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Phase I Environmental Site Assessment

Approximate 2,000-Acre Forestland Property
Mineral, Washington

for
YMCA of Seattle

March 15, 2021



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Mineral, Washington

File No. 6565-008-00

March 15, 2021

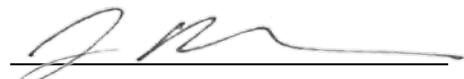
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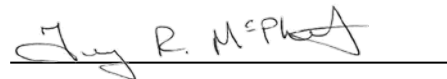
Attention: Josh Sutton

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ACRONYMS AND ABBREVIATIONS

AAI – All Appropriate Inquiries

ALLSITES – Washington State Department of Ecology Facility/Site Identification System Listing

AST – Above-ground Storage Tank

ASTM – ASTM International

BFPP – bona fide prospective purchaser

bgs – below ground surface

CDL – Clandestine Drug Lab

CERCLA – Comprehensive Environmental Response, Compensation and Liability Act

CERCLIS – Comprehensive Environmental Response, Compensation and Liability Act Information System

CREC – Controlled REC

Ecology – Washington State Department of Ecology

EPA – United States Environmental Protection Agency

ESA – Environmental Site Assessment

FINDS – Federal Records Facility Index System/Facility Registry System

HMIRS – Hazardous Materials Information Reporting System

HREC – Historical Recognized Environmental Condition

HSL – Hazardous Sites List

ICIS – Integrated Compliance Information System

ICR – Independent Cleanup Report

LG – Licensed Geologist

LUST – Leaking UST

MRSRR – Mount Rainier Scenic Railroad

MTCA – Model Toxics Control Act

NPDES – National Pollutant Discharge Elimination System

NPL – National Priorities/Superfund List

PCBs – polychlorinated biphenyls

PE – Professional Engineer

RCRA – Resource Conservation and Recovery Act

REC – Recognized Environmental Condition

USGS – United States Geological Survey

UST – Underground Storage Tank

VCP – Voluntary Cleanup Program

EXECUTIVE SUMMARY

This report summarizes the results of the All Appropriate Inquiries (AAI) Phase I Environmental Site Assessment (ESA) of the approximate 2,000-acre forestland property located near Mineral Lake, Washington. This assessment has revealed no evidence of RECs in connection with the subject property.

We note one condition of potential concern for property development:

Three historic mines are roughly mapped along Mineral Creek and the east side of the subject property in the Washington Geologic Information portal. Mining for gold and arsenic was conducted along Mineral Creek at times between 1892 and 1922 based on available information. However, no significant yields of gold were gathered from the area mines despite Mineral Creek being described as the “Eldorado of Washington” by an early mining company. Available historical information for these mines indicate only that the mines were located along the creek and do not allow for precise knowledge of the past mine locations. Therefore, these mines may or may not have been located within subject property boundaries. No evidence of past mining activities (other than relatively recent small-scale gravel mining for forest road building) was identified in the reviewed available aerial photographs or during recent site reconnaissance. Metals mining is not considered an REC because metals mining cannot be definitively identified as a historic activity at the subject property. However, we note that we cannot exclude the possibility that small-scale historic mining activities occurred at the subject property. Closure of these mine openings may be warranted for safety and liability reasons if abandoned mine tunnels or shafts are identified in the future.

This Executive Summary should be used only in the context of the full report for which it is intended.

1.0 INTRODUCTION

This report summarizes the results of our Phase I Environmental Site Assessment (ESA) of the approximate 2,000-acre forestland property located near Mineral Lake, Washington. The undeveloped property is currently owned by Forecastle Timber Company LLC and is used for timber production and harvesting. The property is referred to herein as the “subject property.” The subject property is shown relative to surrounding physical features on the Vicinity Map, Figure 1. The layout of the subject property and surrounding properties is shown on the Site Plan, Figure 2. GeoEngineers also recently completed a geotechnical engineering study for the subject property. The results of the geotechnical engineering study are provided in a separate report.

Our study was completed at the request of Josh Sutton of YMCA of Seattle. We understand that YMCA of Seattle plans to purchase the subject property. We further understand that the results of this Phase I ESA will be used by YMCA of Seattle as part of their evaluation of potential environmental liabilities associated with ownership of the subject property. This report has been prepared for the exclusive use of YMCA of Seattle. No one except the YMCA of Seattle should rely on this report without first conferring with GeoEngineers because this environmental report is not intended for use by others.

1.1. Phase I Scope of Services

The purpose of this Phase I ESA is to identify recognized environmental conditions¹ (RECs) in connection with the subject property. Our scope of services is in general accordance with ASTM International (ASTM) Standard E 2247-16 for Phase I ESAs for Forestland and Rural Property and the United States Environmental Protection Agency’s (EPA’s) Federal Regulation 40 CFR Part 312 “Standards and Practices for All Appropriate Inquiries (AAI),” which are intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser (BFPP) limitations on liability under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The ASTM standard outlines the practice that constitutes “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined by 42 U.S.C. §9601. Our services, described below, were completed in general accordance with our proposal dated March 4, 2020. These services were completed by, or under the direction of, an environmental professional as described in 40 CFR Part 312.

¹ Recognized environmental conditions are defined in ASTM E 2247-16 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. *De minimis* conditions are not recognized environmental conditions.”

Our specific scope of services for this Phase I ESA was as follows:

1. Review readily available geotechnical reports, environmental reports and/or other relevant documents pertaining to environmental conditions at the subject property.
2. Review the results of a federal, state, local and tribal environmental database search provided by an outside environmental data service for listings of properties with known or suspected environmental concerns on or near the subject property within the search distances specified by ASTM. Our database and file review search also included a review of EPA and Washington State Department of Ecology (Ecology) websites for readily available information (publications and reports) concerning area-wide soil and groundwater contamination on or adjacent to the subject property.
3. Review regulatory agency files regarding listed properties of potential environmental concern relative to the subject property.
4. Identify a key site manager with specific knowledge of past and present property use and request that the key site manager meet a GeoEngineers' representative on-site for an interview during the visual site reconnaissance and/or an interview by telephone if he or she is not available during the site reconnaissance. We also identified and interviewed others familiar with the use and history of the subject property, as available and appropriate, including representatives of current occupants that likely use, store, treat, handle or dispose of hazardous substances now or in the past.
5. Interview current owners or occupants of neighboring properties as necessary to gather information or fill property use data gaps regarding the subject property.
6. Interview past owners and occupants of the subject property as necessary to gather information or fill property use data gaps regarding property use history.
7. Interview a representative of the local fire department, health department and/or Ecology as necessary to gather information or fill data gaps regarding the history of the subject property and surrounding properties relative to the likely presence of hazardous substances.
8. Review historical aerial photographs, fire insurance maps, building department records, city directories, chain-of-title reports, and land use and tax assessor records, as available and appropriate, to identify past development history on and adjacent to the subject property relative to the possible use, generation, storage, release or disposal of hazardous substances. We attempted to identify uses of the subject property from the present back to the time that records show no apparent structures on the subject property, back to the time that the property was first used for residential, agricultural, commercial, industrial or governmental purposes, or back to 1940, whichever is earliest.
9. Review current United States Geological Survey (USGS) topographic maps to identify the physiographic setting of the subject property and provide a statement on the local geologic, soil and groundwater conditions based on our general experience and sources such as geologic maps and soil surveys.
10. Conduct a visual reconnaissance of the subject property and adjacent properties to identify visible evidence of RECs.
11. Identify the source(s) of potable water for the subject property and current heating and sewage disposal system(s) used at the subject property, if any, and their age if readily ascertainable.
12. Identify data gaps relative to the Phase I ESA study findings.

13. Provide a written summary of the Phase I ESA results and identified RECs, if present, along with our opinion and recommendations regarding the potential for contamination by hazardous substances at the subject property and any significant data gaps identified.

1.2. Special Considerations

Our scope of services did not include an environmental compliance audit or an evaluation for the presence of lead-based paint, toxic mold, polychlorinated biphenyls (PCBs) in light ballasts, radon, lead in drinking water, asbestos-containing building materials, urea-formaldehyde insulation in on-site structures or debris or other potentially hazardous building materials. Soil, groundwater, soil vapor, indoor air or surface water sampling was not part of our Phase I ESA services.

2.0 USER-PROVIDED INFORMATION

We did not receive any responses to a user questionnaire, a copy of which is provided in Appendix A. The questionnaire can be used to obtain user-provided information (for example, title records, environmental liens, specialized knowledge of the subject property, etc.) that may specify findings/conditions that may pose potential environmental concerns or RECs relative to the subject property. The absence of this information is a data gap that may pose an environmental concern to the subject property if the property has been subject to environmental liens, restrictive covenants, or other similar encumbrances. However, we note that none of these encumbrances were identified during the Phase I ESA research.

2.1. Environmental Liens or Property Use Restrictions

We did not identify any recorded environmental liens for the property based on our review of the March 23, 2020 Environmental Data Resources, Inc. (EDR) Environmental Lien Search Report, and other Phase I ESA research findings.

2.2. Summary of Previous Reports Provided by YMCA of Seattle

One previous environmental report for the subject property was provided for our review.

Geotechnical Testing Lab, 2002. Level 1 Environmental Assessment, Mineral Lake Block near Elbe, Washington. Prepared for Forecastle Timber Company LLC, dated December 18, 2002.

The 2002 Geotechnical Testing Lab report was prepared for a previous property transaction. The 2002 report did not identify any prior subject property uses other than timber growth and harvesting. No RECs were identified in the 2002 report. A copy of the 2002 report is included in Appendix D.

3.0 RECORDS REVIEW

3.1. Location and Setting

General information, property use(s) and environmental setting of the subject property area are summarized in Table I below. The location is shown relative to surrounding physical features in Figure 1. The current layout of the subject property and surrounding property uses are shown in Figure 2. Photographs of the subject property are shown in Figure 3.

TABLE I. SUBJECT PROPERTY INFORMATION

Topographic Map	USGS, 7.5-minute Elbe and Mineral, Washington topographic quadrangle maps dated 2013.
Section, Township and Range	Sections 2, 3, 4, and 10 North, Township 14 North, Range 5 East, and Sections 26, 27, 28, 33, 34, and 35, Township 15 North, Range 5 East, Willamette Meridian
Address	No street address is established. The property is accessed off Mineral Hill Road near Mineral, Washington
General Location	The property bounds the northern half of Mineral Lake in the area southeast of the intersection of State Route 7 and State Route 706
Tax Parcel Number	The subject property includes numerous Lewis County parcels as identified in Appendix A. The parcels are generally grouped into four lots (Lots A through D). Lots B and D are designated forest reserve. Lots A and C include multiple smaller individual lots.
Approximate Area	2,000 acres
Existing Use(s)	Undeveloped forestland
Geologic Setting	Central Cascades foothills
Nearest Surface Water Bodies	Mineral Lake bounds the south side of the subject property and Nisqually River bounds the north side of the subject property. Mineral Creek is located along the east boundary of the property. Intermittent streams are located within subject property boundaries.
Approximate Surface Elevation	Surface elevation across the property is highly variable and ranges from approximately 1,300 feet to 2,600 feet above sea level, North American Vertical Datum of 1988 (NAVD 88)
Soil and Geologic Conditions	Variable conditions that include tertiary volcanic rocks, alpine glacial drift, mass-wasting deposits, and tertiary sedimentary deposits.
Depth to Groundwater	Discontinuous zones of groundwater may be encountered within 50 feet of ground surface across most of the property.
Inferred Direction of Shallow Groundwater Flow	Variable groundwater flow based on wide range of mountain topography. In general groundwater follows topography and flows downhill toward adjacent lakes and streams.

Our knowledge of the general physiographic setting, geology and groundwater occurrence in the vicinity of the subject property is based on our review of the maps listed above (see References, Section 6.6), previous reports regarding the subject property (See References, Section 2.2), our recent geotechnical explorations at the subject property, and our general experience in the area.

3.2. Standard Environmental Database Search

GeoEngineers reviewed the results of a search of pertinent environmental regulatory lists and databases for current or previous facilities listed at addresses located within ASTM-specified distances from the subject property. The search was performed on October 13, 2020. The information reviewed was provided by a subcontracted regulatory list search service, EDR. The EDR report is presented in Appendix B. The report includes details regarding the listed facilities identified and maps showing the approximate locations of the listed facilities relative to the subject property.

GeoEngineers reviewed the search results for listings pertaining to the subject property. GeoEngineers also reviewed EDR's listing of database entries that could not be mapped by EDR because of insufficient addresses (orphans). Off-site facilities found within the specified distances from the subject property were evaluated for potential impact to the subject property.

3.2.1. Database and Regulatory Findings for the Subject Property

Addresses indicative of the subject property address were not identified on the regulatory database lists or on EDR's proprietary databases of historic service stations, auto repair and dry cleaners.

3.2.2. Screening Criteria for other Listed Facilities

We screened the listed facilities within the ASTM search distances relative to the criteria described below. The results of the screening are presented in Section 3.2.3.

1. Adjacent Sites

- a. If adjacent sites were listed, they were retained for additional review. Any adjacent properties identified on EDR's proprietary databases of historic dry cleaner or automotive service station sites but not on regulatory databases are discussed in Section 3.4.

2. Non-Adjacent Sites

- a. Any non-adjacent sites included in the EDR report only by virtue of being listed in the RCRA, AST, UST, HMIRS, FINDS, ALLSITES, ICIS and/or NPDES databases (see list of acronyms on page iii) were not further reviewed because these databases are not indicative of known or suspected releases at a site. Sites listed in these databases only are considered low risk of contaminant migration and not potential RECs.
- b. A screening radius of approximately ¼-mile was used to identify listed non-adjacent sites potentially warranting further review based on our knowledge of soil and groundwater conditions at the subject property. Specifically, sites within approximately ½-mile of the subject property and upgradient or cross-gradient that were listed in the Federal, State or Tribal Equivalent databases of CERCLIS, NPL, HSL, CSCSL, CSCSL NFA, VCP, ICR, Solid Waste Landfill, LUST, CDL, or Institutional Control Registries (see acronyms and abbreviations) were further reviewed because these databases indicate a reported known or suspected release at a site. We requested Ecology files for listed sites on these databases.
- c. Sites that were not confirmed or suspected contaminated sites, not leaking UST sites or located outside a 1/4-mile radius from the subject property were generally considered low risk of contaminant migration and not potential RECs.

3.2.3. Database and Regulatory Findings for Screened Listed Facilities

The following database-listed site(s) (Table 2) met the screening criteria described above. We requested Ecology files for the indicated sites (Section 3.3).

TABLE 2. LISTED FACILITIES OF POTENTIAL CONCERN FOR CONTAMINANT MIGRATION

Listed Business	Listed Address	Distance from Site and Location	Type of Database and Database Information	Environmental Professional Opinion Based on Database Information
Mount Rainier Scenic Railroad Mineral Shop	349 Mineral Creek Road	Adjacent south (downgradient/crossgradient)	CSCSL Petroleum products are suspected in site soil and groundwater. The site status is listed as “awaiting cleanup.”	See Section 3.3.1.

3.3. Regulatory Agency File and Records Review

GeoEngineers requested reasonably ascertainable, pertinent records from Ecology and Lewis County Health.

3.3.1. Review of State Regulatory Agency Files

Ecology does not maintain a file for the subject property.

We reviewed available Ecology files for the Mount Rainier Scenic Railroad Mineral Shop site located south-adjacent (downgradient/crossgradient) to Tract C of the subject property. Available Ecology file documents indicate that the Mount Rainier Scenic Railroad (MRSRR) used the property for train maintenance and storage since the 1980s. In the mid-2000s, areas of petroleum staining in soil were identified at the site related to past locomotive maintenance activities and incidental spills. According to a Lewis County investigator in 2006, “the ground contamination is not extensive or pervasive,” but that because “the listing of the site will provide motivation for management to take corrective action” it was recommended that the site be included on the CSCSL list. This site is not considered a REC to the subject property based on cross-to down-gradient distance of the subject site to the likely areas of surface impact at the MRSRR site.

We did not review additional files for facilities listed in Appendix B because we did not identify additional listed facilities that could pose a REC to the subject property.

3.3.2. Review of Local Regulatory Agency Files

Lewis County Health has not yet responded to our request for information as of the completion of this report. However, this data gap is considered low significance because no development is known for the subject property for which the Health Department would maintain records.

3.3.3. Area-wide Contamination

We also conducted a search of Ecology and EPA websites for readily available information (publications and reports) that may concern area-wide soil and groundwater contamination on or adjacent to the subject property. Area-wide contamination reports pertaining to the subject property vicinity were not identified.

3.4. Historical Resources

Our understanding of the history of the subject property is based on a review of the information from the historical resources listed in Table II. Selected historical research documents are included in Appendix C.

TABLE II. HISTORICAL RESOURCES REVIEWED

Description	Provider or Interviewee	Dates of Coverage or Dates of Knowledge of the Property	Date Reviewed or Contacted	Comment (See Section 3.4.1 for findings)
Historical Aerial Photographs ¹	EDR Search	1941, 1952, 1968, 1975, 1980, 1994, 2009, 2013, and 2017	March 17, 2020	--
Historical Aerial Photographs ¹	Google Earth	1989, 1994, 2003, 2005, 2006, 2009, 2010, 2011, 2012, 2014, 2017, and 2018	November 11, 2020	--
Historical Aerial Photographs ¹	Lewis County GIS Web Map	1996, 2003, 2006, 2008, 2009, 2011, 2013, 2015, 2016, and 2019	November 11, 2020	--
Historical Fire Insurance Maps	EDR search of Sanborn maps	No coverage	March 17, 2020	Sanborn maps do not cover the subject property area.
Historical Topographic Maps ¹	EDR search of USGS topographic maps	1937, 1956, 1987, 1993, 1998, and 2013	March 17, 2020	--
City Directory Search	EDR	Approximate 5-year intervals, 1989 to 2008	March 30, 2020	--
Property Tax Map	EDR	Recent	March 17, 2020	No coverage.
County Assessor Records	Lewis County Parcel Search	Recent	November 11, 2020	--
Building Permits	EDR Building Permit Report	Recent	March 17, 2020	No building permits were identified for the property.
City Building Permits and Records	Lewis County Online Permit Search	1848 to present	November 12, 2020	--
Historic Mine Documents	Washington Geologic Information Portal	Recent	November 10, 2020	--
Prospectus of the Eureka Mining Company	Washington State Historical Society	1892	November 10, 2020	--

Notes:

¹ The scale of the maps/photographs reviewed allowed for an interpretation of general property development/configuration, such as identifying most structures, roadways and clearings. However, the scale of the maps/photographs did not allow for identification of specific property features, such as fuel pumps, wells or chemical storage areas on the subject property, if any.

3.4.1. Historical Property Ownership and Use Summary

The subject property appears as primarily forestland with occasional patches of clearing and regrowth in the available aerial photographs dated 1941 through 2019. Forest roads across the property are first visible in the 1980 aerial photograph. No structures are visible on the subject property in any of the available aerial photographs.

Forecastle Timber Company, LLC purchased the subject property from The Weyerhaeuser Company in 2002 based on information provided on the Lewis County GIS Web Map information website. Ownership information prior to 2002 was not included in the available historical resources.

Three historic mines are roughly mapped along Mineral Creek and the east side of the subject property in the Washington Geologic Information portal. Mining for gold and arsenic was conducted along Mineral Creek at times between 1892 and 1922 based on available information. However, no significant yields of gold were gathered from the area mines despite Mineral Creek being described as the “Eldorado of Washington” by an early mining company. Available historical information for these mines indicate only that the mines were located along the creek and do not allow for precise knowledge of the past mine locations. Therefore, these mines may or may not have been located within subject property boundaries. No evidence of past mining activities was identified in the reviewed available aerial photographs.

3.4.2. Adjacent Properties

Most of the surrounding properties appear to be undeveloped commercial forest tracts with occasional patches of clearing and regrowth going back at least to the 1940s.

North. The Nisqually River runs along the northern portion of the subject property. Rural residential and farmland properties are located on the northwest portion of the subject property beginning in the 1996 aerial photograph.

East. Railroad tracks and Mineral Creek run along the eastern perimeter of the property. The southern portion of the land east of the creek appears to be cleared pasture land in the available aerial photographs. Evidence of timber harvesting on the northeastern side of the subject property is not apparent in all available photographs from 1941 to 2019.

South. Mineral Lake is located adjacent to the southern section of the subject property. The town of Mineral is situated south of the lake. The MRSRR site (see Section 3.3) is visible as a timber storage yard in the 1968 to 1980 aerial photographs. The timber piles appear to have been removed in the 1994 aerial photograph. MRSRR site appears to be sparsely used for train storage or maintenance in the 1994 to most recent aerial photographs.

West. Mineral Hill Road runs along the western side of the property. Properties west of the road appear to be undeveloped commercial forest tracts with occasional patches of clearing and regrowth in the reviewed available aerial photographs.

No adjacent or nearby properties are listed in EDR’s database of historic dry cleaner or automobile repair and services facilities.

4.0 SITE RECONNAISSANCE

4.1. Subject Property Observations

A representative of GeoEngineers (Jessica Robertson, LG) performed a visual reconnaissance of the subject property on March 18, 2020 and November 6, 2020. Our interview with property owner and Key Site Manager Phil Blake was conducted by phone and is summarized in Section 4.0.

The subject property was accessed from a gated driveway off Mineral Hill Road. Gravel forest access roads across the property were traversed by car to review representative areas of the property. Our visual reconnaissance focused on areas where hazardous substance use, storage, and/or disposal was likely based on our experience.

Table III below summarizes conditions observed during our site reconnaissance. The approximate locations of the observed features discussed in this section are shown in Figure 2. Photographs of the subject property were taken to document observations made during our reconnaissance. Photographs of the subject property are presented in Figure 3.

TABLE III. SUMMARY OF SITE RECONNAISSANCE OBSERVATIONS

Features	Observed		Comment
	Yes	No	
Current Uses and Existing Structures		X	Portions of the subject property show evidence of recent timber harvesting. No structures are located on the property.
Evidence of Past Uses and Former Structures		X	Two small and partially overgrown gravel pits were observed and are evidence of past forest roadbuilding on the property. No evidence of historic metals mining was observed.
Heating/Cooling System		X	
Floor Drains, Sumps or Drywells		X	
Aboveground Storage Tanks (ASTs)		X	
Underground Storage Tanks (USTs) or Evidence of USTs		X	
Drums or Other Containers	X		Approximately six 55-gallon drums were observed to be stored in one timber landing. The drums appeared to be modified for possible use as game feeders and were clean and unstained.
Identified Hazardous Substances and Petroleum Products (other than drums noted above or <i>de minimis</i> quantities of cleaning products)		X	
Unidentified Substances or Containers		X	
Evidence of Leaks, Spills or Releases Surrounding ASTs, USTs and/or Chemical Storage Areas		X	

Features	Observed		Comment
	Yes	No	
Stained or Corroded Floors, Walls or Drains (other than the above or apparent water stains or minor oil stains on pavement from parked vehicles)		X	
Hydraulic Hoists		X	
Oil/Water Separators		X	
Electric or Hydraulic Equipment Containing PCBs		X	
Discolored, Stained, or Stressed Soil or Vegetation Potentially from Hazardous Substances		X	
Solid Waste		X	
On-site Septic or Sewage Disposal System		X	
Potable Water Supply		X	
Standing Water or Other Pooled Liquids		X	
Catch Basins, Stormwater Drainage, or other Wastewater Discharges		X	
Pits/Ponds/Lagoons		X	
Strong, Pungent or Noxious Odors		X	
Water Wells (agricultural, domestic, monitoring)	X		Stand-pipe wells for geologic and geotechnical observation were observed in isolated locations on the subject property.
Other Conditions of Environmental Concern		X	

4.2. Adjacent Property and Vicinity Observations

We viewed properties located adjacent to and surrounding the subject property on March 18, 2020 and November 6, 2020 from accessible public rights-of-way and the subject property. We did not enter adjacent properties or buildings. The subject property generally is situated in an area that is a commercial forest tract. Table IV below outlines adjacent land uses and pertinent observations with respect to conditions that could pose a REC on the subject property. Any visual evidence or indications of prior uses of adjacent properties that would be considered a REC are noted in the table below. Figure 2 shows adjacent property uses and locations in relation to the subject property.

TABLE IV. ADJOINING STREETS AND ADJACENT PROPERTIES OBSERVATIONS

Direction	Adjoining Street	Position Relative to Subject Property ¹	Adjacent Property and Use	Comments
North	None	Downgradient	Nisqually River, rural residential and farmland to the northwest.	--
South	None	Downgradient	Mineral Lake and Mount Rainier Scenic Railroad shop property south-adjacent to Lot C.	--
East	None	Downgradient	Rural residential and undeveloped forestland.	--
West	None	Crossgradient	Undeveloped forestland.	--

Note:

¹ The inferred shallow groundwater flow direction in the vicinity of the subject property is variable depending on local topography and flows downhill toward adjacent surface water bodies as described in Section 3.1.

