. The cause of the release and media impacted was not recorded. As this site was noted as having a “cleanup completed” status on the DEQ database (similar to a No Further Action [NFA] determination), it appears unlikely to have impacted the Property.

The remaining sites have no reported releases, have reported that cleanup is complete and/or have received NFA determinations from the DEQ, and/or have little potential to impact the Property based on their proximity and/or elevation in relation to the Property.

## 4.2 Regulatory File Review

A regulatory file review was not conducted for the Property, as sufficient information was obtained from other sources and no site listings on or near the Property were identified as having the potential to impact the Property. This is not considered to be a data gap.

## 4.3 Historical Use Information on Property and Adjoining Properties

MFA used the following information sources to obtain historical use(s) information.

### 4.3.1 Historical Aerial Photographs Review

Aerial photographs of the Property from 1955, 1976, 1982, 1985, 1990, 1994, 2005, 2009, 2011, and 2012 were obtained from EDR and reviewed to identify historical changes to the Property and the Property's historical uses, if any (see Appendix E).

Image quality for aerial photographs from 1955 through 1990 is poor. From what can be discerned, the Property appears to contain cleared areas on the eastern half of the Property that are accessed from NE 1<sup>st</sup> Avenue. The Property is in obvious use as a parking area beginning in 2009, where barrier boulders along Devil's Lake and an access trail to the opposite of Highway 101 are observed.

The property to the east was cleared by 1955 and appeared to provide access to Devil's Lake. It has remained consistent through 2012.

Properties to the south appear to have been in commercial as retail or hotels, or single-family residential use from 1955 until present.

The properties to the west have been a beach access parking lot or beach since at least 1955. A portion of the beach was developed into a restaurant by 1994.

Properties to the north appear to have been developed with a small structure from 1955 until 1982, when a hotel was constructed on it. The property to the east and northeast appears to have been vacant since 1955. The properties to the northwest were single and multi-family residential or hotel use from 1955 until present. The use of one northwest property transitioned to a restaurant in 1994.

### 4.3.2 Sanborn Map Review

SFIMs were requested from EDR. EDR provided a SFIM from 1951 and it was reviewed to identify the Property's historical uses, if any (see Appendix G).

- 1951—The Property is vacant. The properties immediately adjacent to the Property and in the surrounding area consist of single-family homes, a machine shop, boat moorages, and office space. The south adjacent property, across Devil's Lake, is noted as a boat repair facility with features such as wood beams, posts, and oil. This adjacent property was not listed in the regulatory databases reviewed by MFA (no record of a release from this former facility was identified).

### 4.3.3 City Directories

The Property does not have an address. However, EDR provided city directories for addresses along Highway 101 for 1992, 1995, 2000, 2005, 2010, and 2014 (see Appendix H).

In general, the listings provided for properties adjacent and surrounding the Property indicate residential use of the surrounding area and several motel listings.

## 4.4 Historic Documentation

The following documentation was provided by the client and included in Appendix I.

Historic photos dated in the 1950s show the Property contains at least two buildings, one labelled as a “Drive-In” and the other unlabeled. The Property is in recreational use (river/lake and beach access) and commercial use (e.g. restaurant, a fueling facility). A sign in the background is a chevron and appears to be a sign of a fueling station. What appears to be fuel pumps are present on the bulkhead of Devil’s Lake. It is unclear if the pumps are on the Property or the east-adjointing one. A 1960s-era photograph shows wood debris, deposited after the 1964 tsunami.

A Modified Level One Environmental Assessment was provided by the Client, which did not identify obvious evidence of commercial uses and did not reveal obvious practices of fuel pumping on the site for boating purposes. This report was performed on both the Property and the east-adjointing one.

# 5 INTERVIEWS

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## 5.1 Interview(s) with Representative(s) of Owner

Ms. Merideth D’Andrea of MFA was directed to Alison Robertson, representative for the current Property owner, for general and site-specific information regarding the Property. Ms. Robertson is the Urban Renewal Agency Director for Lincoln City and is familiar with the area surrounding the Property. Ms. Robertson indicated that, to her knowledge, there were no pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products on the Property. She was aware of no notices from any government agency regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products relative to the Property. According to Ms. Robertson, there are no environmental liens on the Property.

## 5.2 Interview with Key Site Manager

The representative for the owner is also the Key Site Manager. See Section 5.1 for the pertinent interview.

## 5.3 Interview(s) with Occupant(s)

The Property is currently vacant.

## 5.4 Interview(s) with Previous Operator(s), Owner(s), and Occupant(s)

Contact information for previous operators, owners, and occupants was not provided and/or is not likely to be relevant to this assessment.

## 5.5 Interview(s) with State and/or Local Government Officials

Fire Marshall Doug Kerr with the North Lincoln Fire and Rescue indicated they do not keep tank decommissioning documentation at their facility. He remembers the Property being occupied by several buildings in the 1950s through the 1960s and that the Property was used as a park at this time with swimming facilities.

## 5.6 Interview(s) with Owners or Occupants of Adjoining or Nearby Properties

Interviews with owners or occupants of nearby properties are required for properties that have been abandoned and that have evidence of potential unauthorized uses or evidence of uncontrolled access. Adjoining properties do not fit this description; therefore, interviews of these neighbors were not conducted.

# 6 FINDINGS AND OPINIONS

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## 6.1 Recognized Environmental Conditions

ASTM E1527-13 defines RECs as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment, (2) under conditions indicative of a release to the environment, or (3) under conditions that pose a material threat of a future release to the environment.

No RECs were identified for the Property.

## 6.2 Historical Recognized Environmental Conditions

ASTM E1527-13 defines historical RECs (HRECs) as a past release of any hazardous substances or petroleum products that has occurred in connection with a property and that has been addressed to the satisfaction of the applicable regulatory authority, or meets unrestricted use criteria established by a regulatory authority, without the Property being subjected to any required controls.

No HRECs were identified on the Property.

## 6.3 Controlled Recognized Environmental Conditions

ASTM E1527-13 defines controlled RECS (CRECs) as resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority.

No CRECs were identified on the Property.

## 6.4 De Minimis Conditions

No de minimis conditions were identified on the Property.

## 6.5 Data Gaps

**Possible Fueling Station Onsite.** Historical photographs from the 1950s and 1960s show the site occupied by buildings related to recreational use and a possible fueling facility. MFA did not identify documentation that specified if the fueling facility used underground storage tanks (USTs) or aboveground storage tanks. If UST(s) were used it is unknown if decommissioning took place, if tanks remain on the Property, or if a historic release occurred at the Property from fueling operations. MFA recommends completion of a geophysical survey to scan the Property for subsurface anomalies (such as remaining underground storage tanks or tank pits) prior to redevelopment. If features of concern are identified, soil and groundwater sampling may be warranted.

**Fill.** The title report indicated that a portion of the Property has been filled. The source of the fill material was not identified in the information reviewed by MFA. MFA did not observe visual and/or olfactory observations of concern related to fill material during the site reconnaissance visit to the Property.

## 6.6 Recommendations

As documentation of the former fueling facility on the Property is limited, MFA recommends completion of a geophysical survey to scan the Property for subsurface anomalies (such as remaining underground storage tanks or tank pits). If features of concern are identified, soil and groundwater sampling may be warranted.

## 6.7 Activity Use Limitations Compliance

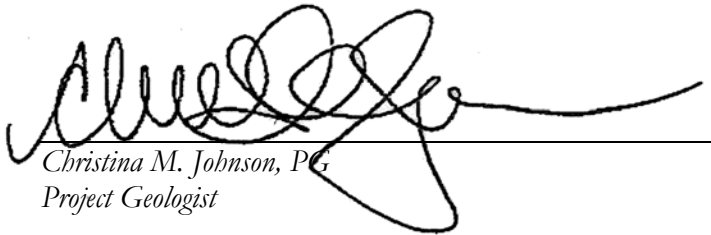
Activity use limitation related to hazardous substances and petroleum products were not identified.

## 6.8 Statement of Environmental Professionals Conducting Phase I Environmental Site Assessment

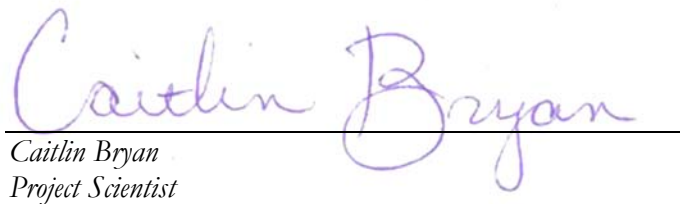
DELAKE DISTRICT  
NE 1ST STREET, LINCOLN CITY, OREGON

*The material and data in this report were prepared under the supervision and direction of the undersigned.*

MAUL FOSTER & ALONGI, INC.



Christina M. Johnson, PG  
Project Geologist



Caitlin Bryan  
Project Scientist

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

## 7 CONCLUSIONS

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MFA has conducted a Phase I ESA, in conformance with the scope and limitations of ASTM Practice E1527-13, of NE 1st Street, Lincoln City, Oregon, the Property. Any exceptions to, or deviations from, this practice are described in Section 1 of this report.

The Phase I ESA revealed no evidence of RECs in connection with the Property.

## 8 LIMITATIONS

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The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our Client. This report is solely for the use and information of our Client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the Client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

The purpose of an environmental assessment is to reasonably evaluate the potential for or actual impact of past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. The following paragraphs discuss the assumptions and parameters under which such an opinion is rendered.

No investigation is thorough enough to exclude the presence of hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not, therefore, be construed as a guarantee of the absence of such materials on the site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Environmental conditions that cannot be identified by visual observation may exist at the site. Where subsurface work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

Except where there is express concern of our Client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.

# FIGURES





Property

Site Address: NE 1st Street, Lincoln City, Oregon  
 Source: US Geological Survey (1962) 7.5-minute topographic quadrangle: Lincoln City  
 Section 15, Township 7 South, Range 11 West

### Legend

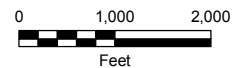
 Property Parcel

**Figure 1-1**  
**Property Location**  
**DeLake District**

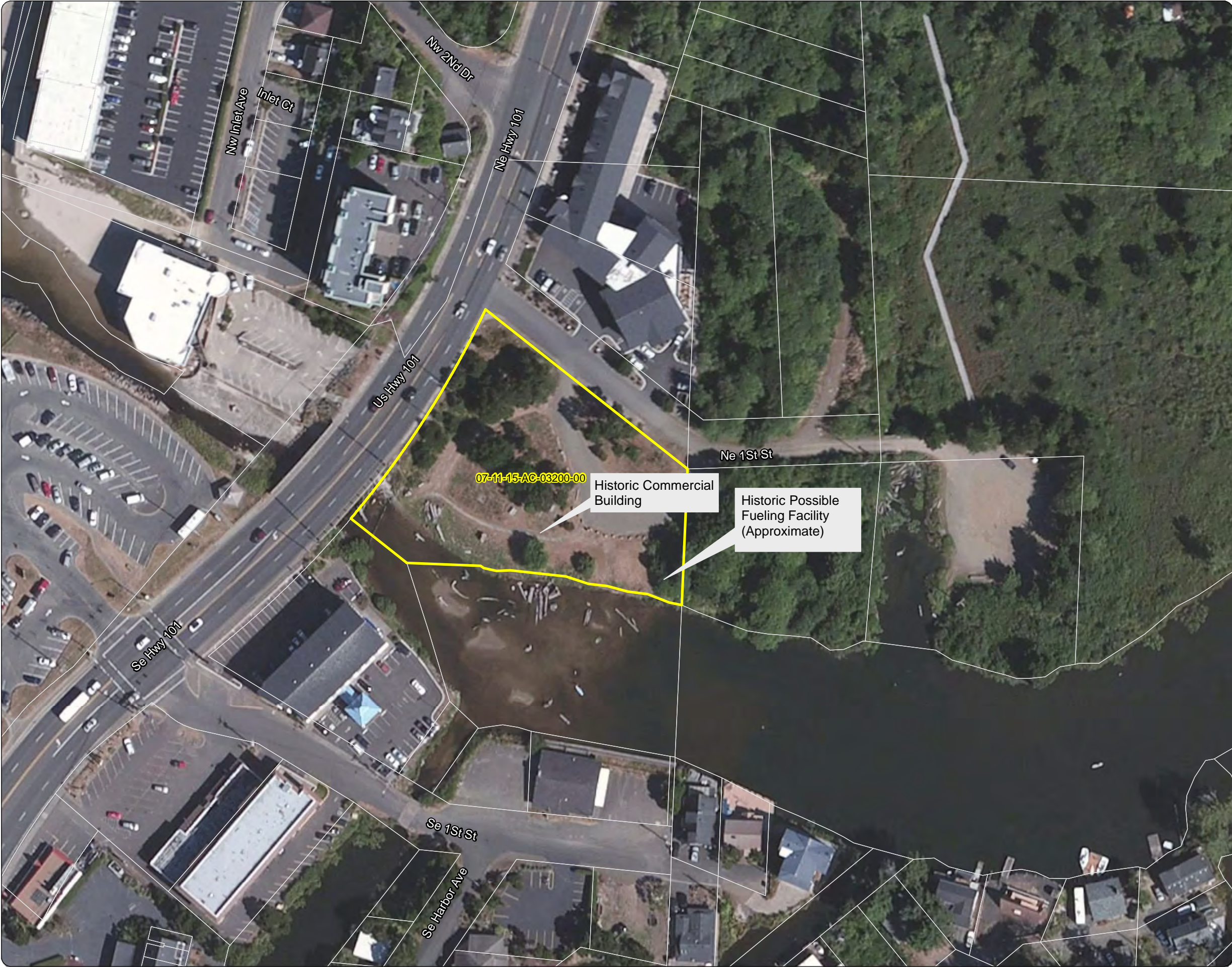
NE 1st Street  
 Lincoln City, Oregon



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.



Project: 1467.01 Produced By: astrandhagen Approved By: C. Wise Print Date: 12/11/2017 Path: X:\1467.01\Lincoln\_City\Projects\Fig2-1\_Property\_Features\_De\_Lake.mxd

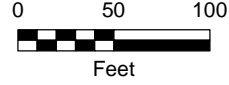


**Figure 2-1  
Property Features  
DeLake District**

NE 1st Street  
Lincoln City, Oregon

**Legend**

- Property Parcel
- Other Parcel



Source: Aerial photograph obtained from Mapbox;  
property features obtained from Lincoln County.



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# APPENDIX A

## RESUMES





[mdandrea@maulfoster.com](mailto:mdandrea@maulfoster.com)  
503.501.5216

#### Qualifications

- BS, Geology:  
University of Oregon

#### Licenses/Registration

- Registered Geologist:  
Oregon, No. G1979
- Licensed Geologist:  
Washington, No. 2752
- Professional Geologist:  
Idaho, No. PGL-1396

#### Certifications

- 40-Hour Hazardous Waste  
Operation Training
- First Aid/CPR Training
- Hazardous Material Incident  
Response Refresher

# Merideth D'Andrea, RG, LG, PG

## SENIOR GEOLOGIST

Ms. D'Andrea has 16 years of geologic and environmental consulting experience. She has managed a wide variety of projects and works regularly with clients and regulatory agency personnel. She has conducted investigations at dry cleaner sites, wood-treating facilities, aggregate mining sites, solid waste facilities, petroleum-contaminated sites, pesticide and herbicide facilities, and other hazardous-waste sites. Ms. D'Andrea has solid knowledge of field data collection techniques for soil, groundwater, sediment, and vapor intrusion evaluation. She has in-depth knowledge of Washington and Oregon environmental regulations. Ms. D'Andrea currently is the project manager for a client with several bulk petroleum and petroleum distribution sites throughout Oregon and Washington. Ms. D'Andrea manages investigation and cleanup projects along the Columbia Slough in Oregon and is the project manager for two complex multimedia investigation projects, one in southwest Washington and one in Astoria, Oregon.

## RELEVANT PROJECTS

### PORTLAND HARBOR SUPERFUND SITE

#### **Project Management and Allocation Support for an Industrial Client in the Portland Harbor, Portland, OR**

Ms. D'Andrea was the project manager for an industrial client involved in the Portland Harbor Superfund Site. She and her team provided support for allocation litigation, including extensive document research; stormwater basin analysis to identify potential sources of contamination; mass loading evaluations; and sediment fingerprinting to distinguish between sources.

### ENVIRONMENTAL SITE INVESTIGATION AND REMEDIATION

#### **Project Management, Remedial Investigation and Feasibility Study at a Former Dry Cleaner Facility, Ridgefield, WA**

Ms. D'Andrea currently serves as the senior geologist and project manager for an RI at this facility. The RI includes an evaluation of environmental impacts caused by former dry cleaning activities at the site. Ms. D'Andrea prepared the RI work plan and has coordinated and completed soil, groundwater, soil-gas, and indoor-air sampling at the former facility and on properties downgradient, using direct-push and sonic drilling techniques. Installation and monitoring of a groundwater monitoring well network have also been completed to evaluate nature and extent of impacts. Ms. D'Andrea worked with the Washington State Department of Ecology and Department of Health to define the scope of an appropriate sampling plan and develop informational materials for the local residents. As a result of the vapor

# Merideth D'Andrea, RG, LG, PG

assessment, MFA was able to show that there was no current risk to indoor air at the site. Ms. D'Andrea's team has performed an FS to identify potential cleanup alternatives for soil and groundwater at the site, including source removal and in situ bioremediation. MFA is currently working with Ecology and the DOH on this site to complete the RI/FS.

## **Project Management, Remedial Investigation, Feasibility Study, Remedy Implementation, and Source Control Evaluation at an Aluminum Extruding and Anodizing Facility, Portland, OR**

Ms. D'Andrea serves as the project manager and geologist for the RI and cleanup at this facility, which is adjacent to the Columbia Slough. The RI included an evaluation of environmental impacts caused by historical process-water-handling activities. Ms. D'Andrea conducted a soil and groundwater investigation to characterize the nature and extent of contamination and determine if site-related chemicals could migrate to the Columbia Slough. Ms. D'Andrea employed a triage approach in which sampling locations were adjusted during drilling activities, based on real-time data collection and field observations. Contaminants of interest are metals; it was discovered through the field investigations that a caustic release to former metal sludge ponds had increased pH and was mobilizing some of the metals. Results of these investigations were used to characterize potential risks that site-related chemicals may pose to human health and the environment and to assist in development of the selected remedial action alternative. MFA worked with the Oregon Department of Environmental Quality and the City of Portland to design, permit, and implement the remediation at the facility. Currently, MFA is monitoring to evaluate the effectiveness of the remediation as well as stormwater system upgrades and treatment, with the goal of achieving a source control decision from DEQ. MFA is currently working with DEQ to perform additional stormwater and mass loading evaluations.

## **Project Management for Industrial Facility, Astoria, OR**

Ms. D'Andrea is the project manager overseeing a team performing the remedial design, permitting, and remedial action to address upland soil and sediment contamination associated with a historical ship construction and repair facility. The remedy has been selected by the Oregon Department of Environmental Quality and includes excavation, dredging, dike restoration, capping, and monitored natural recovery.

## **Project Management, Remedial Investigation, Feasibility Study, Remedy Implementation, and Source Control Evaluation at a Chromium-Plating Facility and Former Landfill, Portland, OR**

Ms. D'Andrea served as the project manager and geologist for an RI/FS at this facility, which is adjacent to the Columbia Slough. She also served as primary coordinator for the site's National Pollutant Discharge Elimination System permit, compliance stormwater monitoring, and implementation of best management practices. The RI included an evaluation of environmental impacts caused by chrome plating and historical landfilling activities at the site. Ms. D'Andrea coordinated and completed soil and groundwater sampling using direct-push and hollow-stem-auger drilling techniques. Installation and monitoring of groundwater monitoring wells also were completed to evaluate possible impacts from historical fill and to assess the groundwater gradient under the site near the slough. Ms. D'Andrea worked on obtaining a consent judgment with the Oregon Department of Environmental Quality, waiving liability in the Columbia Slough, and facilitated negotiations on the Record of Decision for the site cleanup remedy. Ms. D'Andrea oversaw the implementation and completion of the remedy, which included a process with the City of Portland and Portland Department of Transportation for the vacation of an adjacent right-of-way, and is currently in the process of closing out the project with DEQ and obtaining a No Further Action status.

## **Project Management, Remedial Investigation and Feasibility Study at a Former Chrome-Plating Facility, Seattle, WA**

Ms. D'Andrea was the project manager and geologist for an RI/FS for this site adjacent to the Duwamish River and in the Duwamish River Valley industrial area. The RI included oversight of exploratory drilling and soil and groundwater sampling; installation and quarterly sampling of groundwater monitoring wells; subslab soil vapor sampling; performance of a beneficial water use survey; and groundwater fate and transport modeling using the U.S.

# Merideth D'Andrea, RG, LG, PG

Environmental Protection Agency's BICHLOR program. A No Further Action determination from the Washington State Department of Ecology with the execution of an Environmental Covenant is pending.

## **Project Management and Remedial Investigation at a Dry Cleaner Facility, Tualatin, OR**

In less than six months, through an investigation, including modeling efforts, MFA helped obtain a No Further Action determination and obtained closed-out status for the site. Ms. D'Andrea was the project manager and geologist for this site, which was located in a populated strip mall in Tualatin, Oregon. Other environmental consultants had completed work on the site, but the Oregon Department of Environmental Quality believed that the site was still a potential risk to receptors. The property owner sought MFA's assistance in obtaining closed-out status from DEQ.

## **Historical Research and Due Diligence for Industrial Lands Purchase and Swap, NW Oregon**

Ms. D'Andrea managed due diligence efforts associated with multiple major industrial land acquisitions for a municipal client in northwest Oregon. Industrial landfills, a wastewater lagoon, and former and active industrial facilities were involved, with potential cleanup actions for groundwater, soil, and near-shore sediment. Extensive historical document review was conducted to identify and summarize known and potential sources of contamination. In addition, Ms. D'Andrea conducted extensive agency negotiations, including obtaining a Prospective Purchaser Agreement with the Oregon Department of Environmental Quality.

## **Remedial Investigation for Multiple Brownfield Properties, Ridgefield, WA**

Ms. D'Andrea was the geologist responsible for development of the RI, including a subsurface field investigation involving direct-push drilling; soil, groundwater, and vapor sample collection; and logging exploratory borings, for a maintenance facility, a former fuel station site, and a former dry cleaner property located in downtown Ridgefield. She was responsible for data analysis and source characterization as well as for conducting a risk screening and evaluation. Ms. D'Andrea also provided support on the feasibility study and cleanup action plan development. This work is being conducted under an integrated planning grant for brownfield assessments through the Washington State Department of Ecology. Primary contaminants include petroleum compounds and chlorinated solvents.

## **Field Investigation and Underground Injection Compliance at an Industrial, Medical, and Specialty Gases Distributor, Portland, OR**

Ms. D'Andrea was the project lead for a site environmental investigation at the gas distributor facility located adjacent to the Columbia Slough, including conducting historical file reviews, subsurface investigations, monitoring well installation, groundwater monitoring, and communications with the Oregon Department of Environmental Quality. In conjunction with the subsurface environmental investigation, Ms. D'Andrea worked with DEQ to register one dry well by applying for rule authorization, and to register and decommission three on-site dry wells. MFA then designed, permitted, and oversaw construction of substantial upgrades to the client's existing stormwater system, including manufactured treatment devices, surface improvements to prevent off-site runoff, a new connection to an existing City of Portland storm main, and appurtenant piping and storm structures. This site received a No Further Action determination from DEQ in 2011.

## **Field Investigation and Drilling at a Former Pesticide- and Herbicide-Manufacturing Facility, Portland, OR**

To fulfill the requirements of a remedial investigation for a prospective purchaser agreement, Ms. D'Andrea oversaw the drilling and installation of roto sonic borings for soil and reconnaissance groundwater sampling. Ms. D'Andrea conducted surface soil sampling, quarterly groundwater sampling, and monthly water level monitoring. She oversaw the removal and disposal of listed investigation-derived waste. She managed data, prepared analytical tables, and assisted with report preparation.

## **Field Investigation, Drilling, and Overwater Sampling at a Silicon Wafer Manufacturing Facility, Portland, OR**

Ms. D'Andrea assisted with the remedial investigation at this facility, including overseeing drilling for soil and reconnaissance groundwater sampling. As part of the RI, she conducted routine groundwater monitoring in on-site

# Merideth D'Andrea, RG, LG, PG

wells, using low-flow sampling techniques. She also developed a sampling plan to acquire data for determination of the nature and extent of impacted sediment and groundwater under the Willamette River and for use in ecological and human health risk assessments. Ms. D'Andrea led the fieldwork, which included upland drilling to over 200 feet below ground; overwater drilling to depths of over 100 feet below the mudline; and collecting soil, sediment, and groundwater samples.

## **Field Investigation and Drilling at a Concrete Pipe and Precast Manufacturing Facility, Portland, OR**

Ms. D'Andrea oversaw the installation of groundwater monitoring wells and reconnaissance soil sampling in a permitted landfill at this facility to evaluate nature and extent of chemicals of interest. Continuous monitoring and management of methane gas were conducted during drilling.

## **Vapor Extraction Well Installations at a Former Wood-Treating Facility, Ridgefield, WA**

Ms. D'Andrea oversaw the installation of groundwater extraction wells for steam-injection remediation at a former wood-treating facility, and installed temperature and pressure transducers and monitoring wells to monitor the system effectiveness. She oversaw well abandonments and new monitoring well installations. The drilling was performed using hollow-stem-auger and air rotary drilling techniques. Chemicals of interest included pentachlorophenol; polycyclic aromatic hydrocarbons; and arsenic, chromium, and copper.

## **Soil and Groundwater Investigations at a Truck-Manufacturing Facility, Portland, OR**

The investigations conducted by Ms. D'Andrea at this site adjacent to the Portland Harbor involved focused reconnaissance drilling and sampling. After the investigations were completed, Ms. D'Andrea assisted in completing reports of the findings and procedures and in compilation of historical site data, including previous investigations and removals and beneficial water and land use.

## **Dredge-Fill Permitting, Toledo, OR**

Ms. D'Andrea was the field lead for the development of a sampling and analysis approach to characterizing sediment, consistent with Sediment Evaluation Framework and Project Review Group requirements, in order to proceed with maintenance dredging. The work included screening dioxins in dredge prism and leave surface sediments.

## **REFINERIES AND FUEL STATIONS**

### **Project Management, Environmental Investigations, Cleanup, Permitting, and Due Diligence at Active Cardlock and Bulk Fuel Facilities, Oregon and Washington**

Ms. D'Andrea currently serves as programmatic project manager, providing general environmental consulting for over 65 sites in Oregon and Washington, including tracking environmental cleanup status; communicating with regulatory agencies; assisting in the development of spill prevention, control and countermeasure plans; performing environmental site assessments, subsurface investigations, and sampling; overseeing remedial design and remedial actions; and reporting. For two of the sites in Washington, Ms. D'Andrea oversaw a team of people who designed and implemented multiple removal and cleanup actions. For several sites, Ms. D'Andrea led environmental site assessment efforts during site equipment upgrades and decommissioning, in accordance with Oregon Department of Environmental Quality and Washington State Department of Ecology underground storage tank regulations.