5.0 INTERVIEWS

Our understanding of the history of the subject property presented in Section 3.0 is partially based on interviews with the individuals listed in Table V. Pertinent historical findings from interviews have also been integrated into Section 3.4 above.

TABLE V. PERSONS INTERVIEWED

Agency Description	Provider or Interviewee	Dates of Coverage or Dates of Knowledge of the Property	Date Reviewed or Contacted	Comment
Key Site Manager/ Current Owner	Phil Blake, Forecastle Timber Company, LLC	2002 to Present	10/16/2020	--
Interview	Lewis County Health	Recent	10/16/2020	--

5.1. Interview with the Key Site Manager

A GeoEngineers, Inc. representative interviewed Phil Blake, property owner, by telephone on October 16, 2020. Mr. Blake is considered a “key site manager” for the purposes of this Phase I ESA. Mr. Blake stated that the property has only been used for timber harvesting and he has no knowledge of past mining activities in the area. Mr. Blake has no knowledge of USTs, spills, releases, or other use or storage of hazardous materials at the subject property.

5.2. Interviews with Local Government Officials

We contacted Lewis County Health regarding records regarding hazardous materials or septic systems at the subject property. Lewis County Health has not yet responded to our request for information as of the

completion of this report. However, this data gap is considered low significance because no development is known for the subject property for which the Health Department would maintain records.

6.0 EVALUATION

6.1. Findings and Opinion

The following general findings were identified in connection with the subject property:

- The subject property has been undeveloped and used for timber harvesting since at least the 1940s. The available resources do not indicate any known use, storage, or release of significant quantities of hazardous materials or petroleum products at the subject property.
- No adjacent or nearby properties have been identified as potential sources for contamination that could affect the subject property.
- Three historic mines are roughly mapped along Mineral Creek and the east side of the subject property in the Washington Geologic Information portal. Mining for gold and arsenic was conducted along Mineral Creek at times between 1892 and 1922 based on available information. However, no significant yields of gold were gathered from the area mines despite Mineral Creek being described as the “Eldorado of Washington” by an early mining company. Available historical information for these mines indicate only that the mines were located along the creek and do not allow for precise knowledge of the past mine locations. Therefore, these mines may or may not have been located within subject property boundaries. No evidence of past mining activities (other than relatively recent small-scale gravel mining for forest road building) was identified in the reviewed available aerial photographs or during recent site reconnaissance. Metals mining is not considered an REC because metals mining cannot be definitively identified as a historic activity at the subject property. However, we note that we cannot exclude the possibility that small-scale historic mining activities occurred at the subject property.

6.2. Data Gaps

Significant data gaps were not identified by this study.

6.3. Conclusions

GeoEngineers has performed a Phase I ESA in general conformance with the scope and limitations of ASTM Practice E 2247-16 of the approximately 2,000-acre forestland property located near Mineral Lake, Washington. Exceptions to, or deletions from, this practice are described in Section 1.2 of this report. This assessment has revealed no evidence of RECs in connection with the subject property.

We note one condition of potential concern for property development:

Three historic mines are roughly mapped along Mineral Creek and the east side of the subject property in the Washington Geologic Information portal. Mining for gold and arsenic was conducted along Mineral Creek at times between 1892 and 1922 based on available information. However, no significant yields of gold were gathered from the area mines despite Mineral Creek being described as the “Eldorado of Washington” by an early mining company. Available historical information for these mines indicate only that the mines were located along the creek and do not allow for precise knowledge of the past mine locations.

Therefore, these mines may or may not have been located within subject property boundaries. No evidence of past mining activities (other than relatively recent small-scale gravel mining for forest road building) was identified in the reviewed available aerial photographs or during recent site reconnaissance. Metals mining is not considered an REC because metals mining cannot be definitively identified as a historic activity at the subject property. However, we note that we cannot exclude the possibility that small-scale historic mining activities occurred at the subject property. Closure of these mine openings may be warranted for safety and liability reasons if abandoned mine tunnels or shafts are identified in the future.

7.0 LIMITATIONS AND GUIDELINES FOR USE

These Limitations provide information to help you manage your risks with respect to the use of this report. Some clients, design professionals and contractors may not recognize that the geoscience practices (geotechnical engineering, geology and environmental science) are far less exact than other engineering and natural science disciplines. This lack of understanding can create unrealistic expectations that could lead to disappointments, claims and disputes. GeoEngineers includes these explanatory “limitations” provisions in our reports to help reduce such risks. Please confer with GeoEngineers if you are unclear how these “Report Limitations and Guidelines for Use” apply to your project or site.

7.1 Standard Limitations

This Phase I ESA has been prepared for use by YMCA of Seattle. GeoEngineers has performed this Phase I ESA of the Mineral Lake YMCA the approximately 2,000-acre privately owned, commercial forest tract located at the north end of Mineral Lake, Washington in general accordance with the scope and limitations of our proposal dated March 4, 2020 and ASTM International (ASTM) E 2247-16 for Phase I ESAs for Forestland and Rural Property and EPA’s Federal Standard 40 CFR Part 312 “Standards and Practices for All Appropriate Inquiries (AAI).” This report has been prepared for the exclusive use of YMCA of Seattle and their clients. This report is not intended for use by others, and the information contained herein is not applicable to other properties. Our report was prepared for the exclusive use of our Client. No other party may rely on the product of our services unless we agree in advance to such reliance in writing. This is to provide our firm with reasonable protection against open-ended liability claims by third parties with whom there would otherwise be no contractual limits to their actions.

Within the limitations of scope, schedule and budget, our services have been executed in accordance with the generally accepted environmental science practices for Phase I ESAs in this area at the time this report was prepared. No warranty or other conditions express or implied, should be understood.

Any electronic form, facsimile or hard copy of the original document (email, text, table, and/or figure), if provided, and any attachments are only a copy of the original document. The original document is stored by GeoEngineers, Inc. and will serve as the official document of record.

7.2. Special Limitations

GeoEngineers structures our services to meet the specific needs of our clients. For example, an environmental site assessment study conducted for a property owner or lessee may not fulfill the needs of a prospective purchaser of the same property. Because each environmental study is unique, each environmental report is unique, prepared solely for the specific client and project property. This report should not be applied for any purpose or project except the one originally contemplated. GeoEngineers

considered a number of unique, project-specific factors when establishing the scope of services for this project and report. Unless GeoEngineers specifically indicates otherwise, do not rely on this report if it was:

- not prepared for you,
- not prepared for your project,
- not prepared for the specific property explored, or
- completed before important project changes were made.

If important changes are made to the project or subject property after the date of this report, GeoEngineers should be retained to review our interpretations and recommendations and to provide written modifications or confirmation, as appropriate.

GeoEngineers makes no warranties or guarantees regarding the accuracy or completeness of information provided or compiled by others. The information presented in this report is based on the above-described research and a single recent site visit. GeoEngineers has relied upon information provided by others in our description of historical conditions and in our review of regulatory databases and files. The available data do not provide definitive information with regard to all past uses, operations or incidents at the subject property or adjacent properties.

No ESA can wholly eliminate uncertainty regarding the potential for recognized environmental conditions (RECs) in connection with a property. Performance of an ESA study is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property. There is always a potential that areas with contamination that were not identified during this Phase I ESA exist at the subject property or in the study area. Further evaluation of such potential would require additional research, subsurface exploration, sampling and/or testing.

Some substances may be present in the vicinity of the subject property in quantities or under conditions that may have led, or may lead, to contamination of the subject property, but are not included in current local, state or federal regulatory definitions of hazardous substances or do not otherwise present current potential liability. GeoEngineers cannot be responsible if the standards for appropriate inquiry, or regulatory definitions of hazardous substance, change or if more stringent environmental standards are developed in the future.

This environmental report is based on conditions that existed at the time the study was performed. The findings and conclusions of this report may be affected by the passage of time (for example, a Phase I ESA report is typically applicable for 180 days), by events such as a change in property use or occupancy, or by natural events, such as floods, earthquakes, slope instability or groundwater fluctuations. If more than six months have passed since issuance of our report or work product, or if any of the described events may have occurred, please contact GeoEngineers before applying this report so that we may evaluate whether changed conditions affect the continued reliability or applicability of our conclusions and recommendations.

The equipment, techniques and personnel used to perform an environmental study differ significantly from those used to perform a geotechnical or geologic study and vice versa. For that reason, a geotechnical engineering or geologic report does not usually relate any environmental findings, conclusions or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated

contaminants. Similarly, environmental reports are not used to address geotechnical or geologic concerns regarding a specific project.

GeoEngineers' Scope of Work specifically excludes the investigation, detection, prevention or assessment of the presence of Biological Pollutants. Accordingly, this report does not include any interpretations, recommendations, findings, or conclusions regarding the detecting, assessing, preventing or abating of Biological Pollutants and no conclusions or inferences should be drawn regarding Biological Pollutants, as they may relate to this project. The term "Biological Pollutants" includes, but is not limited to, molds, fungi, spores, bacteria, and viruses, and/or any of their byproducts. If Client desires these specialized services, they should be obtained from a consultant who offers services in this specialized field.

We appreciate the opportunity to be of service to Seattle of YMCA. Please call if you require more information or have questions regarding this report.

8.0 REFERENCES

ASTM International (ASTM) Standard E 2247-16 for Phase I ESAs for Forestland and Rural Property.

Environmental Data Resources, Inc. (EDR). 2019. EDR Radius Map report dated October 13, 2020 (comprehensive environmental database report, including Ecology and EPA databases).

EDR Building Permit Report dated March 17, 2020.

EDR Corporation (EDR) Historical Aerial Photo Decade Package, March 17, 2020.

EDR City Directory Abstract, October 13, 2020.

EDR Historical Topo Map Report, March 17, 2020.

EDR Property Tax Map Report, March 17, 2020.

EDR Sanborn Map Report, March 17, 2020.

Geotechnical Testing Lab, 2002. "Level 1 Environmental Assessment, Mineral Lake Block near Elbe, Washington" dated December 18, 2002.

Google Earth Historical Imagery accessed November 11, 2020.

Hunting, Marshall T., 1956. Washington State Department of Conservation and Development, Division of Mines and Geology, *Bulletin No. 37 Inventory of Washington Minerals Mining Claims, Part II Metallic Minerals, Volume 1*, 1956.

Eureka Mining Company, 1892. *Prospectus of the Eureka Mining Company*, Mineral Creek, Washington, Main office: Tacoma Washington. Printer: F. T. Houghton & Company, 1892.

Lewis County GIS Web Map accessed November 11, 2020.

Pringle, Patrick. 2008. *Roadside Geology of Mount Rainier National Park and Vicinity*. Washington Division of Geology and Earth Sciences, 2008.

U.S. Environmental Protection Agency (EPA) Federal Standard 40 CFR Part 312 “Standards and Practices for All Appropriate Inquiries (AAI).

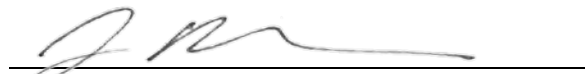
Washington Geologic Information Portal. Accessed November 10, 2020. <https://geologyportal.dnr.wa.gov/>.

9.0 STATEMENT AND SIGNATURES OF ENVIRONMENTAL PROFESSIONAL

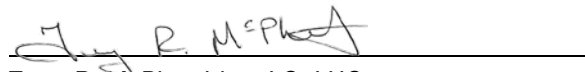
"I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Sec. 312.10 of 40 CFR Part 312."*

"I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."**

**A person who does not qualify as an Environmental Professional may assist in the conduct of all appropriate inquiries in accordance with ASTM E 1527-13, if such person is under the supervision or responsible charge of a person meeting the definition of an environmental professional when conducting such activities.*



Jessica Robertson, LG
Environmental Geologist

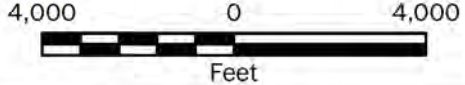


Terry R. McPhetridge, LG, LHG
Principal

9.1 Qualifications of Environmental Professional

Terry McPhetridge is a licensed geologist (LG) in Washington (#346), a licensed hydrogeologist (LHG #11388) and has 20 years of experience completing and overseeing Phase I ESAs. Terry is an Environmental Professional per 40 CFR Part 312. Jessica Robertson is a licensed geologist (LG) in Washington (#2570) and has more than 10 years of experience doing Phase I ESAs. Jessica is an Environmental Professional per 40 CFR Part 312.

Resumes for Terry McPhetridge and Jessica Robertson are presented in Appendix E.



Vicinity Map

Approximate 2,000-Acre Forestland Property
Lewis County, Washington



Figure 1

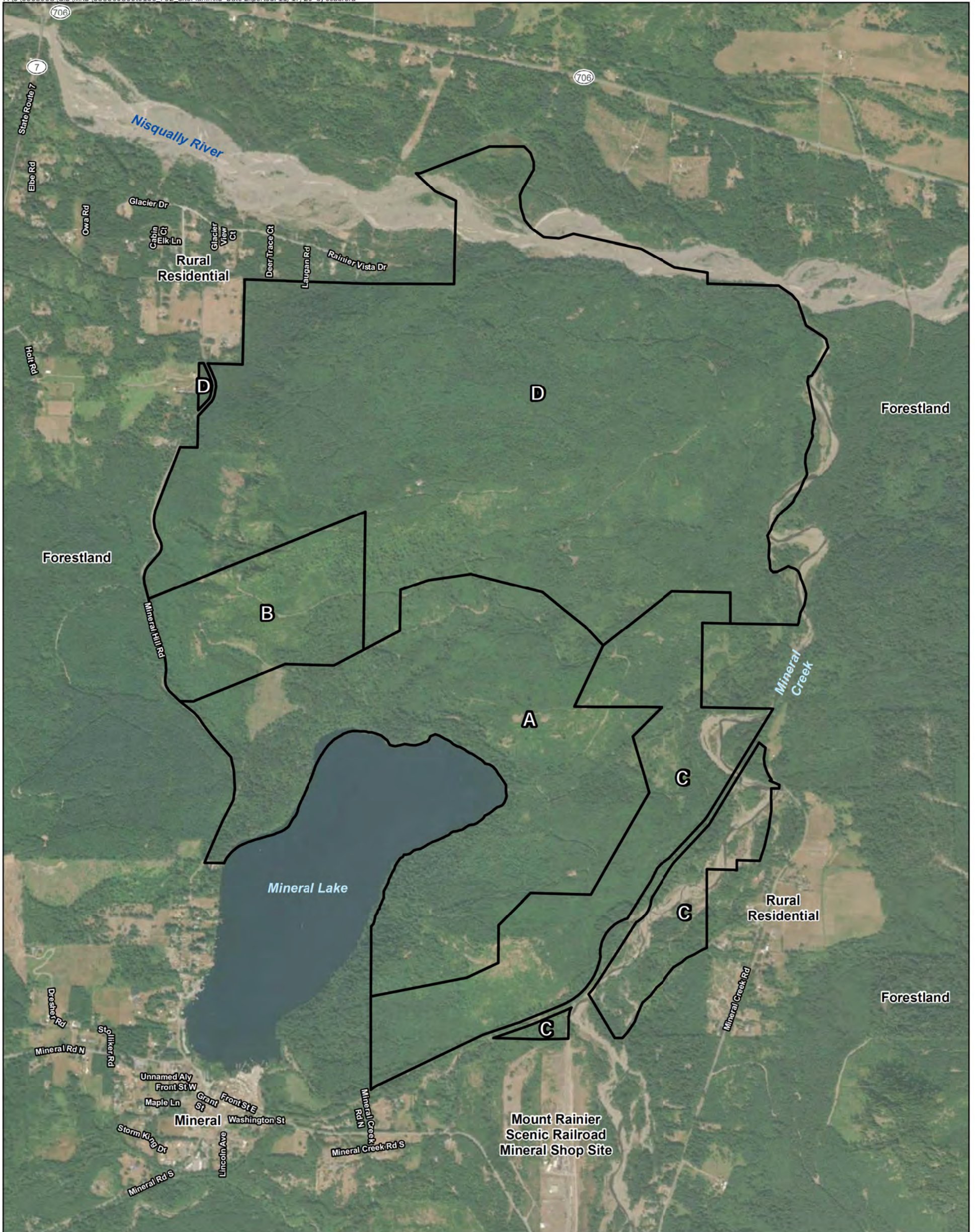
Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.


Data Source: Mapbox Open Street Map, 2016

Projection: NAD 1983 UTM Zone 10N

P:\6555008\GIS\WKD\65550080100_F01_VicinityMap.mxd Date Exported: 11/11/20 by ccabrera



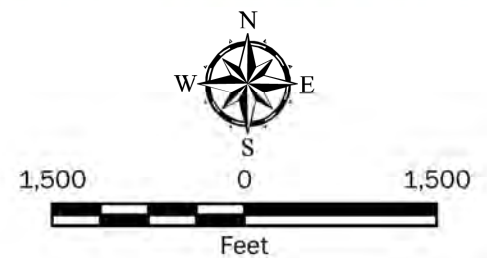
Legend

-  Subject Property Boundary
- A, B, C, D: Subject Property Lot Groupings

Notes:

1. The locations of all features shown are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. GeoEngineers, Inc. cannot guarantee the accuracy and content of electronic files. The master file is stored by GeoEngineers, Inc. and will serve as the official record of this communication.

Data Source: ESRI roads and Imagery. Lewis County GIS roads.
 Projection: NAD 1983 StatePlane Washington South FIPS 4602 Feet



Site Plan	
Approximate 2,000-Acre Forestland Property Mineral, Washington	
	Figure 2



Photograph 1. View of representative cleared area, southwest portion of Subject Property. Monitoring well visible in foreground.



Photograph 2. View looking south across Mineral Creek near east boundary of the Subject Property.

Date Exported: 11/11/2020

6565-008-00

Site Photographs, March 2020

Approximate 2,000-Acre Forestland Property
Mineral, Washington



Figure 3A



Photograph 3. View of gravel pit; presumed source of road gravel for subject property forest roads.



Photograph 4. View of modified 55-gallon drums in a timber landing. Drums likely intended for use as game feeders.

Date Exported: 11/11/2020

6565-008-00

Site Photographs, March 2020

Approximate 2,000-Acre Forestland Property
Mineral, Washington



Figure 3B



Photograph 5. Representative view of gravel roadway on Subject Property.



Photograph 6. View of typical vegetation on Subject Property.

Date Exported: 11/11/2020

6565-008-00

Site Photographs, November 2020

Approximate 2,000-Acre Forestland Property
Mineral, Washington



Figure 3C

APPENDIX A
User Provided Information
and User Questionnaire



Lewis County Community Development

2025 NE Kresky Ave, Chehalis, WA 98532
Phone: (360) 740-1146 • Fax: (360) 740-1245

Presubmission Conference

The Presubmission Conference is a service provided by the County to allow a cursory review of a proposed development or subdivision to determine the feasibility of the proposal and what requirements would be associated with the project. There is no cost for this service.

A Presubmission Conference will not be scheduled to review a proposal for residential (single family) development of a property, unless there are extenuating issues pertaining to the proposed site.

The meetings are held on Thursday mornings (8:30 or 9:30) with a time limit of up to one hour being allowed for each meeting. The meetings are scheduled a minimum of 2 weeks after a completed application has been submitted to the Permit Center. This timeframe allows for distribution of the application to multiple departments and interested parties (Fire Department, State Departments, Port of Chehalis, etc.), for the proposal to be reviewed by each department and information prepared for the meeting. Meetings are held in the Lewis County Public Services Building located at 2025 NE Kresky Avenue, Chehalis.

Information required to request a Presubmission Conference would include (at a minimum) the completed application, a vicinity map and a site plan. For new construction, commercial development or multi-residential development, floor plans and preliminary construction plans must be included to allow the Building Department to determine the requirements for construction, fire flow (fire suppression / alarm) and occupancy.

To apply for a Presubmission Conference, submit the completed application and attachments to the Lewis County Permit Center at 2025 NE Kresky Ave., Chehalis or contact the Permit Center at 360-740-1146 for details on e-mailing a completed application. Once the application has been submitted, a meeting date and time will be scheduled with you.

At the meeting you can expect to meet with generally 6-10 staff members (depending on the project). After introductions have been made, you'll be asked to give a brief overview of the proposed project. A representative of each department will then explain the requirements for approval for the project. Meeting notes will be taken and after the meeting (1 – 2 weeks), a copy of the meeting notes and sign-in sheet will be provided to you as a reference of who you met with and what was discussed. A copy of the meeting notes will be kept on file in the Community Development office for any future reference.

If you have any questions regarding the process or scheduling a meeting, please contact the Lewis County Permit Center at 360-740-1146.

Lewis County Community Development

2025 NE Kresky Ave, Chehalis, WA 98532 • Phone: (360) 740-1146 • Fax: (360) 740-1245

Presubmission Conference Submittal Requirements

STAFF APPLICANT

- | | | |
|--------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Completed / Signed application |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Vicinity Map (<u>no larger than 11x17</u>) showing the property boundaries in relation to the closest roads and streets and major roadways and streets in the area. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Detailed Site Plan (<u>no larger than 11x17</u>) showing the following and <u>identifying existing or proposed</u> : <ul style="list-style-type: none"><input checked="" type="checkbox"/> North arrow<input checked="" type="checkbox"/> Boundaries (property lines) of the property to be developed or created; Location of all existing or proposed structures (including but not limited to buildings, fences, bridges, etc.);<input type="checkbox"/> Square footage of all structures (existing or proposed), identify use of each structure and setbacks from all property lines;<input checked="" type="checkbox"/> Access to property (driveways)<input type="checkbox"/> Location of utilities including sewage disposal (sewer lines, septic tanks, drain-field, etc.), water service (water lines, well, etc.), hydrant locations, and storm-water retention/detention areas.<input checked="" type="checkbox"/> Location of any potential "critical areas" such as wetlands, streams, hillsides, lakes, flood zones (if known), etc.<input type="checkbox"/> Fire lanes (for all commercial or multi-residential development) |
| <input type="checkbox"/> | <input type="checkbox"/> | Preliminary Floor Plan (no larger than 11x17) showing existing plan with proposed changes, identifying all areas (office, kitchen, warehouse, bath rooms, etc.) and all exits/entrances. |
| <input type="checkbox"/> | <input type="checkbox"/> | Preliminary Construction Plans (no larger than 11x17) showing type of construction material to be used. |

Lewis County Community Development

2025 NE Kresky Ave, Chehalis, WA 98532 • Phone: (360) 740-1146 • Fax: (360) 740-1245

Presubmission Conference

Please print and fill out completely: Use reproducible ink (preferably black)

Date Received: _____

Application #: SPRC- _____

Subdivision Property Development Commercial Other (define): _____

Proposed Project Title: YMCA Camp Mineral Lake

Tax Parcel Number(s) See Attached

Site Address/Location 0 Mineral Hill Rd, Mineral WA 98355

Contact Information:

Applicant's Name: Meredith Cambre, Senior Executive Director, YMCA of Greater Seattle

Relation: Current Owner Prospective Purchaser Other (define): _____

Mailing Address: 900 4th Ave, Seattle WA 98104

Daytime Phone #: 206-295-0001 Email Address: mcambre@seattleyymca.org

Agent's Name: Tim McHarg, AICP

Mailing Address: Van Ness Feldman, 719 2nd Ave, Suite 1150, Seattle WA 98104

Daytime Phone #: 206-802-3837 Email Address: tmcharg@vnf.com

Property (land) Owner's Name: Forecastle Timber Co LLC (Philip E. Blake, Manager)

Mailing Address: 2935 S Fish Hatchery Rd (#210), Madison, WI 53711

Daytime Phone #: _____ Email Address: pblake46@gmail.com

Proposed Project is: Commercial Personal Use Subdivision Other (explain): YMCA Camp

Is this a phased project? No Yes (please define all phases and timelines under project description).

Project Description (please provide a detailed explanation of the proposal and any future plans including, but not

limited to, a brief description of your proposal, the use of each building, existing uses on the site, parking, etc.):
The applicant, the YMCA of Greater Seattle, proposes to develop and operate a year-round youth and family camp on the property.

At this point in the planning process, the area of the camp has not been determined. The camp could range from an approximately 500 acre portion of the property to the entire 2,118 acres. The camp would be developed in 3 phases over a period of up to 20 years, depending on fundraising. At completion, the camp will accommodate 400 campers and 100 staff members.

See attached Project Narrative for additional details. (attach separate sheet if needed)

Non-Residential Projects:

Projected number of customers per day 400 campers Proposed number of employees 100 staff

Projected number of deliveries per day _____ Proposed number of parking spaces TBD

Proposed hours of operation _____ a.m. to _____ p.m. OR 24 hours

Proposed days of operation 7 days per week OR _____

Access to property: Use Existing Create New Other (define) _____

From: County Road State Road/Highway Private Road

	Existing	To be added	Total
Parcel Area (acreage)	500	1,611	2,118
Number of Lots	33	13	46
Length of Driveway	Ft. TBD	Ft. Up to 4 miles	Ft. Up to 4 miles
Number of Buildings - identify as: (R) - Residential (G) - General use (storage) (C) - Commercial (O) - Other (define)	0	46	46
Height of Buildings (to eaves)	Ft. n/a	Ft. 25	Ft. 25
Number of Floors		1	1
Gross Floor Area of Building	Sq. ft. 0	Sq. ft. 54,200	Sq. ft. 54,200
Landscape Area	Sq. ft. n/a	Sq. ft. TBD	Sq. ft. TBD
Paved Parking	Sq. ft. n/a	Sq. ft. 28,000	Sq. ft. 28,000
Total Impervious Area	Sq. ft. n/a	Sq. ft. 505,000	Sq. ft. 505,000
Sewage Disposal - identify as: (S) - On Site Septic (M) - Municipal Sewer (O) - Other (define)	n/a	S	S
Water Source - identify as: (W) - Private Well (C) - Community Well (M) - Municipal Water Service (O) - Other (define)	W	C	C

Attachments: Vicinity Map [required] Detailed Site Plan [required]
 Preliminary Floor Plan Preliminary Construction Plans
 (Required for commercial projects) (Required for commercial projects)

Acknowledgment:

I affirm that all answers, statements and information submitted with this request are correct and accurate to the best of my knowledge. I affirm that I am the property (land) owner of the subject site OR am duly authorized by the property owner to act on this request.

Tim McHarg _____ 03/13/2020

 Print Name Signature(s) Date

Official Use Only:		
Received by: _____	Zoning: _____	Flood Plain: _____
ADEPT File # MSC: _____		
Application # SPRC: _____		
Associated/Related Cases: _____		
Date Conference Scheduled: _____ at (time)		

YMCA Camp Mineral Lake

Tax Parcel Numbers

038931-011-001
038931-011-002
038931-011-003
038931-011-004
038931-011-005
038931-011-035
038931-011-006
038931-011-036
038931-011-007
038931-011-037
038931-011-008
038931-011-038
038931-011-009
038931-011-039
038931-011-010
038931-011-040
038931-011-011
038931-011-041
038931-011-012
038931-011-042
038931-011-013
038931-011-043
038931-011-014
038931-011-015
038931-011-016
038931-011-017
038931-011-018
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038931-011-025
038931-011-026
038931-011-027
038931-011-028
038931-011-029
038931-011-030
038931-011-031
038931-011-032
037019-001-120
038931-001-130
037019-001-130
038931-011-033
038931-011-034

YMCA Camp Mineral Lake

Pre-Submission Conference Application Narrative

1) Property Description and Existing Use:

The subject property is located in north-central Lewis County, generally to the northeast of Mineral and to the east of Mineral Hill Road. The property is comprised of several parcels and is approximately 2,118 acres. At this point in negotiation with the property owner, the property consists of two areas:

- Area A: Approximately 500 acres for Phases 1 and 2 of Camp Mineral Lake
- Area B: Approximately 143 acres of forest reserve
- Area C: Approximately 371 acres for Phase 3 of Camp Mineral Lake
- Area D: Approximately 1,104 acres of forest reserve

The subject property for development of Camp Mineral Lake will range in size from 500 acres to 2,118 acres. This project description discusses the maximum potential subject property (Areas A, B, C and D), which would be developed in three phases.

The property extends around the northern half of Mineral Lake and has approximately 9,500 feet of lake frontage. The northern portion of the property extends along the Nisqually River and has approximately 5,100 feet of river frontage. A portion of the Nisqually River flows through the northern part of the property. The eastern portion of the property extends along Mineral Creek and has approximately 2,500 feet of creek frontage. A portion of the Nisqually River flows through the northern part of the property. The frontages along Mineral Lake, the Nisqually River, and Mineral Creek are designated as Rural Conservancy shoreline environments.

In addition to these waterbodies, the subject property is characterized by a steep ridge that runs generally east-west through the northern half of the property. The ridge rises from an elevation of approximately 1,770 feet along Mineral Lake to approximately 2,400 feet at the top of the ridge. Steep slopes are associated with the ridge and other geologic formations on the property.

Several non-fish bearing streams flow from the top of the ridge through a series of drainages. These streams flow variously into Mineral Lake, the Nisqually River, Mineral Creek and East Creek. As several of the streams flow into Mineral Lake and the Nisqually River on the property, they become fish bearing.

The property is designated as Forest Resource Land in the Lewis County Comprehensive Plan. Consistent with that designation, the property is zoned Forest.

The property is currently used for timber production/harvesting and has historically been used as a source for gravel for use on the private access and forest roads. There is a 2,400 square foot utility building on the property that supports these uses, as well as a cell tower and antenna. A developed

access road from Mineral Hill Road serves the property, and there are a series of smaller timber access roads throughout the property.

2) Project Description:

The applicant, the YMCA of Greater Seattle, proposes to develop and operate a year-round youth and family camp on the property. At this point in the planning process, the area of the camp has not been determined. As discussed above, the camp could range from an approximately 500 acre portion of the property to the entire 2,118 acres.

The camp will be part of the YMCA of Greater Seattle's regional youth and family camp system. Currently, the YMCA operates Camp Orkila on Orcas Island and Camp Colman on the Key Peninsula. A YMCA camp at Mineral Lake will allow the YMCA to expand the region and population that it can serve. Though the camps are part of the YMCA of Greater Seattle, these camps serve youth from all over Washington State from all backgrounds and walks of life. Additional information on these two similar camps can be found here:

<https://www.seattlemca.org/oldcamps/orkila>

<https://www.seattlemca.org/oldcamps/colman>

Because of the capital costs and complex funding strategies for a camp of this scale, a YMCA camp at Mineral Lake will be phased over a period of up to 20 years. The Physical Improvements and Buildings sections below discuss the anticipated build out of the camp. The Phasing section provides additional discussion regarding a three-phase approach that starts with primitive camping and is implemented over time as funds are raised.

a) Physical Improvements:

More information is needed from civil and geotechnical engineers to determine the best location for building on this site. The attached Conceptual Plan shows our best estimation of the most suitable areas for building with the information we have at this time. Site planning will avoid critical areas, including streams, wetlands and steep slopes. No habitable structures and only limited improvements, such as trails and a dock, will be constructed within the 150 foot shoreline buffer of Mineral Lake.

It is anticipated that the maximum area of disturbance for the camp and all associated site improvements and infrastructure will not exceed a total of 100 acres. The balance of the property, ranging from 400 to 2,018 acres (depending on the size of the overall camp property) will not be developed. The undeveloped portion of the property will be used for hiking and recreation and will either remain in forestry production or be placed into conservation easements.

i) Site Improvements/Infrastructure

Camp Mineral Lake will expand the existing access road from Mineral Hill Road based upon the projected volumes of passenger vehicles and delivery trucks. The private road system will be designed to meet applicable standards for fire apparatus and emergency vehicles. The design of the road system has not been determined at this point, although it is anticipated that the total road length will not exceed 4 miles. Based on the 20 foot pavement width for the Rural Road Standard, the area required for the private road system is approximately 9.7 acres. A parking lot or lots will be constructed to accommodate approximately 80 vehicles, with an estimated total area of 28,000 square feet (0.65 acres).

A Group A community water system will be developed for the camp. Based upon existing water use at other regional camps, daily usage could be up to 30,000 gallons per day. Significant efforts will be made through design and construction of the camp buildings and facilities to reduce water usage well below that level. Fire sprinklers will be required in some of the buildings based upon assembly and transient congregate living facility occupancies, and a water storage tank will be constructed to provide sufficient fire flows and durations.

Other infrastructure to support the camp use includes:

- A series of wastewater conveyances and septic drainfields.
- Electric and telecommunication services.
- A system to collect, treat, and infiltrate or discharge stormwater. LID techniques will be used throughout the camp.

Outdoor recreational facilities for the camp include:

- A dock on Mineral Lake.
- Approximately 15 acres of open fields for active recreation.
- A ropes course in the forest.
- A significant network of soft surface trails throughout the property, along with a smaller amount of accessible hard surface trails.

ii) Buildings

When fully built at the end of Phase 3, the total number of buildings in the camp will be approximately 47, as summarized in the following table:

Building Type	Function	Capacity	Number of Buildings	Floor Area (sq. ft.)	Total Floor Area (sq. ft.)
Lodge	Dining, group assembly	500	1	9,000	9,000
Program Shelters & Classrooms	Classrooms, activities	24 Total: 20 campers, 4 staff	6	2,000	12,000
Camper Cabin	Sleeping (7 bunks)	12 campers, 2 staff	32	600	19,200
Staff Housing	Residence	6 staff	5	2,000	10,000
Utility Building	Maintenance, Storage	4 staff	2	2,000	4,000
TOTAL =			46		54,200

As discussed above, all buildings and site improvements will meet applicable fire protection and life safety standards based upon occupancy and occupant load. Vehicular access improvements will be designed to meet applicable standards for fire apparatus and emergency vehicles. The safety of campers is our priority, and all staff members will be trained in the event of an emergency.

b) Programs:

The programs at the YMCA camp at Mineral Lake will be modeled after the existing programs at Camps Orkila and Colman, but will be adjusted to take advantage of the natural setting and amenities in the Mineral area. The scope of programs at Camp Mineral Lake is anticipated to include the following:

- Summer Camps
 - Traditional Camps for campers in grades 3-9
 - Teen Leadership such as Counselors-in-Training for grades 10-12
- Family Camps and Retreats
 - Family Camps
 - Womens’ Wellness Weekend Retreats
 - Quilt and Craft Retreats
- Outdoor Environmental Education Programs for school groups
- Community Programs
 - Day Camp
 - First Time Campers

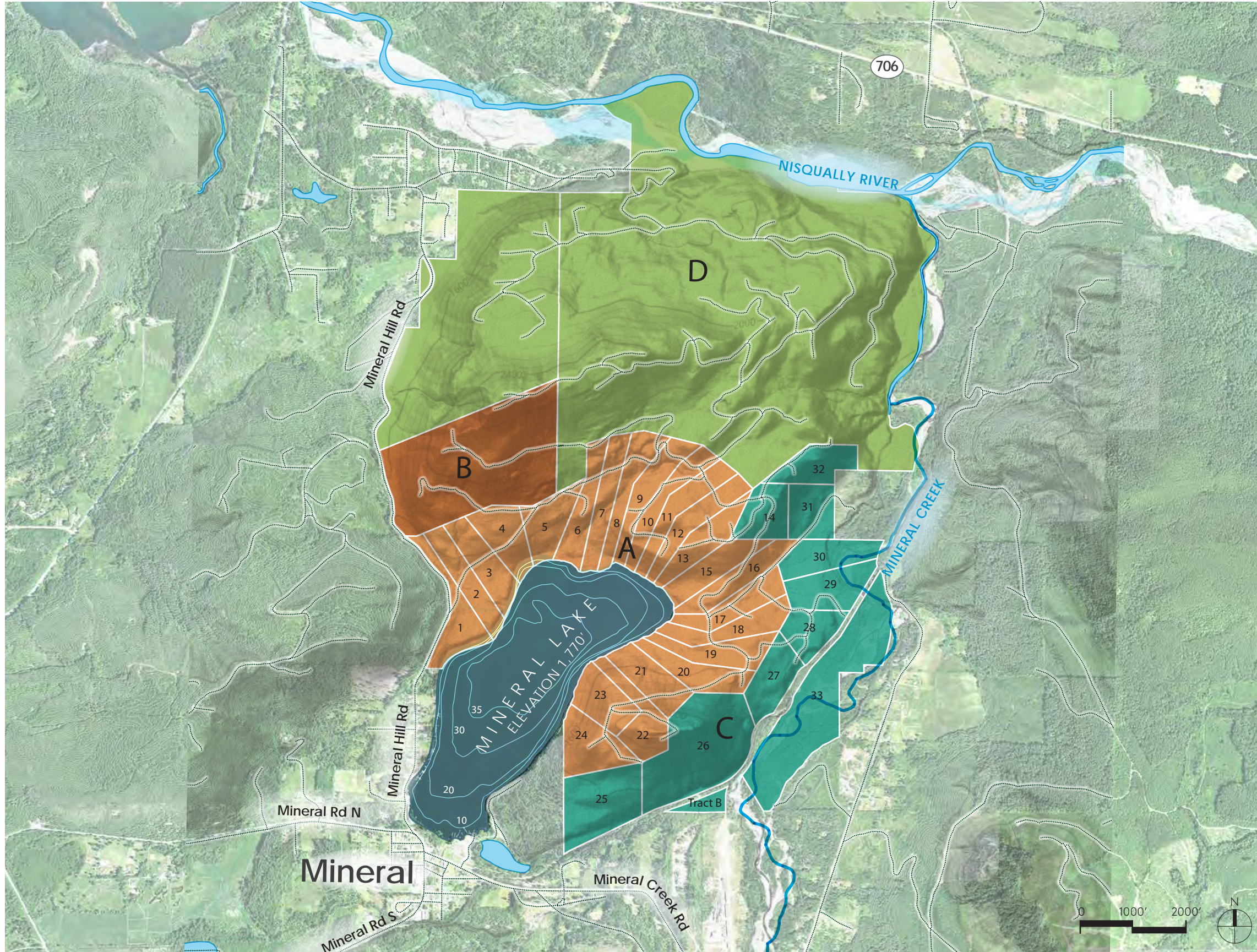
c) Phasing:

As discussed above, because of the capital costs and complex funding strategies for a camp of this scale, Camp Mineral Lake will be phased over a period of up to 20 years. The plan is to develop the

camp in three phases, the latter two of which will be constructed in increments or sub-phases. The following summarizes the phasing plan:

Phase	Years	Camp Program Description	Camp Capacity	Design and Development Actions
1	2020 – 2021	<ul style="list-style-type: none"> ▪ Leave-no-trace primitive camping ▪ “Building camp” with youth building primitive structures 	12 campers	<ul style="list-style-type: none"> ▪ Develop Master Plan ▪ Obtain land use approval and permits ▪ Construct site improvements to support primitive camping
2	2022 – 2027	<ul style="list-style-type: none"> ▪ Leave-no-trace primitive camping ▪ “Building camp” with youth building primitive structures 	Increasing gradually to 200 campers and up to 50 staff	<ul style="list-style-type: none"> ▪ Refine Master Plan ▪ Program development ▪ Phased construction of infrastructure for permanent camp facilities ▪ Phased construction of recreational facilities, including lodge, dock, trails, rope course, and fields
3	2027 – 2040	<ul style="list-style-type: none"> ▪ Expansion of camp programs to full capacity as permanent facilities are developed 	400 campers and up to 100 staff	<ul style="list-style-type: none"> ▪ Phased construction, cabins, activity buildings, staff housing and utility buildings

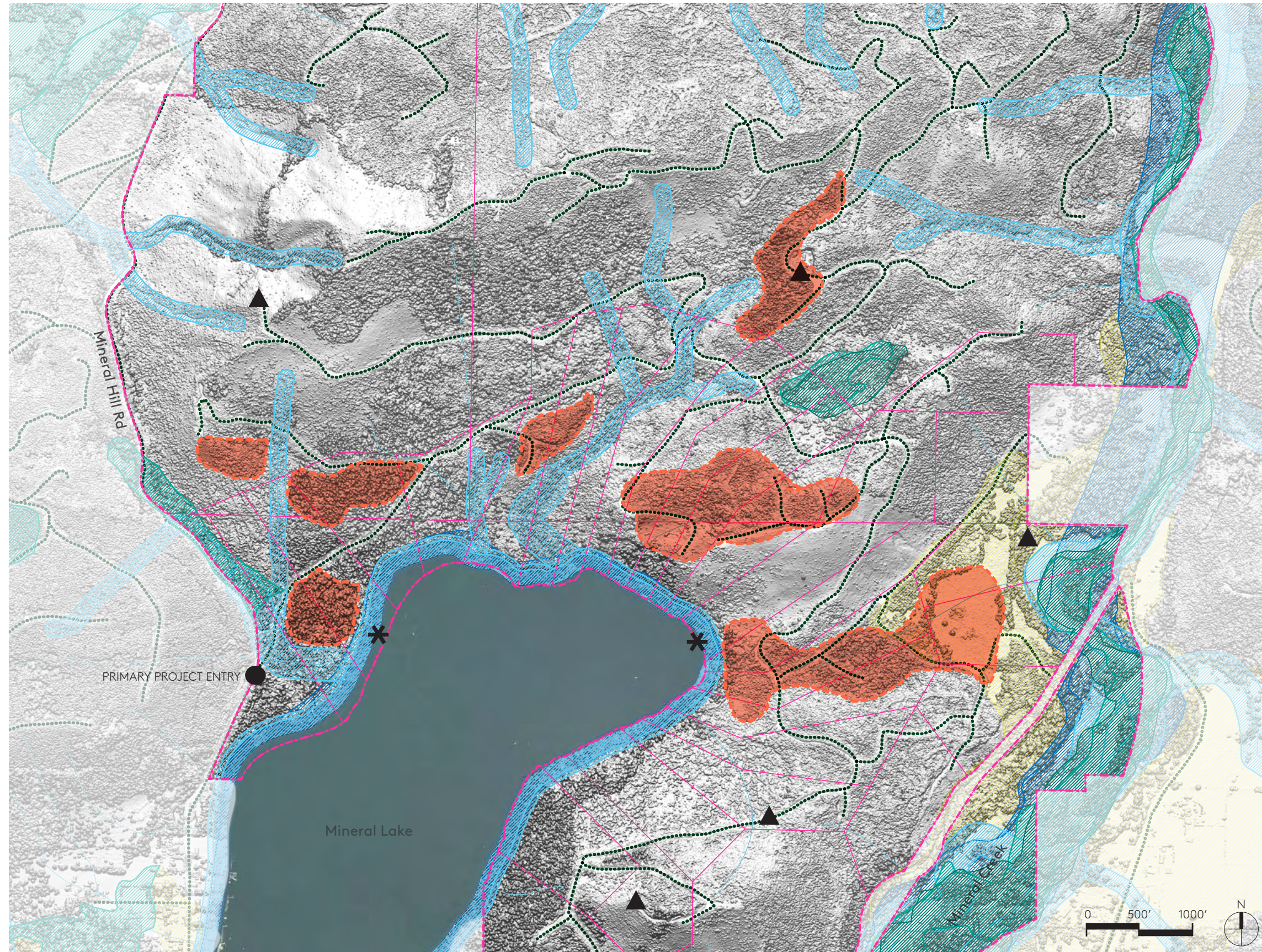
VICINITY MAP



LEGEND

- A** PROPERTY Individual Lots (500 Acres)
- B** Forest Reserve (143 Acres)
- C** Remaining Individual Lots (371 Acres)
- D** Forest Reserve (1,104 Acres)
- Major Roads
- - - Forest Service Roads

SITE PLAN: CONCEPTUAL DEVELOPMENT AREAS



POTENTIAL DEVELOPMENT AREAS LEGEND

- EXISTING ROADS
- POTENTIAL DEVELOPMENT ZONE
- * POTENTIAL LAKE ACCESS
- ▲ POTENTIAL SATELLITE RECREATION AREA
- - - PROPERTY BOUNDARY
- PARCEL LINE
- EXISTING PROPERTY ENTRANCE

*The highest intensity development will be concentrated in the potential development zones with slopes less than or equal to 15%.

CRITICAL AREAS LEGEND

- 200' MINERAL LAKE BUFFER
- STREAM BUFFERS
- WETLANDS
- HYDRIC SOILS
- FEMA 100 & 500 YEAR FLOODPLAIN
- CRITICAL AQUIFER RECHARGE AREA

NOTES

Orange regions suggest potential developable zones, however, the area of potential developable zones exceeds the likely built program on the site. For scale reference:

- = SIZE OF A 360'*150' SOCCER FIELD
- = SIZE OF A 9000 SQUARE FOOT DINING HALL
- = SIZE OF A 2000 SQUARE FOOT PROGRAM SHELTER
- = SIZE OF (4) 600 SQUARE FOOT CABINS

**PHASE I ESA USER QUESTIONNAIRE
 PHASE I ENVIRONMENTAL SITE ASSESSMENT
 2,000-ACRE FORESTLAND PROPERTY
 MINERAL LAKE, WASHINGTON
 FILE NO. 6565-008-00**

In order to qualify for one of the federal landowner liability protections, and to enable us to fully address the objectives of the Phase I ESA, please complete the questionnaire below to the best of your knowledge and provide the additional information requested.

5. Are you aware of any environmental cleanup liens against the subject property that are filed or recorded under federal, tribal and state or local law?
 YES NO DON'T KNOW Explain:
6. Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls, that are in place at the subject property and/or have been filed or recorded in a registry under federal, tribal, state or local law?
 YES NO DON'T KNOW Explain:
7. As the user of this Phase I ESA, do you have any specialized knowledge or experience related to the subject 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 so that you would have specialized knowledge of the chemicals and processes used by this type of business?
 YES NO DON'T KNOW Explain:
8. Does the purchase price being paid for the subject property reasonable reflect the fair market value of the property?
 YES NO DON'T KNOW Explain:
 - a. If you conclude that there is a difference and you answered NO above, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?
 YES NO DON'T KNOW Explain:
9. Are you aware of commonly known or reasonably ascertainable information about the subject property that would help us identify conditions indicative or releases or threatened releases? For example,
 - a. Do you know the past uses of the property?
 YES NO DON'T KNOW Explain:
 - b. Do you know of specific chemicals that are present or once were present on the property?
 YES NO DON'T KNOW Explain:
 - c. Do you know of spills or other chemical releases that have taken place at the property?
 YES NO DON'T KNOW Explain:
 - d. Do you know of any environmental cleanups that have taken place at the property?
 YES NO DON'T KNOW Explain:
10. Based on your knowledge and experience related to the subject property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?
 YES NO DON'T KNOW Explain:



User Questionnaire Completed By (Name and Organization): _____

Date: _____

List of Requested Information, If Available:

- Names and phone numbers of key individuals with knowledge of property use history.
- A map showing the boundaries of the subject property.
- Tax ID numbers for parcels included within the subject property.
- Copies of any past environmental site assessment and/or audit reports or risk assessment studies.
- Environmental permits.
- Registrations for underground and aboveground storage tanks (if any).
- Material data safety sheets for hazardous substances used or stored on-site (if any).
- Community right-to-know plans pertaining to the subject property.
- Safety plans pertaining to on-site facilities.
- Reports regarding geotechnical and/or hydrogeologic conditions at or near the subject property.
- Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the subject property or relating to environmental liens encumbering the property.
- Recorded Activity Use Limitations (AULs).
- Chain-of-Title or other Title Report documents.



APPENDIX B
Environmental Database Search Report

Mineral Lake Undeveloped Property

Mineral Hill Road
Elbe, WA 98330

Inquiry Number: 6224465.2s
October 13, 2020

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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.