### **Project Management at Former Service Station and Active Automotive Repair Shop, Oregon City, OR**

Leaking underground storage tanks at a former service station released petroleum into the soil and shallow groundwater. Ms. D'Andrea was able to obtain a No Further Action determination from the Oregon Department of Environmental Quality for the petroleum contamination through conducting historical file reviews, subsurface investigations, monitoring well installation, groundwater monitoring, and communications with DEQ.

### **Project Management at Former Service Station, SE Portland, OR**

Leaking underground storage tanks and associated equipment at a former service station released petroleum into the soil. On behalf of the property owner, Ms. D'Andrea oversaw service station and tank decommissioning activities and

# Merideth D'Andrea, RG, LG, PG

subsequent soil removal to address petroleum contamination. Ms. D'Andrea was able to assist the owner and its attorney in negotiations with the service station operator and to obtain a No Further Action determination from the Oregon Department of Environmental Quality for the property to prepare it for transaction and/or future development.

## **Groundwater Sampling and Right-of-Way Permitting at an Active Service Station, Hillsboro, OR**

Leaking underground storage tanks at an active service station released gasoline into the soil and shallow groundwater. Ms. D'Andrea conducted quarterly groundwater and monthly water-level monitoring. She assisted in obtaining a right-of-way permit from the City of Hillsboro to perform this work by preparing a traffic control plan for this high-traffic site.

## **Groundwater Sampling and Nonaqueous-Phase Liquid Monitoring at a Former Manufactured Gas Plant and Petroleum Terminal, Astoria, OR**

Ms. D'Andrea conducted quarterly groundwater monitoring and monthly NAPL monitoring and removal from wells, and replaced absorbent pads over a petroleum seep in the intertidal zone.

## **Subsurface Investigation Using Triage Approach at an Active Truck Stop and Service Station, Klamath Falls, OR**

Gasoline and diesel were released into the soil and shallow groundwater on site. Ms. D'Andrea coordinated a subsurface investigation, using Geoprobe™ techniques, to delineate the impacted area. Ms. D'Andrea collected soil and reconnaissance groundwater samples, managed and compiled data, and assisted in writing the reports.

## **Permitting and Environmental Compliance at Various Underground Storage Tank and Underground Injection Control Sites, Pacific Northwest**

Ms. D'Andrea provided assistance in the decommissioning and/or rule authorization process for USTs and UICs on various sites, including preparation of regulatory forms and sampling and analysis plans, field confirmation sampling, closure reporting, and communications with regulatory agencies.

## **MINING**

### **Project Management and Thermal Transport Study from Mine Reclamation Lakes, Yakima, WA**

As a staff geologist for David Brown & Assoc, Inc., of Troutdale, Oregon, Ms. D'Andrea served as the project manager for two years of a five-year thermal transport study along the Yakima River in Yakima, Washington. The study was a part of a Washington State Department of Natural Resources Surface Mine Reclamation Permit for the Selah Lakes sand and gravel pit to assess whether heated surface water from the mining ponds was infiltrating into the adjacent Yakima River and affecting salmon spawning. Over half a million data points were collected annually from thermal sensors along the river. A statistical analysis was then performed on the data. The study concluded that the heated pond waters were not causing river temperatures to rise above background fluctuations.

### **Project Management and Dewatering Study, including Groundwater Modeling, Dallesport, WA**

As a staff geologist for David Brown & Assoc, Inc., of Troutdale, Oregon, Ms. D'Andrea was responsible for conducting a hydrogeologic study for the dewatering of a gravel mining operation in Dallesport, Washington. Ms. D'Andrea conducted groundwater-level monitoring in nearby residential domestic wells. The information generated from this work allowed the client to manage concerns with owners of adjacent property.

### **Project Management and Dewatering Study, including Groundwater Modeling, Grants Pass, OR**

As a staff geologist for David Brown & Assoc, Inc., of Troutdale, Oregon, Ms. D'Andrea was responsible for conducting a hydrogeologic study for the dewatering of a gravel mining operation at the confluence of the Applegate and Rogue rivers in Grants Pass, Oregon. This study included groundwater modeling using MODFlow® and aquifer tests and analyses.

# Merideth D'Andrea, RG, LG, PG

## ENVIRONMENTAL SITE ASSESSMENT

### **Phase I Environmental Site Assessment for an Active Metal Fabrication Facility, Milwaukie, OR**

Ms. D'Andrea was responsible for project coordination and for completion of a beneficial water use and land use determination in areas surrounding this company's facility. In addition, the investigation involved a reconnaissance site walk, along with compilation of historical data from Phase I and II ESAs. Ms. D'Andrea assisted in the report preparation. As a result of this work, the client received a No Further Action determination from the Oregon Department of Environmental Quality. The NFA determination will allow the client to develop or sell the property and, if necessary, to obtain funding from a financial institution.

### **Phase I and II Environmental Site Assessments for Various Commercial and Industrial Sites, Oregon and Washington**

Ms. D'Andrea was the geologist for Phase I and II ESAs for sites throughout Oregon and Washington, for commercial clients and development companies. Projects were completed within a condensed time frame to provide clients with information critical to transaction determinations. Some aspects of work were completed in support of litigation with other parties.

## INTERNSHIPS AND RESEARCH POSITIONS

### **Hydrogeologist Intern for the Oregon Health Division, Springfield, OR**

Ms. D'Andrea was a hydrogeologist intern for the Drinking Water Protection Program. She assisted in conducting wellhead protection delineations, using RESSQC® and ArcView® programs. Ms. D'Andrea used a Trimble 5000 to collect global positioning system field data and conducted aquifer-sensitivity analyses.

### **Research Assistant at the University of Oregon, Eugene, OR**

Ms. D'Andrea collected and interpreted data that contributed to a study titled "Seismically Induced Water Oscillations in a Fractured Rock Aquifer Well in Grants Pass, Oregon."

## PRESENTATIONS

Fourth Symposium on the Hydrogeology of Washington State, Thermal Transport Investigation: Selah Lakes Gravel Mine, Selah, Washington. Oral presentation, April 8 through 10, 2003.



cbryan@maulfoster.com  
503.680.9821

#### Qualifications

- Master's Certificate in Reclamation/Restoration Ecology:  
University of Wyoming
- BS, dual degree in Environment and Natural Resources and Geography with a concentration in Geographic Information Systems:  
University of Wyoming

#### Certifications

- AHERA-Accredited Building Inspector (asbestos)
- 40-Hour Hazardous Waste Operation Training and 8-Hour Hazardous Waste Operation Refresher Training

# Caitlin Bryan

## PROJECT ENVIRONMENTAL SCIENTIST

Ms. Bryan has 12 years of experience in the environmental field, including complex data compilation and assessment; Geographic Information Systems (GIS) services; laboratory analyses; field sampling of multiple media; and project management. Her project experience includes Phase I and II environmental site assessments (ESAs) and cleanups; regulatory assistance through voluntary cleanup programs and prospective purchaser agreements; mine land characterization; water-quality assessment; reclamation site design; river/wetland bioengineering; and watershed scale investigation. She effectively manages all aspects of projects and is recognized for distilling complex site conditions to a range of clients, regulators, and legal counselors. Ms. Bryan has assessed a wide range of site types, including gas stations, dry cleaners, multi-unit residences, large forest tracts, restaurants, landfills, abandoned mines, agricultural sites, and industrial facilities such as lumber mills and papermaking, metal plating, particle board manufacturing, and food processing facilities. Ms. Bryan's diverse educational and professional skill set contributes to her valuable insight and creative project solutions.

## RELEVANT PROJECTS

### PHASE I AND II ENVIRONMENTAL SITE ASSESSMENTS AND CLEANUP

Ms. Bryan has conducted more than 75 Phase I ESAs consistent with the requirements of the American Society for Testing and Materials Standard Practice for Environmental Site Assessment and the "All Appropriate Inquiry" rule under the Comprehensive Environmental Response, Compensation, and Liability Act. Some of these projects have led to Phase II investigations and remedial action, with protection of landowner liability provided through tools such as the Prospective Purchaser Agreement; Ms. Bryan has played an integral role in all of these. These sites span locations throughout California, Idaho, Oregon, and Washington and cover numerous land-use sectors, from heavy industrial to large tracts of forested land. Examples of Phase I, Phase II, and cleanup action projects are presented below.

#### Phase I and II ESAs, Former Nickel Mine, Douglas County, Oregon

Ms. Bryan conducted a Phase I ESA of 639 acres of timberland that contained a former nickel mine. Ms. Bryan identified potential risk from asbestiform minerals and metals, which was quantified through Phase II sampling. This provided the client with the information needed to make an informed decision, furthering their understanding of the acceptable uses of the property in its current condition.

# Caitlin Bryan

## **Phase I and II ESAs and Cleanup Assistance, Forestland, Truck Shop, and Lumber Yards, Klamath, Jackson, and Lake Counties, OR, and Siskiyou County, CA**

Ms. Bryan conducted a Phase I ESA of over 600,000 acres across four counties in two states. This assessment used GIS to identify sites of interest and focus site reconnaissance efforts. Ms. Bryan's aptitude for GIS and specialization in forestland and lumber mill assessment provided her with the tools to make an evaluation of such a large area not only feasible, but also diligent. In conjunction with the Phase I ESA, Ms. Bryan provided a findings memorandum that identified observed environmental conditions and proposed recommendations. These findings provided the client with information that resulted in a carve-out of a portion of the prospective purchase, which otherwise may have required an expensive cleanup effort. Ms. Bryan conducted four focused Phase II investigations, provided cleanup assistance, and completed technical reports resulting in the Oregon Department of Environmental Quality's finding of a No Further Action for six sites formerly listed by the DEQ as having suspected contamination.

## **Phase I and II ESAs, Former Superfund Site, Oregon**

Ms. Bryan conducted two Phase I ESAs for different portions of a former federal and state clean-up site. These assessments covered a combined area of 192 acres. The property was the subject of more than 50 years of industrial activity and more than 20 years of regulatory oversight. Ms. Bryan participated with a team of regulatory officials, lawyers, engineers, and scientists to communicate site conditions and identify data gaps. The identification of data gaps led to the completion of three focused Phase II assessments by Maul Foster & Alongi, Inc. (MFA), during which Ms. Bryan played a leading role, to provide the client with the level of comfort necessary for due diligence of the property.

## **Phase I ESA and Focused Investigation, Future City Park, Tukwila, WA**

Ms. Bryan conducted a Phase I ESA and managed a focused environmental investigation of a riverside property proposed for addition to a city park. Recognized environmental conditions identified in the Phase I ESA were investigated through the collection of soil and sediment samples, including implementation of incremental sampling methodology, to determine an approximate average concentration over an area of interest. Analytical results of a wide range of constituents were then compared to Model Toxics Control Act Methods A and B and ecological indicator screening-level values. Through subsequent conversations with city staff, MFA identified remedial actions that were integrated with site-preparation activities. Due in part to Ms. Bryan's identification of innovative sampling approaches to achieve project objectives, this project was completed on time and more than 25 percent under budget.

## **Phase I ESA, Historic Commercial District, Portland, OR**

Ms. Bryan conducted a Phase I ESA of five tax lots divided among various tenant uses, which included a parking garage, beauty salon, offices, restaurants, art galleries, and retail stores. An important and carefully considered issue in this assessment involved research regarding tenants' past uses of the property and former leaking underground storage tanks on the property and an adjacent property.

## **Phase I ESA, Historical Mine Sites, Forestland, Adams, Idaho, Valley, and Boise Counties, Idaho**

Ms. Bryan conducted a Phase I ESA of over 171,800 acres of timberland that contained more than 45 historical mine/prospect sites. Ms. Bryan's expertise in characterization of abandoned mine sites and GIS helped focus this assessment by identifying locations that have the potential to pose a risk to receptors.

## **Phase I and II ESAs, Former Chrome-Plating Facility, Vancouver, WA**

Ms. Bryan conducted a Phase I ESA and provided a thorough document review, which included environmental investigations on the property spanning over ten years. Ms. Bryan discovered data gaps and inconsistencies with previous sampling efforts, and a potential for groundwater contamination and hexavalent chromium particulate residue within the building. Ms. Bryan's findings led to the completion of Phase II work on the property by MFA, during which Ms. Bryan played a leading role. The Phase II investigation work included particulate residue and groundwater sampling and analysis.

# Caitlin Bryan

## **Phase I ESA, Powerdale Dam and Powerhouse, Hood River County, Hood River, OR**

Ms. Bryan conducted a Phase I ESA of approximately 400 acres of property situated along 3 miles of Hood River, including the Powerdale powerhouse and dam; approximately 0.2 mile of concrete canal and steel flume for water conveyance to the powerhouse; a rock-lined tailrace; nearly 2 miles of the Mt. Hood Railroad; a steel bridge that crosses the Hood River; unimproved riparian forest; a residence and shop; and the Hood River shoreline.

## **Phase I and II ESAs and Cleanup Action, Proposed Land Conservation for a 920-Acre Stock Ranch, Rainier, OR**

Ms. Bryan conducted a Phase I ESA consistent with the requirements of ASTM Standard Practice for Environmental Site Assessments. An important and carefully considered issue in this assessment involved the former use of hazardous products as part of the stock ranch's operations. Ms. Bryan's findings led to the completion of Phase II work by MFA on the property, during which Ms. Bryan played a leading role. The Phase II work included soil investigation and removal.

## **Phase I and II ESAs, and Cleanup Action, Proposed Land Conservation for a 65-Acre Bay and Riverfront Property, Ilwaco, WA**

Ms. Bryan conducted a Phase I ESA of a 65-acre property proposed for a conservation easement in Ilwaco, Washington. The Phase I ESA identified illegal dumping and leaking aboveground storage tanks. A Phase II ESA was conducted that included product sampling and identification as well as soil investigation and removal, taking into consideration ecological protection as a primary factor. To facilitate the transaction, Ms. Bryan provided on-time and under-budget assistance to ready this property for conservation within an expedited timeline.

## **Phase I and II ESAs and Cleanup Action, Former Service Station, Portland, OR**

Ms. Bryan managed a Phase I ESA, investigation, and cleanup at a former service station. The prospective purchaser required an unconditional No Further Action determination from the Oregon Department of Environmental Quality to prepare the property for residential redevelopment. The project was entered into DEQ's Independent Cleanup Pathway program, and environmental concerns, including underground storage tanks and petroleum-contaminated soil, were removed. An NFA was secured and the property transaction was completed within the expected timeframe.

## **Phase I ESA, Proposed Restaurant, Aloha, OR**

Ms. Bryan conducted a Phase I ESA of a proposed restaurant site in an urban area. An important issue in this assessment involved confirmed releases of chlorinated solvents to groundwater from two neighboring properties and an evaluation of the potential for vapor intrusion.

## **MINE SITE ASSESSMENT**

### **Completion of Engineering Evaluation and Cost Analysis for Historical Mining Sites for U.S. Bureau of Land Management, Little Frying Pan Gulch, Lake County, CO**

As part of a small team, Ms. Bryan completed an engineering evaluation/cost analysis for historical mining sites in the West Fork of Little Frying Pan Gulch. Ms. Bryan collected submeter global positioning system data and linked them with high-resolution LiDAR data to determine the volume of mine waste piles throughout the gulch. She also used these data to create multiple site design alternatives. Ms. Bryan's role in this project also included management of field sampling; sample collection; laboratory analysis; data quality assurance and quality control; data analyses; alternative design and cost benefit analyses; and reporting.

### **Remedial Action Performance Evaluation for U.S. Geological Survey and Lake Fork Watershed Working Group, Lake County, CO**

The Sugarloaf Mountain Mining Best Management Practice Monitoring Project is an effort by multiple partners to investigate the performance of the Dinero Bulkhead and monitor potential new discharge points throughout the surrounding area. Ms. Bryan managed field teams for this project and provided reconnaissance for new monitoring locations; collection of surface and groundwater samples for multiple constituents; and measurement of in-situ quality

# Caitlin Bryan

and chemistry parameters. Furthermore, Ms. Bryan provided GIS and global positioning system services for the project, including creation of a digital 3D model of underground mine workings identifying potential release locations.

## **Source Contribution Assessments and Project Planning, Bunker Hill Superfund Site, Coeur d'Alene Basin, ID**

Ms. Bryan has assisted with project planning and data analysis, assessing more than 30 metals-loading sources in the South Fork Coeur d'Alene River Basin. She assisted with the completion of four quality assurance project plans that also serve as work plans for remedial investigation. Ms. Bryan provides technical assistance for water-related sampling events on the Bunker Hill Superfund Site. This includes assessment of historical data, hydrologic conditions, and site features; project scope; conceptual reclamation designs to implement investigation, sampling, and monitoring tasks; and the statistical evaluation of groundwater monitoring at repository facilities. Ms. Bryan used Geographic Information Systems in addition to modeling software to assess metals impacts across surface water, groundwater, sediment, and soil to help define data gaps and assess site prioritization. Annually, she assesses the metals load contribution from source sites to the receiving watershed. In order to accomplish this task, Ms. Bryan created a custom modeling platform and display formats.

## **Hydrologic Characterization at Sugarloaf Gulch for Lake Fork Watershed Working Group and U.S. Bureau of Land Management, Lake County, CO**

Ms. Bryan performed surface water sampling, data analyses, spatial analysis, and report writing to complete a hydrologic characterization of Sugarloaf and Little Sugarloaf Gulch, in order to help prioritize watershed reclamation, to mitigate the degradation remaining after widespread historical mining activities. Ms. Bryan created a specialized loading assessment framework to quantify the contribution from individual sites to the creek. On interconnected projects, Ms. Bryan completed monitoring and laboratory analysis of groundwater in a wetland at the culmination of these two gulches, and she constructed a wetland for increased passive treatment at the upper portion of this area.

## **Field Management at a Superfund Site for U.S. Environmental Protection Agency and Colorado Department of Public Health and Environment, Lake County, CO**

Ms. Bryan has over three years of experience as a subcontractor to the USEPA and CDPHE on the California Gulch Superfund site, a historical hard rock mining district located above 10,200 feet. She managed field crews and provided extensive surface water, groundwater, snow, sediment, soil (mine waste), fish, and benthic macroinvertebrate sampling and monitoring. Ms. Bryan also created semiannual and annual sampling reports; ensured proper sample quality assurance and quality control, shipment, and tracking; and collected global positioning system data.

## **Completion of Preliminary Assessment/Site Inspection Reports for U.S. Forest Service, White River National Forest, Summit County, CO**

Ms. Bryan co-managed the completion of three preliminary assessment and site investigations on abandoned mine sites in the central Colorado Rockies. In addition to project management, Ms. Bryan directly provided global positioning system and GIS services, data analyses, and report writing.

## **Research of Cache Creek Basin for U.S. Bureau of Land Management, Chaffee County, CO**

Ms. Bryan helped conduct initial research of the entire Cache Creek basin, including historical research. She investigated and mapped all surface hydrologic features of the watershed, including conducting in-situ water quality and quantity analysis. This property contained historical gold placer and hydraulic mining and was newly acquired by the BLM.

## **Completion of Watershed Plan for Lake Fork Watershed Working Group, Lake County, CO**

As part of a small team, Ms. Bryan completed the Lake Fork of the Arkansas River Watershed Plan as a result of multiple years of sample collection that focused on impacts resulting from historical mining districts and smelters. This document includes extensive spatial data manipulation and cartographic images created by Ms. Bryan. She also

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managed and performed surface-water sample collection, laboratory analysis, data analyses, research, and report writing.

## **RESTORATION, RECLAMATION, GROUNDWATER ASSESSMENTS, AND MORE**

### **Remedial Design of a Fish Hatchery Reclamation Project for Nestlé Waters North America, Ruby Mountain Springs, Chaffee County, CO**

As project manager, Ms. Bryan completed a plan to return a commercial fish hatchery to a naturally functioning habitat for multiple species. Ms. Bryan led communications with the client, as well as with a stakeholder group, to ensure that the site's design met multiple goals. The final design included the creation of a wetland and riparian habitat focused around a meandering stream channel and two ponds. Through the incorporation of varied ecological zones, the design met habitat parameters for successful trout spawning, waterfowl, amphibians, and a host of vegetation. In addition to all other project tasks, Ms. Bryan collected submeter global positioning system data, linked them with other spatial data, and created site design plans using Geographic Information Systems.

### **Completion of a Site-Specific Assessment and Grazing Management/Monitoring Plan for Nestlé Waters North America, Big Horn Springs, Chaffee County, CO**

Ms. Bryan designed and completed sampling and monitoring tasks necessary for developing a grazing management plan to improve upland and wetland habitat and to obtain baseline data for six wetland areas. In addition, Ms. Bryan collected a large amount of global positioning system data and created document images using Geographic Information Systems. Ms. Bryan coauthored the grazing management plan under the guidance of Natural Resource Conservation Service personnel and advised the client on site infrastructure improvements.

### **Community Streambank Stabilization Project Development for Colorado Mountain College Natural Resource Management Internship Program, Lake County, CO**

Ms. Bryan worked with a local stakeholder group to identify and propose to granting sources a bioengineering river reclamation project on Union Creek. Ms. Bryan was successful in securing partner support and project funding. She also completed the collection of multiparameter baseline data and project design.

### **Assistance with In-Situ Bioassay Analysis of California Gulch for Colorado Division of Wildlife, Lake County, CO**

In order to determine the bioavailability of toxic metals in California Gulch, Ms. Bryan assisted the Colorado Division of Wildlife with an in-situ bioassay analysis using fish species.

### **Field Management and Groundwater Sampling for City of Aurora, Rocky Mountain Fen Research Project, Lake County, CO**

This study is designed to explore innovative approaches to mitigating impacts to mountain fen wetlands. Ms. Bryan managed field crews and performed groundwater depth and quality sampling.

### **Assistance with Groundwater Movement Analysis for U.S. Bureau of Reclamation and U.S. Environmental Protection Agency, Lake County, CO**

Ms. Bryan assisted the USBOR and the USEPA on a dye tracer study to investigate the groundwater hydrology at the California Gulch Superfund site and the Leadville Mine Drainage Tunnel. Ms. Bryan was responsible for the documentation of field and quality assurance/quality control procedures; surface and groundwater sample collection; and sample tracking.

### **Characterization of Creek Channel Morphology and Bank Stability for Wyoming Water Development Commission, Laramie, WY**

Ms. Bryan characterized the channel morphology and bank stability of Savery Creek, Wyoming. She performed a number of spatial calculations, surveyed river bends, collected soil samples, documented sites, and recorded soil profile characteristics.

# Caitlin Bryan

## **Groundwater Sampling near Arkansas River Fluvial Tailings for U.S. Geological Survey, Lake County, CO**

As an independent contractor, Ms. Bryan collected samples from lysimeters, piezometers, and groundwater wells in the Arkansas River Valley. She measured all samples for water quality and performed titrations for hardness. The water collected was often of a very minimal quantity, and therefore quality assurance and quality control were extremely stringent.

## **Data Management for Multiple Clients, Pacific Northwest**

Ms. Bryan assists with management of field data collected as part of Natural Resource Damage Assessments, using custom MS Access databases and Geographic Information Systems. Ms. Bryan supported the preparation of field datasets for merging with analytical chemistry results in the Query Manager Database operated by the National Oceanic and Atmospheric Administration.

## **Conduct Creel Survey of the Calcasieu Estuary, CH2M Hill, Lake Charles, LA**

This project consisted of two sets of surveys completed over a 28-day field event in which Ms. Bryan polled anglers to complete research on the consumption of aquatic creatures.

## **Mapping Support for Wind Energy Lease Acquisition for Knight Land Services, Laramie, WY**

As an independent contractor, Ms. Bryan provided Geographic Information Systems services from a remote location, providing all mapping-related support for wind energy lease acquisition.

## **LABORATORY EXPERIENCE**

### **Assistant Project Manager for Timberline Analytical Laboratory, Colorado Mountain College, Leadville, CO**

Ms. Bryan's duties as an assistant project manager included management and daily operations of the Timberline Analytical Laboratory. Equipment routinely used by Ms. Bryan included an inductively coupled plasma optical emission spectrometer, an ion chromatograph, an x-ray fluorospectrometer, an acid-digestion chemical fume hood, and a multitude of smaller bench top equipment. Ms. Bryan assisted with method creation; quality assurance and quality control procedure development; and laboratory health and safety.

### **Laboratory Technician at a Stable Isotope Laboratory, University of Wyoming, Laramie, WY**

As a laboratory technician, Ms. Bryan operated two continuous flow inlet stable isotope ratio mass spectrometers. These mass spectrometers were online with an elemental combustion system, a high-temperature conversion elemental analyzer, and a gas bench. Ms. Bryan's daily duties included preparing samples and standards for analysis; maintenance of the equipment, including calibration and troubleshooting; sample loading and analysis; data correction; computation; and finalization. Ms. Bryan created documents such as a health and safety plans, operating procedures, and inventories to train future employees and aid in laboratory safety and efficiency.

## **TEACHING EXPERIENCE**

### **Colorado Mountain College, Leadville, CO**

Ms. Bryan taught Introduction to GIS (GIS-100), Conservation GIS (NRE-242), and multiple subjects under the Natural Resource Management Internship Program.