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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), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

MINERAL HILL ROAD
ELBE, WA 98330

COORDINATES

Latitude (North): 46.7373350 - 46° 44' 14.40"
Longitude (West): 122.1645970 - 122° 9' 52.54"
Universal Tranverse Mercator: Zone 10
UTM X (Meters): 563824.4
UTM Y (Meters): 5176096.0
Elevation: 1690 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5996230 MINERAL, WA
Version Date: 2013

North Map: 5996190 ELBE, WA
Version Date: 2013

Northeast Map: 6004443 ASHFORD, WA
Version Date: 2014

Southeast Map: 5996172 ANDERSON LAKE, WA
Version Date: 2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150912, 20150825
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 MINERAL HILL ROAD
 ELBE, WA 98330

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	SWEAZYS AUTO REPAIR	587 MINERAL CREEK RD	SPILLS	Lower	2107, 0.399, SE
2	MINERAL DROP BOX	292 MINERAL CREEK RD	ALLSITES, FINDS	Lower	2735, 0.518, South
3	OLD GAS STATION MINE	INTERSECTION OF MINE	HSL, CSCSL, ALLSITES, FINDS	Lower	4210, 0.797, SSW
4	MINERAL LAKE DAM		ALLSITES	Lower	4254, 0.806, SSW
A5	MINERAL LAKE	MINERAL RD	ALLSITES, CSCSL NFA	Lower	4535, 0.859, SSW
A6	MINERAL MARKET	104 FRONT ST E	ALLSITES, FINDS, Financial Assurance	Lower	4687, 0.888, SSW
7	MOUNT RAINIER SCENIC	349 MINERAL CREEK RD	CSCSL, ALLSITES	Lower	4706, 0.891, SSE
8	CENTURYTEL MINERAL	116 FRONT ST	ALLSITES, FINDS	Lower	4844, 0.917, SSW

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-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

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

SWF/LF..... Solid Waste Facility Database

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Underground Storage Tank Database
AST..... Aboveground Storage Tank Locations
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

INST CONTROL..... Institutional Control Site List

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Cleanup Program Sites
ICR..... Independent Cleanup Reports
PTAP..... PTAP Site Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facility List
SWTIRE..... Solid Waste Tire Facilities
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

EXECUTIVE SUMMARY

CDL.....	Clandestine Drug Lab Contaminated Site List
HIST CDL.....	List of Sites Contaminated by Clandestine Drug Labs
US CDL.....	National Clandestine Laboratory Register
AQUEOUS FOAM.....	Firefighting Foam Incidents
PFAS.....	PFAS Contamination Site Location Listing

Local Land Records

LIENS 2.....	CERCLA Lien Information
--------------	-------------------------

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
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
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
FUELS PROGRAM.....	EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

AIRS.....	Washington Emissions Data System
ASBESTOS.....	ASBESTOS
COAL ASH.....	Coal Ash Disposal Site Listing
DRYCLEANERS.....	Drycleaner List
Financial Assurance.....	Financial Assurance Information Listing
Inactive Drycleaners.....	Inactive Drycleaners
MANIFEST.....	Hazardous Waste Manifest Data
NPDES.....	Water Quality Permit System Data
UIC.....	Underground Injection Wells Listing
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical 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 NPL

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

A review of the HSL list, as provided by EDR, and dated 02/26/2020 has revealed that there is 1 HSL site within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>OLD GAS STATION MINE</i>	<i>INTERSECTION OF MINE</i>	<i>SSW 1/2 - 1 (0.797 mi.)</i>	<i>3</i>	<i>9</i>

EXECUTIVE SUMMARY

Facility Type: Hazardous Sites List
 FSID Number: 8202906
 Facility Status: Awaiting Cleanup

State- and tribal - equivalent CERCLIS

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

A review of the CSCSL list, as provided by EDR, and dated 07/13/2020 has revealed that there are 2 CSCSL sites within approximately 1.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OLD GAS STATION MINE Site Status: Awaiting Cleanup Clean Up Siteid: 4133 Facility ID: 8202906 Soil: Confirmed Above Cleanup Levels Ground Water: Suspected Contaminant Name: Non-Halogenated Solvents Contaminant Name: Petroleum Products-Unspecified	INTERSECTION OF MINE	SSW 1/2 - 1 (0.797 mi.)	3	9
MOUNT RAINIER SCENIC Site Status: Awaiting Cleanup Clean Up Siteid: 2842 Facility ID: 6293931 Soil: Suspected Ground Water: Suspected Contaminant Name: Petroleum Products-Unspecified	349 MINERAL CREEK RD	SSE 1/2 - 1 (0.891 mi.)	7	13

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: Information on facilities and sites of interest to the Department of Ecology.

A review of the ALLSITES list, as provided by EDR, and dated 04/17/2020 has revealed that there are 7 ALLSITES sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MINERAL DROP BOX Facility Id: 2197067	292 MINERAL CREEK RD	S 1/2 - 1 (0.518 mi.)	2	9
OLD GAS STATION MINE Facility Id: 8202906	INTERSECTION OF MINE	SSW 1/2 - 1 (0.797 mi.)	3	9
MINERAL LAKE DAM		SSW 1/2 - 1 (0.806 mi.)	4	11

EXECUTIVE SUMMARY

Facility Id: 84469353

MINERAL LAKE Facility Id: 1302	MINERAL RD	SSW 1/2 - 1 (0.859 mi.)	A5	11
MINERAL MARKET Facility Id: 45536617	104 FRONT ST E	SSW 1/2 - 1 (0.888 mi.)	A6	11
MOUNT RAINIER SCENIC Facility Id: 6293931	349 MINERAL CREEK RD	SSE 1/2 - 1 (0.891 mi.)	7	13
CENTURYTEL MINERAL Facility Id: 18836372	116 FRONT ST	SSW 1/2 - 1 (0.917 mi.)	8	14

CSCSL NFA: The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead a No Further Action code is entered based upon the type of NFA determination the site received.

A review of the CSCSL NFA list, as provided by EDR, and dated 07/13/2020 has revealed that there is 1 CSCSL NFA site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MINERAL LAKE CS Id: 3771 Facility/Site Id: 1302 Soil: Confirmed Above Cleanup Levels NFA Date: 02/24/2003 Contaminant Name: Petroleum Products-Unspecified Surface Water: Confirmed Above Cleanup Levels	MINERAL RD	SSW 1/2 - 1 (0.859 mi.)	A5	11

Records of Emergency Release Reports

SPILLS: 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.

A review of the SPILLS list, as provided by EDR, and dated 06/08/2020 has revealed that there is 1 SPILLS site within approximately 0.5 miles of the target property.

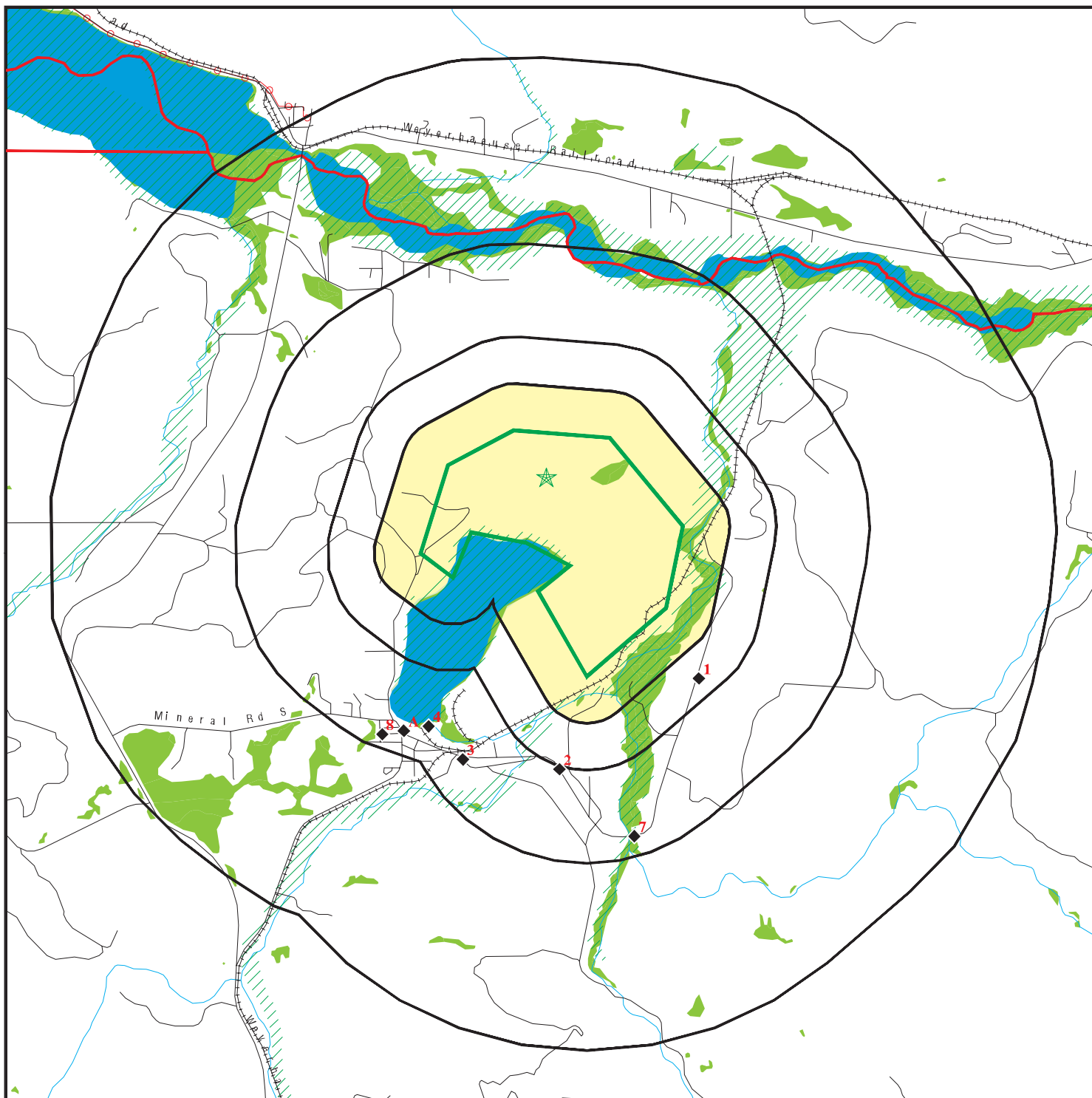
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SWEAZYS AUTO REPAIR Facility ID: 656080 Facility ID: 546388	587 MINERAL CREEK RD	SE 1/4 - 1/2 (0.399 mi.)	1	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

<u>Site Name</u>	<u>Database(s)</u>
MINERAL LAKE	RGA HWS

OVERVIEW MAP - 6224465.2S



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

County Boundary

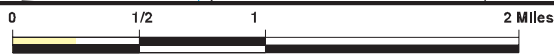
Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

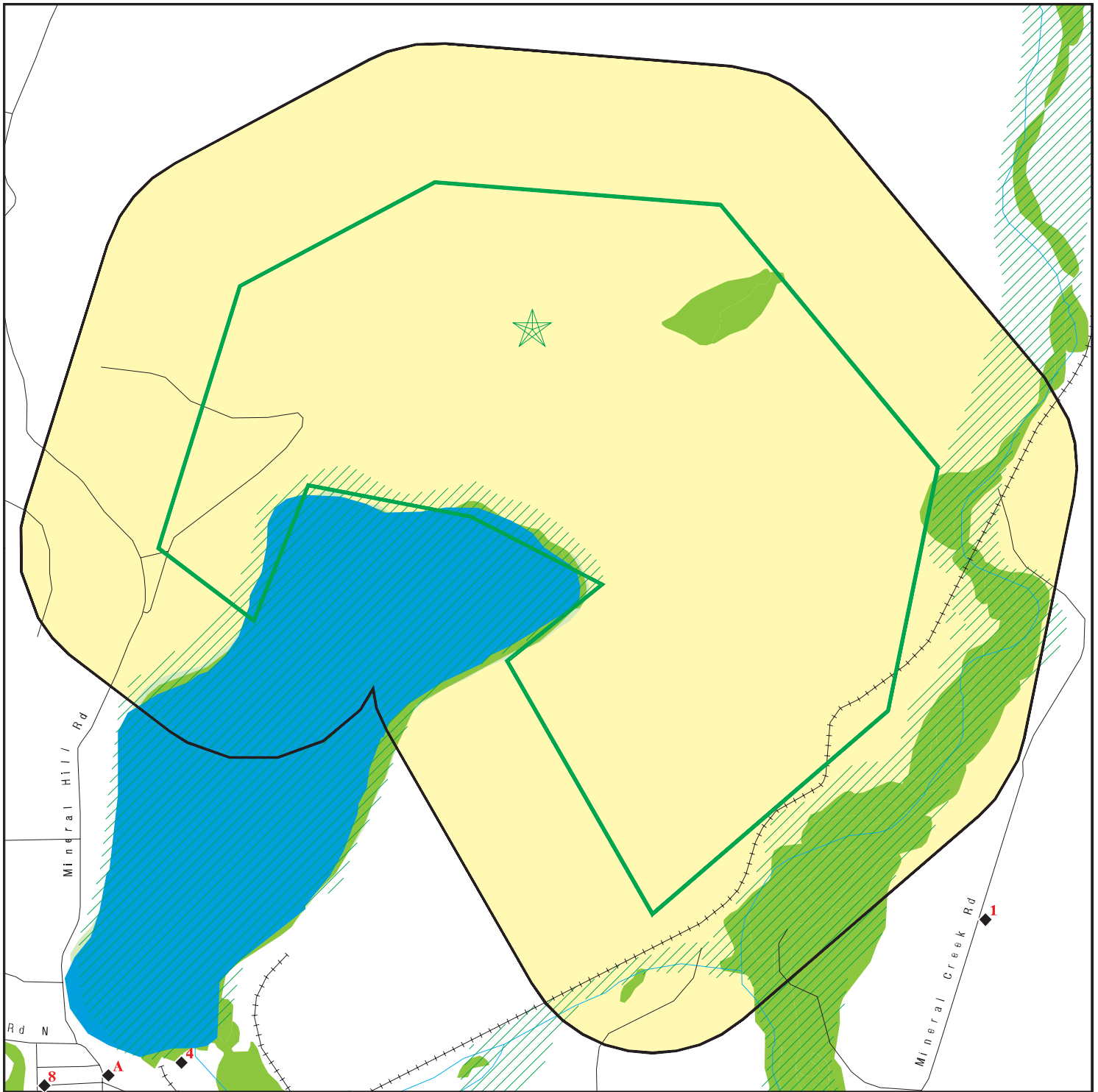









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: Mineral Lake Undeveloped Property
 ADDRESS: Mineral Hill Road
 Elbe WA 98330
 LAT/LONG: 46.737335 / 122.164597

CLIENT: Geo Engineers, Inc.
 CONTACT: Jessica A Robertson
 INQUIRY #: 6224465.2s
 DATE: October 13, 2020 11:52 am

DETAIL MAP - 6224465.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands

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: Mineral Lake Undeveloped Property
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 CONTACT: Jessica A Robertson
 INQUIRY #: 6224465.2s
 DATE: October 13, 2020 11:53 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.500		0	0	0	0	0	0
Proposed NPL	1.500		0	0	0	0	0	0
NPL LIENS	1.500		0	0	0	0	0	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.500		0	0	0	0	0	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
SEMS	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	1.000		0	0	0	0	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.500		0	0	0	0	0	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	1.000		0	0	0	0	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.750		0	0	0	0	NR	0
RCRA-SQG	0.750		0	0	0	0	NR	0
RCRA-VSQG	0.750		0	0	0	0	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	1.000		0	0	0	0	NR	0
US ENG CONTROLS	1.000		0	0	0	0	NR	0
US INST CONTROLS	1.000		0	0	0	0	NR	0
<i>Federal ERNS list</i>								
ERNS	0.500		0	0	0	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
HSL	1.500		0	0	0	1	0	1
<i>State- and tribal - equivalent CERCLIS</i>								
CSCSL	1.500		0	0	0	2	0	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	1.000		0	0	0	0	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	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
INDIAN LUST	1.000		0	0	0	0	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.750		0	0	0	0	NR	0
UST	0.750		0	0	0	0	NR	0
AST	0.750		0	0	0	0	NR	0
INDIAN UST	0.750		0	0	0	0	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	1.000		0	0	0	0	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	1.000		0	0	0	0	NR	0
VCP	1.000		0	0	0	0	NR	0
ICR	1.000		0	0	0	0	NR	0
PTAP	1.000		0	0	0	0	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	1.000		0	0	0	0	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
Local Brownfield lists								
US BROWNFIELDS	1.000		0	0	0	0	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	1.000		0	0	0	0	NR	0
SWTIRE	1.000		0	0	0	0	NR	0
INDIAN ODI	1.000		0	0	0	0	NR	0
DEBRIS REGION 9	1.000		0	0	0	0	NR	0
ODI	1.000		0	0	0	0	NR	0
IHS OPEN DUMPS	1.000		0	0	0	0	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.500		0	0	0	NR	NR	0
ALLSITES	1.000		0	0	0	7	NR	7
CDL	0.500		0	0	0	NR	NR	0
HIST CDL	0.500		0	0	0	NR	NR	0
CSCSL NFA	1.000		0	0	0	1	NR	1
US CDL	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	1.000		0	0	0	0	NR	0
PFAS	1.000		0	0	0	0	NR	0
Local Land Records								
LIENS 2	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.500		0	0	0	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
SPILLS	0.500		0	0	1	NR	NR	1
SPILLS 90	0.500		0	0	0	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.750		0	0	0	0	NR	0
FUDS	1.500		0	0	0	0	0	0
DOD	1.500		0	0	0	0	0	0
SCRD DRYCLEANERS	1.000		0	0	0	0	NR	0
US FIN ASSUR	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.750		0	0	0	0	NR	0
TSCA	0.500		0	0	0	NR	NR	0
TRIS	0.500		0	0	0	NR	NR	0
SSTS	0.500		0	0	0	NR	NR	0
ROD	1.500		0	0	0	0	0	0
RMP	0.500		0	0	0	NR	NR	0
RAATS	0.500		0	0	0	NR	NR	0
PRP	0.500		0	0	0	NR	NR	0
PADS	0.500		0	0	0	NR	NR	0
ICIS	0.500		0	0	0	NR	NR	0
FTTS	0.500		0	0	0	NR	NR	0
MLTS	0.500		0	0	0	NR	NR	0
COAL ASH DOE	0.500		0	0	0	NR	NR	0
COAL ASH EPA	1.000		0	0	0	0	NR	0
PCB TRANSFORMER	0.500		0	0	0	NR	NR	0
RADINFO	0.500		0	0	0	NR	NR	0
HIST FTTS	0.500		0	0	0	NR	NR	0
DOT OPS	0.500		0	0	0	NR	NR	0
CONSENT	1.500		0	0	0	0	0	0
INDIAN RESERV	1.500		0	0	0	0	0	0
FUSRAP	1.500		0	0	0	0	0	0
UMTRA	1.000		0	0	0	0	NR	0
LEAD SMELTERS	0.500		0	0	0	NR	NR	0
US AIRS	0.500		0	0	0	NR	NR	0
US MINES	0.750		0	0	0	0	NR	0
ABANDONED MINES	0.750		0	0	0	0	NR	0
FINDS	0.500		0	0	0	NR	NR	0
ECHO	0.500		0	0	0	NR	NR	0
DOCKET HWC	0.500		0	0	0	NR	NR	0
UXO	1.500		0	0	0	0	0	0
FUELS PROGRAM	0.750		0	0	0	0	NR	0
AIRS	0.500		0	0	0	NR	NR	0
ASBESTOS	0.500		0	0	0	NR	NR	0
COAL ASH	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.750		0	0	0	0	NR	0
Financial Assurance	0.500		0	0	0	NR	NR	0
Inactive Drycleaners	0.750		0	0	0	0	NR	0
MANIFEST	0.750		0	0	0	0	NR	0
NPDES	0.500		0	0	0	NR	NR	0
UIC	0.500		0	0	0	NR	NR	0
MINES MRDS	0.500		0	0	0	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
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.500		0	0	0	0	0	0
EDR Hist Auto	0.625		0	0	0	0	NR	0
EDR Hist Cleaner	0.625		0	0	0	0	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	0.500		0	0	0	NR	NR	0
RGA LF	0.500		0	0	0	NR	NR	0
RGA LUST	0.500		0	0	0	NR	NR	0
- Totals --		0	0	0	1	11	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
 Direction
 Distance
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

1
SE
1/4-1/2
0.399 mi.
2107 ft.

SWEAZYS AUTO REPAIR & UPHOLSTERY
587 MINERAL CREEK RD
MINERAL, WA

SPILLS **S107673064**
N/A

Relative:
Lower

SPILLS:

Actual:
1383 ft.

Name: SWEAZYS AUTO REPAIR & UPHOLSTERY
 Address: 587 MINERAL CREEK RD
 City,State,Zip: MINERAL, WA
 Facility ID: 656080
 Medium: AIR
 Material Desc: OTHER HAZARDOUS
 Material Qty: Not reported
 Material Units: Not reported
 Date Received: 04/09/2015
 Contact Name: Sweazy
 Incident Date: Not reported
 Incident Category Type: Not reported
 Incident Category: Not reported
 Latitude: Not reported
 Longitude: Not reported
 Source Type: Not reported
 Source: Not reported
 Vessel Facility Name2: Not reported
 Recovered Quantity: Not reported
 Resp Party Contact: Not reported
 Cause: Not reported
 Cause Type: Not reported
 Resp Party Name: Not reported

Name: SWEAZY'S AUTO WRECKING
 Address: 587 MINERAL CREEK ROAD
 City,State,Zip: MINERAL, WA
 Facility ID: 546388
 Medium: Not reported
 Material Desc: CHEMICAL
 Material Qty: Not reported
 Material Units: Not reported
 Date Received: 02/18/2005
 Contact Name: SWEAZY
 Incident Date: Not reported
 Incident Category Type: Not reported
 Incident Category: Not reported
 Latitude: Not reported
 Longitude: Not reported
 Source Type: Not reported
 Source: Not reported
 Vessel Facility Name2: Not reported
 Recovered Quantity: Not reported
 Resp Party Contact: Not reported
 Cause: Not reported
 Cause Type: Not reported
 Resp Party Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

2
South
1/2-1
0.518 mi.
2735 ft.

MINERAL DROP BOX
292 MINERAL CREEK RD
MINERAL, WA 98355

ALLSITES **1011847978**
FINDS **N/A**

Relative:
Lower
Actual:
1405 ft.

ALLSITES:
Name: MINERAL DROP BOX
Facility Id: 2197067

FINDS:
Registry ID: 110037068491

Click Here:

Environmental Interest/Information System:

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

3
SSW
1/2-1
0.797 mi.
4210 ft.

OLD GAS STATION MINERAL WA
INTERSECTION OF MINERAL RD N & S
MINERAL, WA 98355

HSL **1007121672**
CSCSL **N/A**
ALLSITES
FINDS

Relative:
Lower
Actual:
1440 ft.

HSL:
Name: OLD GAS STATION MINERAL WA
Address: Not reported
City,State,Zip: MINERAL, WA
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: LEWIS
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Awaiting Cleanup
FSID Number: 8202906
Rank: 3
Region: SW
EDR Link ID: 8202906
Region Decode: SOUTHWEST REGIONAL OFFICE

CSCSL:
Name: OLD GAS STATION MINERAL WA
Address: INTERSECTION OF MINERAL RD N & S
City,State,Zip: MINERAL, WA 98355
Facility ID: 8202906
Region: Southwest
Lat/Long: 46.712734218142 / -122.1809311968
Clean Up Siteid: 4133
Site Status: Awaiting Cleanup
Contaminant Name: Non-Halogenated Solvents
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OLD GAS STATION MINERAL WA (Continued)

1007121672

Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

Name: OLD GAS STATION MINERAL WA
Address: INTERSECTION OF MINERAL RD N & S
City, State, Zip: MINERAL, WA 98355
Facility ID: 8202906
Region: Southwest
Lat/Long: 46.712734218142 / -122.1809311968
Clean Up Siteid: 4133
Site Status: Awaiting Cleanup
Contaminant Name: Petroleum Products-Unspecified
Alternate Site Names: Not reported
Site Rank: 3 - Moderate Risk
Has Institutional Control: Not reported
Past VCP: Not reported
Current VCP: Not reported
Ground Water: Suspected
Surface Water: Not reported
Soil: Confirmed Above Cleanup Levels
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:

Name: OLD GAS STATION MINERAL WA
Facility Id: 8202906

FINDS:

Registry ID: 110015929771

Click Here:

Environmental Interest/Information System:

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MAP FINDINGS

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

4 SSW 1/2-1 0.806 mi. 4254 ft.	MINERAL LAKE DAM MINERAL, WA 98355	ALLSITES	S109556183 N/A
Relative: Lower	ALLSITES: Name: MINERAL LAKE DAM Facility Id: 84469353		
Actual: 1424 ft.			

A5 SSW 1/2-1 0.859 mi. 4535 ft.	MINERAL LAKE MINERAL RD MINERAL, WA 98355	ALLSITES CSCSL NFA	S100080019 N/A
Relative: Lower	Site 1 of 2 in cluster A ALLSITES: Name: MINERAL LAKE Facility Id: 1302		
Actual: 1448 ft.			

CSCSL NFA:

Name:	MINERAL LAKE
Address:	MINERAL RD
City, State, Zip:	MINERAL, WA 98355
Facility/Site Id:	1302
CS Id:	3771
NFA Date:	02/24/2003
Alternate Site Names:	OLD GAS STATION, MINERAL WA
NFA Reason:	NFA-SHA, IRAP, or VCP
Site Status:	NFA
Region:	Southwest
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Confirmed Above Cleanup Levels
Soil:	Confirmed Above Cleanup Levels
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Latitude:	46.71783
Longitude:	-122.18066

A6 SSW 1/2-1 0.888 mi. 4687 ft.	MINERAL MARKET 104 FRONT ST E MINERAL, WA 98355	ALLSITES FINDS	1007070418 N/A
Relative: Lower	Site 2 of 2 in cluster A ALLSITES: Name: MINERAL MARKET Facility Id: 45536617		
Actual: 1450 ft.			

FINDS:
 Registry ID: 110015470284

Click Here:
 Environmental Interest/Information System:
 Washington Facility / Site Identification System (WA-FSIS) provides a

MAP FINDINGS

MINERAL MARKET (Continued)

1007070418

means to query and display data maintained by the Washington Department of Ecology. This system contains key information for each facility/site that is currently, or has been, of interest to the Air Quality, Dam Safety, Hazardous Waste, Toxics Cleanup, and Water Quality Programs.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

WA Financial Assurance 1:

Name: MINERAL MARKET
 Address: 104 FRONT ST E
 City,State,Zip: MINERAL, WA 98355
 DOE Site ID: 412684
 Financial Resp Type: COLONY INSURANCE COMPANY
 Inception Date: 09/10/2019
 Expiration Date: 10/15/2020
 Address 2: Not reported
 Policy Number: WA64255-1
 Effective Date: 09/10/2019
 Liability Limit Type: Mktg, 1-100 tanks; 1m per occurrence, 1m aggregate
 Compliance Method: Approved pollution liability insurance
 Proof of Responsibility Document Flag: 0
 Retroactive Date: 04/18/2018
 Latitude: 46.717229
 Longitude: -122.182429

Name: MINERAL MARKET
 Address: 104 FRONT ST E
 City,State,Zip: MINERAL, WA 98355
 DOE Site ID: 412684
 Financial Resp Type: COLONY INSURANCE COMPANY
 Inception Date: 03/05/2015
 Expiration Date: 04/18/2016
 Address 2: Not reported
 Policy Number: WA641505-5
 Effective Date: 04/18/2015
 Liability Limit Type: Mktg, 1-100 tanks; 1m per occurrence, 1m aggregate
 Compliance Method: Approved pollution liability insurance
 Proof of Responsibility Document Flag: 0
 Retroactive Date: 04/18/2018
 Latitude: 46.717229
 Longitude: -122.182429

Name: MINERAL MARKET
 Address: 104 FRONT ST E
 City,State,Zip: MINERAL, WA 98355
 DOE Site ID: 412684
 Financial Resp Type: COLONY INSURANCE COMPANY
 Inception Date: 04/05/2016
 Expiration Date: 04/18/2017
 Address 2: Not reported
 Policy Number: WA641505-6
 Effective Date: 04/07/2016
 Liability Limit Type: Mktg, 1-100 tanks; 1m per occurrence, 1m aggregate
 Compliance Method: Approved pollution liability insurance
 Proof of Responsibility Document Flag: 0
 Retroactive Date: 04/18/2018

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MINERAL MARKET (Continued)

1007070418

Latitude:	46.717229
Longitude:	-122.182429
Name:	MINERAL MARKET
Address:	104 FRONT ST E
City,State,Zip:	MINERAL, WA 98355
DOE Site ID:	412684
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	03/21/2017
Expiration Date:	04/18/2018
Address 2:	Not reported
Policy Number:	WA641505-7
Effective Date:	03/21/2017
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurrence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	04/18/2018
Latitude:	46.717229
Longitude:	-122.182429
Name:	MINERAL MARKET
Address:	104 FRONT ST E
City,State,Zip:	MINERAL, WA 98355
DOE Site ID:	412684
Financial Resp Type:	COLONY INSURANCE COMPANY
Inception Date:	10/15/2018
Expiration Date:	10/15/2019
Address 2:	Not reported
Policy Number:	WA642552
Effective Date:	10/15/2018
Liability Limit Type:	Mktg, 1-100 tanks; 1m per occurrence, 1m aggregate
Compliance Method:	Approved pollution liability insurance
Proof of Responsibility Document Flag:	0
Retroactive Date:	04/18/2018
Latitude:	46.717229
Longitude:	-122.182429

7
SSE
1/2-1
0.891 mi.
4706 ft.

MOUNT RAINIER SCENIC RR MINERAL SHOP
349 MINERAL CREEK RD
MINERAL, WA 98355

CSCSL S108163264
ALLSITES N/A

Relative:
Lower
Actual:
1419 ft.

CSCSL:

Name:	MOUNT RAINIER SCENIC RR MINERAL SHOP
Address:	349 MINERAL CREEK RD
City,State,Zip:	MINERAL, WA 98355
Facility ID:	6293931
Region:	Southwest
Lat/Long:	46.72805 / -122.14547
Clean Up Siteid:	2842
Site Status:	Awaiting Cleanup
Contaminant Name:	Petroleum Products-Unspecified
Alternate Site Names:	MURRAY PACIFIC CORP MINERAL, WEST FORK TIMBER MINERAL TREE FARM
Site Rank:	Not reported
Has Institutional Control:	Not reported
Past VCP:	Not reported
Current VCP:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOUNT RAINIER SCENIC RR MINERAL SHOP (Continued)

S108163264

Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:

Name: MOUNT RAINIER SCENIC RR MINERAL SHOP
Facility Id: 6293931

8
SSW
1/2-1
0.917 mi.
4844 ft.

CENTURYTEL MINERAL
116 FRONT ST
MINERAL, WA 98355

ALLSITES **1007074776**
FINDS **N/A**

Relative:
Lower
Actual:
1460 ft.

ALLSITES:
Name: CENTURYTEL MINERAL
Facility Id: 18836372

FINDS:
Registry ID: 110015514184

Click Here:

Environmental Interest/Information System:

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[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MINERAL	S115344147	MINERAL LAKE	MINERAL ROAD		RGA HWS

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: 07/29/2020	Source: EPA
Date Data Arrived at EDR: 08/03/2020	Telephone: N/A
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 10/01/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/11/2021
	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: 07/29/2020	Source: EPA
Date Data Arrived at EDR: 08/03/2020	Telephone: N/A
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 10/02/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/11/2021
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
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: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/11/2021
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 known 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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/25/2021
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: 07/29/2020	Source: EPA
Date Data Arrived at EDR: 08/03/2020	Telephone: 800-424-9346
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 10/06/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/25/2021
	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: 06/15/2020	Source: EPA
Date Data Arrived at EDR: 06/22/2020	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 09/22/2020
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/04/2021
	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: 06/15/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/22/2020	Telephone: (206) 553-1200
Date Made Active in Reports: 09/18/2020	Last EDR Contact: 09/22/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/04/2021
	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: 06/15/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/22/2020	Telephone: (206) 553-1200
Date Made Active in Reports: 09/18/2020	Last EDR Contact: 09/22/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/04/2021
	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: 06/15/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/22/2020	Telephone: (206) 553-1200
Date Made Active in Reports: 09/18/2020	Last EDR Contact: 09/22/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/04/2021
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly 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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/22/2020	Telephone: (206) 553-1200
Date Made Active in Reports: 09/18/2020	Last EDR Contact: 09/22/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/04/2021
	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: 05/15/2020	Source: Department of the Navy
Date Data Arrived at EDR: 05/19/2020	Telephone: 843-820-7326
Date Made Active in Reports: 06/18/2020	Last EDR Contact: 08/04/2020
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/23/2020
	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: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 08/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/07/2020
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 08/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/07/2020
	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: 06/15/2020

Date Data Arrived at EDR: 06/22/2020

Date Made Active in Reports: 09/17/2020

Number of Days to Update: 87

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/22/2020

Next Scheduled EDR Contact: 01/04/2021

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSL: Hazardous Sites List

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

Date of Government Version: 02/26/2020

Date Data Arrived at EDR: 03/05/2020

Date Made Active in Reports: 05/04/2020

Number of Days to Update: 60

Source: Department of Ecology

Telephone: 360-407-7200

Last EDR Contact: 09/01/2020

Next Scheduled EDR Contact: 12/14/2020

Data Release Frequency: Semi-Annually

State- and tribal - equivalent CERCLIS

CSCSL: Confirmed and Suspected Contaminated Sites List

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

Date of Government Version: 07/13/2020

Date Data Arrived at EDR: 07/15/2020

Date Made Active in Reports: 09/30/2020

Number of Days to Update: 77

Source: Department of Ecology

Telephone: 360-407-7200

Last EDR Contact: 07/15/2020

Next Scheduled EDR Contact: 10/26/2020

Data Release Frequency: Quarterly

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

SWF/LF: Solid Waste Facility Database

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

Date of Government Version: 06/05/2020

Date Data Arrived at EDR: 06/11/2020

Date Made Active in Reports: 07/01/2020

Number of Days to Update: 20

Source: Department of Ecology

Telephone: 360-407-6132

Last EDR Contact: 09/04/2020

Next Scheduled EDR Contact: 12/14/2020

Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tanks Site List

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

Date of Government Version: 05/12/2020

Date Data Arrived at EDR: 05/13/2020

Date Made Active in Reports: 07/30/2020

Number of Days to Update: 78

Source: Department of Ecology

Telephone: 360-407-7183

Last EDR Contact: 08/11/2020

Next Scheduled EDR Contact: 11/23/2020

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/14/2020	Source: EPA Region 10
Date Data Arrived at EDR: 05/20/2020	Telephone: 206-553-2857
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	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: 04/29/2020	Source: EPA Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-8677
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-7439
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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: 04/08/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3372
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	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: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6271
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	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: 04/15/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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: 02/01/2020	Source: FEMA
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-646-5797
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 10/01/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/18/2021
	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: 05/12/2020	Source: Department of Ecology
Date Data Arrived at EDR: 05/13/2020	Telephone: 360-407-7183
Date Made Active in Reports: 07/30/2020	Last EDR Contact: 08/14/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Locations

A listing of aboveground storage tank locations regulated by the Department of Ecology's Spill Prevention, Preparedness and Response Program.

Date of Government Version: 12/14/2015	Source: Department of Ecology
Date Data Arrived at EDR: 02/02/2016	Telephone: 360-407-7562
Date Made Active in Reports: 05/03/2016	Last EDR Contact: 07/22/2020
Number of Days to Update: 91	Next Scheduled EDR Contact: 11/09/2020
	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: 04/08/2020	Source: EPA Region 9
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3368
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/23/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2020
	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: 04/14/2020	Source: EPA Region 10
Date Data Arrived at EDR: 05/20/2020	Telephone: 206-553-2857
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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: 04/14/2020	Source: EPA Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-6136
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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: 04/29/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	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: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-9424
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/02/2020
	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: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6137
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/02/2020
	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: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

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: 04/03/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/13/2020	Source: Department of Ecology
Date Data Arrived at EDR: 07/15/2020	Telephone: 360-407-7170
Date Made Active in Reports: 09/30/2020	Last EDR Contact: 07/15/2020
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/26/2020
	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: 09/16/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/04/2021
	Data Release Frequency: Varies

ICR: Independent Cleanup Reports

These are remedial action reports Ecology has received from either the owner or operator of the sites. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer updated by the Department of Ecology.

Date of Government Version: 12/01/2002	Source: Department of Ecology
Date Data Arrived at EDR: 01/03/2003	Telephone: 360-407-7200
Date Made Active in Reports: 01/22/2003	Last EDR Contact: 08/10/2009
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/09/2009
	Data Release Frequency: No Update Planned

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

VCP: Voluntary Cleanup Program Sites

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 07/13/2020	Source: Department of Ecology
Date Data Arrived at EDR: 07/15/2020	Telephone: 360-407-7200
Date Made Active in Reports: 10/05/2020	Last EDR Contact: 07/15/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Varies

PTAP: PTAP Site Listing

A list of sites accepted into the Petroleum Technical Assistance Program. The Petroleum Technical Assistance Program (PTAP) expands the state's ability to respond to the high customer demand to clean up petroleum contaminated sites. Under the PTAP, the Pollution Liability Insurance Agency (PLIA) may provide informal site-specific technical consultations and issue written opinion letters to persons conducting independent remedial actions at qualifying petroleum cleanup sites. PLIA may provide these services under the authority of RCW 70.149.040(9) and the Model Toxics Control Act (MTCA), Chapter 70.149 RCW and Chapter 173-340 WAC.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 07/30/2020
Number of Days to Update: 78

Source: Department of Ecology
Telephone: 360-407-0515
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

A listing of brownfields sites included in the Confirmed & Suspected Sites Listing. Brownfields are abandoned, idle or underused commercial or industrial properties, where the expansion or redevelopment is hindered by real or perceived contamination. Brownfields vary in size, location, age, and past use -- they can be anything from a five-hundred acre automobile assembly plant to a small, abandoned corner gas station.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 09/30/2020
Number of Days to Update: 77

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

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: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facility List

A listing of recycling center locations.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/11/2020
Number of Days to Update: 84

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SWTIRE 2: Solid Waste Tire Facilities 2

solid waste tire piles

Date of Government Version: 06/03/2020
Date Data Arrived at EDR: 06/04/2020
Date Made Active in Reports: 08/18/2020
Number of Days to Update: 75

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWTIRE: Solid Waste Tire Facilities

This study identified sites statewide with unauthorized accumulations of scrap tires.

Date of Government Version: 11/01/2005	Source: Department of Ecology
Date Data Arrived at EDR: 03/16/2006	Telephone: N/A
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 09/08/2017
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Varies

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: 07/21/2020
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2020
	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: 07/14/2020
Number of Days to Update: 137	Next Scheduled EDR Contact: 11/02/2020
	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.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/31/2020
Number of Days to Update: 176	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 03/18/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-307-1000
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 08/19/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/07/2020
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ALLSITES: Facility/Site Identification System Listing

Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 04/17/2020	Source: Department of Ecology
Date Data Arrived at EDR: 04/28/2020	Telephone: 360-407-6423
Date Made Active in Reports: 07/13/2020	Last EDR Contact: 07/22/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Contaminated Site List

Illegal methamphetamine labs use hazardous chemicals that create public health hazards. Chemicals and residues can cause burns, respiratory and neurological damage, and death. Biological hazards associated with intravenous needles, feces, and blood also pose health risks.

Date of Government Version: 12/31/2019	Source: Department of Health
Date Data Arrived at EDR: 02/13/2020	Telephone: 360-236-3380
Date Made Active in Reports: 04/22/2020	Last EDR Contact: 07/28/2020
Number of Days to Update: 69	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Varies

HIST CDL: List of Sites Contaminated by Clandestine Drug Labs

This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007	Source: Department of Health
Date Data Arrived at EDR: 06/26/2007	Telephone: 360-236-3381
Date Made Active in Reports: 07/19/2007	Last EDR Contact: 06/02/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

CSCSL NFA: Confirmed and Contaminated Sites - No Further Action

This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/13/2020	Source: Department of Ecology
Date Data Arrived at EDR: 07/15/2020	Telephone: 360-407-7170
Date Made Active in Reports: 09/30/2020	Last EDR Contact: 07/15/2020
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Quarterly

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: 03/18/2020	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-307-1000
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 08/19/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/07/2020
	Data Release Frequency: Quarterly

AQUEOUS FOAM: Firefighting Foam Incidents

Aqueous film-forming foam-laced water running off from fuel spills, firefighting events and routine training sessions has put those chemicals in ground water, surface water, sediments, biota, and other natural resources of the state.

Date of Government Version: 07/06/2020	Source: Department of Ecology
Date Data Arrived at EDR: 07/08/2020	Telephone: 360-407-6116
Date Made Active in Reports: 09/25/2020	Last EDR Contact: 10/02/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/18/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Contamination Site Location Listing

PFOS and PFOA stand for perfluorooctane sulfonate and perfluorooctanoic acid, respectively. Both are fluorinated organic chemicals, part of a larger family of compounds referred to as perfluoroalkyl substances (PFASs).

Date of Government Version: 07/14/2020	Source: Department of Ecology
Date Data Arrived at EDR: 07/16/2020	Telephone: 360-407-6116
Date Made Active in Reports: 10/05/2020	Last EDR Contact: 10/02/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 01/18/2021
	Data Release Frequency: Varies

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: 07/29/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2020	Telephone: 202-564-6023
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 10/01/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/11/2021
	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: 06/22/2020	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/23/2020	Telephone: 202-366-4555
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 09/22/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/04/2021
	Data Release Frequency: Quarterly

SPILLS: Reported Spills

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 06/08/2020	Source: Department of Ecology
Date Data Arrived at EDR: 06/17/2020	Telephone: 360-407-6950
Date Made Active in Reports: 09/01/2020	Last EDR Contact: 08/26/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/14/2020
	Data Release Frequency: Semi-Annually

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: 05/23/2006	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/06/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 62	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
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: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/18/2021
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.

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: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/31/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/16/2020
	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: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/06/2020
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/16/2020
	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: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 09/18/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/28/2020
	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.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: 202-566-0250
Date Made Active in Reports: 04/24/2020	Last EDR Contact: 08/14/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/30/2020
	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: 07/20/2020	Source: EPA
Date Data Arrived at EDR: 07/21/2020	Telephone: 202-564-4203
Date Made Active in Reports: 10/08/2020	Last EDR Contact: 07/21/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/29/2020	Source: EPA
Date Data Arrived at EDR: 08/03/2020	Telephone: 703-416-0223
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 10/01/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/14/2020
	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: 01/31/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/13/2020	Telephone: 202-564-8600
Date Made Active in Reports: 08/03/2020	Last EDR Contact: 07/15/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/02/2020
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 10/01/2020
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/16/2020
	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: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 10/02/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/18/2021
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/18/2021
	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: No Update Planned

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: No Update Planned

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: 08/05/2020	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/10/2020	Telephone: 301-415-7169
Date Made Active in Reports: 10/08/2020	Last EDR Contact: 07/20/2020
Number of Days to Update: 59	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018	Source: Department of Energy
Date Data Arrived at EDR: 12/04/2019	Telephone: 202-586-8719
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 09/04/2020
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/14/2020
	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: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/31/2020
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/14/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/06/2020
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/16/2020
	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: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/11/2021
	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.

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: 12/17/2008
Number of Days to Update: 40	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: 01/02/2020	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 01/28/2020	Telephone: 202-366-4595
Date Made Active in Reports: 04/17/2020	Last EDR Contact: 07/27/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
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: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 10/06/2020
Next Scheduled EDR Contact: 01/18/2021
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
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.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

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.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/28/2020
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/07/2020
	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: 06/22/2020	Source: Department of Interior
Date Data Arrived at EDR: 06/22/2020	Telephone: 202-208-2609
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 09/16/2020
Number of Days to Update: 80	Next Scheduled EDR Contact: 12/21/2020
	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: 02/03/2020	Source: EPA
Date Data Arrived at EDR: 03/03/2020	Telephone: (206) 553-1200
Date Made Active in Reports: 05/28/2020	Last EDR Contact: 09/15/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/14/2020
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 08/19/2020
Number of Days to Update: 71	Next Scheduled EDR Contact: 12/07/2020
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/02/2020	Telephone: 202-564-2280
Date Made Active in Reports: 09/28/2020	Last EDR Contact: 10/06/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/18/2021
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/25/2021
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: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System Emissions inventory data.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/06/2020
Number of Days to Update: 69

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 10/12/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Annually

ASBESTOS: Asbestos Notification Listing Asbestos sites

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/21/2020
Number of Days to Update: 77

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/12/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing A listing of coal ash disposal site locations.

Date of Government Version: 06/09/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 06/24/2020
Number of Days to Update: 15

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/26/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner List

A listing of registered drycleaners who registered with the Department of Ecology (using the SIC code of 7215 and 7216) as hazardous waste generators.

Date of Government Version: 07/21/2020
Date Data Arrived at EDR: 07/22/2020
Date Made Active in Reports: 10/09/2020
Number of Days to Update: 79

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 10/08/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank 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.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/04/2020
Number of Days to Update: 68

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous 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.

Date of Government Version: 05/19/2020	Source: Department of Ecology
Date Data Arrived at EDR: 05/29/2020	Telephone: 360-407-6754
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 08/05/2020
Number of Days to Update: 75	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing

A listing of 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.

Date of Government Version: 11/15/2017	Source: Department of Ecology
Date Data Arrived at EDR: 11/20/2017	Telephone: 360-407-6136
Date Made Active in Reports: 01/04/2018	Last EDR Contact: 08/05/2020
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: No Update Planned

INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 07/21/2020	Source: Department of Ecology
Date Data Arrived at EDR: 07/22/2020	Telephone: 360-407-6732
Date Made Active in Reports: 10/09/2020	Last EDR Contact: 10/08/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/25/2021
	Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 03/29/2019	Source: Department of Ecology
Date Data Arrived at EDR: 03/29/2019	Telephone: N/A
Date Made Active in Reports: 06/24/2019	Last EDR Contact: 09/14/2020
Number of Days to Update: 87	Next Scheduled EDR Contact: 12/28/2020
	Data Release Frequency: Annually

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 07/13/2020	Source: Department of Ecology
Date Data Arrived at EDR: 07/15/2020	Telephone: 360-407-6073
Date Made Active in Reports: 10/02/2020	Last EDR Contact: 07/15/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing

A listing of underground injection wells.

Date of Government Version: 07/13/2020	Source: Department of Ecology
Date Data Arrived at EDR: 07/15/2020	Telephone: 360-407-6143
Date Made Active in Reports: 10/02/2020	Last EDR Contact: 07/15/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Quarterly

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 10/02/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

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

EDR Hist Auto: EDR Exclusive Historical 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Varies

EDR Hist Cleaner: EDR Exclusive Historical 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
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: 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 Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
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 Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
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 Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

KING COUNTY:

LF KING: Abandoned Landfill Study in King County

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

Date of Government Version: 04/30/1985	Source: Seattle-King County Department of Public Health
Date Data Arrived at EDR: 11/07/1994	Telephone: 206-296-4785
Date Made Active in Reports: N/A	Last EDR Contact: 10/21/1994
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SEATTLE COUNTY:

LF SEATTLE CITY: Abandoned Landfill Study in the City of Seattle

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

Date of Government Version: 07/30/1984	Source: Seattle - King County Department of Public Health
Date Data Arrived at EDR: 11/07/1994	Telephone: 206-296-4785
Date Made Active in Reports: N/A	Last EDR Contact: 10/21/1994
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SEATTLE/KING COUNTY:

LF SEATTLE/KING: Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

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

Date of Government Version: 12/31/1986	Source: Department of Public Health
Date Data Arrived at EDR: 08/18/1995	Telephone: 206-296-4785
Date Made Active in Reports: 09/20/1995	Last EDR Contact: 08/14/1995
Number of Days to Update: 33	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SNOHOMISH COUNTY:

LF SNOHOMISH: Solid Waste Sites of Record at Snohomish Health District

Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 09/23/2019	Source: Snohomish Health District
Date Data Arrived at EDR: 09/25/2019	Telephone: 206-339-5250
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 10/12/2020
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/28/2020
	Data Release Frequency: No Update Planned

TACOMA/PIERCE COUNTY:

LF TACOMA/PIERCE: Closed Landfill Survey

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2002
Date Data Arrived at EDR: 03/24/2003
Date Made Active in Reports: 05/14/2003
Number of Days to Update: 51

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500
Last EDR Contact: 03/19/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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.

CT MANIFEST: Hazardous Waste Manifest Data

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: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: No Update Planned

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: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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 Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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: Daycare Center Listing

Source: Department of Social & Health Services

Telephone: 253-383-1735

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: Wetland Inventory

Source: Department of Ecology

Telephone: 360-407-6121

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MINERAL LAKE UNDEVELOPED PROPERTY
MINERAL HILL ROAD
ELBE, WA 98330

TARGET PROPERTY COORDINATES

Latitude (North): 46.737335 - 46° 44' 14.41"
Longitude (West): 122.164597 - 122° 9' 52.55"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 563824.4
UTM Y (Meters): 5176096.0
Elevation: 1690 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5996230 MINERAL, WA
Version Date: 2013

North Map: 5996190 ELBE, WA
Version Date: 2013

Northeast Map: 6004443 ASHFORD, WA
Version Date: 2014

Southeast Map: 5996172 ANDERSON LAKE, WA
Version Date: 2013

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 principle 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® - 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).