## **SPECIALIZED TRAINING AND CONFERENCES**

Northwest Environmental Conference & Trade Show, Portland, Oregon, 2014

# Caitlin Bryan

"The Benefits of a Comprehensive Loading Assessment for Site Prioritization within an Adaptive Management Framework—a Case Study from the Bunker Hill Superfund Site," presented at the Pacific Northwest International Selection of the Air and Waste Management Association, Spokane, Washington, 2014

Environmental Visualization System Training, Maul Foster & Alongi, Inc., Portland, Oregon, January 2013

Hach Sigma 900Max Portable Sampler Training, Hach Company, Loveland, Colorado, March 2011

High Altitude Revegetation Conference, Ft. Collins, Colorado, March 2010

BLM Riparian Assessment Training, Grand Junction, Colorado, June 2010

ESRI Education Users Conference, San Diego, California, July 2010

ESRI International Users Conference, San Diego, California, July 2010

Colorado Watershed Assembly and Sustaining Colorado Watersheds Conference, Vail, Colorado, October 2010

Holistic Grazing Management Workshop, Leadville, Colorado, October 2010

Interactive Workshop on Spatial Technologies for Career and Technical Education, Lakewood, Colorado, September 2009

Perkins-Elmer Inductively Coupled Plasma Optical Emission Spectrometer Training, Perkins-Elmer, Leadville, Colorado, December 2009

Environmental Site Assessment Training, Colorado Mountain College, Leadville, Colorado, May 2003



[cjohnson@maulfoster.com](mailto:cjohnson@maulfoster.com)  
360.977.8561

#### Qualifications

- BS, Geological Sciences:  
University of Washington

#### Licenses/Registration

- Registered Geologist:  
Oregon, No. G2262
- Licensed Geologist:  
Washington, No. 2873

#### Certifications

- 40-Hour Hazardous Waste  
Operation Training
- 8-Hour Hazardous Waste  
Operation Refresher Training
- 8-Hour Hazardous Waste  
Operation Supervisor Training
- First Aid/CPR Training
- Mining Safety and Health  
Administration—Surface Mining

# Christina Johnson, RG, LG

## PROJECT GEOLOGIST

Christina Johnson has over 11 years of geologic and environmental consulting experience. She has performed as project geologist, task manager, and project manager on a wide variety of projects, including Phase I and Phase II environmental site assessments, solid waste disposal facility environmental monitoring, and site characterizations. She is proficient in writing contractor specifications and work plans, coordinating and conducting quarterly groundwater and surface water monitoring, and conducting drilling programs. She has managed all aspects of environmental site assessment projects, including determining scope; budgeting; conducting fieldwork; and coordinating contractors, team members, and clients, as well as documenting field and analytical results. Her experience includes development of field sampling plans, preparation of work plans, data management, regulation review, and preparation of technical reports. Ms. Johnson has extensive field experience collecting environmental samples of groundwater, surface water, soil gas, and soil. Ms. Johnson also has experience managing large databases utilizing SQL querying, MS Access, MS Excel, and Earthsoft EQulS software packages.

## RELEVANT PROJECTS

### MINE RECLAMATION

#### **Bunker Hill Superfund Site, Kellogg, Idaho; Idaho Department of Environmental Quality, Idaho**

Ms. Johnson supervised the proofing process of approximately 40,000 soil, water, and dust samples for the Coeur d'Alene Basin yard sampling program. She generated reports by querying in a SQL Server database for both residential and regulatory purposes. Ms. Johnson was also the primary author of the residential house dust summary.

#### **Groundwater Monitoring Program, Coeur d'Alene Basin, Shoshone, ID**

Ms. Johnson manages the water monitoring program for the Coeur d'Alene Successor Custodial and Work Trust. The objective of the program is to evaluate baseline conditions and source contribution from specific mine and mill sites, evaluate the effectiveness of future remedies, and provide information necessary for development of appropriate remedial actions. Ms. Johnson writes the yearly site-specific sampling and analysis plans and quality assurance plans; provides contractor oversight to ensure that work is performed consistent with the plans; evaluates data from samples collected at least twice a year at over 100 surface water, groundwater, and adit sample locations throughout the basin; performs statistical analysis; and writes the reports documenting all findings.

# Christina Johnson, RG, LG

## ENVIRONMENTAL SITE INVESTIGATION, CHARACTERIZATION, AND REMEDIATION

### **Solid Waste Landfill Site Characterization, Private Company, Portland, OR**

Ms. Johnson coordinated and managed a field sampling program to advance borings at selected monitoring locations to determine the full thickness of waste mass, depth of landfill gas occurrence, and groundwater conditions in an unregulated landfill. She implemented health and safety measures when airspace monitoring indicated unsafe environments. She also assisted in writing the characterization report summarizing landfill thickness extent and landfill gas trends throughout the site.

### **Environmental Site Assessments, Idaho, Oregon and Washington**

Ms. Johnson served as project manager for over 50 environmental site assessments. She conducted work for all aspects of these assessments. Tasks included establishing scope of work and estimating costs, project management, field implementation, and report writing. Sites ranged from agricultural to industrial properties. All tasks were completed on time and within budget.

### **Groundwater Monitoring, Former Munitions Disposal Facility, Clark County, WA**

Ms. Johnson was the field task leader and then the project manager for water monitoring work at a former army training center and munitions disposal facility that had operated for more than 85 years. She conducted all aspects of the monitoring program, including installation of dedicated bladder pumps, quarterly monitoring of a 17-well network, analysis of data, authoring technical reports, and coordination with Washington State Department of Ecology staff regarding results and trend analyses. Ms. Johnson also oversaw remedial actions in the form of excavation, treatment of heavy-metal-impacted soil, and removal.

### **Groundwater Monitoring, Former Fueling Facility, Palouse, WA**

Following remedial action at a former service station, agricultural supplier, and automotive repair facility, Ms. Johnson oversaw installation of compliance groundwater monitoring wells. Once the wells were installed, she conducted all aspects of the monitoring program, including well development, quarterly water monitoring, validation, and reporting. Once baseline conditions were established, she negotiated with the Washington State Department of Ecology to reduce the sampling frequency to twice a year.

### **Environmental Services, Municipality, Chehalis, WA**

Ms. Johnson conducted a review of all environmental reports for work conducted on vacant properties owned by a municipality. The goal of the work was to have the properties shovel-ready in anticipation of future development. Ms. Johnson evaluated the reports for data gaps and completion, identification of environmental concerns, and recommendations, if applicable. Ms. Johnson conducted Phase I environmental site assessments, underground storage tank pulls, and Phase II ESAs to close data gaps, address concerns, and implement recommendations included in the environmental reports. Where contamination was identified, Ms. Johnson supervised soil removal and confirmation sampling to ensure that no soil remained above cleanup levels.

# APPENDIX B

## SITE RECONNAISSANCE PHOTOGRAPHS





## PHOTOGRAPHS

Project Name: DeLake District  
Project Number: 1467.01.01  
Location: 1230 NE 1<sup>st</sup> Street  
Lincoln City, Oregon

### Photo No. 1

#### Description

Northern portion of the Property on the right, looking east.



### Photo No. 2

#### Description

Looking southwest on the Property; ponding visible in the gravel driveway.





## PHOTOGRAPHS

Project Name: DeLake District  
Project Number: 1467.01.01  
Location: 1230 NE 1<sup>st</sup> Street  
Lincoln City, Oregon

### Photo No. 3

#### Description

Northwest corner of the Property; Highway 101 and adjacent hotel in the background.



### Photo No. 4

#### Description

Gravel driveway and eastern edge of the Property.





## PHOTOGRAPHS

Project Name: DeLake District  
Project Number: 1467.01.01  
Location: 1230 NE 1<sup>st</sup> Street  
Lincoln City, Oregon

### Photo No. 5

#### Description

Ponding in central portion of Property; looking southeast.



### Photo No. 6

#### Description

Ponding in central portion of Property; looking southwest.





## PHOTOGRAPHS

Project Name: DeLake District  
Project Number: 1467.01.01  
Location: 1230 NE 1<sup>st</sup> Street  
Lincoln City, Oregon

### Photo No. 7

#### Description

Southern edge of  
Property looking  
southeast at Devil's Lake  
and adjacent  
residential/commercial  
area.



### Photo No. 8

#### Description

Southern edge of  
Property looking south.





## PHOTOGRAPHS

Project Name: DeLake District  
Project Number: 1467.01.01  
Location: 1230 NE 1<sup>st</sup> Street  
Lincoln City, Oregon

### Photo No. 9

#### Description

Standing on southern edge of Property looking north at 1<sup>st</sup> Street and an adjacent hotel.



### Photo No. 10

#### Description

Looking northeast.





## PHOTOGRAPHS

Project Name: DeLake District  
Project Number: 1467.01.01  
Location: 1230 NE 1<sup>st</sup> Street  
Lincoln City, Oregon

### Photo No. 11

#### Description

Western portion of  
Property looking west.



### Photo No. 12

#### Description

Western portion of  
Property looking north;  
note ponding in the  
background under the  
shade of the trees.



# APPENDIX C

## USER DATA REQUEST FORM



## Client/User Questionnaire

In order to qualify for one of the **Landowner Liability Protections (LLPs)** offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "**Brownfields Amendments**"), the "**User**" must provide the following information (if available) to the **environmental professional**. Failure to provide this information could result in a determination that "**all appropriate inquiry**" is not complete. This Client/User Questionnaire is to be completed by the party requesting the Phase I Environmental Site Assessment (ESA), who will be referred to as the "**User**." Typically the "**User**" is **NOT** the current property owner. It is acceptable to write "Do not know" or "Not that I am aware of."

Property Address: Delake District, 1230 NE 1st Street (07-11-15-AC-03200)  
Lincoln City, OR 97367

Name of User Completing Form: Alison Robertson

Relationship to Property: Representative / Urban Renewal Director

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? No

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any Activity Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? No

(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the User of this ESA, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property and therefore you would have specialized knowledge of the chemicals and processes used by this type of business?

No

Attached: Map  
Title Report  
Modified Level I EA (8-19-2003)

(4) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?  Yes  No

If you conclude that **there is a difference**, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

*This property will be offered for private development. Any future purchase price would be determined if the parties can form a development agreement that considers price, in addition to other negotiable property opportunities & constraints.*

(5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

(a) Do you know the past uses of the property?  Yes  No (summarize below if yes)

*I believe this property has never been developed.*

(b) Do you know of specific chemicals (including petroleum products) that are present or once were present at the property?  Yes  No (summarize below if yes)

(c) Do you know of spills or other chemical releases that have taken place at the property?

Yes  No (summarize below if yes)

(d) Do you know of any environmental cleanups that have taken place at the property?

Yes  No (summarize below if yes)

(e) Do you have any other environmentally-significant information?

*Not that I am aware of.*

(6) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the User of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? No.

**Prior to the site visit, the User must respond to the following questions:**

Is there any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?

Not that I am aware of.

Are there any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?

Not that I am aware of.

Are there any notices from any government agency regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Not that I am aware of.

**Additional Information**

In addition, certain information should be collected, if available, and provided to the environmental professional selected to conduct the Phase I ESA. This information is intended to assist the environmental professional but is not necessarily required in order to qualify for one of the LLPs. The information includes:

(a) The reason why the Phase I ESA is required It is not required but being done to assist with redevelopment.

(b) The type of property and type of property transaction, for example, sale, purchase, or exchange The likely goal is to move the property, through redevelopment, from public to private ownership, however this could occur through sale/purchase, reduced land cost, or lease until ownership becomes feasible.

(c) The complete and correct address for the property (a map or other documentation showing property location and boundaries, tax lot numbers, and parcel size is helpful) \_\_\_\_\_

Attached.

(d) The scope of services desired for the Phase I ESA (including whether any parties to the property transaction may have a required standard scope of services on whether any considerations beyond the requirements of ASTM Practice E 1527-13 are to be considered) \_\_\_\_\_

Per scope from contractor dated 4-11-17

(e) Identification of all parties who will rely on the Phase I ESA report Urban Renewal Agency & future developer (to be selected in 2018).

(f) Identification of the site contact and current owner and how these contacts can be reached  
Urban Renewal Agency Director, Alison Robertson email. Alison.R@LincolnCity.org  
phone. 541-996-1695

(g) Any special terms and conditions that must be agreed to by the environmental professional  
Not that I am aware of.

(h) Any other knowledge or experience with the property that may be pertinent to the environmental professional (for example, copies of any available prior ESA reports, documents, or correspondence concerning the property and its environmental condition) Attached  
G2 Associates Inc Modified Level One EA from 8-19-2003

Alison P. Nelson-Robertson  
Signature  
Director  
Title  
11-27-17  
Date

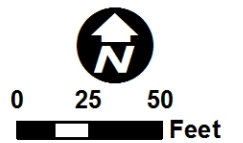
Alison P. Nelson-Robertson  
Printed Name  
Lincoln City Urban Renewal Agency  
Company Name

Please provide copies of the following documents (if available) as described in ASTM E 1527-13 Section 10.8.1:

1. Environment site assessment reports - GZ Associates Inc., Level 1 (Modified) 8-19-2003
2. Environment compliance audit reports
3. Environmental permits (for example, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
4. Registrations for underground and aboveground storage tanks
5. Registrations for underground injection systems
6. Material safety data sheets (a list is adequate)
7. Community right-to-know plan
8. Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; etc.
9. Reports regarding hydrogeologic conditions on the property or surrounding area
10. Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
11. Hazardous waste generator notices or reports
12. Geotechnical studies
13. Risk assessments
14. Recorded AULs
15. Title records - Title Report



1230 NE 1ST ST  
07-11-15-AC-03200



# APPENDIX D

TITLE REPORT





**OWNERSHIP AND ENCUMBRANCES REPORT WITH GENERAL INDEX LIENS**  
Informational Report of Ownership and Monetary and Non-Monetary Encumbrances

**To ("Customer"):** City of Lincoln City, Urban Renewal Agency  
801 SW Hwy, 101 - PO Box 50  
Lincoln City, OR 97367

**Customer Ref.:** \_\_\_\_\_  
**Order No.:** WT0140827  
**Effective Date:** April 25, 2017 at 05:00 PM  
**Charge:** \$250.00

The information contained in this report is furnished by Western Title & Escrow Company (the "Company") as a real property information service based on the records and indices maintained by the Company for the county identified below. THIS IS NOT TITLE INSURANCE OR A PRELIMINARY TITLE REPORT FOR, OR COMMITMENT FOR, TITLE INSURANCE. No examination has been made of the title to the herein described property, other than as specifically set forth herein. Liability for any loss arising from errors and/or omissions is limited to the lesser of the charge or the actual loss, and the Company will have no greater liability by reason of this report. THIS REPORT IS SUBJECT TO THE LIMITATIONS OF LIABILITY STATED BELOW, WHICH LIMITATIONS OF LIABILITY ARE A PART OF THIS REPORT.

**THIS REPORT INCLUDES MONETARY AND NON-MONETARY ENCUMBRANCES.**

**Part One - Ownership and Property Description**

**Owner.** The apparent vested owner of property ("the Property") as of the Effective Date is:

City of Lincoln City, a municipal corporation

**Premises.** The Property is:

**(a) Street Address:**

NE 1st Street (DeLake), Lincoln City, OR 97367

**(b) Legal Description:**

Lot 1, Block 2, FIRST ADDITION TO DELAKE, in the City of Lincoln City, in Lincoln County, Oregon, EXCEPTING that portion conveyed to the State of Oregon by deed recorded July 23, 1948 in Book 127, page 179, Deed Records.

**Part Two - Encumbrances**

**Encumbrances.** As of the Effective Date, the Property appears subject to the following monetary and non-monetary encumbrances of record, not necessarily listed in order of priority, including liens specific to the subject property and general index liens (liens that are not property specific but affect any real property of the named person in the same county):

EXCEPTIONS

1. Note: Property taxes for the fiscal year shown below are paid in full.

Fiscal Year: 2016-2017  
Amount: \$0.00  
Levy Code: 412  
Account No.: R75027  
Map No.: 07-11-15-AC-03200

2. City Liens, if any, in favor of the City of Lincoln City.
3. Regulations, levies, liens, assessments, rights of way and easements of Devils Lake Water Improvement District.
4. Subject property is either situated within the urban renewal boundaries or within the shared area of the Year 2000 Development Plan, Lincoln City, Oregon, and is subject to the terms and provisions thereof, as outlined by instrument,  
Recorded: March 20, 1989  
Document No.: Book 202, Page 1261, Lincoln County Records  
Amended by instrument,  
Recorded: December 8, 1989  
Document No.: Book 211, Page 1675, Lincoln County Records  
Amended by instrument,  
Recorded: September 25, 2014  
Document No.: 2014-08573, Lincoln County Records  
Amended by instrument,  
Recorded: April 23, 2015  
Document No.: 2015-03700, Lincoln County Records
5. Rights of the public to any portion of the Land lying within the area commonly known as roads, streets and highways.
6. Any adverse claim based upon the assertion that:
  - a) Some portion of said Land is tide or submerged land, or has been created by artificial means or has accreted to such portion so created.
  - b) Some portion of said Land has been brought within the boundaries thereof by an avulsive movement of "D" River and Devils Lake or has been formed by accretion to any such portion.
7. The rights of the public and governmental bodies for fishing, navigation and commerce in and to any portion of the Land herein described, lying below the high water line of the "D" River and Devils Lake.  
  
The right, title and interest of the State of Oregon in and to any portion lying below the high water line of "D" River and Devils Lake.
8. Any adverse claim based upon the assertion that:

- a) Some portion of said Land has been created by artificial means, or has accreted to such portion so created.
- b) Some portion of said Land has been brought within the boundaries thereof by an avulsive movement of "D" River and Devils Lake or has been formed by accretion to any such portion.

9. Easement(s) for the purpose(s) shown therein and rights incidental thereto, as granted in a document:

Granted to: Taft, Nelscott, Delake Water District  
Recording Date: September 18, 1945  
Recording No: Book 106, page 382  
(Exact location unknown)

10. Easement 40 feet in width granted to the State of Oregon by and through its State Highway Commission, for the right and privilege to extend and maintain slopes or cuts and/or fills along the Easterly side of Highway 101, as disclosed by deed,  
Recorded: July 23, 1948  
Document No.: Book 127, pages 178 and 179

11. Easement(s) for the purpose(s) shown therein and rights incidental thereto, as granted in a document:

Granted to: City of Lincoln City  
Recording Date: March 14, 1969  
Recording No: Book 7, page 302

12. Easement as created by Circuit Court Case No. 861356, filed March 16, 1988, including the terms and provisions thereof,  
Recorded: March 27, 1995  
Document No.: Book 297, page 316

13. Easement Agreement, including the terms and provisions thereof,

Recording Date: June 21, 2006  
Recording No.: 200609509

14. Ordinance No. 2007-10, including the terms and provisions thereof,

Recording Date: July 10, 2009  
Recording No.: 200908159

**End of Reported Information**

There will be additional charges for additional information or copies. For questions or additional requests, contact:

Anya Kirkes  
541-574-1511  
Akirkes@WesternTitle.com

Western Title & Escrow Company  
255 SW Coast Highway, Suite 100  
Newport, OR 97365

**LIMITATIONS OF LIABILITY**

"CUSTOMER" REFERS TO THE RECIPIENT OF THIS REPORT.

CUSTOMER EXPRESSLY AGREES AND ACKNOWLEDGES THAT IT IS EXTREMELY DIFFICULT, IF NOT IMPOSSIBLE, TO DETERMINE THE EXTENT OF LOSS WHICH COULD ARISE FROM ERRORS OR OMISSIONS IN, OR THE COMPANY'S NEGLIGENCE IN PRODUCING, THE REQUESTED REPORT, HEREIN "THE REPORT." CUSTOMER RECOGNIZES THAT THE FEE CHARGED IS NOMINAL IN RELATION TO THE POTENTIAL LIABILITY WHICH COULD ARISE FROM SUCH ERRORS OR OMISSIONS OR NEGLIGENCE. THEREFORE, CUSTOMER UNDERSTANDS THAT THE COMPANY IS NOT WILLING TO PROCEED IN THE PREPARATION AND ISSUANCE OF THE REPORT UNLESS THE COMPANY'S LIABILITY IS STRICTLY LIMITED. CUSTOMER AGREES WITH THE PROPRIETY OF SUCH LIMITATION AND AGREES TO BE BOUND BY ITS TERMS

THE LIMITATIONS ARE AS FOLLOWS AND THE LIMITATIONS WILL SURVIVE THE CONTRACT:

ONLY MATTERS IDENTIFIED IN THIS REPORT AS THE SUBJECT OF THE REPORT ARE WITHIN ITS SCOPE. ALL OTHER MATTERS ARE OUTSIDE THE SCOPE OF THE REPORT.

CUSTOMER AGREES, AS PART OF THE CONSIDERATION FOR THE ISSUANCE OF THE REPORT AND TO THE FULLEST EXTENT PERMITTED BY LAW, TO LIMIT THE LIABILITY OF THE COMPANY, ITS LICENSORS, AGENTS, SUPPLIERS, RESELLERS, SERVICE PROVIDERS, CONTENT PROVIDERS AND ALL OTHER SUBSCRIBERS OR SUPPLIERS, SUBSIDIARIES, AFFILIATES, EMPLOYEES, AND SUBCONTRACTORS FOR ANY AND ALL CLAIMS, LIABILITIES, CAUSES OF ACTION, LOSSES, COSTS, DAMAGES AND EXPENSES OF ANY NATURE WHATSOEVER, INCLUDING ATTORNEY'S FEES, HOWEVER ALLEGED OR ARISING, INCLUDING BUT NOT LIMITED TO THOSE ARISING FROM BREACH OF CONTRACT, NEGLIGENCE, THE COMPANY'S OWN FAULT AND/OR NEGLIGENCE, ERRORS, OMISSIONS, STRICT LIABILITY, BREACH OF WARRANTY, EQUITY, THE COMMON LAW, STATUTE OR ANY OTHER THEORY OF RECOVERY, OR FROM ANY PERSON'S USE, MISUSE, OR INABILITY TO USE THE REPORT OR ANY OF THE MATERIALS CONTAINED THEREIN OR PRODUCED, **SO THAT THE TOTAL AGGREGATE LIABILITY OF THE COMPANY AND ITS AGENTS, SUBSIDIARIES, AFFILIATES, EMPLOYEES, AND SUBCONTRACTORS SHALL NOT IN ANY EVENT EXCEED THE COMPANY'S TOTAL FEE FOR THE REPORT.**

CUSTOMER AGREES THAT THE FOREGOING LIMITATION ON LIABILITY IS A TERM MATERIAL TO THE PRICE THE CUSTOMER IS PAYING, WHICH PRICE IS LOWER THAN WOULD OTHERWISE BE OFFERED TO THE CUSTOMER WITHOUT SAID TERM. CUSTOMER RECOGNIZES THAT THE COMPANY WOULD NOT ISSUE THE REPORT BUT FOR THIS CUSTOMER AGREEMENT, AS PART OF THE CONSIDERATION GIVEN FOR THE REPORT, TO THE FOREGOING LIMITATION OF LIABILITY AND THAT ANY SUCH LIABILITY IS CONDITIONED AND PREDICATED UPON THE FULL AND TIMELY PAYMENT OF THE COMPANY'S INVOICE FOR THE REPORT.

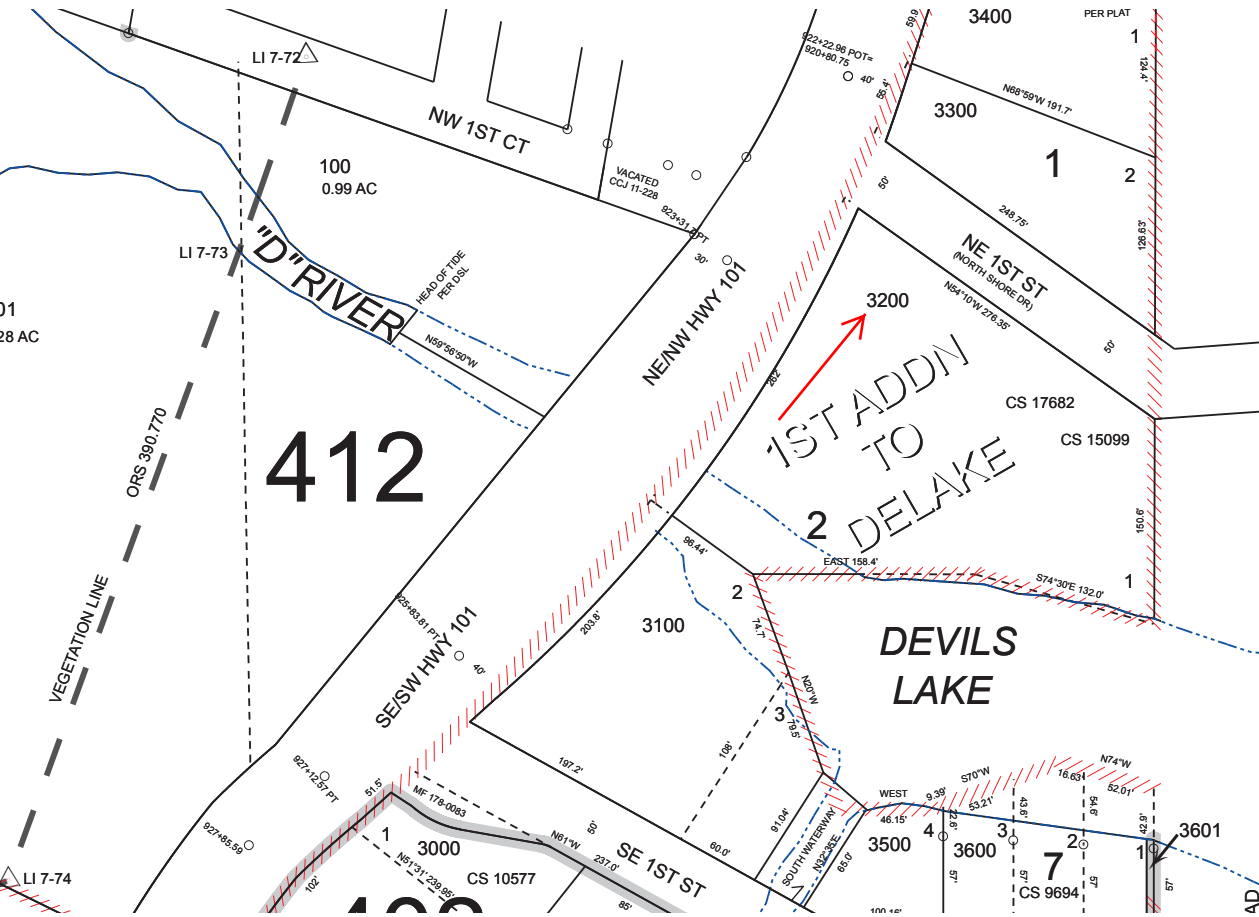
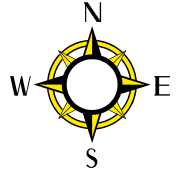
THE REPORT IS LIMITED IN SCOPE AND IS NOT AN ABSTRACT OF TITLE, TITLE OPINION, PRELIMINARY TITLE REPORT, TITLE REPORT, COMMITMENT TO ISSUE TITLE INSURANCE, OR A TITLE POLICY, AND SHOULD NOT BE RELIED UPON AS SUCH. THE REPORT DOES NOT PROVIDE OR OFFER ANY TITLE INSURANCE, LIABILITY COVERAGE OR ERRORS AND OMISSIONS COVERAGE. THE REPORT IS NOT TO BE RELIED UPON AS A REPRESENTATION OF THE STATUS OF TITLE TO THE PROPERTY. THE COMPANY MAKES NO REPRESENTATIONS AS TO THE REPORT'S ACCURACY, DISCLAIMS ANY WARRANTY AS TO THE REPORT, ASSUMES NO DUTIES TO CUSTOMER, DOES NOT INTEND FOR CUSTOMER TO RELY ON THE REPORT, AND ASSUMES NO LIABILITY FOR ANY LOSS OCCURRING BY REASON OF RELIANCE ON THE REPORT OR OTHERWISE.

IF CUSTOMER (A) HAS OR WILL HAVE AN INSURABLE INTEREST IN THE SUBJECT REAL PROPERTY, (B) DOES NOT WISH TO LIMIT LIABILITY AS STATED HEREIN AND (C) DESIRES THAT ADDITIONAL LIABILITY BE ASSUMED BY THE COMPANY, THEN CUSTOMER MAY REQUEST AND PURCHASE A POLICY OF TITLE INSURANCE, A BINDER, OR A COMMITMENT TO ISSUE A POLICY OF TITLE INSURANCE. NO ASSURANCE IS GIVEN AS TO THE INSURABILITY OF THE TITLE OR STATUS OF TITLE. CUSTOMER EXPRESSLY AGREES AND ACKNOWLEDGES IT HAS AN INDEPENDENT DUTY TO ENSURE AND/OR RESEARCH THE ACCURACY OF ANY INFORMATION OBTAINED FROM THE COMPANY OR ANY PRODUCT OR SERVICE PURCHASED.

NO THIRD PARTY IS PERMITTED TO USE OR RELY UPON THE INFORMATION SET FORTH IN THE REPORT, AND NO LIABILITY TO ANY THIRD PARTY IS UNDERTAKEN BY THE COMPANY.

CUSTOMER AGREES THAT, TO THE FULLEST EXTENT PERMITTED BY LAW, IN NO EVENT WILL THE COMPANY, ITS LICENSORS, AGENTS, SUPPLIERS, RESELLERS, SERVICE PROVIDERS, CONTENT PROVIDERS, AND ALL OTHER SUBSCRIBERS OR SUPPLIERS, SUBSIDIARIES, AFFILIATES, EMPLOYEES AND SUBCONTRACTORS BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, INDIRECT, PUNITIVE, EXEMPLARY, OR SPECIAL DAMAGES, OR LOSS OF PROFITS, REVENUE, INCOME, SAVINGS, DATA, BUSINESS, OPPORTUNITY, OR GOODWILL, PAIN AND SUFFERING, EMOTIONAL DISTRESS, NON-OPERATION OR INCREASED EXPENSE OF OPERATION, BUSINESS INTERRUPTION OR DELAY, COST OF CAPITAL, OR COST OF REPLACEMENT PRODUCTS OR SERVICES, REGARDLESS OF WHETHER SUCH LIABILITY IS BASED ON BREACH OF CONTRACT, TORT, NEGLIGENCE, THE COMPANY'S OWN FAULT AND/OR NEGLIGENCE, STRICT LIABILITY, BREACH OF WARRANTIES, FAILURE OF ESSENTIAL PURPOSE, OR OTHERWISE AND WHETHER CAUSED BY NEGLIGENCE, ERRORS, OMISSIONS, STRICT LIABILITY, BREACH OF CONTRACT, BREACH OF WARRANTY, THE COMPANY'S OWN FAULT AND/OR NEGLIGENCE OR ANY OTHER CAUSE WHATSOEVER, AND EVEN IF THE COMPANY HAS BEEN ADVISED OF THE LIKELIHOOD OF SUCH DAMAGES OR KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY FOR SUCH DAMAGES.

END OF THE LIMITATIONS OF LIABILITY



- 000
- 1000
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- 6400
- 90001

# APPENDIX E

## EDR GEOCHECK REPORT



**DE Lake**

NE 1st Street

Lincoln City, OR 97367

Inquiry Number: 5109433.2s

November 17, 2017

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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

### Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

NE 1ST STREET  
LINCOLN CITY, OR 97367

#### COORDINATES

Latitude (North): 44.9675970 - 44° 58' 3.34"  
Longitude (West): 124.0149910 - 124° 0' 53.96"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 419955.8  
UTM Y (Meters): 4979635.0  
Elevation: 10 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6066882 LINCOLN CITY, OR  
Version Date: 2014  
  
Southeast Map: 6069431 DEVILS LAKE, OR  
Version Date: 2014

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140701  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 NE 1ST STREET  
 LINCOLN CITY, OR 97367

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	PACIFIC POWER & LIGH	416 NE HWY 101	UST	Higher	619, 0.117, North
<a href="#">2</a>	HEATING OIL TANK	1430 SE 2ND PL	LUST	Higher	729, 0.138, SE
<a href="#">3</a>	LINCOLN CITY CITY OF	1149 SE 3RD ST	AST, HSIS	Higher	840, 0.159, SSW
<a href="#">4</a>	RUGGERI PROPERTY	825 N HWY 101	LUST	Higher	1450, 0.275, North
<a href="#">5</a>	UNITED TELEPHONE CO	934 NE HWY 101	LUST, UST, AST, HSIS	Higher	1785, 0.338, North
<a href="#">6</a>	OREGON WILLAMETTE LU	826 SE HIGHWAY 101	LUST, UST	Higher	2246, 0.425, South
<a href="#">7</a>	HEATING OIL TANK	860 SW 7TH ST	LUST	Higher	2257, 0.427, SSW
<a href="#">8</a>	FRANKO #6/LINCOLN CI	906 HWY 101S	SWF/LF	Higher	2445, 0.463, South
<a href="#">9</a>	LINCOLN CITY	1673 SE EAST DEVILS	LUST, UST	Higher	2615, 0.495, SSE
<a href="#">10</a>	QUALITY FACTORY CENT	1510 SE EAST DEVIL'S	ECSI	Higher	2904, 0.550, SSE
<a href="#">11</a>	LINCOLN CITY HIGHWAY	1710 SE EAST DEVIL'S	ECSI	Higher	2966, 0.562, SSE
<a href="#">12</a>	GESIK PROPERTY	1900 NE HWY 101	ECSI	Higher	3928, 0.744, NNE

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

### **Federal ERNS list**

ERNS..... Emergency Response Notification System

### **State- and tribal - equivalent CERCLIS**

CRL..... Confirmed Release List and Inventory

### **State and tribal leaking storage tank lists**

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

### **State and tribal institutional control / engineering control registries**

ENG CONTROLS..... Engineering Controls Recorded at ESCI Sites

INST CONTROL..... Institutional Controls Recorded at ESCI Sites

### **State and tribal voluntary cleanup sites**

VCP..... Voluntary Cleanup Program Sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

### **State and tribal Brownfields sites**

BROWNFIELDS..... Brownfields Projects

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

### **Local Lists of Landfill / Solid Waste Disposal Sites**

SWRCY..... Recycling Facility Location Listing

HIST LF..... Old Closed SW Disposal Sites

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

### **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL..... Delisted National Clandestine Laboratory Register

AOCONCERN..... Columbia Slough

CDL..... Uninhabitable Drug Lab Properties

US CDL..... National Clandestine Laboratory Register

## EXECUTIVE SUMMARY

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Spill Database  
OR HAZMAT..... Hazmat/Incidents  
SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
UXO..... Unexploded Ordnance Sites  
ECHO..... Enforcement & Compliance History Information  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
AIRS..... Oregon Title V Facility Listing  
COAL ASH..... Coal Ash Disposal Sites Listing  
DRYCLEANERS..... Drycleaning Facilities

## EXECUTIVE SUMMARY

Financial Assurance..... Financial Assurance Information Listing  
 HSIS..... Hazardous Substance Information Survey  
 MANIFEST..... Manifest Information  
 NPDES..... Wastewater Permits Database  
 UIC..... Underground Injection Control Program Database

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants  
 EDR Hist Auto..... EDR Exclusive Historic Auto Stations  
 EDR Hist Cleaner..... EDR Exclusive Historic Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List  
 RGA LF..... Recovered Government Archive Solid Waste Facilities List  
 RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS 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. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. 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.

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***State- and tribal - equivalent CERCLIS***

ECSI: The Environmental Cleanup Site Information System records information about sites in Oregon that may be of environmental interest. The data come from the Department of Environmental Quality.

A review of the ECSI list, as provided by EDR, and dated 07/01/2017 has revealed that there are 3 ECSI sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
QUALITY FACTORY CENT Investigation: No Further Action State ID Number: 1392	1510 SE EAST DEVIL'S	SSE 1/2 - 1 (0.550 mi.)	10	15
LINCOLN CITY HIGHWAY	1710 SE EAST DEVIL'S	SSE 1/2 - 1 (0.562 mi.)	11	18

## EXECUTIVE SUMMARY

Investigation: No Further Action  
State ID Number: 1790

GESIK PROPERTY	1900 NE HWY 101	NNE 1/2 - 1 (0.744 mi.)	12	20
Investigation: Suspect				
State ID Number: 728				

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Quality's Closure & Regular Solid Waste Active Disposal Permits database.

A review of the SWF/LF list, as provided by EDR, and dated 07/19/2017 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FRANKO #6/LINCOLN CI Permit Status: Active Facility Id: 112220	906 HWY 101S	S 1/4 - 1/2 (0.463 mi.)	8	14

### **State and tribal leaking storage tank lists**

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's LUST Database List.

A review of the LUST list, as provided by EDR, and dated 07/05/2017 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HEATING OIL TANK Facility ID: 21-01-8320 Cleanup Complete: 12/07/2001	1430 SE 2ND PL	SE 1/8 - 1/4 (0.138 mi.)	2	8
RUGGERI PROPERTY Facility ID: 21-96-4100 Cleanup Complete: 10/14/1996	825 N HWY 101	N 1/4 - 1/2 (0.275 mi.)	4	10
<b>UNITED TELEPHONE CO</b> Facility ID: 21-93-4180 Cleanup Complete: 07/13/1994	<b>934 NE HWY 101</b>	<b>N 1/4 - 1/2 (0.338 mi.)</b>	<b>5</b>	<b>10</b>
<b>OREGON WILLAMETTE LU</b> Facility ID: 21-88-4049 Cleanup Complete: 09/18/1992	<b>826 SE HIGHWAY 101</b>	<b>S 1/4 - 1/2 (0.425 mi.)</b>	<b>6</b>	<b>13</b>
HEATING OIL TANK Facility ID: 21-16-1017 Cleanup Complete: 09/19/2016	860 SW 7TH ST	SSW 1/4 - 1/2 (0.427 mi.)	7	13
<b>LINCOLN CITY</b> Facility ID: 21-91-4090	<b>1673 SE EAST DEVILS</b>	<b>SSE 1/4 - 1/2 (0.495 mi.)</b>	<b>9</b>	<b>14</b>

## EXECUTIVE SUMMARY

Cleanup Complete: 12/22/2006

### ***State and tribal registered storage tank lists***

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 come from the Department of Environmental Quality's UST List on Disk.

A review of the UST list, as provided by EDR, and dated 07/05/2017 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC POWER & LIGH Facility ID: 454	416 NE HWY 101	N 0 - 1/8 (0.117 mi.)	1	8

AST: The Aboveground Storage Tank database contains registered ASTs. The data comes from the list of ASTs reported to the Office of State Fire Marshal.

A review of the AST list, as provided by EDR, and dated 07/05/2017 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

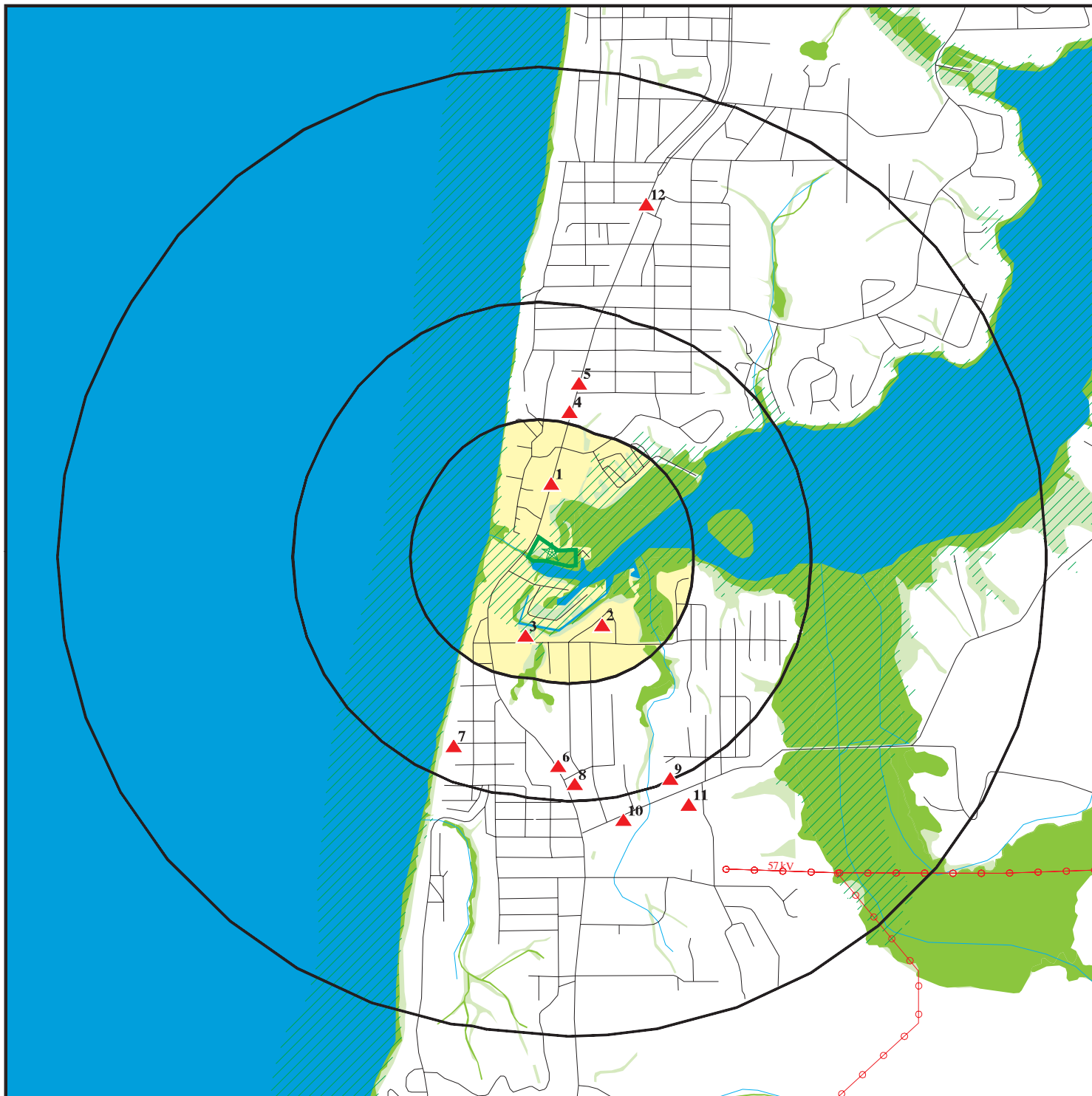
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LINCOLN CITY CITY OF Facility Id: 080551	1149 SE 3RD ST	SSW 1/8 - 1/4 (0.159 mi.)	3	8

## EXECUTIVE SUMMARY


Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.


<u>Site Name</u>	<u>Database(s)</u>
PUMP STATION #14	LUST, UST
HEATING OIL TANK	LUST

# OVERVIEW MAP - 5109433.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

 100-year flood zone

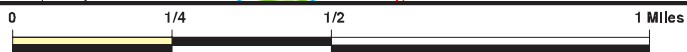
 500-year flood zone

 National Wetland Inventory

 State Wetlands

 Upgradient Area

 Areas of Concern

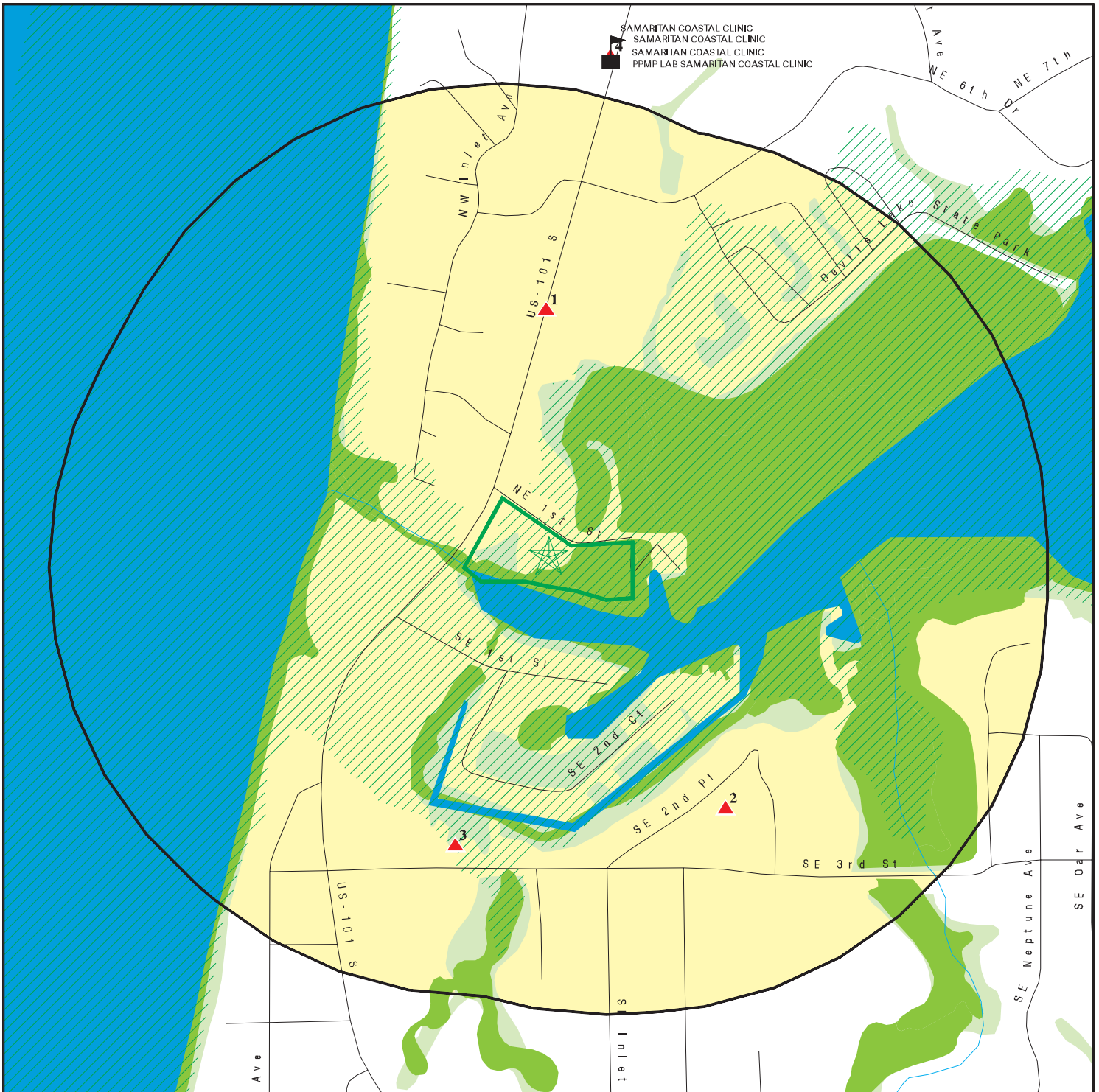









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.







SITE NAME: DE Lake  
 ADDRESS: NE 1st Street  
 Lincoln City OR 97367  
 LAT/LONG: 44.967597 / 124.014991

CLIENT: Maul Foster & Alongi, Inc.  
 CONTACT: Carolyn Wise  
 INQUIRY #: 5109433.2s  
 DATE: November 17, 2017 11:36 am

# DETAIL MAP - 5109433.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: DE Lake  
 ADDRESS: NE 1st Street  
 Lincoln City OR 97367  
 LAT/LONG: 44.967597 / 124.014991

CLIENT: Maul Foster & Alongi, Inc.  
 CONTACT: Carolyn Wise  
 INQUIRY #: 5109433.2s  
 DATE: November 17, 2017 11:40 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
CRL	1.000		0	0	0	0	NR	0
ECSI	1.000		0	0	0	3	NR	3
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	1	NR	NR	1
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	1	5	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
OR HAZMAT	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HSIS	0.001		0	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA HWS	0.001		0	NR	NR	NR	NR	0
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</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>
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	1	2	6	3	0	12

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

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

<b>1</b> North < 1/8 0.117 mi. 619 ft.	<b>PACIFIC POWER &amp; LIGHT</b> 416 NE HWY 101 LINCOLN CITY, OR 97367	<b>UST</b>	<b>U004015612</b> N/A
--	--	------------	--------------------------

<b>Relative:</b> Higher	UST:	
<b>Actual:</b> 40 ft.		Facility ID: 454 Facility Telephone: (503)994-2144 Permittee Name: JERRY WARNER, DISTRICT MANAGER Number of Permitted Tanks: Not reported Active Tanks: Not reported Decommissioned Tanks: 1 Number of Tanks: 1

<b>2</b> SE 1/8-1/4 0.138 mi. 729 ft.	<b>HEATING OIL TANK</b> 1430 SE 2ND PL LINCOLN CITY, OR 97367	<b>LUST</b>	<b>S105154703</b> N/A
---	---	-------------	--------------------------

<b>Relative:</b> Higher	LUST:	
<b>Actual:</b> 50 ft.		Region: Western Region Facility ID: 21-01-8320 Cleanup Received Date: 10/31/2001 Cleanup Start Date: 10/31/2001 <b>Cleanup Complete Date: 12/07/2001</b> <b>Decode for Region: West Region</b>

<b>3</b> SSW 1/8-1/4 0.159 mi. 840 ft.	<b>LINCOLN CITY CITY OF</b> 1149 SE 3RD ST LINCOLN CITY, OR 97367	<b>AST</b> <b>HSIS</b>	<b>S105075421</b> N/A
--	---	---------------------------	--------------------------

<b>Relative:</b> Higher	AST:	
<b>Actual:</b> 18 ft.		Facility Id: 080551 Hazardous Substance: DIESEL Reporting Quantities: 500-999 Quantity Units: GALLONS Physical State: LIQUID Storage 1: ABOVEGROUND TANK

<b>HSIS:</b>	
	Facility Id: 080551 Chemical Is Extremely Hazardous Substance (EHS): No Department Or Division Of Company: PUBLIC WORKS Facility Has Written Emergency Plan: No Contains 112R: No NAICS Code 1: 921190 NAICS Desc 1: OTHER GENERAL GOV SUPPORT NAICS Code 2: 000000 NAICS Desc 2: Not reported Manager Name: RON CHANDLER Business Phone: 5419962154 Mailing Address: PO BOX 50 Mailing City, St, Zip: LINCOLN CITY, OR 97367 No. of Employees: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LINCOLN CITY CITY OF (Continued)

S105075421

Day Phone: 5419943636  
Placard: Yes  
Fire Dept Code: 0368  
Sprinkler System: No  
Emergency Contact: 24 HOUR DISPATCH  
Emergency Procedure: Not reported  
Business Type: WASTEWATER

Facility:

Facility Id: 080551  
Physical State Of The Substance: 2  
Physical State: LIQUID  
Average Amount Possessed During The Year Code: 11  
Maximum Amount Possessed During The Year Code: 11  
Applicable Unit Of Measure Code: 2  
Description Of The Unit Of Measure: GALLONS  
Type Code: A  
Description: ABOVEGROUND TANK  
Type Code: Not reported  
Temperature Description: Not reported  
Pressure of Code: 1  
Pressure Description: NORMAL PRESSURE  
Pressure of Code: Not reported  
Pressure Description: Not reported  
Temperature Description: NORMAL TEMPERATURE  
Temperature of The Hazardous Substance Code: 4  
Temperature Description: Not reported  
Temperature of The Hazardous Substance Code: Not reported  
Days Hazardous Substance On Site During Year: 365  
Is The Substance Protected A Trade Secret: False  
Description Of The Max Qty Code: 500-999  
Description Of The Avg Qty Code: 500-999  
Most Hazardous Ingredient: PETROLEUM DISTILLATES  
United Nations/north America 4 Digit Class Number: 1202  
Hazard Rank: 2  
EHS Ingredient: NONE LISTED ON MSDS  
Substance Pure: False  
Substance Mix: True  
First Hazardous Class Code For Chemical: Flammable and Combustible Liquid  
Second Hazardous Class Code For Chemical: Acute Health Hazard  
Third Hazardous Class Code For Chemical: Chronic Health Hazard  
Hazard Class 1 Of The Chemical: 3.0  
Hazard Class 2 Of The Chemical: 6.3  
Hazard Class 3 Of The Chemical: 6.4

Chemical:

United Nations/north America 4 Digit Class Number: 1202  
Chemical Abstract Service Identifier Number: 68476346  
Chemical Is Extremely Hazardous Substance (EHS): No  
First Hazardous Class Code For Chemical: Flammable and Combustible Liquid  
Second Hazardous Class Code For Chemical: Acute Health Hazard  
Third Hazardous Class Code For Chemical: Chronic Health Hazard  
Hazard Class 1 Of The Chemical: 3.0  
Hazard Class 2 Of The Chemical: 6.3  
Hazard Class 3 Of The Chemical: 6.4  
Chemical Is A Toxic 313 Chemical: No  
EPA Pesticide Registration Number: Not reported  
Contains 112R: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

LINCOLN CITY CITY OF (Continued)

S105075421

Contains EHS: No  
Fertilizer: No  
Pesticide: No  
Contains 313: Yes

4  
North  
1/4-1/2  
0.275 mi.  
1450 ft.

RUGGERI PROPERTY  
825 N HWY 101  
LINCOLN CITY, OR 97367

LUST S102418014  
N/A

Relative:  
Higher

LUST:  
Region: Western Region  
Facility ID: 21-96-4100  
Cleanup Received Date: 06/13/1996  
Cleanup Start Date: 06/13/1996  
**Cleanup Complete Date: 10/14/1996**  
Decode for Region: West Region

Actual:  
42 ft.

5  
North  
1/4-1/2  
0.338 mi.  
1785 ft.

UNITED TELEPHONE CO OF THE NW  
934 NE HWY 101  
LINCOLN CITY, OR 97367

LUST U000434787  
UST N/A  
AST  
HSIS

Relative:  
Higher

LUST:  
Region: Western Region  
Facility ID: 21-93-4180  
Cleanup Received Date: 10/12/1993  
Cleanup Start Date: 10/12/1993  
**Cleanup Complete Date: 07/13/1994**  
Decode for Region: West Region

Actual:  
60 ft.