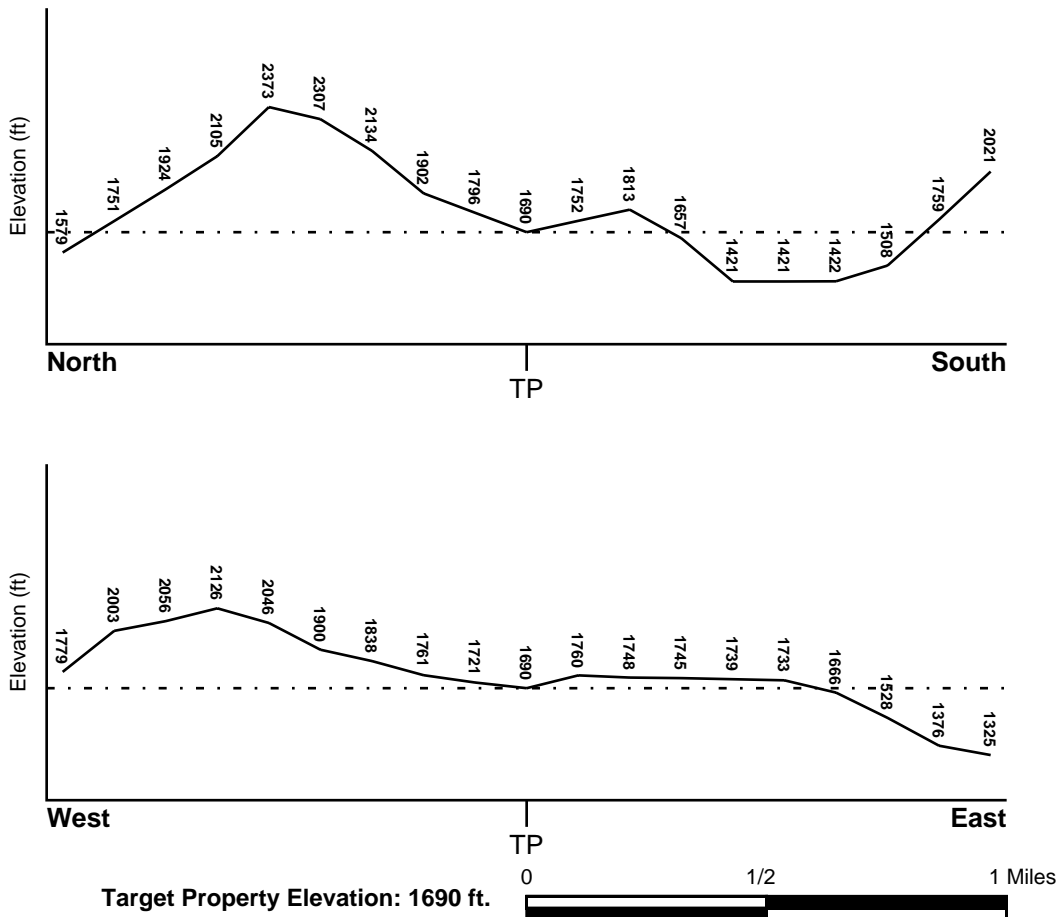
TOPOGRAPHIC INFORMATION

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 SSE

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>
5301020120B	FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
MINERAL NW	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.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

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

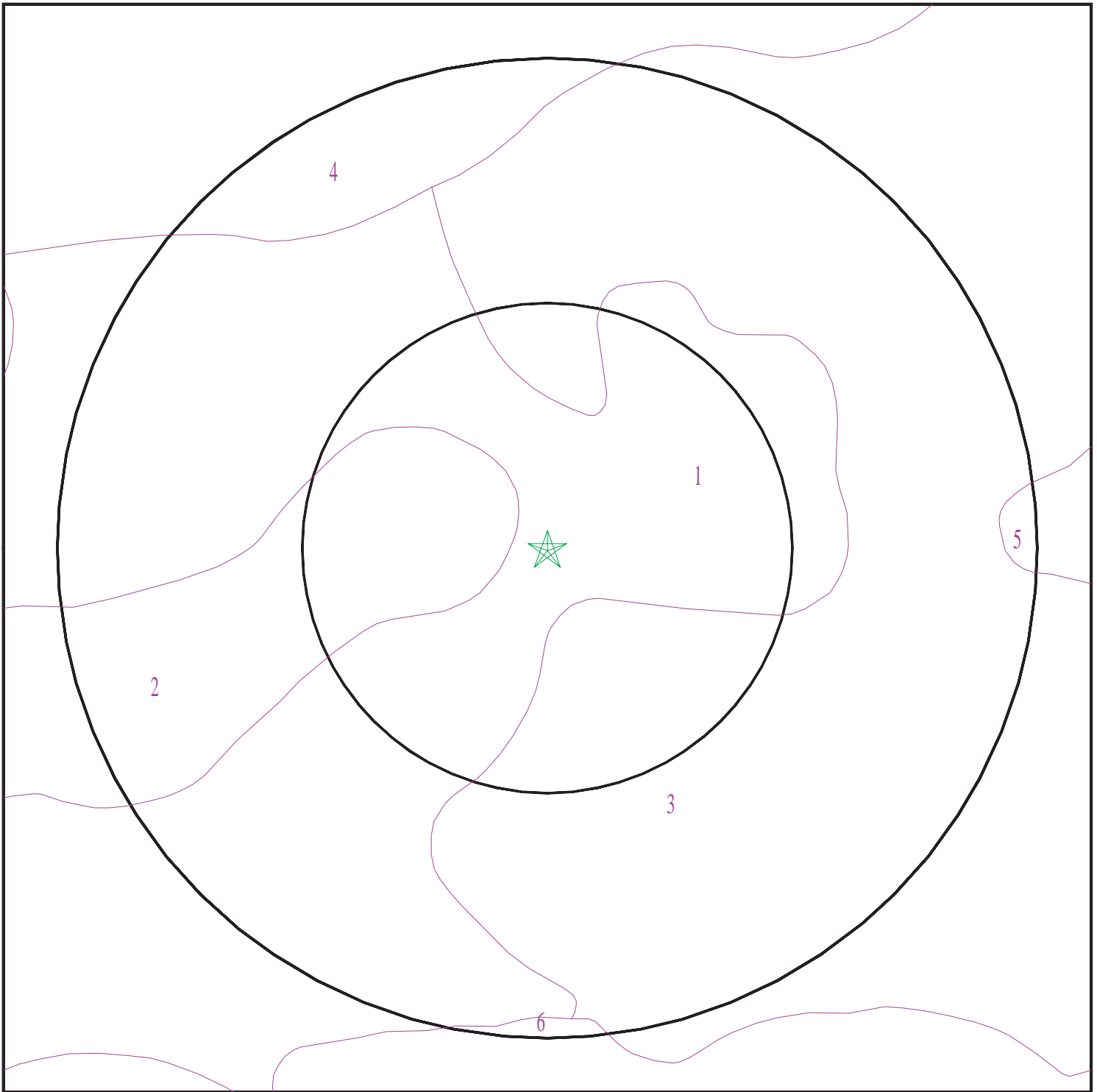
Era: Cenozoic
System: Tertiary
Series: Lower Tertiary andesite
Code: ITa (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

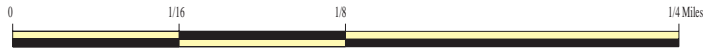
Category: Volcanic Rocks

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 - 6224465.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Mineral Lake Undeveloped Property
ADDRESS: Mineral Hill Road
Elbe WA 98330
LAT/LONG: 46.737335 / 122.164597

CLIENT: Geo Engineers, Inc.
CONTACT: Jessica A Robertson
INQUIRY #: 6224465.2s
DATE: October 13, 2020 11:53 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: Baumgard

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 117 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	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	14 inches	31 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	31 inches	46 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

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		
4	46 inches	50 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 2

Soil Component Name: Newaukum

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	9 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	9 inches	51 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 7.3 Min: 5.6

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		
3	51 inches	59 inches	very cobbly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Map ID: 3

Soil Component Name: Zynbar

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	12 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
2	12 inches	44 inches	gravelly silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

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		
3	44 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Elastic silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Map ID: 4

Soil Component Name: Pheeny

Soil Surface Texture: gravelly 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: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 74 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	3 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:
2	3 inches	29 inches	extremely gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

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		
3	29 inches	33 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Klaber

Soil Surface Texture: silt 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: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 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	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 6 Min: 5.1
2	7 inches	22 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 6 Min: 5.1

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		
3	22 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 6 Min: 5.1

Soil Map ID: 6

Soil Component Name: Schneider

Soil Surface Texture: very gravelly silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	5 inches	very gravelly silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
2	5 inches	29 inches	very cobbly silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

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		
3	29 inches	44 inches	extremely cobbly silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:
4	44 inches	48 inches	unweathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: Min:	Max: Min:

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.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
8	USGS40001229459	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

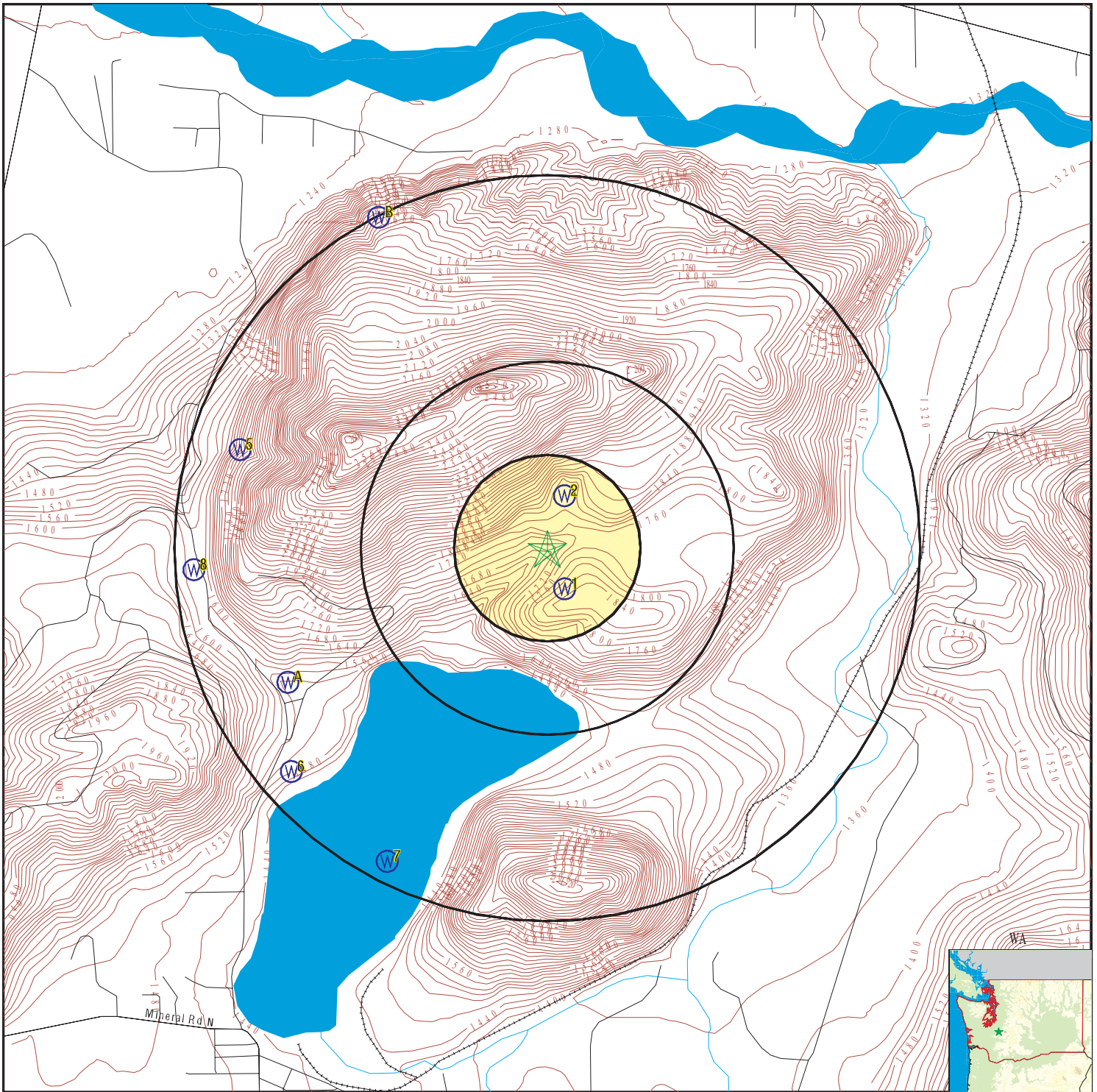
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	WALOG1000254499	0 - 1/8 Mile SSE
2	WALOG1000254500	1/8 - 1/4 Mile NNE
A3	WALOG1000487965	1/2 - 1 Mile WSW
A4	WALOG1000487964	1/2 - 1 Mile WSW
5	WALOG1000018336	1/2 - 1 Mile WNW
6	WALOG1000321801	1/2 - 1 Mile SW
7	WALOG1000379479	1/2 - 1 Mile SSW
B9	WALOG1000203463	1/2 - 1 Mile NNW
B10	WALOG1000203464	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6224465.2s



- County Boundary
- Major Roads
- Contour Lines
- 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
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Mineral Lake Undeveloped Property
 ADDRESS: Mineral Hill Road
 Elbe WA 98330
 LAT/LONG: 46.737335 / 122.164597

CLIENT: Geo Engineers, Inc.
 CONTACT: Jessica A Robertson
 INQUIRY #: 6224465.2s
 DATE: October 13, 2020 11:53 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSE
0 - 1/8 Mile
Higher

WA WELLS WALOG1000254499

Database:	Ecology Well Logs	Well Log ID:	329600
Well Tag:	AGE820	Project Tag:	Not Reported
Notice of Intent #:	W132141	Date Received:	23-JAN-02
Diameter:	6	Casing Depth:	203
Well Completion:	13-JAN-02	Well Owner:	Weyerhaeuser Real Estate Devel Co
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

2
NNE
1/8 - 1/4 Mile
Higher

WA WELLS WALOG1000254500

Database:	Ecology Well Logs	Well Log ID:	329601
Well Tag:	AGE821	Project Tag:	Not Reported
Notice of Intent #:	W132140	Date Received:	23-JAN-02
Diameter:	6	Casing Depth:	243
Well Completion:	04-JAN-02	Well Owner:	Weyerhaeuser Real Estate Devel Co
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

A3
WSW
1/2 - 1 Mile
Lower

WA WELLS WALOG1000487965

Database:	Ecology Well Logs	Well Log ID:	654929
Well Tag:	BBN865	Project Tag:	Not Reported
Notice of Intent #:	W270538	Date Received:	15-JUN-10
Diameter:	6	Casing Depth:	160
Well Completion:	01-JUN-10	Well Owner:	Mineral Lake Forest Llc
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

A4
WSW
1/2 - 1 Mile
Lower

WA WELLS WALOG1000487964

Database:	Ecology Well Logs	Well Log ID:	654927
Well Tag:	BBN866	Project Tag:	Not Reported
Notice of Intent #:	W270539	Date Received:	15-JUN-10
Diameter:	6	Casing Depth:	249

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Completion:	02-JUN-10	Well Owner:	Mineral Lake Forest Llc
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

**5
WNW
1/2 - 1 Mile
Higher**

WA WELLS WALOG1000018336

Database:	Ecology Well Logs	Well Log ID:	13369
Well Tag:	Not Reported	Project Tag:	Not Reported
Notice of Intent #:	Not Reported	Date Received:	06-JUL-76
Diameter:	6	Casing Depth:	60
Well Completion:	24-JUN-76	Well Owner:	F. L. Davis
Well Type:	Water	Driller #:	0109
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

**6
SW
1/2 - 1 Mile
Lower**

WA WELLS WALOG1000321801

Database:	Ecology Well Logs	Well Log ID:	404899
Well Tag:	AKB482	Project Tag:	Not Reported
Notice of Intent #:	WE03329	Date Received:	13-APR-05
Diameter:	6	Casing Depth:	175
Well Completion:	25-MAR-05	Well Owner:	Michael Heinz
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

**7
SSW
1/2 - 1 Mile
Lower**

WA WELLS WALOG1000379479

Database:	Ecology Well Logs	Well Log ID:	484605
Well Tag:	ALM306	Project Tag:	Not Reported
Notice of Intent #:	WE06628	Date Received:	03-JUL-07
Diameter:	6	Casing Depth:	230
Well Completion:	21-JUN-07	Well Owner:	Dorothy Breckenridge
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

8
West
1/2 - 1 Mile
Lower

FED USGS USGS40001229459

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110015
Monitor Location:	14N/05E-09C02	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	19770318
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	ft
Well Depth:	60		
Well Hole Depth:	63		

Ground water levels,Number of Measurements:	1	Level reading date:	1977-03-18
Feet below surface:	38	Feet to sea level:	Not Reported
Note:	Not Reported		

B9
NNW
1/2 - 1 Mile
Lower

WA WELLS WALOG1000203463

Database:	Ecology Well Logs	Well Log ID:	251788
Well Tag:	AEM823	Project Tag:	Not Reported
Notice of Intent #:	W070568	Date Received:	10-MAY-00
Diameter:	6	Casing Depth:	60
Well Completion:	13-MAR-00	Well Owner:	Thomas
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

B10
NNW
1/2 - 1 Mile
Lower

WA WELLS WALOG1000203464

Database:	Ecology Well Logs	Well Log ID:	251789
Well Tag:	AEM821	Project Tag:	Not Reported
Notice of Intent #:	W105215	Date Received:	17-MAY-00
Diameter:	6	Casing Depth:	60
Well Completion:	06-AUG-99	Well Owner:	Mike Janseli
Well Type:	Water	Driller #:	Not Reported
Static Level:	0	Flow Rate (GPM):	0
Flow Type:	Not Reported	PSI:	0
Well Test:	Not Reported	Water Reclamation #:	11

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LEWIS County: 3

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

Federal Area Radon Information for LEWIS COUNTY, WA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.625 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.267 pCi/L	100%	0%	0%

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: Wetland Inventory

Source: Department of Ecology

Telephone: 360-407-6121

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R 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 Wells

Source: Department of Health

Telephone: 360-236-3148

Group A and B well locations.

Water Well Listing

Source: Public Utility District

Telephone: 206-779-7656

A listing of water well locations in Kitsap County.

Ecology Well Logs

Source: Department of Ecology

Telephone: 360-407-7294

Point geodatabase with a record for each Ecology well report. Points are located by quarter quarter section centroid.

Points contain all well report types including water wells, resource protection wells, and decommissioned wells.

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Listing

Source: Department of Natural Resources

Telephone: 360-902-1450

Locations that represent oil and gas test well sites in Washington State from 1890 to present.

RADON

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

STREET AND ADDRESS INFORMATION

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APPENDIX C
Selected Historical Research Documents



Mineral Lake Undeveloped Property

Mineral Hill Road

Elbe, WA 98330

Inquiry Number: 6017045.1

March 23, 2020

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

03/23/20

Site Name:

Mineral Lake Undeveloped Pro
Mineral Hill Road
Elbe, WA 98330
EDR Inquiry # 6017045.1

Client Name:

Geo Engineers, Inc.
600 Stewart Street
Seattle, WA 98103
Contact: Jessica Robertson



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>
2017	1"=1500'	Flight Year: 2017	USDA/NAIP
2013	1"=1500'	Flight Year: 2013	USDA/NAIP
2009	1"=1500'	Flight Year: 2009	USDA/NAIP
1994	1"=1500'	Acquisition Date: July 20, 1994	USGS/DOQQ
1980	1"=1500'	Flight Date: July 28, 1980	USDA
1975	1"=1500'	Flight Date: September 19, 1975	USGS
1968	1"=1500'	Flight Date: September 04, 1968	USGS
1952	1"=1500'	Flight Date: July 28, 1952	USGS
1941	1"=1500'	Flight Date: June 11, 1941	USDA

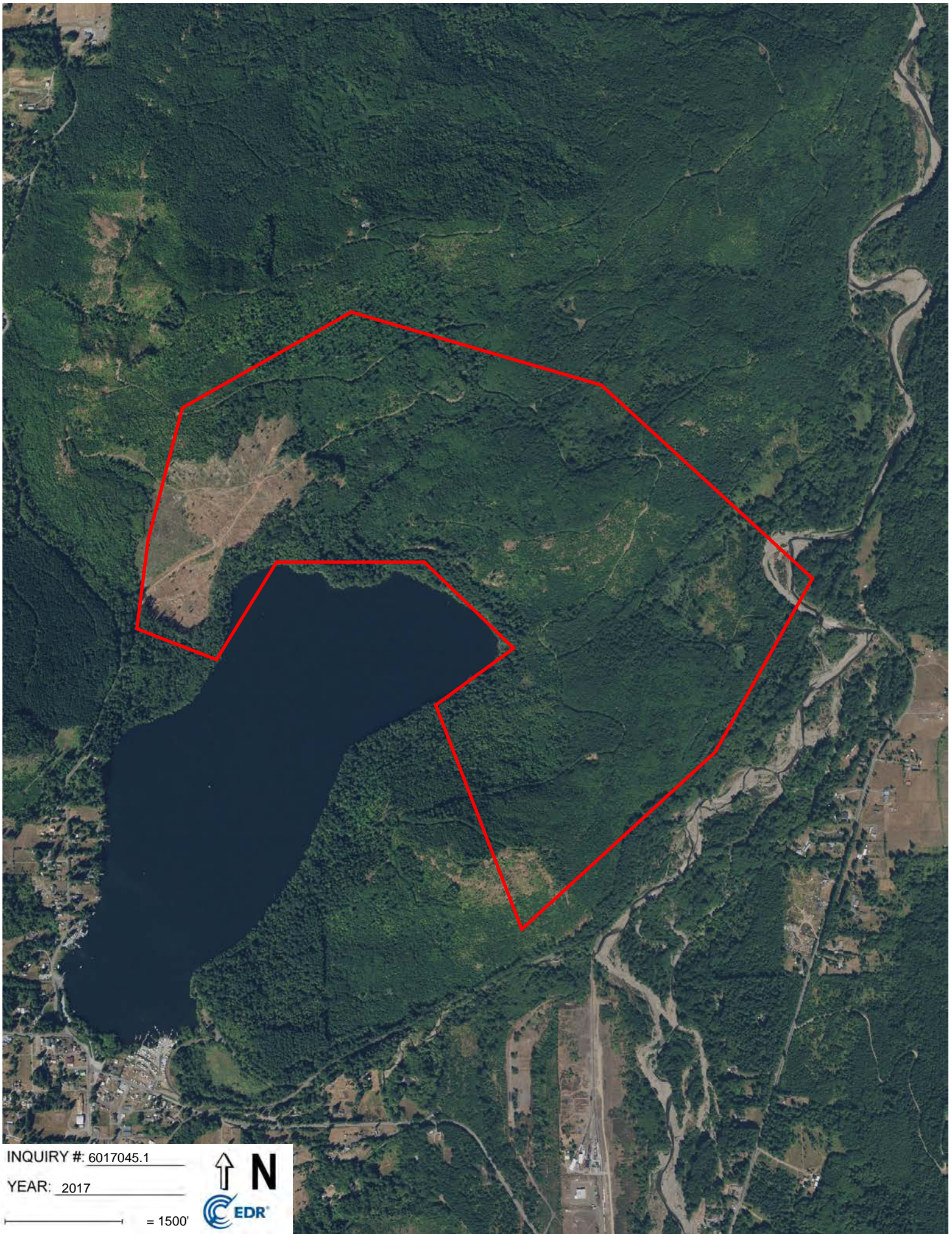
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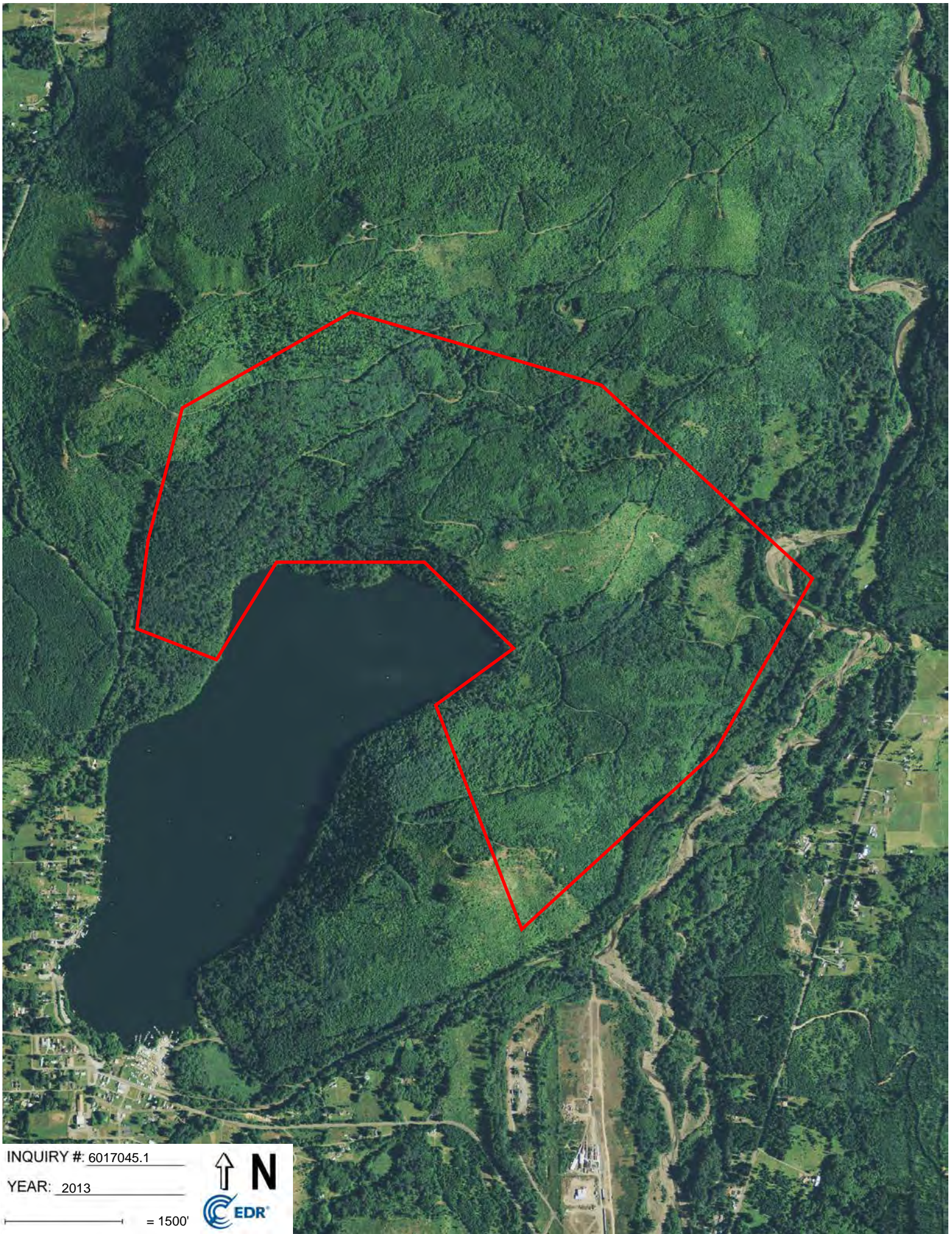