UST:  
Facility ID: 5813  
Facility Telephone: (503)387-9316  
Permittee Name: CHUCK SMITH, PROPERTY ADMINISTRATOR  
Number of Permitted Tanks: Not reported  
Active Tanks: Not reported  
Decommissioned Tanks: 1  
Number of Tanks: 1

AST:  
Facility Id: 107084  
Hazardous Substance: DIESEL  
Reporting Quantities: 500-999  
Quantity Units: GALLONS  
Physical State: LIQUID  
Storage 1: ABOVEGROUND TANK

HSIS:  
Facility Id: 107084  
Chemical Is Extremely Hazardous Substance (EHS): No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED TELEPHONE CO OF THE NW (Continued)**

**U000434787**

Department Or Division Of Company: UTC OF THE NW (R0029L)  
Facility Has Written Emergency Plan: Yes  
Contains 112R: No  
NAICS Code 1: 517110  
NAICS Desc 1: WIRED TELECOMMUNICATIONS CARRIERS  
NAICS Code 2: 000000  
NAICS Desc 2: Not reported  
Manager Name: GLENN F POST III  
Business Phone: 5419966945  
Mailing Address: 23315 66TH AVE S  
Mailing City,St,Zip: KENT, WA 98032  
No. of Employees: 10  
Day Phone: 8668642255  
Placard: Yes  
Fire Dept Code: 0368  
Sprinkler System: Yes  
Emergency Contact: UNICALL  
Emergency Procedure: ON WALL NEAR EXIT DOOR  
Business Type: TELECOMMUNICATIONS

Facility:  
Facility Id: 107084  
Physical State Of The Substance: 1  
Physical State: SOLID  
Average Amount Possessed During The Year Code: 21  
Maximum Amount Possessed During The Year Code: 21  
Applicable Unit Of Measure Code: 1  
Description Of The Unit Of Measure: POUNDS  
Type Code: R  
Description: OTHER  
Type Code: Not reported  
Temperature Description: Not reported  
Pressure of Code: 1  
Pressure Description: NORMAL PRESSURE  
Pressure of Code: Not reported  
Pressure Description: Not reported  
Temperature Description: NORMAL TEMPERATURE  
Temperature of The Hazardous Substance Code: 4  
Temperature Description: Not reported  
Temperature of The Hazardous Substance Code: Not reported  
Days Hazardous Substance On Site During Year: 180  
Is The Substance Protected A Trade Secret: False  
Description Of The Max Qty Code: 5,000-9,999  
Description Of The Avg Qty Code: 5,000-9,999  
Most Hazardous Ingredient: SULFURIC ACID  
United Nations/north America 4 Digit Class Number: 2794  
Hazard Rank: 4  
EHS Ingredient: SULFURIC ACID  
Substance Pure: False  
Substance Mix: True  
First Hazardous Class Code For Chemical: Acute Health Hazard  
Second Hazardous Class Code For Chemical: Corrosive Material  
Third Hazardous Class Code For Chemical: Chronic Health Hazard  
Hazard Class 1 Of The Chemical: 6.3  
Hazard Class 2 Of The Chemical: 8.0  
Hazard Class 3 Of The Chemical: 6.4

Chemical:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED TELEPHONE CO OF THE NW (Continued)**

**U000434787**

United Nations/north America 4 Digit Class Number: 2794  
Chemical Abstract Service Identifier Number: 7664939  
Chemical Is Extremely Hazardous Substance (EHS): No  
First Hazardous Class Code For Chemical: Acute Health Hazard  
Second Hazardous Class Code For Chemical: Corrosive Material  
Third Hazardous Class Code For Chemical: Chronic Health Hazard  
Hazard Class 1 Of The Chemical: 6.3  
Hazard Class 2 Of The Chemical: 8.0  
Hazard Class 3 Of The Chemical: 6.4  
Chemical Is A Toxic 313 Chemical: No  
EPA Pesticide Registration Number: Not reported  
Contains 112R: No  
Contains EHS: Yes  
Fertilizer: No  
Pesticide: No  
Contains 313: Yes

Facility Id: 107084  
Physical State Of The Substance: 2  
Physical State: LIQUID  
Average Amount Possessed During The Year Code: 11  
Maximum Amount Possessed During The Year Code: 11  
Applicable Unit Of Measure Code: 2  
Description Of The Unit Of Measure: GALLONS  
Type Code: A  
Description: ABOVEGROUND TANK  
Type Code: Not reported  
Temperature Description: Not reported  
Pressure of Code: 1  
Pressure Description: NORMAL PRESSURE  
Pressure of Code: Not reported  
Pressure Description: Not reported  
Temperature Description: NORMAL TEMPERATURE  
Temperature of The Hazardous Substance Code: 4  
Temperature Description: Not reported  
Temperature of The Hazardous Substance Code: Not reported  
Days Hazardous Substance On Site During Year: 365  
Is The Substance Protected A Trade Secret: False  
Description Of The Max Qnty Code: 500-999  
Description Of The Avg Qnty Code: 500-999  
Most Hazardous Ingredient: PETROLEUM DISTILLATES  
United Nations/north America 4 Digit Class Number: 1202  
Hazard Rank: 2  
EHS Ingredient: NONE LISTED ON MSDS  
Substance Pure: False  
Substance Mix: True  
First Hazardous Class Code For Chemical: Flammable and Combustible Liquid  
Second Hazardous Class Code For Chemical: Acute Health Hazard  
Third Hazardous Class Code For Chemical: Chronic Health Hazard  
Hazard Class 1 Of The Chemical: 3.0  
Hazard Class 2 Of The Chemical: 6.3  
Hazard Class 3 Of The Chemical: 6.4

Chemical:  
United Nations/north America 4 Digit Class Number: 1202  
Chemical Abstract Service Identifier Number: 68476346  
Chemical Is Extremely Hazardous Substance (EHS): No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED TELEPHONE CO OF THE NW (Continued)**

**U000434787**

First Hazardous Class Code For Chemical: Flammable and Combustible Liquid  
Second Hazardous Class Code For Chemical: Acute Health Hazard  
Third Hazardous Class Code For Chemical: Chronic Health Hazard  
Hazard Class 1 Of The Chemical: 3.0  
Hazard Class 2 Of The Chemical: 6.3  
Hazard Class 3 Of The Chemical: 6.4  
Chemical Is A Toxic 313 Chemical: No  
EPA Pesticide Registration Number: Not reported  
Contains 112R: No  
Contains EHS: No  
Fertilizer: No  
Pesticide: No  
Contains 313: Yes

**6**  
South  
1/4-1/2  
0.425 mi.  
2246 ft.

**OREGON WILLAMETTE LUMBER CO**  
**826 SE HIGHWAY 101**  
**LINCOLN CITY, OR 97367**

**LUST U000434772**  
**UST N/A**

**Relative:**  
**Higher**

**LUST:**  
Region: Western Region  
Facility ID: 21-88-4049  
Cleanup Received Date: 11/14/1988  
Cleanup Start Date: 03/08/1992  
**Cleanup Complete Date: 09/18/1992**  
**Decode for Region: West Region**

**Actual:**  
**76 ft.**

**UST:**  
Facility ID: 9475  
Facility Telephone: (503) 222-7724  
Permittee Name: Not reported  
Number of Permitted Tanks: Not reported  
Active Tanks: Not reported  
Decommissioned Tanks: 2  
Number of Tanks: 2

**7**  
SSW  
1/4-1/2  
0.427 mi.  
2257 ft.

**HEATING OIL TANK**  
**860 SW 7TH ST**  
**LINCOLN CITY, OR 97367**

**LUST S119015225**  
**N/A**

**Relative:**  
**Higher**

**LUST:**  
Region: Western Region  
Facility ID: 21-16-1017  
Cleanup Received Date: 08/08/2016  
Cleanup Start Date: Not reported  
**Cleanup Complete Date: 09/19/2016**  
**Decode for Region: West Region**

**Actual:**  
**99 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**8**  
 South  
 1/4-1/2  
 0.463 mi.  
 2445 ft.

**FRANKO #6/LINCOLN CITY PRIDE**  
**906 HWY 101S**  
**LINCOLN CITY, OR 97367**

**SWF/LF S116597941**  
**N/A**

**Relative:**  
**Higher**

LF:  
 Permit Number: 1542  
 Facility Id: 112220  
 Facility Telephone: 503-963-3200  
 Facility Telephone 2: Not reported  
 Lat/Long: 44.9605 / -124.0141  
 Solid Waste Class: SWLA  
 Solid Waste Type: Treatment-PCS  
 Date Opened: 04/11/2014  
 End Date: Not reported  
 Date Closed: Not reported  
 Permit Status: Active  
 Organization: Goodwill Industries  
 Contact Name: Todd Silbernagel  
 Affil Start Date: 04/15/2014  
 Mailing Address: 1943 SE 6th Ave  
 Mailing City: Portland  
 Mailing State: OR  
 Mailing Zip: 97214-4508

**Actual:**  
**74 ft.**

**9**  
 SSE  
 1/4-1/2  
 0.495 mi.  
 2615 ft.

**LINCOLN CITY**  
**1673 SE EAST DEVILS LAKE RD**  
**LINCOLN CITY, OR 97367**

**LUST U004015609**  
**UST N/A**

**Relative:**  
**Higher**

LUST:  
 Region: Western Region  
 Facility ID: 21-91-4090  
 Cleanup Received Date: 03/20/1991  
 Cleanup Start Date: 03/20/1991  
**Cleanup Complete Date: 12/22/2006**  
**Decode for Region: West Region**

**Actual:**  
**61 ft.**

UST:  
 Facility ID: 804  
 Facility Telephone: (503) 994-3980  
 Permittee Name: MERRILL MATTESON, MAINTENANCE SUPERVISOR  
 Number of Permitted Tanks: Not reported  
 Active Tanks: Not reported  
 Decommissioned Tanks: 5  
 Number of Tanks: 5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)  
EDR ID Number  
EPA ID Number

10  
SSE  
1/2-1  
0.550 mi.  
2904 ft.

QUALITY FACTORY CENTER  
1510 SE EAST DEVIL'S LAKE RD.  
LINCOLN CITY, OR 97367

ECSI S104550255  
N/A

Relative:  
Higher

ECSI:  
State ID Number: 1392  
Brown ID: 0  
Study Area: False  
Region ID: 3  
Legislative ID: 0  
Investigation: No Further Action  
FACA ID: 9087  
Further Action: 0  
Lat/Long (dms): 44 57 32.80 / -124 0 42.10  
County Code: 21.00  
Score Value: Not reported  
Cerclis ID: Not reported  
Township Coord.: 7.00  
Township Zone: S  
Range Coord: 11.00  
Range Zone: W  
Section Coord: 15  
Qtr Section: Not reported  
Tax Lots: 4900 & 4901  
Size: 15.33 acres  
NPL: False  
Orphan: False  
Updated By: GWISTAR  
Update Date: 12/13/2006  
Created Date: 06/09/1993  
Decode For RegionID: Western Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Not reported  
Decode For Investstat: No Further Action  
Decode For Legislative: Not reported  
Alias Name: Tanger Outlet Center

Actual:  
67 ft.

Narrative:

NARR ID: 5733024  
NARR Code: Contamination  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Contamination  
NARR Comments: (9/26/91 Engineering Assessment) Facility includes 5 separate structures and a central parking lot. No on-site environmental impairments were noted in the report. However, David Blackmore and Associates believe <quot>off-site conditions (numerous USTs and ASTs) represent a significant risk of contamination to the Quality Center site.<quot>

NARR ID: 5733025  
NARR Code: Data Sources  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUALITY FACTORY CENTER (Continued)**

**S104550255**

Decode for NarcdID: Data Sources  
NARR Comments: <quot>Report of Engineering Assessment Quality Factory Center,<quot>  
prepared by David Blackmore and Associates (9/26/91).

NARR ID: 5733026  
NARR Code: Hazardous Substance/Waste Types  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Hazardous Substance/Waste Types  
NARR Comments: none listed

NARR ID: 5733027  
NARR Code: Site Location  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Site Location  
NARR Comments: Bordered north by SE Devil's Lake Road, west by Hwy 101, and south by  
SE 14th Street.

NARR ID: 5733028  
NARR Code: Pathways Other Hazards  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Pathways & Other Hazards  
NARR Comments: On-site groundwater characterized as variable, with a slight gradient  
toward the northeast.

NARR ID: 5733029  
NARR Code: Remedial Action  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Remedial Action  
NARR Comments: (AGG/SAS) Unsolicited report received by SAS; no DEQ review to date.  
(2/22/95 KNA/SAS) Screening indicates no evidence of a release of  
hazardous substances to the environment at the site. There is  
potential for impact to this site from AST/UST/LUST sites in the  
vicinity but no documented contaminant migration to date. No further  
action is necessary unless new or undiscovered information becomes  
available.

**Administrative Action:**

Action ID: 9424  
Region: Headquarters  
Complete Date: Not reported  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Headquarters  
Category: Administrative Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUALITY FACTORY CENTER (Continued)**

**S104550255**

Action Code Flag: False  
Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9437  
Region: Western Region  
Complete Date: 02/17/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Listing Action  
Action Code Flag: False  
Action: Listing Review completed  
Further Action: Not reported  
Comments: Not reported

Action ID: 9425  
Region: Western Region  
Complete Date: 02/21/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Remedial Action  
Action Code Flag: False  
Action: SITE EVALUATION  
Further Action: Not reported  
Comments: Not reported

Action ID: 9427  
Region: Western Region  
Complete Date: 02/21/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Listing Action  
Action Code Flag: False  
Action: Excluded from confirmed release definition  
Further Action: Not reported  
Comments: Not reported

Action ID: 9443  
Region: Western Region  
Complete Date: 02/21/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Remedial Action  
Action Code Flag: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUALITY FACTORY CENTER (Continued)**

**S104550255**

Action: NO FURTHER STATE ACTION REQUIRED

Further Action: Not reported

Comments: Not reported

Action ID: 9508

Region: Headquarters

Complete Date: 02/11/1994

Rank Value: 0

Cleanup Flag: False

Created Date: 12/17/2002

Decode for AgencyID: Department of Environmental Quality

Decode for RegionID: Headquarters

Category: Remedial Action

Action Code Flag: False

Action: Site Screening recommended (EV)

Further Action: Not reported

Comments: Not reported

Operations:

Operation Id: 132706

Operation Status: Active

Common Name: Quality Factory Center

Yrs of Operation: since Fall 1989

Comments: factory outlet center representing numerous manufacturers

Updated Date: 03/20/1995

Updated By: jxh

Decode for OpstatID: Active

Operations SIC Id: 195698

SIC Code: 6512

Created By: Not reported

Created Date: 12/17/2002

11  
SSE  
1/2-1  
0.562 mi.  
2966 ft.

**LINCOLN CITY HIGHWAY MAINTENANCE**  
**1710 SE EAST DEVIL'S LAKE RD.**  
**LINCOLN CITY, OR 97367**

**ECSI U000434765**  
**N/A**

**Relative:**  
**Higher**

ECSI:

State ID Number: 1790

Brown ID: 0

Study Area: False

Region ID: 3

Legislative ID: 0

Investigation: No Further Action

FACA ID: 40342

Further Action: 0

Lat/Long (dms): 44 57 36.00 / -124 0 32.40

County Code: 21.00

Score Value: Not reported

Cerclis ID: Not reported

Township Coord.: 7.00

Township Zone: S

Range Coord: 11.00

Range Zone: W

Section Coord: 15

Qtr Section: Not reported

Tax Lots: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LINCOLN CITY HIGHWAY MAINTENANCE (Continued)**

**U000434765**

Size: Not reported  
NPL: False  
Orphan: False  
Updated By: GWISTAR  
Update Date: 02/15/2007  
Created Date: 12/02/1995  
Decode For RegionID: Western Region  
Decode For BrownID: Not reported  
Decode For Furtheract: Not reported  
Decode For Investstat: No Further Action  
Decode For Legislative: Not reported  
Alias Name: ODOT - Lincoln City

**Narrative:**

NARR ID: 5735563  
NARR Code: Remedial Action  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: GWISTAR  
Updated Date: 02/15/2007  
Decode for NarcdID: Remedial Action  
NARR Comments: This is a leaking underground storage tank site, being handled by DEQ Western Region LUST program. (2/15/07 GMW/SAS) DEQ's Tanks Program has closed this site because it meets risk-based standards. No further action required in Cleanup.

**Administrative Action:**

Action ID: 9424  
Region: Western Region  
Complete Date: Not reported  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Administrative Action  
Action Code Flag: False  
Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9425  
Region: Western Region  
Complete Date: 01/03/1996  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Remedial Action  
Action Code Flag: False  
Action: SITE EVALUATION  
Further Action: Not reported  
Comments: Not reported

Action ID: 9477  
Region: Western Region  
Complete Date: 01/03/1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LINCOLN CITY HIGHWAY MAINTENANCE (Continued)**

**U000434765**

Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Refer to LUST Program  
Further Action: 0  
Comments: Not reported

Action ID: 9443  
Region: Western Region  
Complete Date: 03/22/2007  
Rank Value: Not reported  
Cleanup Flag: False  
Created Date: 02/15/2007  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Remedial Action  
Action Code Flag: False  
Action: NO FURTHER STATE ACTION REQUIRED  
Further Action: 0  
Comments: Not reported

12  
NNE  
1/2-1  
0.744 mi.  
3928 ft.

**GESIK PROPERTY**  
**1900 NE HWY 101**  
**LINCOLN CITY, OR 97367**

**ECSI S102778914**  
**N/A**

**Relative:**  
**Higher**

ECSI:  
State ID Number: 728  
Brown ID: 0  
Study Area: False  
Region ID: 3  
Legislative ID: 0  
Investigation: Suspect  
FACA ID: 9086  
Further Action: 0  
Lat/Long (dms): 44 58 41.90 / -124 0 38.50  
County Code: 21.00  
Score Value: Not reported  
Cercle ID: Not reported  
Township Coord.: 7.00  
Township Zone: S  
Range Coord: 11.00  
Range Zone: W  
Section Coord: 11  
Qtr Section: Not reported  
Tax Lots: Not reported  
Size: Not reported  
NPL: False  
Orphan: False  
Updated By: GWISTAR  
Update Date: 03/25/2015  
Created Date: 11/16/1988  
Decode For RegionID: Western Region

**Actual:**  
**115 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GESIK PROPERTY (Continued)**

**S102778914**

Decode For BrownID: Not reported  
Decode For Furtheract: Not reported  
Decode For Investstat: Suspect  
Decode For Legislative: Not reported  
Alias Name: The Oregon Bank

**Hazardous Release:**

Substance ID.: 121983  
Haz Release ID: 378750  
Qty Released: Unknown  
Date Released: June 1988  
Update Date: 11/16/1988  
Update By: Not reported  
Substance Code: ECD173  
Substance Name: GASOLINE  
Substance Abbrev.: Not reported  
Substance Category ID: 8530  
Substance Category: Petroleum Related Releases for OSPIRG Report  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Substance Category ID: 8530  
Substance Category: Petroleum Related Releases for OSPIRG Report  
Category Level: Not reported  
Created By: Not reported  
Created Date: 12/17/2002  
Comment ID: 304468  
Release Code: Data Sources  
Release Comments: Written report by The Oregon Bank  
Decode for Relcomcd: Data Sources  
Sampling Result ID: 346607  
Feature Id: Not reported  
Hazard Release Id: 378750  
Medium: 698  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: False  
Sample Depth: Not reported  
Start Date: Not reported  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: Unknown  
Last Update By: CONV  
Update Date: 09/13/1994  
Decode for MediumID: Groundwater  
Sampling Result ID: 346608  
Feature Id: Not reported  
Hazard Release Id: 378750  
Medium: 703  
Substance Abbrev.: Not reported  
Unit Code: Not reported  
Observation: False  
Owner Operator: False  
Lab Data: False  
Sample Depth: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GESIK PROPERTY (Continued)**

**S102778914**

Start Date: Not reported  
End Date: Not reported  
Min Concentration: Not reported  
Max Concentration: Not reported  
Sample Comment: Unknown  
Last Update By: CONV  
Update Date: 09/13/1994  
Decode for MediumID: Soil

**Narrative:**

NARR ID: 5726233  
NARR Code: Remedial Action  
Created By: Not reported  
Created Date: 12/17/2002  
Updated By: Not reported  
Updated Date: 12/17/2002  
Decode for NarcdID: Remedial Action  
NARR Comments: Refer to LUST Cleanup List, log #21-88-4024.

**Administrative Action:**

Action ID: 9477  
Region: Western Region  
Complete Date: 01/27/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Remedial Action  
Action Code Flag: False  
Action: Refer to LUST Program  
Further Action: 0  
Comments: Not reported

Action ID: 9425  
Region: Western Region  
Complete Date: 01/26/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Remedial Action  
Action Code Flag: False  
Action: SITE EVALUATION  
Further Action: Not reported  
Comments: Not reported

Action ID: 9437  
Region: Western Region  
Complete Date: 01/26/1995  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Listing Action  
Action Code Flag: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GESIK PROPERTY (Continued)**

**S102778914**

Action: Listing Review completed  
Further Action: Not reported  
Comments: Not reported

Action ID: 9449  
Region: Western Region  
Complete Date: Not reported  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Western Region  
Category: Listing Action  
Action Code Flag: False

Action: Insufficient information to list  
Further Action: Not reported  
Comments: Not reported

Action ID: 9424  
Region: Headquarters  
Complete Date: Not reported  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Headquarters  
Category: Administrative Action  
Action Code Flag: False

Action: Site added to database  
Further Action: Not reported  
Comments: Not reported

Action ID: 9508  
Region: Headquarters  
Complete Date: 02/11/1994  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Headquarters  
Category: Remedial Action  
Action Code Flag: False

Action: Site Screening recommended (EV)  
Further Action: Not reported  
Comments: Not reported

Action ID: 9445  
Region: Headquarters  
Complete Date: Not reported  
Rank Value: 0  
Cleanup Flag: False  
Created Date: 12/17/2002  
Decode for AgencyID: Department of Environmental Quality  
Decode for RegionID: Headquarters  
Category: Listing Action  
Action Code Flag: False  
Action: Responsible party notified re 11/88 Inventory listing

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GESIK PROPERTY (Continued)**

**S102778914**

Further Action: Not reported  
Comments: Not reported

Operations:

Operation Id: 132029  
Operation Status: Unknown  
Common Name: Gesik Property  
Yrs of Operation: Not reported  
Comments: Not reported  
Updated Date: 05/29/1996  
Updated By: kpd  
Decode for OpstatID: Unknown  
Operations SIC Id: 195072  
SIC Code: 5521  
Created By: Not reported  
Created Date: 12/17/2002

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LINCOLN CITY	U000434778	PUMP STATION #14	SE 3RD ST	97367	LUST, UST
LINCOLN CITY	S120414088	HEATING OIL TANK	435 INLET AVE	97367	LUST

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/08/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by 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 received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### Delisted NPL: National Priority List Deletions

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.

Date of Government Version: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 10/06/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Varies

### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list 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). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/21/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/29/2018
	Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

### SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/28/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/29/2018
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2017	Source: EPA
Date Data Arrived at EDR: 09/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (206) 553-1200
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (206) 553-1200
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (206) 553-1200
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (206) 553-1200
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/08/2017
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/26/2018
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/18/2017  
Date Data Arrived at EDR: 09/21/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 22

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 09/21/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Quarterly

## **State- and tribal - equivalent CERCLIS**

CRL: Confirmed Release List and Inventory

All facilities with a confirmed release.

Date of Government Version: 08/01/2017  
Date Data Arrived at EDR: 08/17/2017  
Date Made Active in Reports: 09/27/2017  
Number of Days to Update: 41

Source: Department of Environmental Quality  
Telephone: 503-229-6170  
Last EDR Contact: 11/16/2017  
Next Scheduled EDR Contact: 02/26/2018  
Data Release Frequency: Quarterly

ECSI: Environmental Cleanup Site Information System

Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 07/01/2017  
Date Data Arrived at EDR: 07/07/2017  
Date Made Active in Reports: 09/27/2017  
Number of Days to Update: 82

Source: Department of Environmental Quality  
Telephone: 503-229-6629  
Last EDR Contact: 10/06/2017  
Next Scheduled EDR Contact: 01/15/2018  
Data Release Frequency: Quarterly

## **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF: Solid Waste Facilities List

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: 07/19/2017  
Date Data Arrived at EDR: 07/21/2017  
Date Made Active in Reports: 09/26/2017  
Number of Days to Update: 67

Source: Department of Environmental Quality  
Telephone: 503-229-6299  
Last EDR Contact: 10/16/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Semi-Annually

## **State and tribal leaking storage tank lists**

LUST: Leaking Underground Storage Tank Database

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: 07/05/2017  
Date Data Arrived at EDR: 08/18/2017  
Date Made Active in Reports: 09/27/2017  
Number of Days to Update: 40

Source: Department of Environmental Quality  
Telephone: 503-229-5790  
Last EDR Contact: 11/16/2017  
Next Scheduled EDR Contact: 02/26/2018  
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/26/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/14/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/07/2016  
Date Data Arrived at EDR: 01/26/2017  
Date Made Active in Reports: 05/05/2017  
Number of Days to Update: 99

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 11/07/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/13/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/01/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Semi-Annually

## **State and tribal registered storage tank lists**

FEMA UST: Underground Storage Tank Listing  
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/13/2017
Number of Days to Update: 136	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Varies

UST: Underground Storage Tank Database  
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: 07/05/2017	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/18/2017	Telephone: 503-229-5815
Date Made Active in Reports: 09/26/2017	Last EDR Contact: 11/16/2017
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/26/2018
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tanks  
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 07/05/2017	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 08/18/2017	Telephone: 503-378-3473
Date Made Active in Reports: 09/26/2017	Last EDR Contact: 11/13/2017
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/12/2018
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land  
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land  
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/01/2016	Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017	Telephone: 214-665-7591
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Semi-Annually

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 07/27/2017	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/13/2017	Source: EPA Region 9
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3368
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

***State and tribal institutional control / engineering control registries***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ENG CONTROLS: Engineering Controls Recorded at ESCI Sites

Engineering controls are physical measures selected or approved by the Director for the purpose of preventing or minimizing exposure to hazardous substances. Engineering controls may include, but are not limited to, fencing, capping, horizontal or vertical barriers, hydraulic controls, and alternative water supplies.

Date of Government Version: 07/01/2017	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/07/2017	Telephone: 503-229-5193
Date Made Active in Reports: 09/27/2017	Last EDR Contact: 10/06/2017
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

## INST CONTROL: Institutional Controls Recorded at ESCI Sites

An institutional control is a legal or administrative tool or action taken to reduce the potential for exposure to hazardous substances. Institutional controls may include, but are not limited to, use restrictions, environmental monitoring requirements, and site access and security measures.

Date of Government Version: 07/01/2017	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/07/2017	Telephone: 503-229-5193
Date Made Active in Reports: 09/27/2017	Last EDR Contact: 10/06/2017
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

### **State and tribal voluntary cleanup sites**

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/25/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Varies

#### VCS: Voluntary Cleanup Program Sites

Responsible parties have entered into an agreement with DEQ to voluntarily address contamination associated with their property.

Date of Government Version: 07/05/2017	Source: DEQ
Date Data Arrived at EDR: 07/06/2017	Telephone: 503-229-5256
Date Made Active in Reports: 09/27/2017	Last EDR Contact: 10/26/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### **State and tribal Brownfields sites**

#### BROWNFIELDS: Brownfields Projects

Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 08/01/2017	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/17/2017	Telephone: 503-229-6801
Date Made Active in Reports: 09/27/2017	Last EDR Contact: 11/16/2017
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/26/2018
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ADDITIONAL ENVIRONMENTAL RECORDS

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/19/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2017	Telephone: 202-566-2777
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 09/20/2017
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### SWRCY: Recycling Facility Location Listing

A listing of recycling facility locations.

Date of Government Version: 08/29/2017	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/30/2017	Telephone: 503-229-5353
Date Made Active in Reports: 09/26/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Quarterly

#### HIST LF: Old Closed SW Disposal Sites

A list of solid waste disposal sites that have been closed for a long while.

Date of Government Version: 04/01/2000	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/08/2003	Telephone: 503-229-5409
Date Made Active in Reports: 07/18/2003	Last EDR Contact: 07/08/2003
Number of Days to Update: 10	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 10/30/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/12/2018
	Data Release Frequency: Varies

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/20/2017
Number of Days to Update: 137	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: No Update Planned

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 11/03/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### AOC COL: Columbia Slough

Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005  
Date Data Arrived at EDR: 05/17/2006  
Date Made Active in Reports: 06/16/2006  
Number of Days to Update: 30

Source: City of Portland Environmental Services  
Telephone: 503-823-5310  
Last EDR Contact: 03/13/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 07/13/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 30

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/30/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: No Update Planned

### AOC MU: East Multnomah County Area

Approximate extent of TSA VOC plume February , 2002

Date of Government Version: N/A  
Date Data Arrived at EDR: 10/07/2002  
Date Made Active in Reports: 10/22/2002  
Number of Days to Update: 15

Source: City of Portland Environmental Services  
Telephone: 503-823-5310  
Last EDR Contact: 03/13/2007  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### CDL 2: Clandestine Drug Lab Site Listing

A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 07/03/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 09/26/2017  
Number of Days to Update: 54

Source: Oregon State Police  
Telephone: 503-373-1540  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

### CDL: Uninhabitable Drug Lab Properties

The properties listed on these county pages have been declared by a law enforcement agency to be unfit for use due to meth lab and/or storage activities. The properties are considered uninhabitable until cleaned up by a state certified decontamination contractor and a certificate of fitness is issued by the Oregon Health Division.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/23/2016  
Date Data Arrived at EDR: 12/27/2016  
Date Made Active in Reports: 01/31/2017  
Number of Days to Update: 35

Source: Department of Consumer & Business Services  
Telephone: 503-378-4133  
Last EDR Contact: 11/07/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Varies

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/13/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 30

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/30/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Quarterly

## Local Land Records

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/11/2017  
Date Data Arrived at EDR: 07/26/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 11/03/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/21/2017  
Date Data Arrived at EDR: 09/21/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 22

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 09/21/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Quarterly

### SPILLS: Spill Data

Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 07/01/2017  
Date Data Arrived at EDR: 07/12/2017  
Date Made Active in Reports: 09/26/2017  
Number of Days to Update: 76

Source: Department of Environmental Quality  
Telephone: 503-229-5815  
Last EDR Contact: 10/02/2017  
Next Scheduled EDR Contact: 01/15/2018  
Data Release Frequency: Semi-Annually

### HAZMAT: Hazmat/Incidents

Hazardous material incidents reported to the State Fire Marshal by emergency responders. The hazardous material may or may not have been released.

Date of Government Version: 07/03/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 09/26/2017  
Number of Days to Update: 54

Source: State Fire Marshal's Office  
Telephone: 503-373-1540  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 05/01/2006	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (206) 553-1200
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 08/25/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/11/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 11/27/2017  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/10/2017  
Date Data Arrived at EDR: 05/17/2017  
Date Made Active in Reports: 09/15/2017  
Number of Days to Update: 121

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 11/06/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 11/09/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/22/2017  
Next Scheduled EDR Contact: 01/01/2018  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 11/24/2015  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 133

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/23/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 09/27/2017  
Date Data Arrived at EDR: 10/12/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 8

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 11/03/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2017  
Date Data Arrived at EDR: 02/09/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/03/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/19/2018
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/13/2017
Number of Days to Update: 126	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 10/11/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Quarterly

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

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: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/16/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/03/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/26/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2017	Telephone: 202-343-9775
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 10/31/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

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: 06/30/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/25/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

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: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 09/21/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 10/11/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016  
Date Data Arrived at EDR: 12/27/2016  
Date Made Active in Reports: 02/17/2017  
Number of Days to Update: 52

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 11/02/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 10/10/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/30/2017  
Date Data Arrived at EDR: 06/09/2017  
Date Made Active in Reports: 09/15/2017  
Number of Days to Update: 98

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 11/03/2017  
Next Scheduled EDR Contact: 01/15/2018  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 07/31/2017  
Date Data Arrived at EDR: 08/30/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/30/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 09/01/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 09/01/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/25/2017  
Date Data Arrived at EDR: 09/26/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 24

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 09/25/2017  
Next Scheduled EDR Contact: 12/25/2017  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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: 07/23/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 09/15/2017  
Number of Days to Update: 9

Source: EPA  
Telephone: (206) 553-1200  
Last EDR Contact: 09/06/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 44

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 09/06/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2016  
Date Data Arrived at EDR: 06/02/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 133

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 10/16/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/15/2017	Telephone: 202-564-0527
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 261	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/17/2017	Source: EPA
Date Data Arrived at EDR: 08/17/2017	Telephone: 800-385-6164
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## AIRS: Oregon Title V Facility Listing

A listing of Title V facility source and emissions information.

Date of Government Version: 12/31/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/18/2017	Telephone: 503-229-6459
Date Made Active in Reports: 10/23/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/17/2047
	Data Release Frequency: Annually

## COAL ASH: Coal Ash Disposal Sites Listing

A listing of coal ash disposal sites.

Date of Government Version: 12/31/2016	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/03/2017	Telephone: 541-298-7255
Date Made Active in Reports: 10/11/2017	Last EDR Contact: 08/31/2017
Number of Days to Update: 222	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Varies

## DRYCLEANERS: Drycleaning Facilities

A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 06/08/2017	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/08/2017	Telephone: 503-229-6783
Date Made Active in Reports: 09/26/2017	Last EDR Contact: 10/30/2017
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/12/2018
	Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for hazardous waste facilities.

Date of Government Version: 09/08/2017	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/11/2017	Telephone: 541-633-2011
Date Made Active in Reports: 10/23/2017	Last EDR Contact: 08/31/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Semi-Annually

## Financial Assurance 2: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/23/2017  
Date Data Arrived at EDR: 08/24/2017  
Date Made Active in Reports: 09/27/2017  
Number of Days to Update: 34

Source: Department of Environmental Quality  
Telephone: 503-229-5521  
Last EDR Contact: 11/15/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Semi-Annually

## HSIS: Hazardous Substance Information Survey

Companies in Oregon submitting the Hazardous Substance Information Survey and either reporting or not reporting hazardous substances.

Date of Government Version: 07/05/2017  
Date Data Arrived at EDR: 08/18/2017  
Date Made Active in Reports: 09/26/2017  
Number of Days to Update: 39

Source: State Fire Marshal's Office  
Telephone: 503-373-1540  
Last EDR Contact: 11/13/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Semi-Annually

## OR MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/02/2017  
Date Made Active in Reports: 10/11/2017  
Number of Days to Update: 131

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 11/06/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Annually

## NPDES: Wastewater Permits Database

A listing of permitted wastewater facilities.

Date of Government Version: 12/06/2016  
Date Data Arrived at EDR: 12/09/2016  
Date Made Active in Reports: 04/14/2017  
Number of Days to Update: 126

Source: Department of Environmental Quality  
Telephone: 503-229-5657  
Last EDR Contact: 11/09/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Quarterly

## UIC: Underground Injection Control Program Database

DEQ's Underground Injection Control Program is authorized by the Environmental Protection Agency (EPA) to regulate all underground injection in Oregon to protect groundwater resources.

Date of Government Version: 09/21/2017  
Date Data Arrived at EDR: 09/22/2017  
Date Made Active in Reports: 10/11/2017  
Number of Days to Update: 19

Source: Department of Environmental Quality  
Telephone: 503-229-5945  
Last EDR Contact: 09/21/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR Hist Auto: EDR Exclusive Historic Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## EDR Hist Cleaner: EDR Exclusive Historic Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/27/2013  
Number of Days to Update: 179

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## 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.

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2017  
Date Data Arrived at EDR: 11/01/2017  
Date Made Active in Reports: 11/13/2017  
Number of Days to Update: 12

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Quarterly

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 04/13/2017  
Date Made Active in Reports: 07/14/2017  
Number of Days to Update: 92

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/11/2017  
Next Scheduled EDR Contact: 12/25/2017  
Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Child Care Listings

Source: Employment Department

Telephone: 503-947-1420

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## State Wetlands Data: Wetlands Inventory Data

Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

## Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

DE LAKE  
NE 1ST STREET  
LINCOLN CITY, OR 97367

### TARGET PROPERTY COORDINATES

Latitude (North): 44.967597 - 44° 58' 3.35"  
Longitude (West): 124.014991 - 124° 0' 53.97"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 419955.8  
UTM Y (Meters): 4979635.0  
Elevation: 10 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 6066882 LINCOLN CITY, OR  
Version Date: 2014  
  
Southeast Map: 6069431 DEVILS LAKE, OR  
Version Date: 2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION 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, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

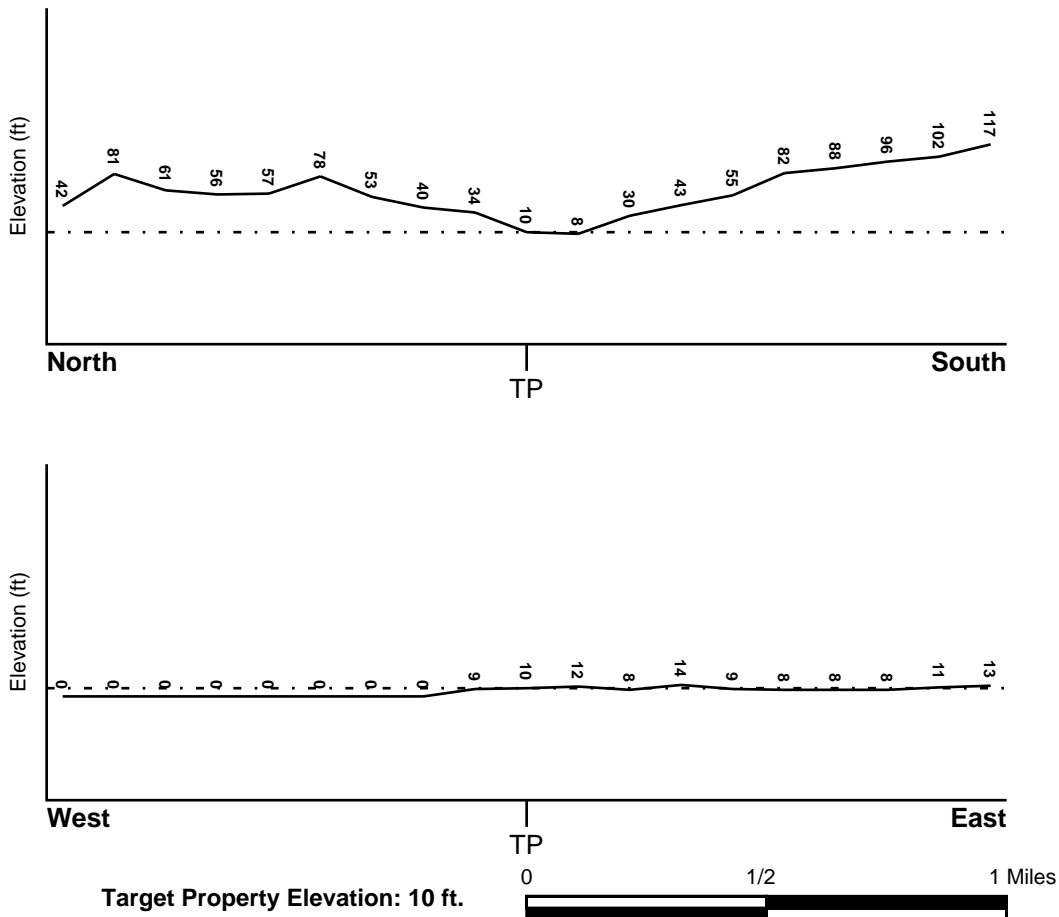
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
41041C0109D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
41041C0107D	FEMA FIRM Flood data
41041C0126D	FEMA FIRM Flood data
41041C0130D	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
LINCOLN CITY	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

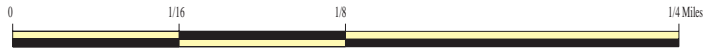
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit 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. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 5109433.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: DE Lake  
ADDRESS: NE 1st Street  
Lincoln City OR 97367  
LAT/LONG: 44.967597 / 124.014991

CLIENT: Maul Foster & Alongi, Inc.  
CONTACT: Carolyn Wise  
INQUIRY #: 5109433.2s  
DATE: November 17, 2017 11:42 am

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: Beaches

Soil Surface Texture: stratified gravel to sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:  
Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	stratified gravel to sand	Not reported	Not reported	Max: Min:	Max: Min:

#### Soil Map ID: 2

Soil Component Name: Brallier

Soil Surface Texture: mucky peat

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	46 inches	mucky peat	A-8	Highly organic soils, Peat.	Max: 14 Min: 4	Max: Min:
2	46 inches	59 inches	muck	A-8	Highly organic soils, Peat.	Max: 14 Min: 4	Max: Min:

### Soil Map ID: 3

Soil Component Name: Water

Soil Surface Texture: mucky peat

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture: mucky peat

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:  
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

No Layer Information available.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 5**

Soil Component Name: Waldport

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141	Max: 6 Min: 4.5
2	7 inches	59 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 705 Min: 141	Max: 6.5 Min: 5.1

**Soil Map ID: 6**

Soil Component Name: Nelscott

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
2	14 inches	29 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 4.5
3	29 inches	35 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 5.1
4	35 inches	48 inches	cemented material	Not reported	Not reported	Max: 1.4 Min: 0.41	Max: Min:
5	48 inches	59 inches	stratified fine sand to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

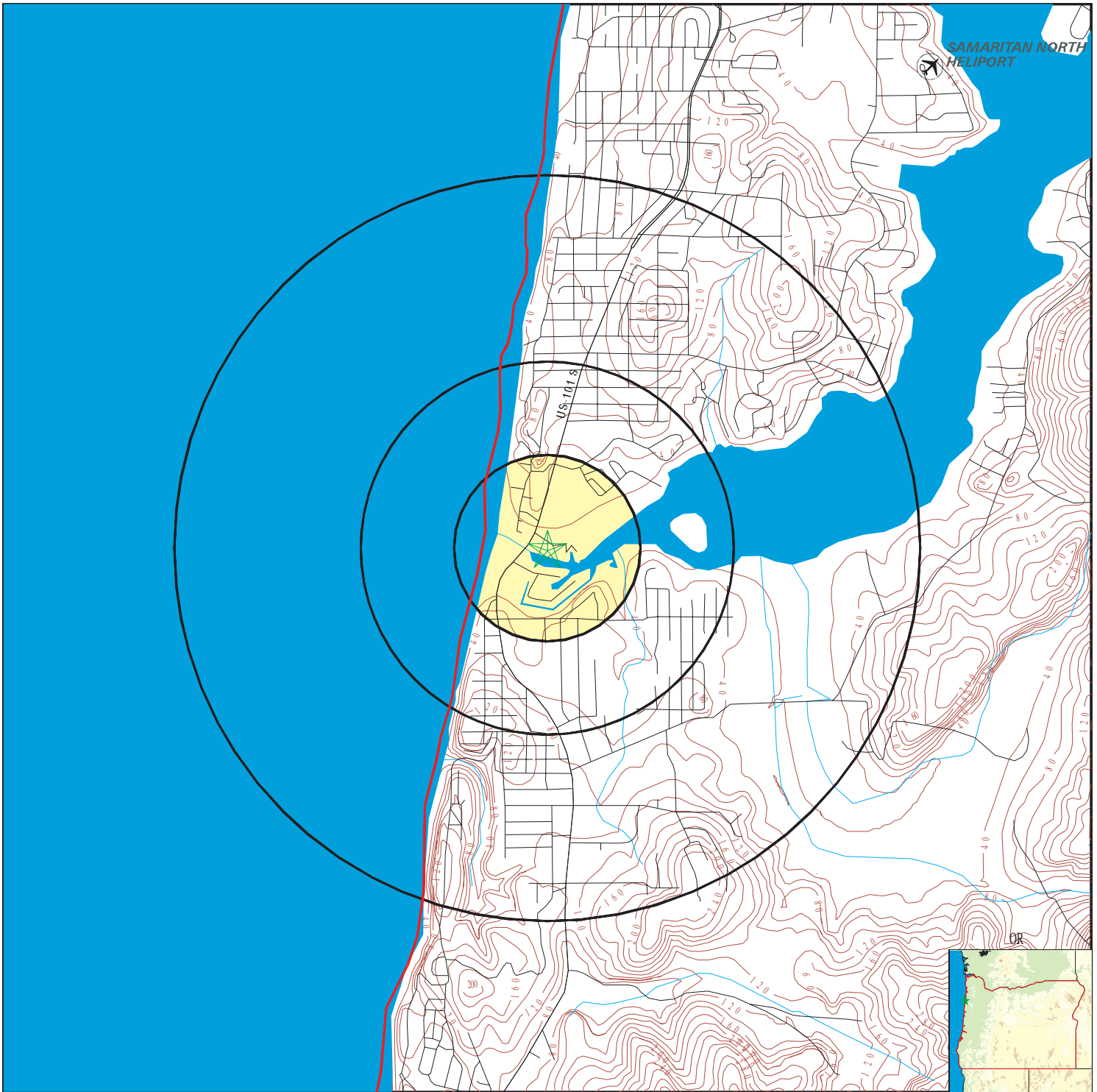
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		









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





## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 5109433.2s



-  County Boundary
-  Major Roads
-  Contour Lines
-  Airports
-  Earthquake epicenter, Richter 5 or greater
-  Water Wells
-  Public Water Supply Wells
-  Cluster of Multiple Icons

-  Groundwater Flow Direction
-  Indeterminate Groundwater Flow at Location
-  Groundwater Flow Varies at Location
-  Oil, gas or related wells

SITE NAME: DE Lake  
 ADDRESS: NE 1st Street  
 Lincoln City OR 97367  
 LAT/LONG: 44.967597 / 124.014991

CLIENT: Maul Foster & Alongi, Inc.  
 CONTACT: Carolyn Wise  
 INQUIRY #: 5109433.2s  
 DATE: November 17, 2017 11:41 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: OR Radon

### Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Average	# > 4 pCi/L
97367	1	0.5	0.5	0.5	0

Federal EPA Radon Zone for LINCOLN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory Data

Source: Oregon Geospatial Enterprise Office

Telephone: 503-378-2166

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Data

Source: Department of Water Resources

Telephone: 503-986-0843

## OTHER STATE DATABASE INFORMATION

#### Oil and Gas Well Locations

Source: Department of Geology and Mineral Industries

Telephone: 971-673-1540

A listing of oil and gas well locations in the state.

### RADON

#### State Database: OR Radon

Source: Oregon Health Services

Telephone: 503-731-4272

Radon Levels in Oregon

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STREET AND ADDRESS INFORMATION

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# APPENDIX F

## AERIAL PHOTOGRAPHS





**DE Lake**

NE 1st Street

Lincoln City, OR 97367

Inquiry Number: 5109433.9

November 17, 2017

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

**Site Name:**

DE Lake  
 NE 1st Street  
 Lincoln City, OR 97367  
 EDR Inquiry # 5109433.9

**Client Name:**

Maul Foster & Alongi, Inc.  
 400 East Mill Plain Blvd Suite 400  
 Vancouver, WA 98660  
 Contact: Carolyn Wise



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**Search Results:**

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: May 06, 1994	USGS/DOQQ
1990	1"=1000'	Flight Date: November 15, 1990	USGS
1985	1"=500'	Flight Date: August 28, 1985	USGS
1982	1"=500'	Flight Date: July 12, 1982	USGS
1976	1"=500'	Flight Date: May 01, 1976	USGS
1955	1"=500'	Flight Date: August 17, 1955	USGS

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INQUIRY #: 5109433.9

YEAR: 2012

— = 500'





INQUIRY #: 5109433.9

YEAR: 2011

— = 500'





INQUIRY #: 5109433.9

YEAR: 2009

— = 500'





INQUIRY #: 5109433.9

YEAR: 2005

— = 500'



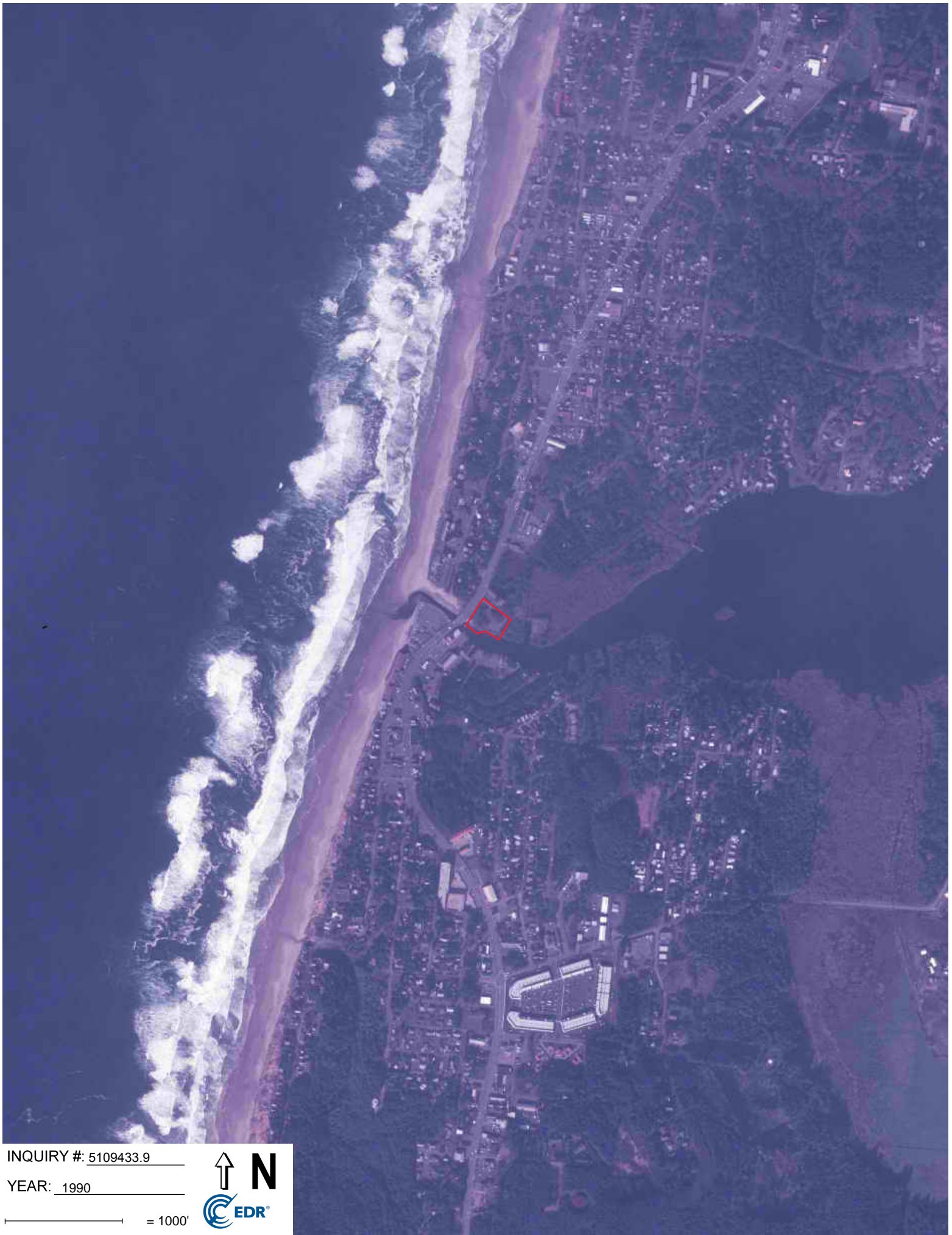


INQUIRY #: 5109433.9

YEAR: 1994

— = 500'





INQUIRY #: 5109433.9

YEAR: 1990

— = 1000'





INQUIRY #: 5109433.9

YEAR: 1985

— = 500'





INQUIRY #: 5109433.9

YEAR: 1982

— = 500'





INQUIRY #: 5109433.9

YEAR: 1976

— = 500'





INQUIRY #: 5109433.9

YEAR: 1955

— = 500'



# APPENDIX G

## SANBORN FIRE INSURANCE MAP



DE Lake  
NE 1st Street  
Lincoln City, OR 97367

Inquiry Number: 5109433.3

November 17, 2017

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

11/17/17

**Site Name:**

DE Lake  
NE 1st Street  
Lincoln City, OR 97367  
EDR Inquiry # 5109433.3

**Client Name:**

Maul Foster & Alongi, Inc.  
400 East Mill Plain Blvd Suite 400  
Vancouver, WA 98660  
Contact: Carolyn Wise



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Maul Foster & Alongi, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

**Certified Sanborn Results:**

**Certification #** 2471-4498-B07F  
**PO #** 1467.01.01  
**Project** De Lake, NE 1st Street  
**Maps Provided:**  
1951



Sanborn® Library search results

Certification #: 2471-4498-B07F

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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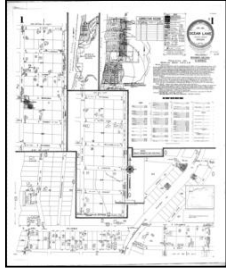
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**Sanborn Sheet Key**