INQUIRY # 6017045.1

YEAR: 2017

1500'



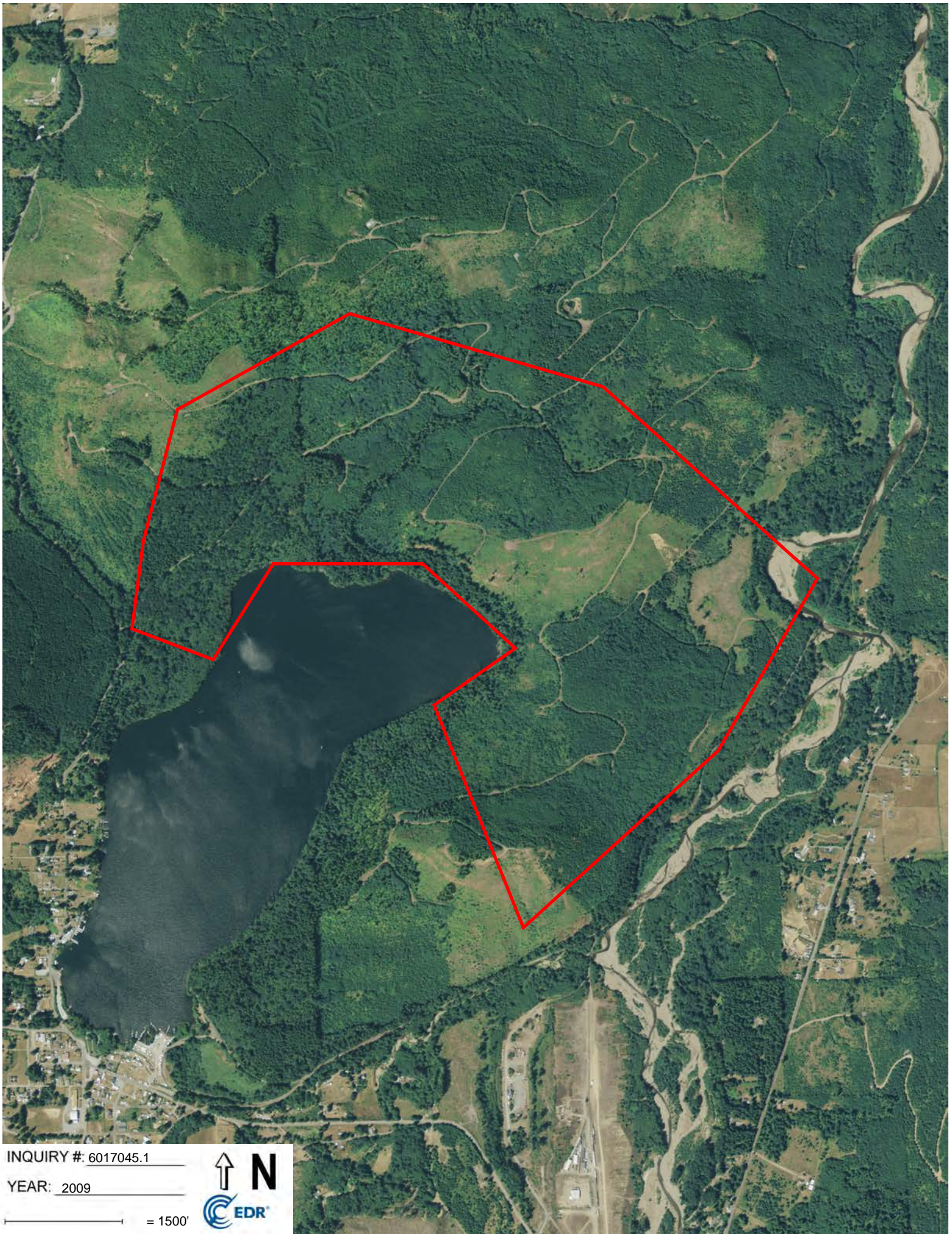


INQUIRY #: 6017045.1

YEAR: 2013

— = 1500'



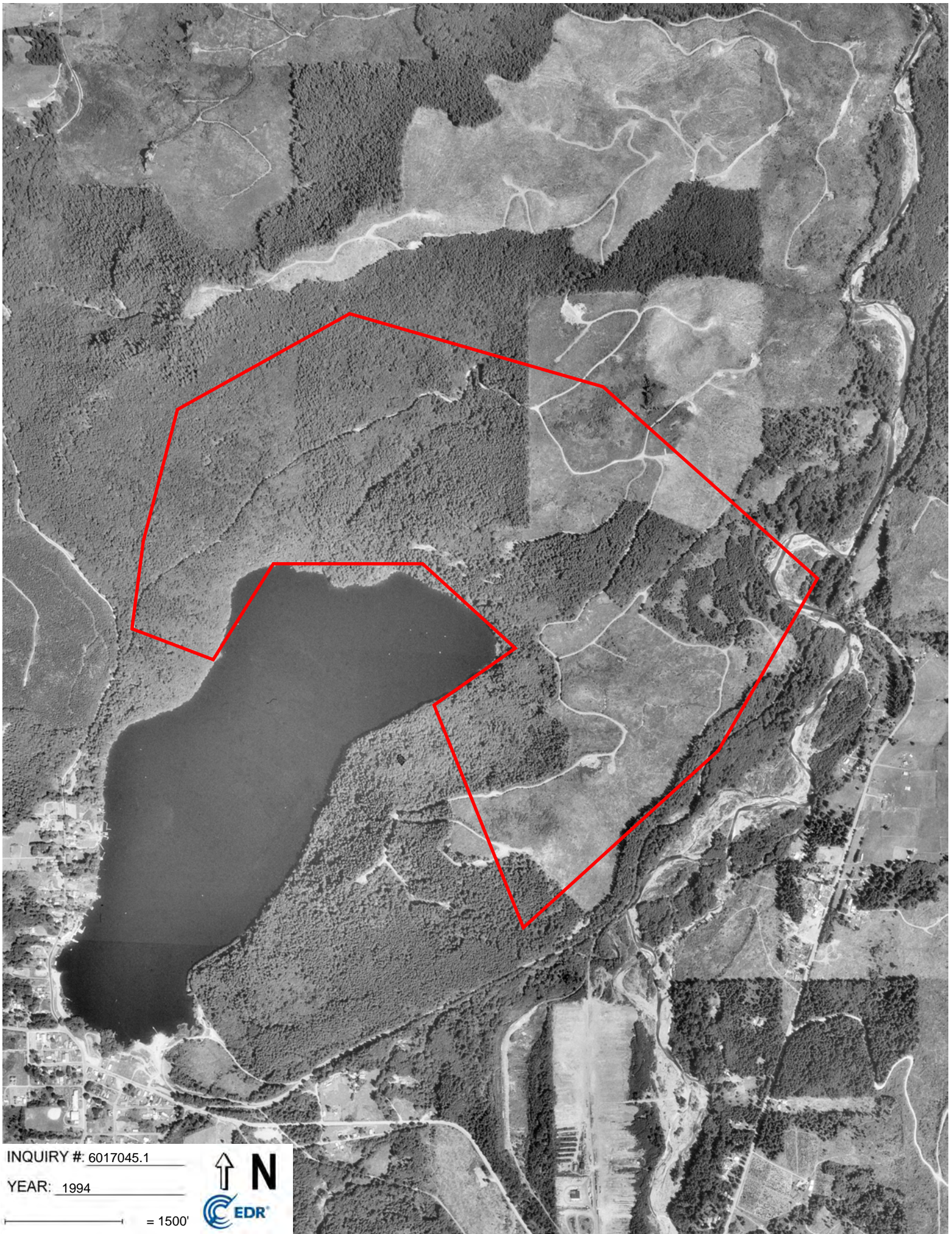


INQUIRY #: 6017045.1

YEAR: 2009

— = 1500'



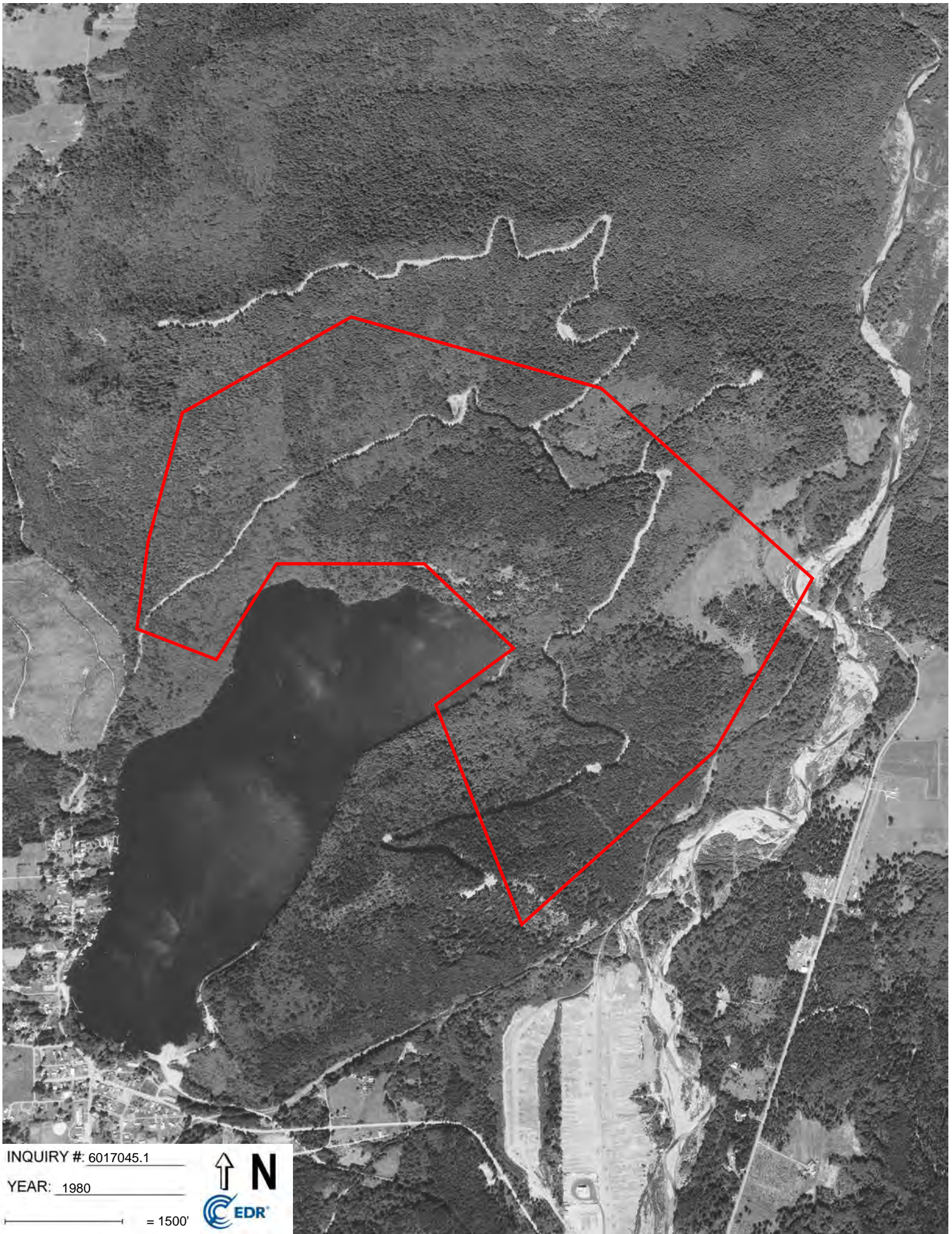


INQUIRY #: 6017045.1

YEAR: 1994

— = 1500'



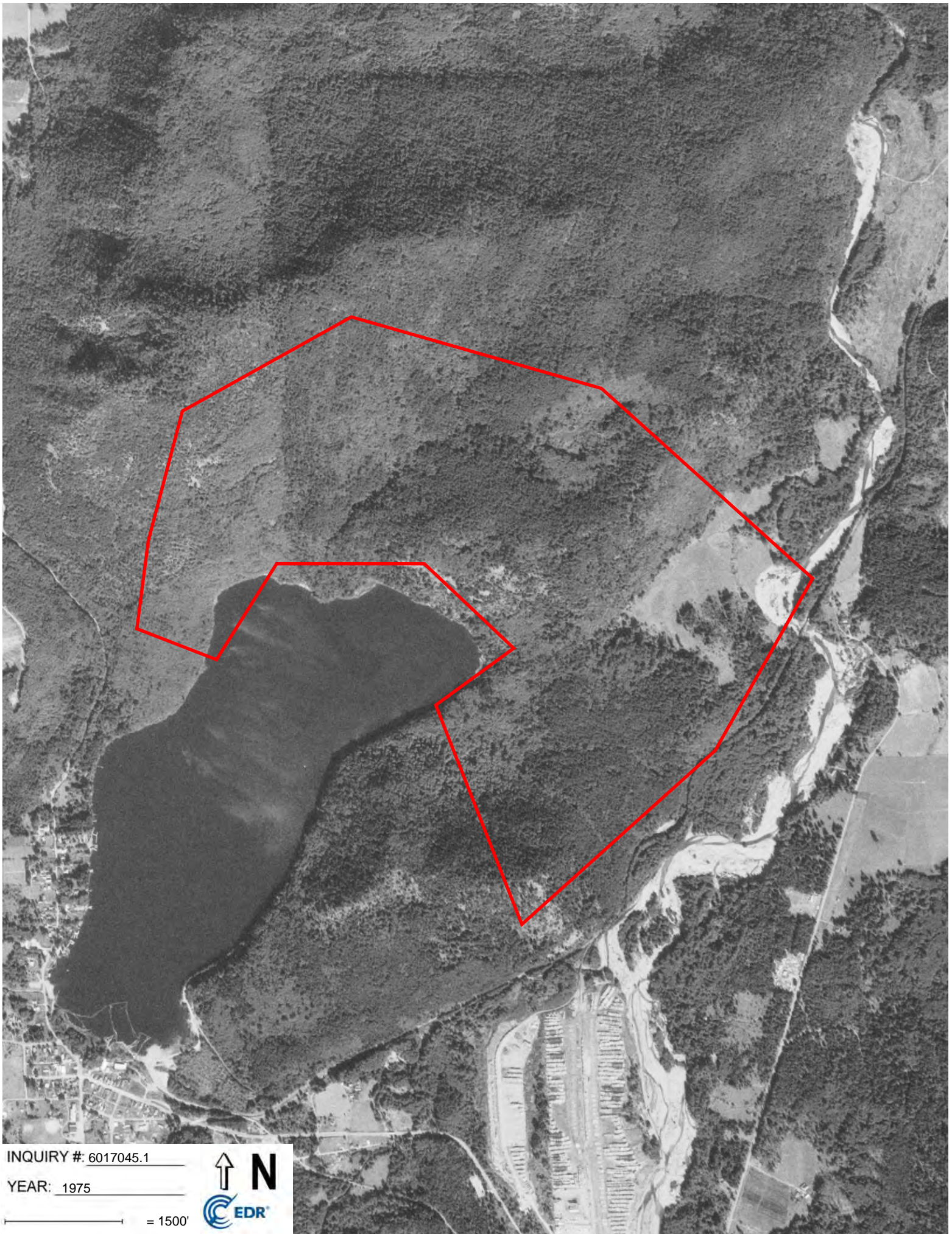


INQUIRY #: 6017045.1

YEAR: 1980

— = 1500'





INQUIRY #: 6017045.1

YEAR: 1975

— = 1500'



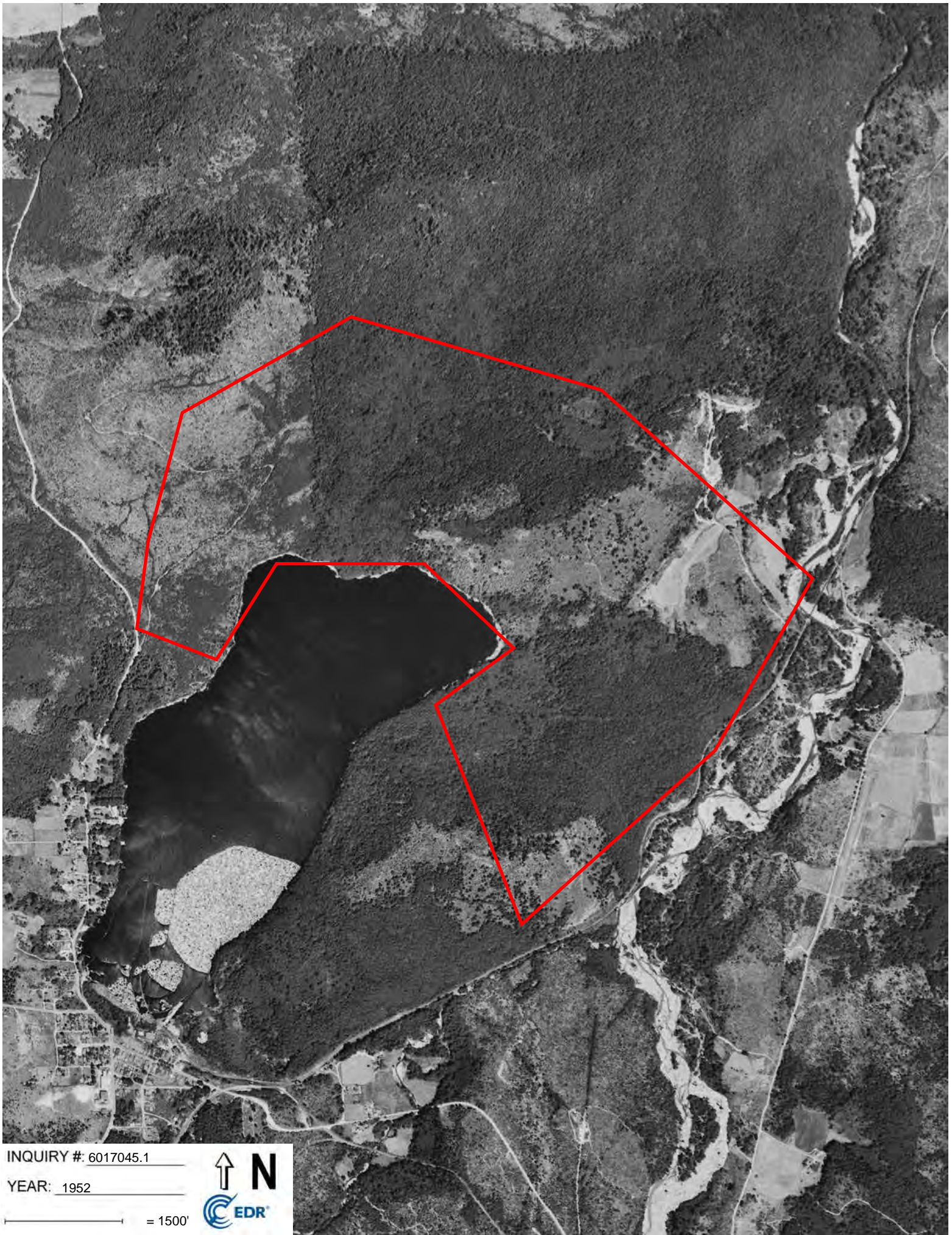


INQUIRY # 6017045.1

YEAR: 1968

— = 1500'





INQUIRY #: 6017045.1

YEAR: 1952

— = 1500'





INQUIRY #: 6017045.1

YEAR: 1941

— = 1500'



Mineral Lake Undeveloped Property

Mineral Hill Road

Elbe, WA 98330

Inquiry Number: 6012888.4

March 17, 2020

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

03/17/20

Site Name:

Mineral Lake Undeveloped Pro
Mineral Hill Road
Elbe, WA 98330
EDR Inquiry # 6012888.4

Client Name:

Geo Engineers, Inc.
600 Stewart Street
Seattle, WA 98103
Contact: Jessica Robertson



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Geo Engineers, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.# 6565-008-00
Project: Phase I ESA

Latitude: 46.73557 46° 44' 8" North
Longitude: -122.167687 -122° 10' 4" West
UTM Zone: Zone 10 North
UTM X Meters: 563588.45
UTM Y Meters: 5176115.98
Elevation: 1590.92' above sea level

Maps Provided:

2013
1998
1993
1987
1956
1937

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2013 Source Sheets



Elbe
2013
7.5-minute, 24000



Mineral
2013
7.5-minute, 24000

1998 Source Sheets



Mineral
1998
7.5-minute, 24000
Aerial Photo Revised 1998

1993 Source Sheets

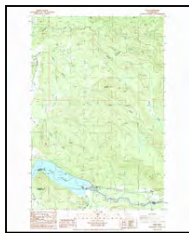


Elbe
1993
7.5-minute, 24000
Aerial Photo Revised 1982



Mineral
1993
7.5-minute, 24000
Aerial Photo Revised 1982

1987 Source Sheets



Elbe
1987
7.5-minute, 24000
Aerial Photo Revised 1982



Mineral
1987
7.5-minute, 24000
Aerial Photo Revised 1982

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1956 Source Sheets

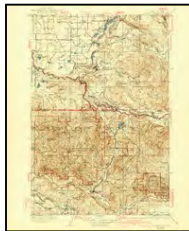


Kapowsin
1956
15-minute, 62500
Aerial Photo Revised 1952

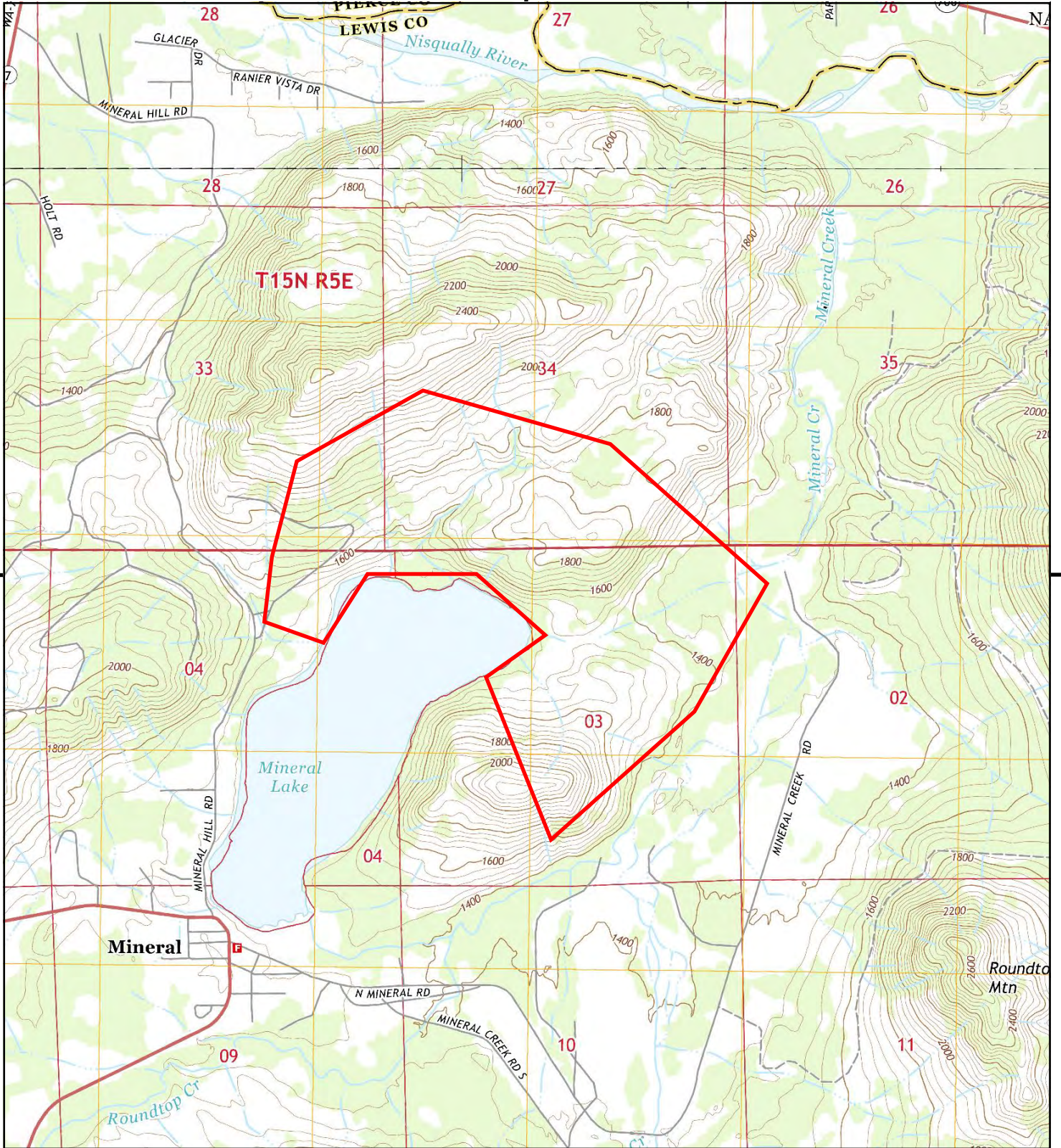


Mineral
1956
15-minute, 62500
Aerial Photo Revised 1952

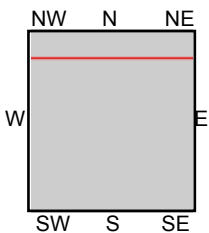
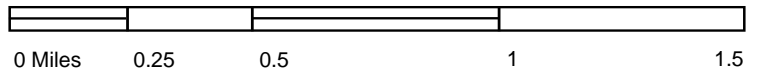
1937 Source Sheets