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



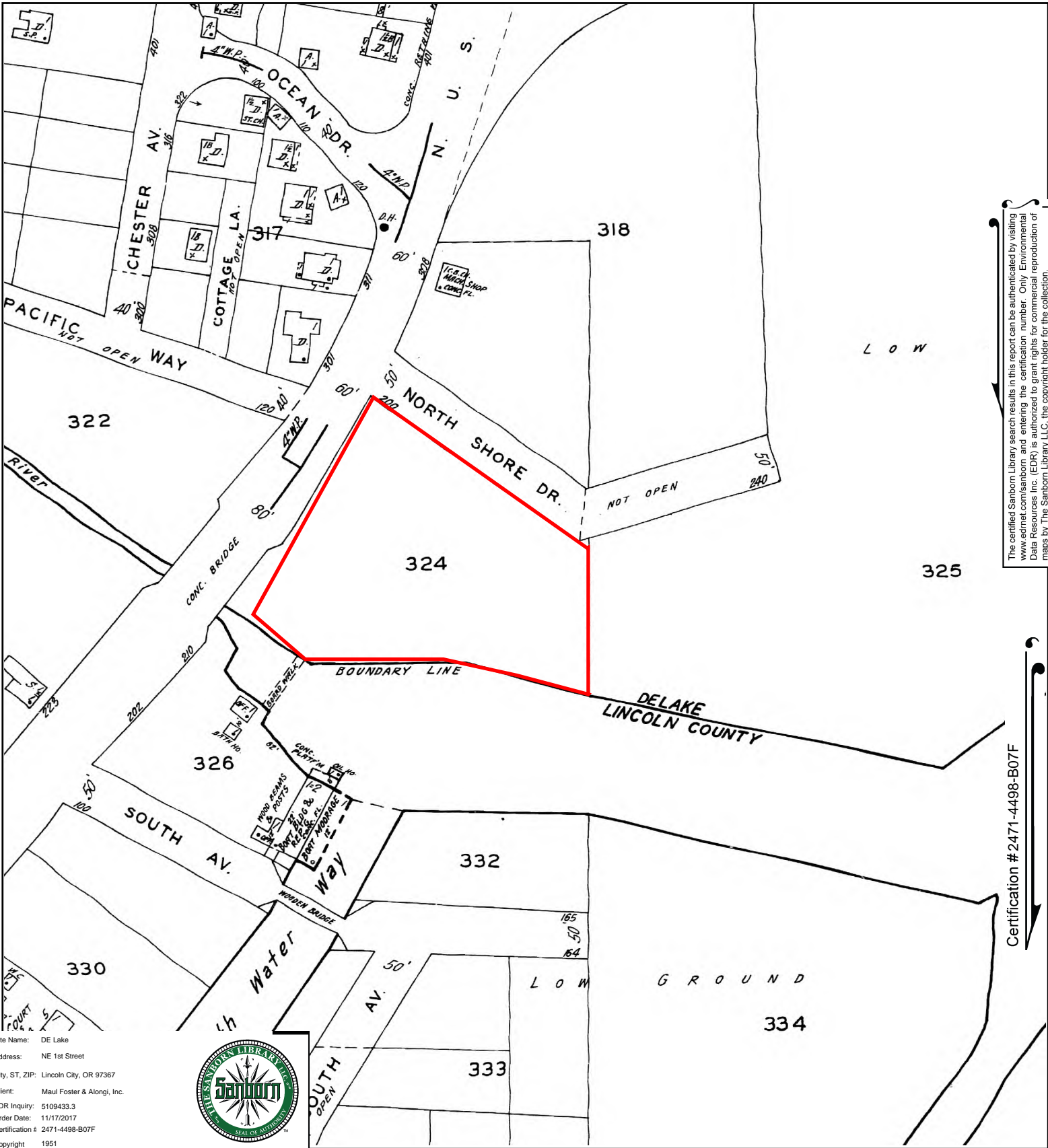
**1951 Source Sheets**



Volume 1, Sheet Keymap/Sheet 1951



Volume 1, Sheet 6 1951



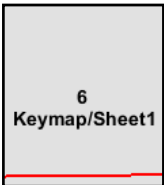
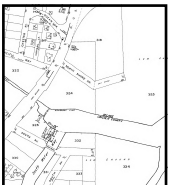
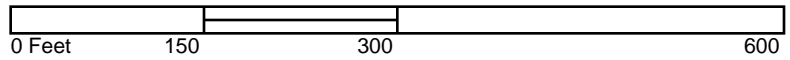
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Certification #2471-4498-B07F

Site Name: DE Lake  
 Address: NE 1st Street  
 City, ST, ZIP: Lincoln City, OR 97367  
 Client: Maul Foster & Alongi, Inc.  
 EDR Inquiry: 5109433.3  
 Order Date: 11/17/2017  
 Certification # 2471-4498-B07F  
 Copyright 1951



This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 6  
 Volume 1, Sheet Keymap/Sheet1



# APPENDIX H

CITY DIRECTORIES



**DE Lake**

NE 1st Street  
Lincoln City, OR 97367

Inquiry Number: 5109433.5  
November 18, 2017

# The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

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

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive

## FINDINGS

### TARGET PROPERTY STREET

NE 1st Street  
Lincoln City, OR 97367

Year

CD Image

Source

### NE 1ST ST

2014	-	EDR Digital Archive	Street not listed in Source
2010	-	EDR Digital Archive	Street not listed in Source
2005	-	EDR Digital Archive	Street not listed in Source
2000	-	EDR Digital Archive	Street not listed in Source
1995	-	EDR Digital Archive	Street not listed in Source
1992	-	EDR Digital Archive	Street not listed in Source

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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### NE HIGHWAY 101

2014	pg. A1	EDR Digital Archive
2010	pg. A2	EDR Digital Archive
2005	pg. A3	EDR Digital Archive
2000	pg. A4	EDR Digital Archive
1995	pg. A5	EDR Digital Archive
1992	pg. A6	EDR Digital Archive

## **City Directory Images**

**NE HIGHWAY 101**

**2014**

136	COMFORT INN
180	GUDGE, CLAUDE
416	PACIFICORP
540	COASTAL COMMUNITIES CULTURAL C LINCOLN COUNTY SCHOOL DST SAMARITAN NORTH LINCOLN HOSP
620	ARTISTS STUDIO ASSOCIATION PACIFIC ARTIST ALLIANCE
722	KODIAK KOFFEE CO
828	GALVAN & GALVAN INC
934	COAST HEARTH HOME MILLER TANYA HORSESHOEING

**NE HIGHWAY 101      2010**

136	COMFORT INN
180	GUDGE, CLAUDE
416	PACIFICORP
540	COASTAL COMMUNITIES CENTER LINCOLN CITY CULTURAL CENTER LINCOLN COUNTY SCHOOL DISTRICT SAMARITAN NORTH LINCOLN HOSP
620	PACIFIC ARTIST ALLIANCE
828	GALVAN & GALVAN INC
918	A & L CONSTRUCTION
934	9NORTH SIDE ELECTRIC COAST HEARTH HOME MILLER TANYA HORSESHOEING VOGUES BIRKENSTOCK WINDOWZ N DOORZ

**NE HIGHWAY 101**

**2005**

136	COMFORT INN
180	GUDGE, CLAUDE
416	PACIFICORP
540	LINCOLN COUNTY SCHOOL DISTRICT SAMARITAN NORTH LINCOLN HOSP
620	EARTHWORKS GALLERY RICKERTS ART CENTER/GALLERY
828	GALVAN & GALVAN INC
934	BOSTON RESTORATION FREDS AWNINGS & SOLAR SCREENS SPRINT INTERNATIONAL INC WINDOWZ N DOORZ

**NE HIGHWAY 101**

**2000**

136	LINCOLN SHORES INN
416	PACIFICORP
540	LINCOLN COUNTY SCHOOL DISTRICT
620	RICKERTS ART CENTER/GALLERY
722	KODIAK COFFEE CO
828	YUZEN
934	BOSTON RESTORATION
	SPRINT CORPORATION

**NE HIGHWAY 101**

**1995**

136	LINCOLN SHORES MOTEL
416	PACIFICORP
540	DELAKE ELEMENTARY SCHOOL
620	LINCOLN ART & GIFT GALLERY RICKERT ART CENTER
828	ARCTIC CIRCLE CORP
934	UNITED TELE CO OF THE NW

**NE HIGHWAY 101**

**1992**

136	KRUETZ, GARY J LINCOLN SHORES MOTEL
416	PACIFICORP
540	DELAKE ELEMENTARY SCHOOL
620	LINCOLN ART & GIFT GALLERY
828	ARCTIC CIRCLE CORP
934	UNITED TELE CO OF THE NW

# APPENDIX I

## HISTORICAL DOCUMENTATION





The D River recreational park on the east side of Hwy. 101 shown here in the 1950s. Records indicate that the park was destroyed by either the result of a tsunami generated by the 1964 Alaska Earthquake or the Columbus Day Storm in October of 1964. Photo circa 1950.

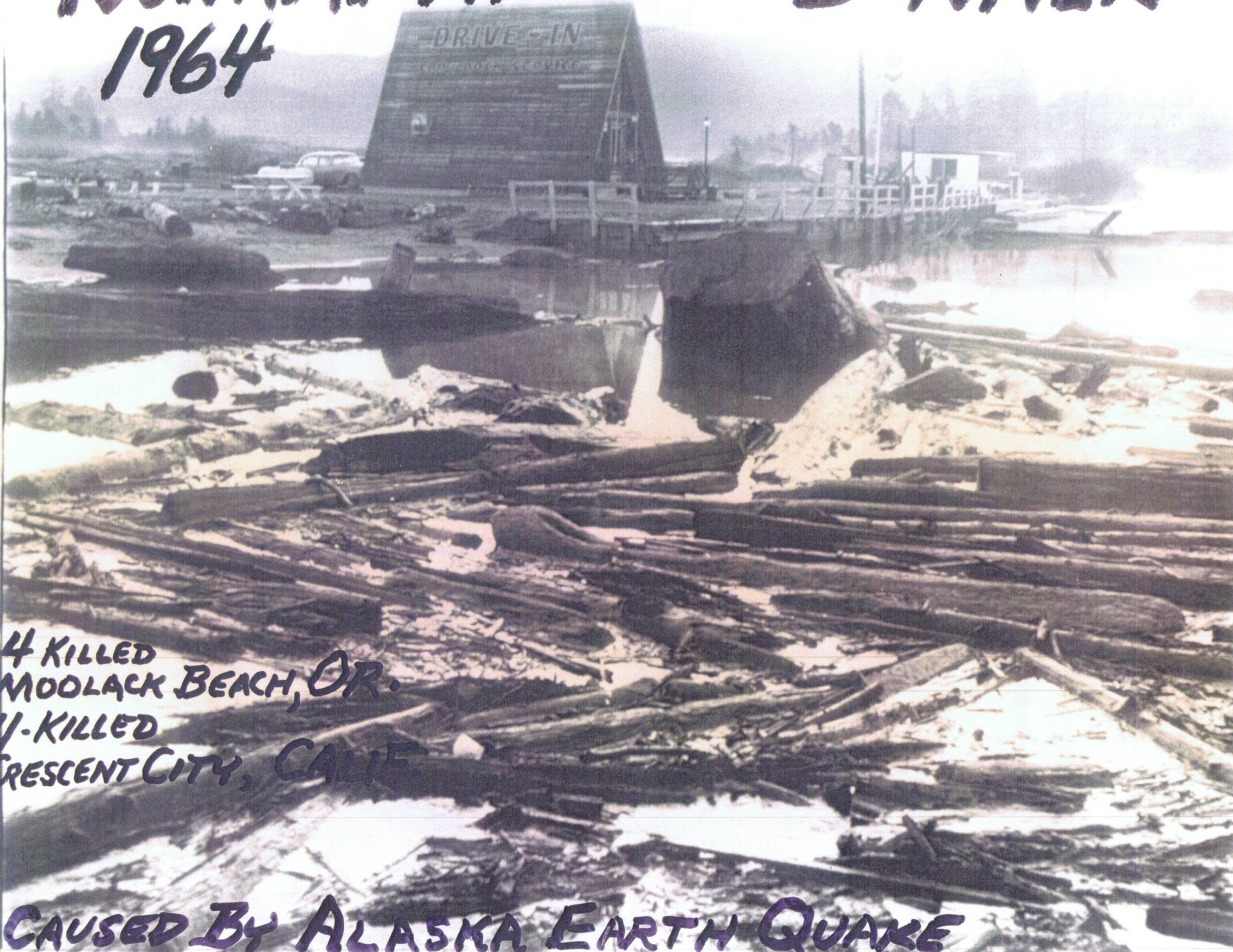
D RIVER  
WORLDS SHORTEST

OREGON  
US  
101



**TSUNAMI WAVE  
1964**

**D-RIVER**



**4 KILLED  
MOOLACK BEACH, OR.  
11-KILLED  
CRESCENT CITY, CALIF.**

**CAUSED BY ALASKA EARTH QUAKE**



# G2 ASSOCIATES INC.

503-292-7939

GEOLOGY • SOILS • ENVIRONMENTAL • DEVELOPMENT

August 19, 2003

Mr. Ron Ploger, Parks and Recreation Department  
City of Lincoln City  
801 SW Highway 101, Lincoln Square  
PO Box 50  
Lincoln City, Oregon 97367

RE: Modified Level One Environmental Assessment  
Proposed Acquisition of Hedrick Property  
East of Highway 101, North Side of "D" River, and South of NE First Street  
Tax Lot 3200 and 400, Section 15 AC & AD (Respectively), T7S, R11W, WM  
Lincoln County, Oregon

Purchase Order No. 94220

Dear Ron:

Pursuant to your verbal and written requests, we have performed a Modified Level One Assessment of the subject property under consideration for purchase by the City. The project was commenced on Friday, July 25, 2003, following phone consultations with you and a site inspection in your presence, a search of City information files regarding the history of the area surrounding this land, and an inspection of the adjacent neighborhoods. The field inspections were conducted by this office for the purpose of orientation, photography of field conditions, and inspection of features relating to past site occupations. This report is structured to address those matters this firm views as relevant to the City's acquisition of said property and the potential risks that might extend from the actual ownership. All judgments and professional opinions are based on observations made during the site inspection, review of information provided to this office, and review of files and research information in the possession of this firm pertaining to the project area. No invasive testing of soil, water or air mediums was performed or requested within the scope of this project. Specific testing is considered to be a Level Two task and is focused on concerns, which might arise from the Level One analysis or from suspicions reported by members of the public. Following is a report of our observations and findings regarding the subject property.

Mr. Ron Ploger, Parks and Recreation Department  
Hedrick Property Assessment  
Lincoln City, OR  
August 19, 2003  
Page 2

## **PROPERTY DESCRIPTION AND SETTING**

The subject properties are reported to be an aggregate 2.3 acres of tree and brush covered low tidal flat ground, bound on the south side by the Devils Lake channel traveling under the Highway 101 highway bridge toward the Pacific Ocean. Highway 101 bounds it along its entire west boundary, while NE First Street forms the northern margin. The land to the north is developed, while the properties to the east (upstream) remain as undeveloped marshland lying at or just above the lake and river level, and are owned by the state parks department. Highway 101 provides the sole source of north to south vehicular traffic into this area and is immediately adjacent along the western boundary of the property as mentioned above. As discussed further in this report and displayed in the attached photographs, the site is partially covered in brush with some minor interior deciduous trees, and marsh grasses, and exhibits few surface signs of the former land use activities known by other means to have occurred onsite years ago.

The joint Hedrick properties (TL 3200 and 400) form a generally rectangular shape elongated west to east along the northern side of the Devils Lake/"D" River shoreline. The properties lie at and up to a few feet higher than the current water level and are still several feet lower than Highway 101. Currently, the sole vehicular access into the property is found at the northwestern corner of the site where Highway 101 and NE First Street intersect. The extreme western boundary consists of a brushy and tree-covered slope shoulder of the main highway that rises above the site. The sole remnants of the former site occupants take the form of perhaps a few rotten piling along the water line and a narrow wooden bridge that crosses a channel, east of the site, to land owned by the Oregon State Parks Department. No other features related to the former site occupation appear to have survived the last 50+ years including the 1964 tsunami event which inundated this entire area and destroyed many low-lying structures along this coast.

In the performance of this evaluation, we have fully digested the property information provided by your office and data from previous projects performed in this area by this firm over the past 18 years. According to the public information provided, this property topographically lies between elevations 10-13 throughout. The majority of grades within this lot, (elevations 10-13), rest just above the river level lying along the south, and remain below the most current tsunami inundation zone mapping for this area. Our observations of the surface drainage in this area revealed that all water collected within the lot travels southward off of the site and directly into the river channel. It is apparent that this ground remains saturated year round based on observations regarding tide, lake and river level relationships and the elevations of this site.

## **NEARBY AND ADJACENT LAND USES**

In general terms, the site is an inter-city parcel previously used since at least the 1940s to 1950s, for public recreation and boat access to the lower end of Devils Lake which

extends inland to the northeast for several miles. Adjacent and nearby land uses are very diversified and range between residential and motel uses, restaurants, state parks facilities, retail outlets of all types and similar, non-industrial businesses. We have previously defined the general past uses of this land as public recreation, boating and associated forms of entertainment. Examination of historical photographs did not reveal any obvious practices of fuel pumping on the site for the boating uses. We thank the City for their generous participation in this assessment in order that their timelines could be met for this acquisition. Historically speaking, no obvious evidence of commercial uses of this land (other than those described herein) has been revealed which might draw concern for this property.

### **SOILS AND GEOLOGY**

This parcel of land lies within the dune-protected Siletz embayment environment. The Devils Lake drainage and the related "D" River actually breach the row of combined dunes, marine sedimentary rock and volcanic rock formations that otherwise protect the land from catastrophic invasion by events such as tsunami events (e.g. 1964). Like most embayments, estuaries and river mouths along this coast, this environment is the result of the combined forces of fluvial (river) deposition from the land, oceanic wave activities during storm cycles, and the effects of the long shore (littoral) sediment transport processes affecting most of this coast. The active beach west of Highway 101 is historically deep and flat lying; with little visible dune accumulation that can commonly form sand bars and eventually entrap and block the seaward drainage process of the "D" River. This condition is missing here which is why the beach and river accesses remain healthy and vital to the local economy. The Soil Conservation Service mapping identifies localized soil units as estuarine (bay mud deposits) bounded and underlain by dunes and marine sedimentary rock units such as siltstones, clay beds, etc. Typically, the dune sands and bay sediments are locally found to rest on elevated Quaternary to Miocene age marine terrace rock deposits. These units appear to be well weathered in this area (except in the cliffs west of the highway) and none are actually exposed within the site. All public files and printed technical information reviewed and considered in the preparation of this report is considered to be a part of the project by reference, regardless of whether the documents and public files have been physically included herein.

### **GROUNDWATER ACTIVITY**

Locally speaking, rainfall from the land in this environment enters the bay via gravity means at low tide, or by pumping through City stations, thus becoming a part of the lake/river groundwater system. The subject parcel and adjacent higher lots collect direct runoff and drain directly to the river. Sources indicate that local runoff is somewhat controlled by a short dike over which the lake level must rise to drain seaward on a

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constant basis. The FIRM or Flood Insurance Rate Map for the City of Lincoln City, Oregon, defines the site as lying within the Zone AE (elevation 10-13, more or less).

## **PROPOSED PROPERTY USES**

We are advised that this land acquisition will be seen as a property for minor development as a parks viewing area for public recreation and a potential classroom-viewing locale for lake/stream/estuary studies. Although not clearly defined at this writing, the development proposed would be focused on daytime public access and uses. Specifics regarding grading or design plans for this site have not been presented for our review at this time.

## **CONCLUSIONS AND RECOMMENDATIONS**

Based on previous experience in the project vicinity and the results of our investigation during this project, we offer the following principal comments for your consideration.

1. G2 Associates, Inc. has conducted a search of multiple public files, reports by others and those in possession of this firm from previous projects looking for indicators of potential past environmental hazards in the project vicinity. Those files included, but were not limited to: CERCLA, RCRA, the Oregon DEQ-LUST manifests and other directories, tax information, deeds, and public information sources deemed relevant to this property and the immediate area. Appraisal information regarding this property was not available for review at this writing.
2. Review of the State DEQ-LUST, RCRA and CERCLA lists verifies that local businesses (located particularly along Highway 101 to the distant east of this property) may utilize underground fuel storage tanks in the performance of their normal operations. No leaking tank sites or spills of record other than those addressed within this report were found which are interpreted as posing a threat to this property. The nearest fuel stations in this area are now subject to the most stringent environmental standards as imposed by the DEQ. The closest station lies approximately one-half mile to the south on higher ground along Highway 101. Due to its new construction, this facility has no negative environmental history for which we hold concerns. All other stations lie at much greater distance from this site and are positioned hydrologically so as to drain away from this vicinity. This relationship affords a reasonable degree of theoretical protection to this property by virtue of the dynamics and direction of local groundwater flow in the area. We understand that newer homes in this vicinity use natural gas or electricity for heating. It is not known whether oil heat (and the tanks associated thereunto) have been common in this area. No records have been exposed regarding the heat sources for any structures at this property over the past 80+ years. No confirmations regarding spilled fuels or leaking

underground tanks in the immediate vicinity have been found to date. Although some tanks may exist locally, we point out that steel fuel storage tanks are neither common nor desirable in coastal settings due to the saline groundwater and high groundwater issues which dominate at the lower elevations.

3. It is important to note that residential heating tanks are exempt from DEQ registration. Typically, the only records of their existence occur if and when spills or releases from underground vessels contaminate soil or groundwater and require cleanup efforts. We have found no records to date indicating leaking heating oil tanks on adjacent properties, which might incur damage to the subject land or vice versa. This assessment includes consideration for soil types, topographic gradients, a lack of historical releases in the area and the general hydrological characteristics of local soils and groundwater trends.
4. **RCRA.** Research of the federal RCRA sites in this region revealed that only a handful of fully regulated waste generator businesses are known locally. These are businesses using potentially hazardous chemicals other than hydrocarbon fuels in their day-to-day business operations. We point out that these are usually commercial or industrial concerns and that their listing is a basic requirement by law. Their citation on public records is not a declaration or suspicion of contaminant releases or other negative aspersion, but is merely an acknowledgment in public records of the presence of such activities. We find no current reason for concern over this matter based on the knowledge of said operations, nor does this provide the necessary evidentiary substantiation to recommend further investigation at this time.
5. **CERCLA.** No such federal cleanup sites are identified within the one-half mile radius around this property. We do not anticipate further action is necessary at this time based on current knowledge and information available through public records.
6. **CHEMICALS.** No evidence was noted on the site foliage to suggest the lingering effects of the past use of herbicides, or pesticides, or the uncontrolled spill of said substances on this site. Although this evaluation did not include physical testing of soil and groundwater mediums for chemical contaminants, we have observed no indications of illicit dumping which might lead to concern for this property. No stunted growth was noted on site vegetation, which might indicate concerns for future uses of this land. If concerns were to arise during an assessment, based around past local uses, then a recommendation for field-testing would be made in this report. As a matter of general advice to all clients, we do recommend that they be aware of the current or past uses of heating oil vessels on adjacent properties or signs of uncontrolled dumping into the drainages that enter into this property. Underground and above ground tanks are often the source for localized soil and groundwater contamination. We remain available for further consultations and to assist with site

testing should concerns arise for conditions stemming from suspected nearby releases. We conclude that the client should pursue a full course of due diligence in the further investigation for any past uses of heating fuels and remnant tanks, etc., at this property. G2 Associates, Inc. is also well experienced in these matters should the City require assistance in the resolution of this matter.

7. **PCBs.** Polychlorinated biphenols (PCBs) were historically used as cooling agents in power transformers for many years, and are linked as carcinogenics in humans. Most transformers today have been replaced or serviced and flushed. The standard procedure has been the systematic reduction of the PCB concentration to a level of 5 PPM or less within a single unit. Since industry practice is for the managing utility company to cleanup their own spills or releases, we see no practical reason to recommend further investigation at this time.
8. **AIR QUALITY.** The Air Quality Division of the Oregon DEQ maintains files on sites throughout the State that have received or requested permits to discharge pollutants to the atmosphere. These files contain information about the specific businesses and the relative concentrations of permitted discharges. No known sources of unmonitored discharges (point sources in this area) have come to our attention during this investigation. Given the evidence, we find no reasoning for recommending further testing or investigation.
9. Due to the low elevation of this property, periodic groundwater rise, and surface flooding during periods of heavy runoff remain the most predominant issue. The vegetation over this site is healthy as a testimonial to the relative abundance of groundwater runoff in this setting. It is also true that flooding is potentially a threat to this property during heavy storms, high tides and under tsunami events. It is understood that no large permanent structures are likely to be constructed at this site. Given the stated future uses of the land, it is our opinion that the client be aware of the potential issues attending water levels in soil, the low elevations of the site and the interrelationships of these elements while considering the future development of the property.

## **SUMMARY**

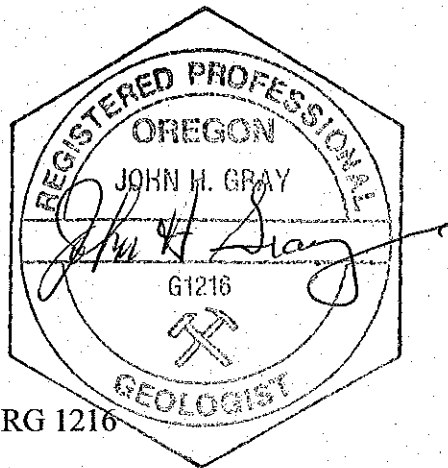
The information files and reports reviewed during the course of this analysis, plus our consultations with the client and observations during the site visitation have culminated in a professional opinion. Risks inherent with this acquisition appear to be low from the geotechnical and environmental perspectives. The review of files created by others including governmental agencies is a common practice and a base premise of the Level One Assessment process. We offer no guarantees or warranties regarding the accuracy of governmental file information or the validity of reports by others. Those documents and

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interviews are held as a means of determining whether validity seems likely and consistent with other accounts. We have exercised some 29 years of expertise in the disciplines of soils engineering, soil properties, geology, groundwater hydrology and monitoring, environmental testing, analysis and remediation and other specializations in the formation of these opinions. It is our professional opinion that the information provided and reviewed, including governmental files and the entire Level One Assessment process are valuable tools in the creation of an understanding of a property and its setting. Based on the evidence reviewed, we believe that the published and unpublished information reviewed during this assessment supports the acquisition. The formal assessment process remains only a portion of the normal "due diligence" efforts which should be exercised in evaluation of the security of any real property purchase. We trust the client will fulfill a normal, thorough, and complete course of investigative "due diligence" in assessing the project viability and risks cited herein prior to the acquisition of the subject land.

It has been a pleasure serving you on this project. Please feel free to contact this office should additional field assistance be needed. We shall remain available to further aid in geotechnical, environmental, and construction consulting support as needed.

Sincerely,



John H. Gray, RG 1216  
President  
Enclosures  
03161mea1081903.doc

SECTION 15 T.7S. R.11W. WM.  
LINCOLN COUNTY

1" = 100'

SECTION 15 T7S R11W WM  
LINCOLN COUNTY

1" = 100'

FOR

See Map 7 11 15 A A

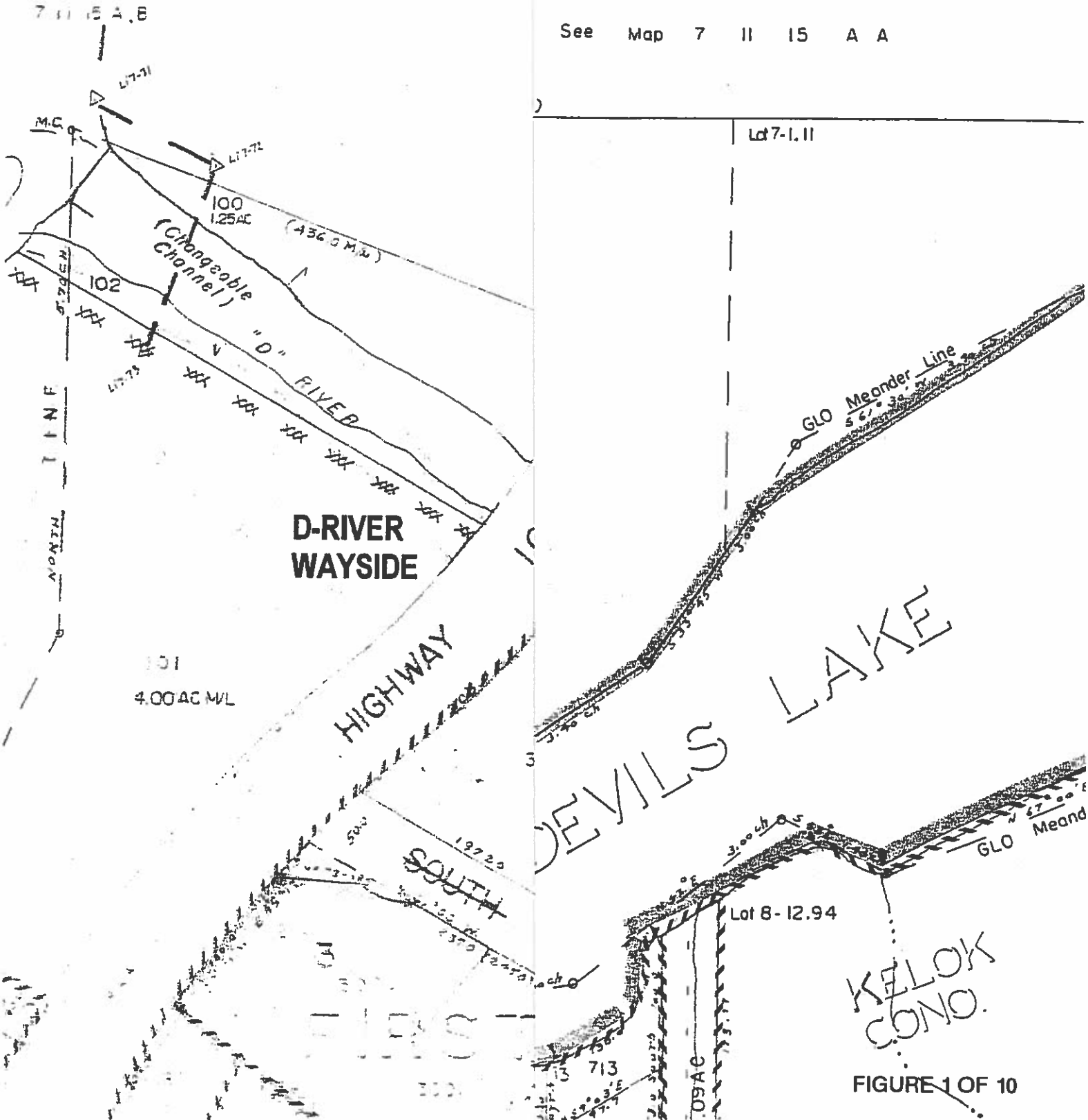
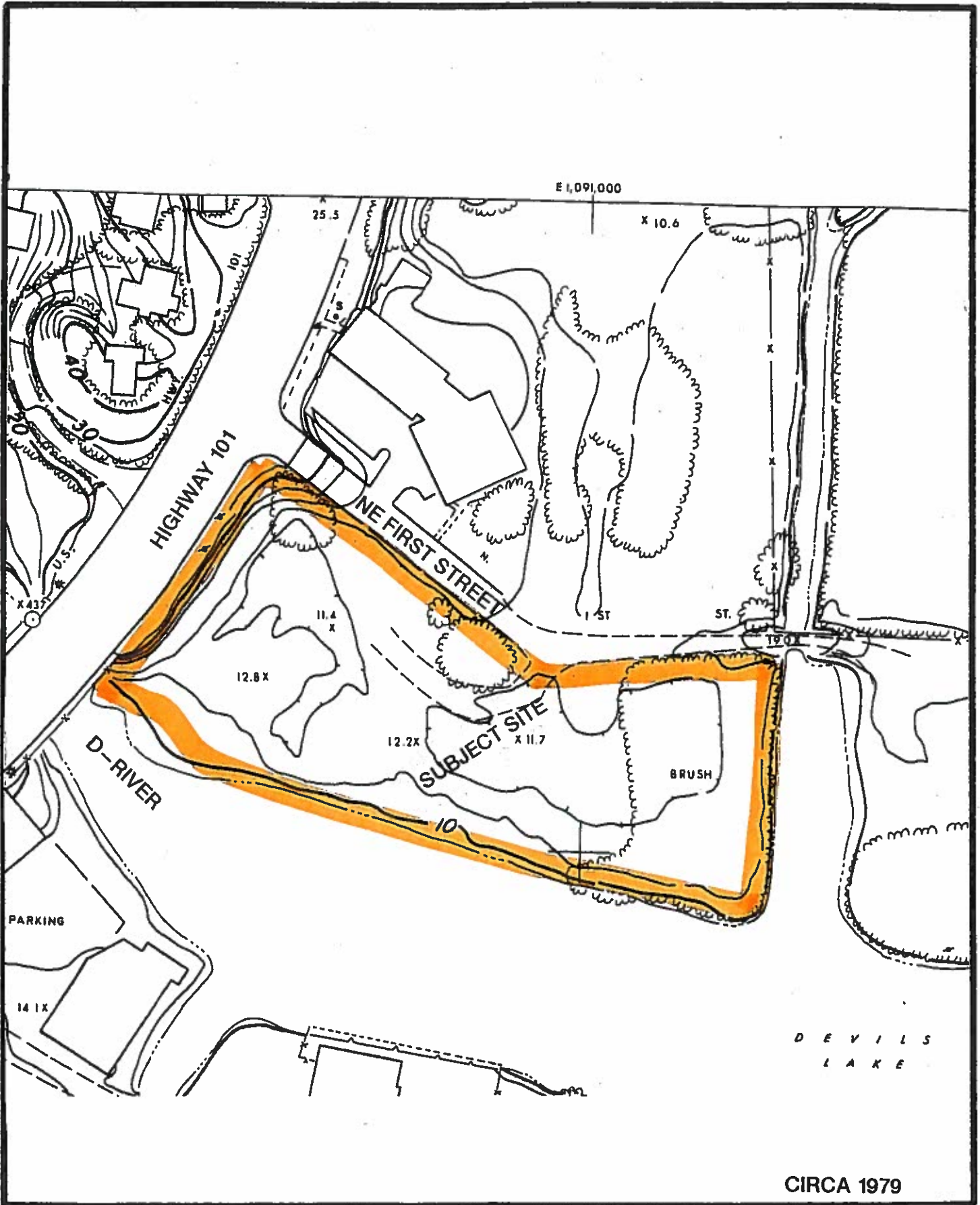


FIGURE 1 OF 10



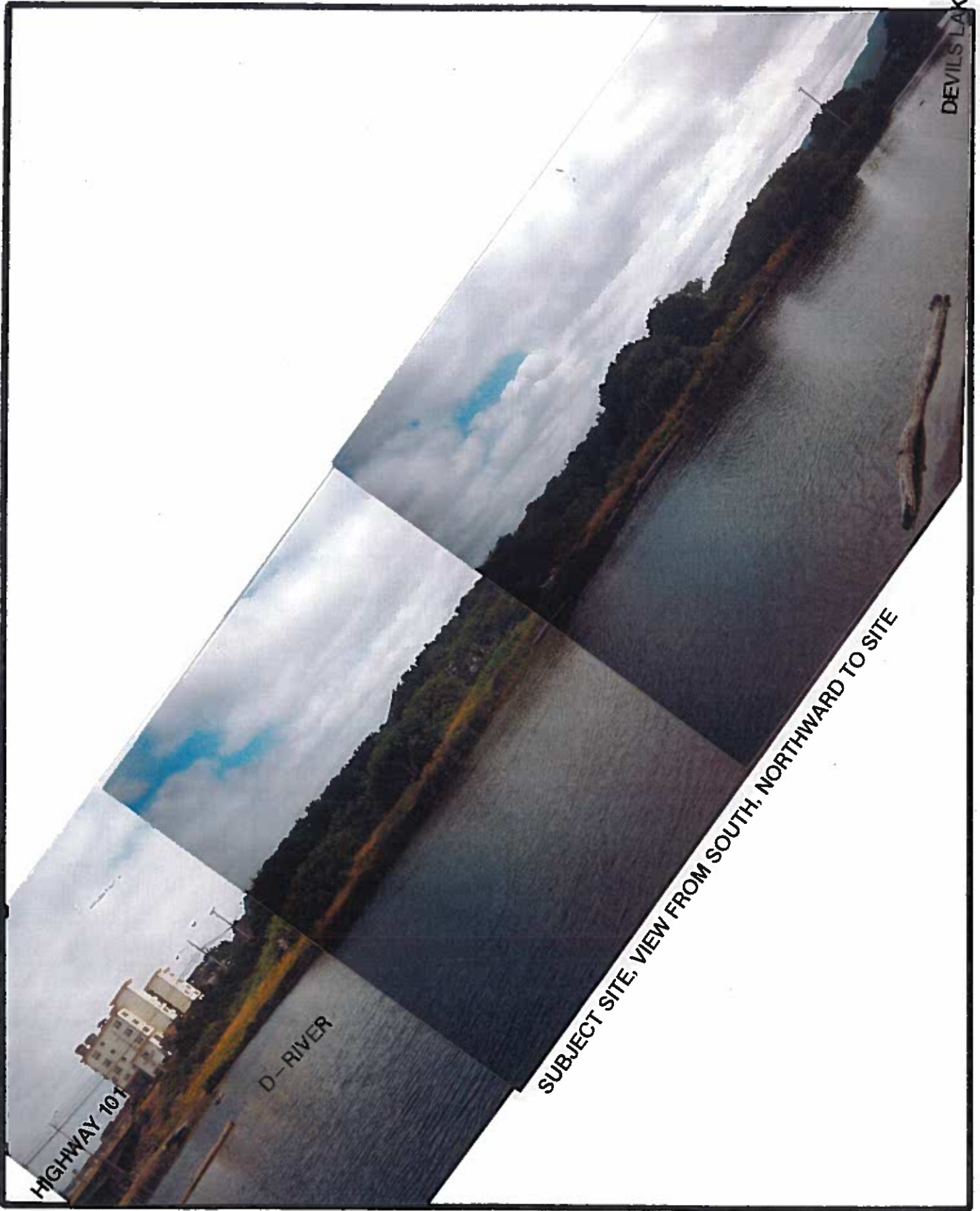
CIRCA 1979

G2  
ASSOCIATES,  
INC.

SCALE:  
100  
DATE:  
8-19-03  
DRAWN BY:  
JHG  
JOB NO:  
03-161

HEDRICK PROPERTY ASSESSMENT  
LINCOLN CITY PARKS AND RECREATION  
LINCOLN CITY, OREGON

SHEET  
2  
10  
OF



DEVILS LAKE

SUBJECT SITE, VIEW FROM SOUTH, NORTHWARD TO SITE

D-RIVER

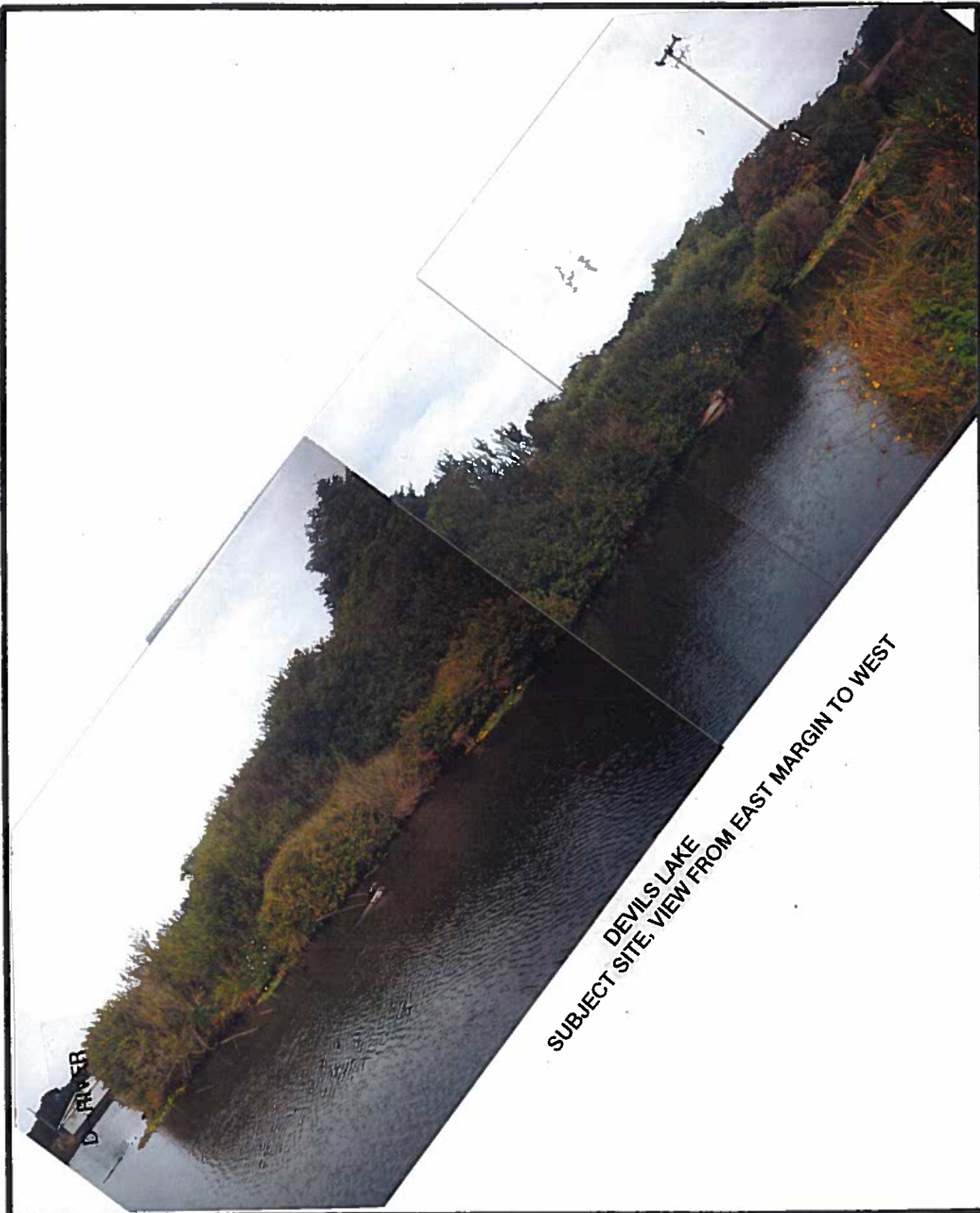
HIGHWAY 101

G2  
ASSOCIATES,  
INC.

SCALE:  
NA  
DATE:  
8-19-03  
DRAWN BY:  
JHG  
JOB NO:  
03-181

HEDRICK PROPERTY ASSESSMENT  
LINCOLN CITY PARKS AND RECREATION  
LINCOLN CITY, OREGON

SHEET  
3  
OF  
10



DEVILS LAKE  
SUBJECT SITE, VIEW FROM EAST MARGIN TO WEST

G2  
ASSOCIATES,  
INC.

SCALE:  
NA  
DATE:  
8-19-03  
DRAWN BY:  
JHG  
JOB NO:  
03-181

HEDRICK PROPERTY ASSESSMENT  
LINCOLN CITY PARKS AND RECREATION  
LINCOLN CITY, OREGON

SHEET  
4  
OF  
10



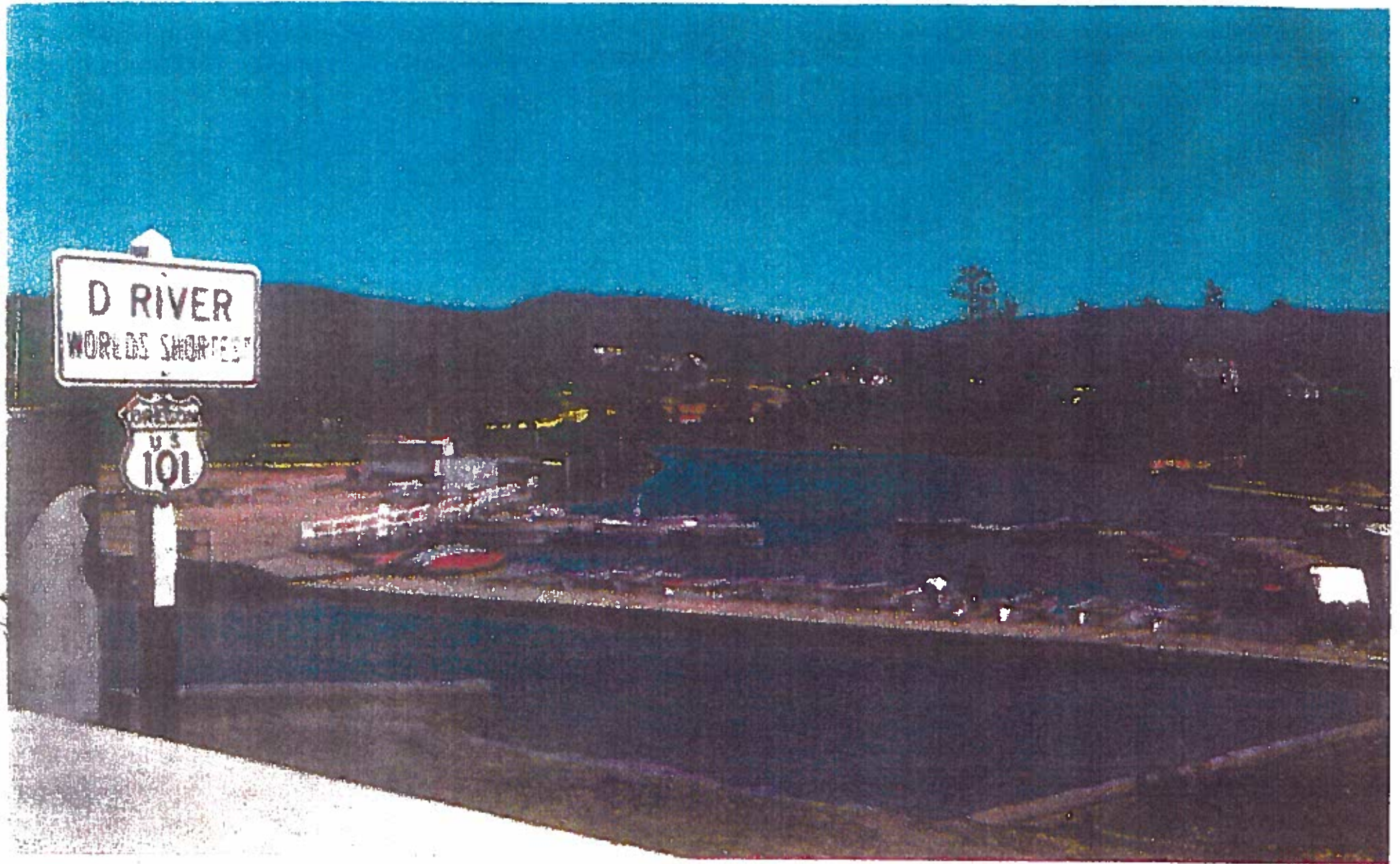
CIRCA 1996  
FIGURE 5 OF 10



1986 PHOTOGRAPH



CIRCA 1950S  
FIGURE 7 OF 10



*"D" River, Oregon Coast*

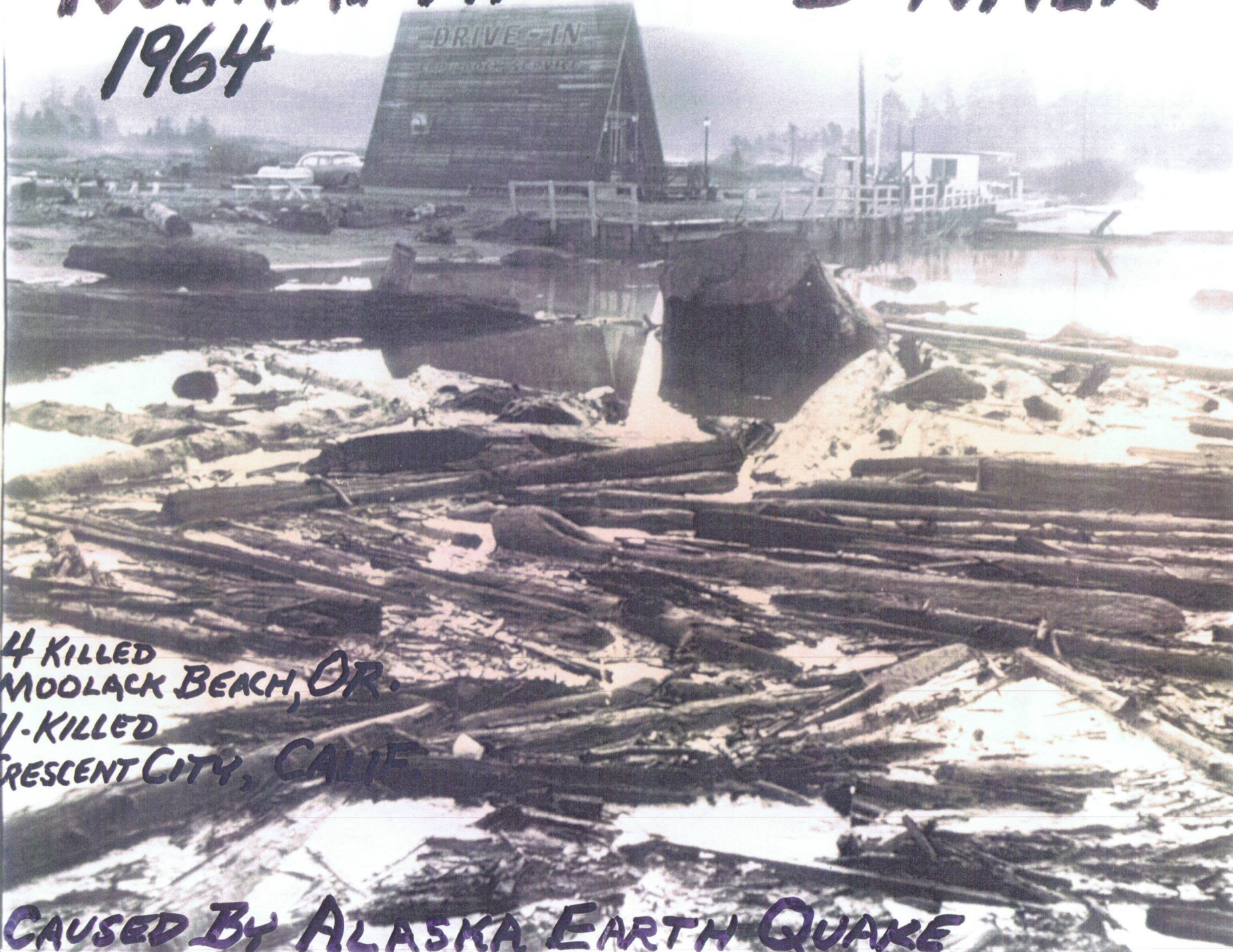
CIRCA 1950S  
FIGURE 8 OF 10



CIRCA 1950S  
FIGURE 9 OF 10

**TSUNAMI WAVE  
1964**

**D-RIVER**



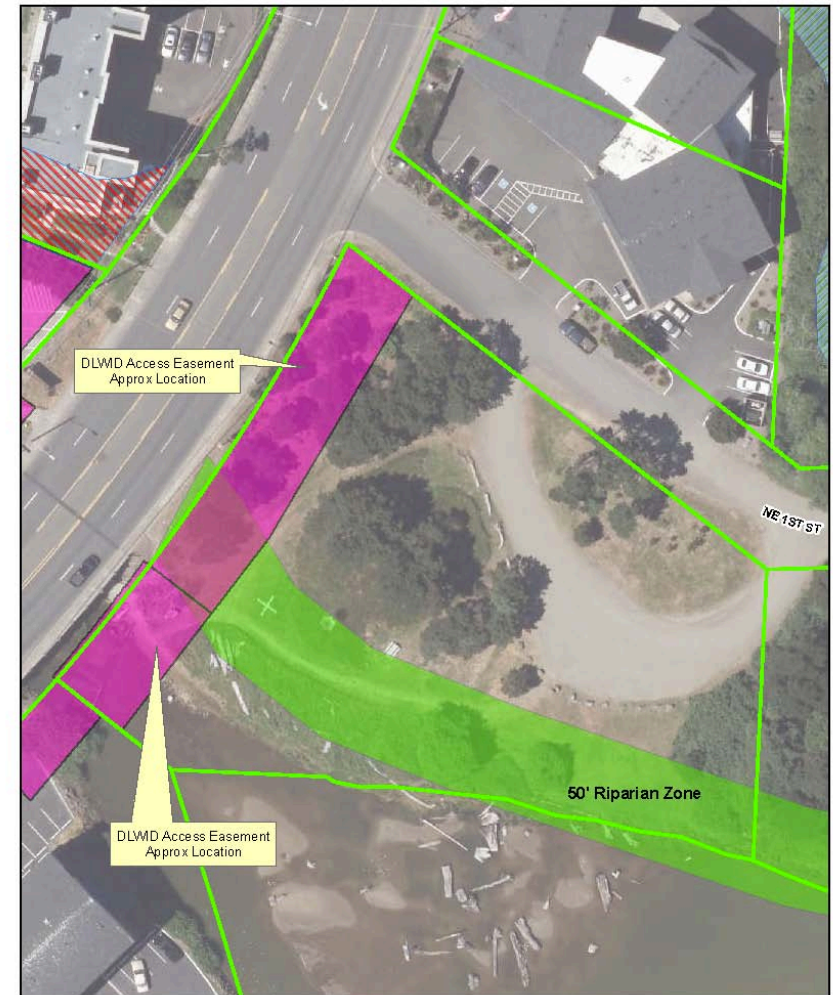
**4 KILLED  
MOOLACK BEACH, OR.  
11-KILLED  
CRESCENT CITY, CALIF.**

**CAUSED BY ALASKA EARTH QUAKE**

## DeLake: NE 1<sup>st</sup> Street / Hostetler Park (07-11-15-AC-03200)

This property is currently being used as a park.

- Urban Renewal Fund
- Size: 1.36 Acres
- Zoning: R-C (Recreation Commercial)
- UR District: Inside
- Potential use: Mixed-Use / Recreation
- Potential development hurdles:
  - Tsunami Zone
  - Significant Wetland / Riparian
- Utilities:
  - Water – Yes
  - Sewer – Yes
- Opportunity to develop Commercial / Retail Property or Mixed-Use. Capitalize on water access.



Hostetler Park Site  
Known Easements and Riparian Zone  
May 2017