Eatonville
1937
30-minute, 125000



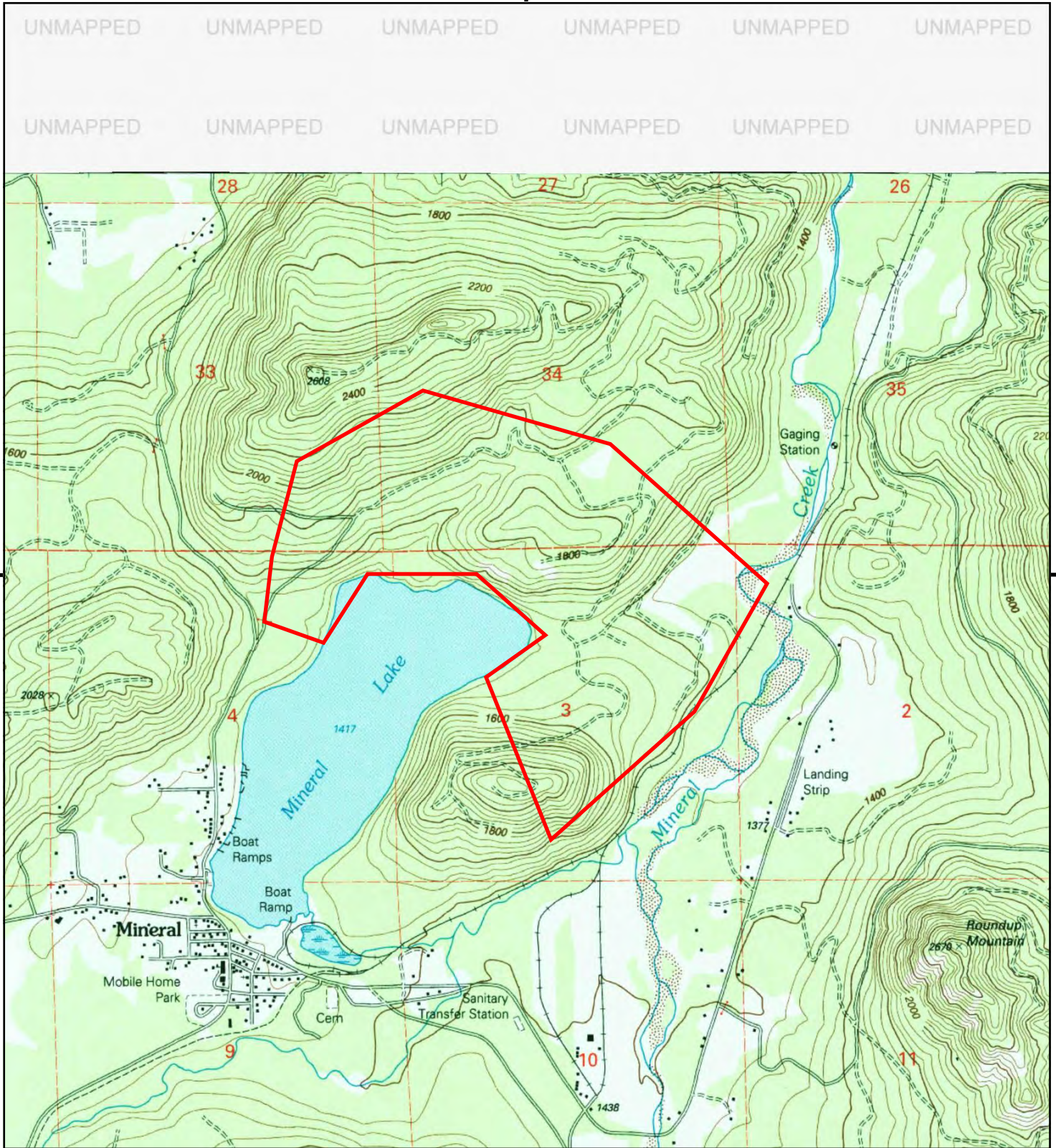
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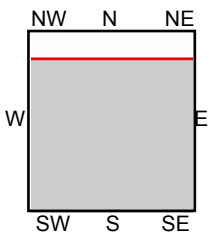
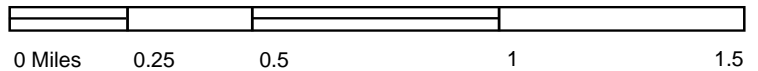
TP, Mineral, 2013, 7.5-minute
N, Elbe, 2013, 7.5-minute

SITE NAME: Mineral Lake Undeveloped Property
ADDRESS: Mineral Hill Road
Elbe, WA 98330
CLIENT: Geo Engineers, Inc.





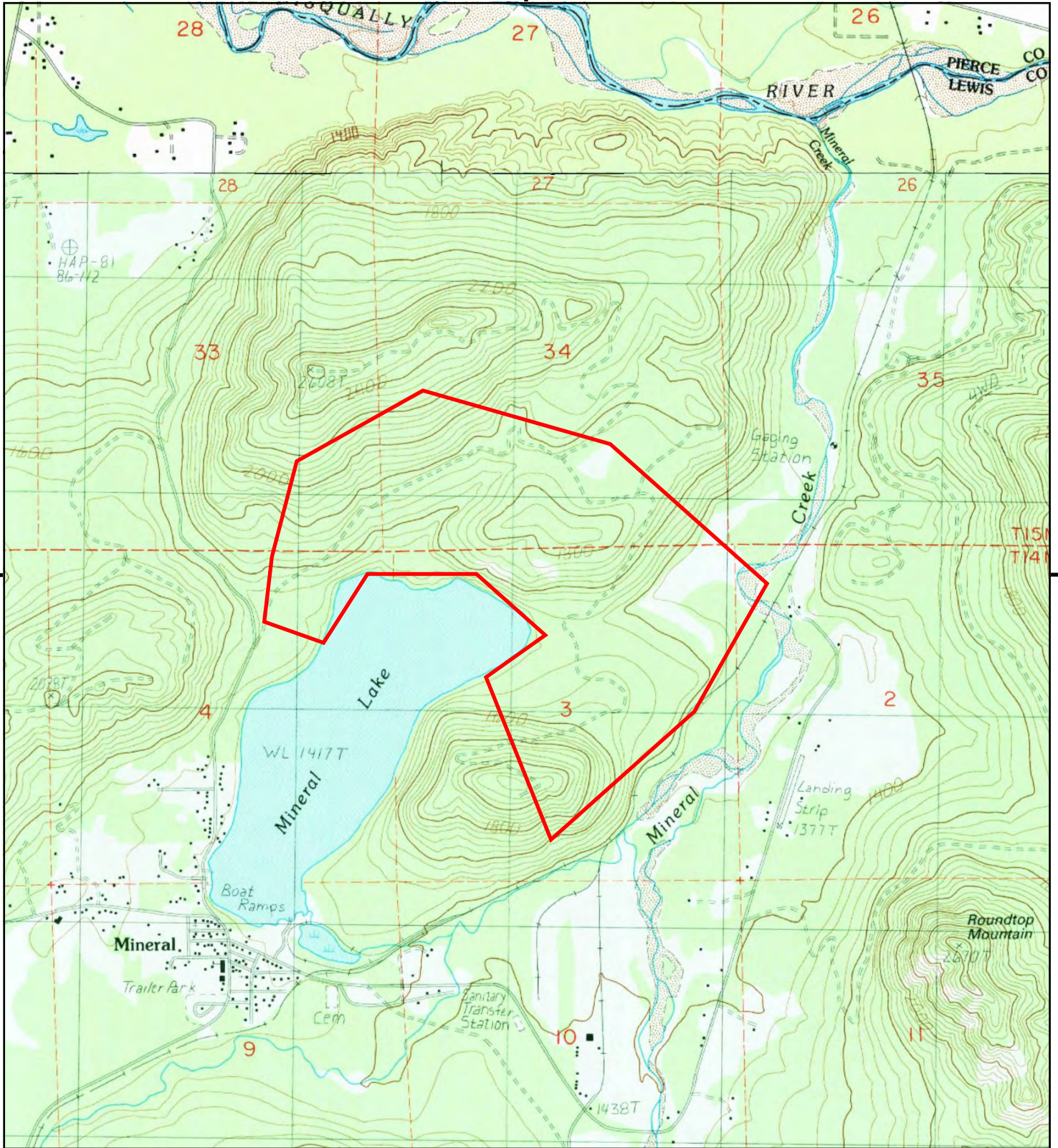
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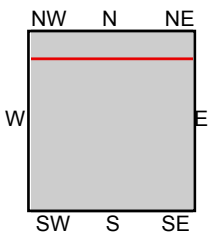
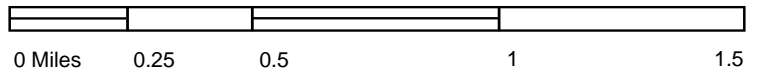
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SITE NAME: Mineral Lake Undeveloped Property
ADDRESS: Mineral Hill Road
 Elbe, WA 98330
CLIENT: Geo Engineers, Inc.





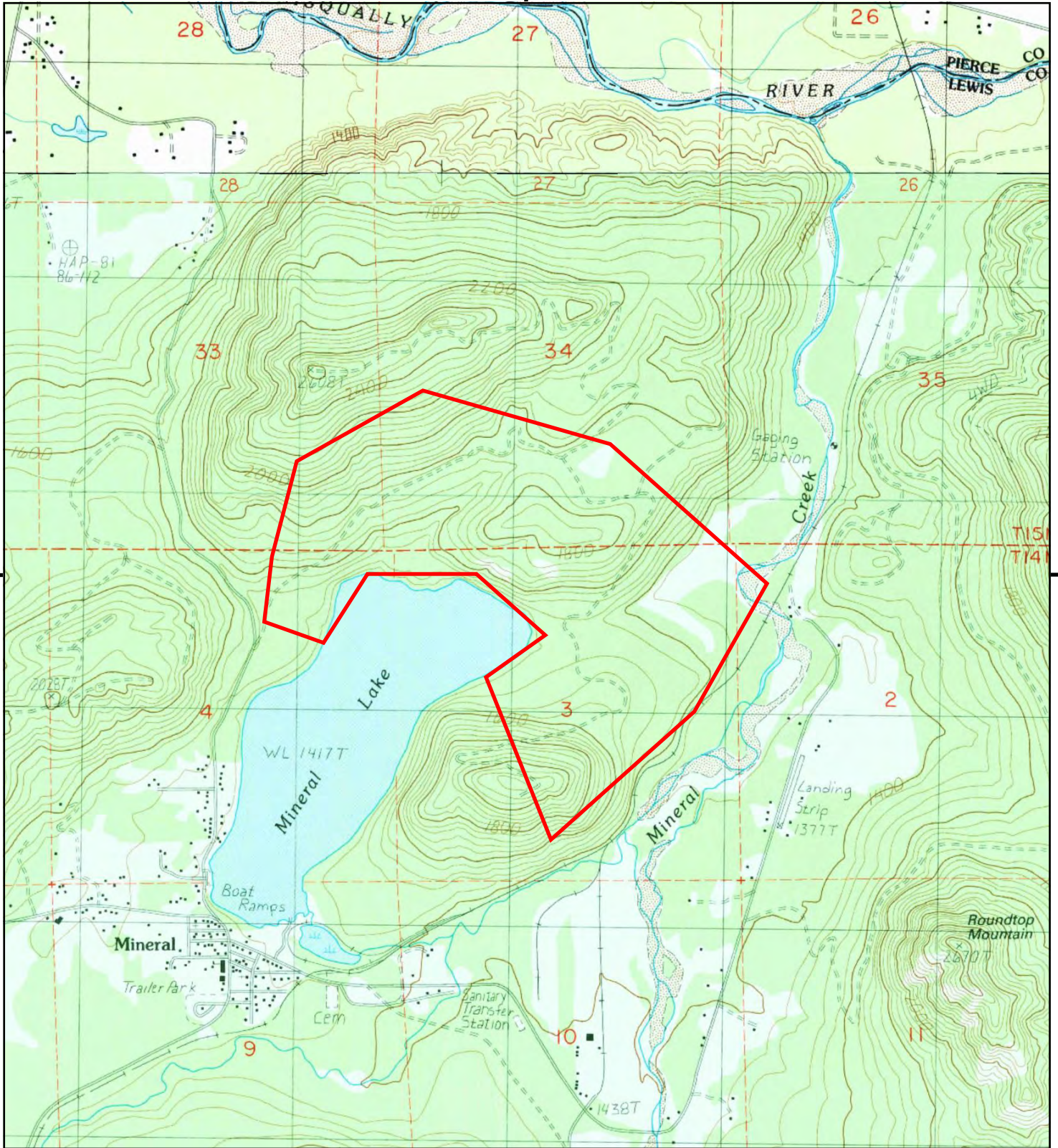
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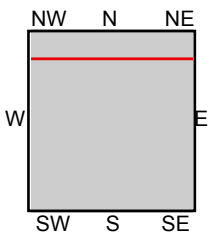
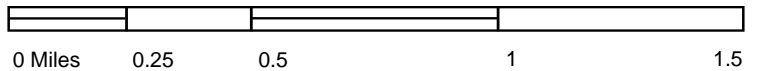
TP, Mineral, 1993, 7.5-minute
N, Elbe, 1993, 7.5-minute

SITE NAME: Mineral Lake Undeveloped Property
ADDRESS: Mineral Hill Road
Elbe, WA 98330
CLIENT: Geo Engineers, Inc.





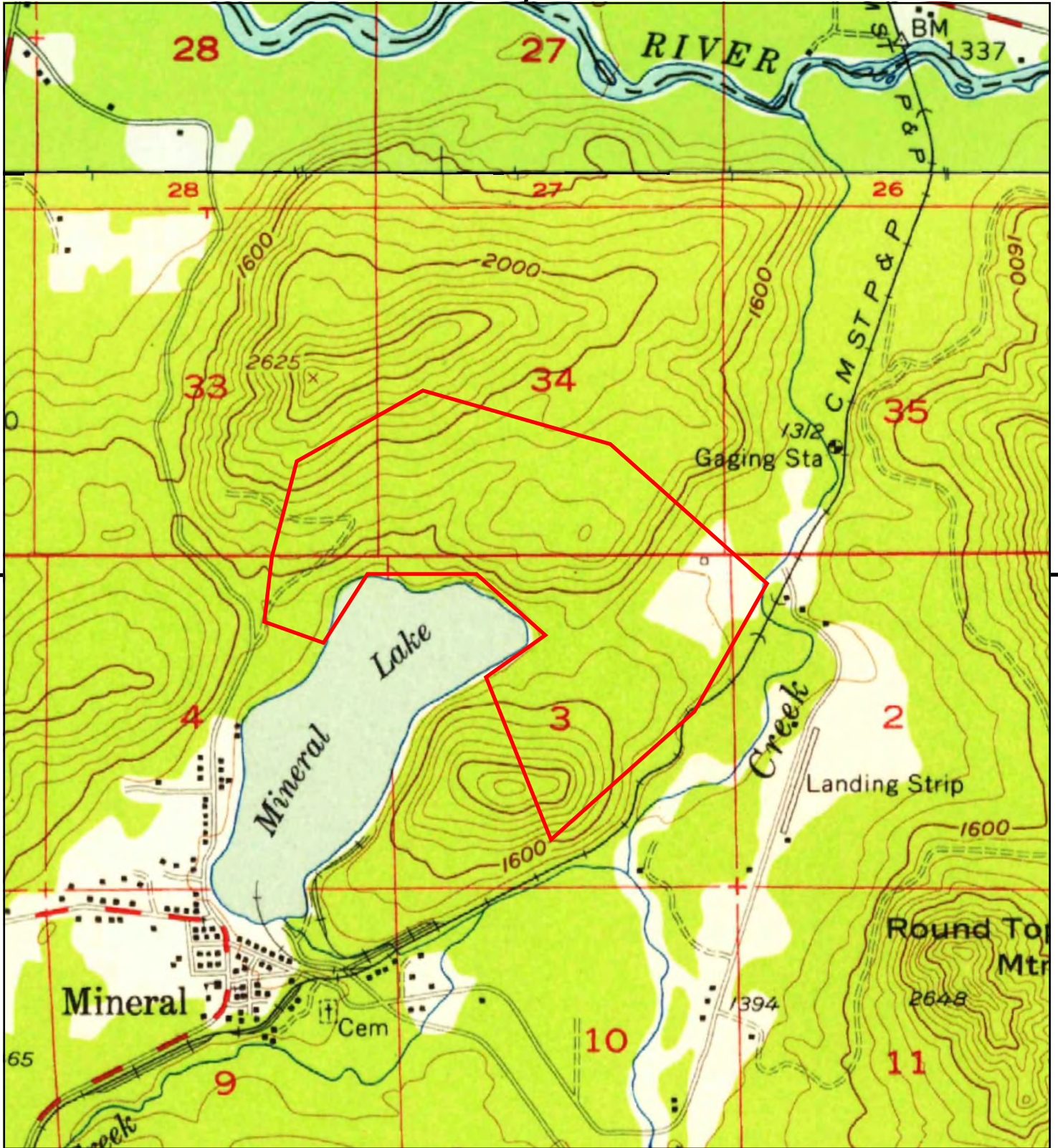
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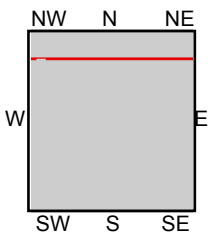
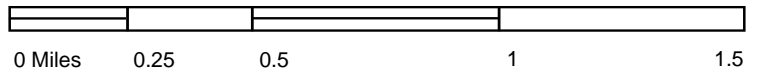
TP, Mineral, 1987, 7.5-minute
N, Elbe, 1987, 7.5-minute

SITE NAME: Mineral Lake Undeveloped Property
ADDRESS: Mineral Hill Road
Elbe, WA 98330
CLIENT: Geo Engineers, Inc.





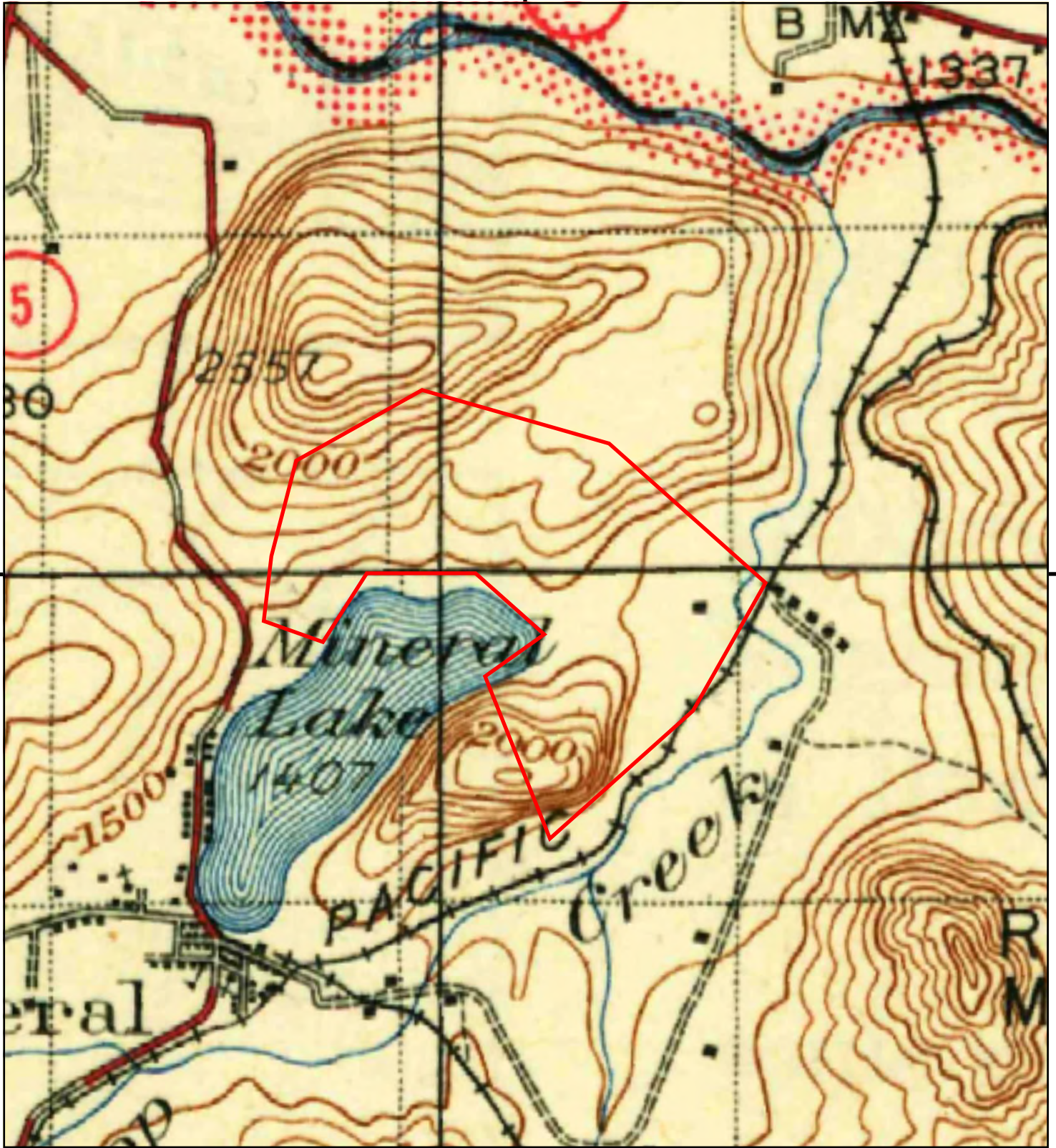
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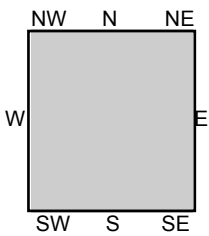
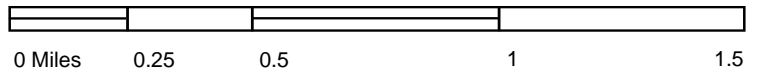
TP, Mineral, 1956, 15-minute
N, Kapowsin, 1956, 15-minute

SITE NAME: Mineral Lake Undeveloped Property
ADDRESS: Mineral Hill Road
Elbe, WA 98330
CLIENT: Geo Engineers, Inc.





This report includes information from the following map sheet(s).



TP, Eatonville, 1937, 30-minute

SITE NAME: Mineral Lake Undeveloped Property
 ADDRESS: Mineral Hill Road
 Elbe, WA 98330
 CLIENT: Geo Engineers, Inc.



Mineral Lake Undeveloped Property

Mineral Hill Road

Elbe, WA 98330

Inquiry Number: 6012888.3

March 17, 2020

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

03/17/20

Site Name:

Mineral Lake Undeveloped Pro
Mineral Hill Road
Elbe, WA 98330
EDR Inquiry # 6012888.3

Client Name:

Geo Engineers, Inc.
600 Stewart Street
Seattle, WA 98103
Contact: Jessica Robertson



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Certified Sanborn Results:

Certification # 0C83-4FCB-8699
PO # 6565-008-00
Project Phase I ESA

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 0C83-4FCB-8699

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- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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Mineral Lake Undeveloped Property

Mineral Hill Road
Elbe, WA 98330

Inquiry Number: 6012888.8
March 17, 2020

EDR Building Permit Report

Target Property and Adjoining Properties

EDR Building Permit Report: Search Documentation

3/17/20

Site Name:

Mineral Lake
Mineral Hill Road
Elbe, WA 98330

Client Name:

Geo Engineers, Inc.
600 Stewart Street
Seattle, WA 98103

EDR Inquiry # 6012888.8

Contact: Jessica Robertson

Search Documentation

DATA GAP

The complete collection of Building Permit data available to EDR has been searched, and as of 3/17/20, EDR does not have access to building permits in the city where your target property is located (Elbe, WA).

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



Mineral Lake Undeveloped Property

Mineral Hill Road
Elbe, WA 98330

Inquiry Number: 6012888.5
March 30, 2020

The EDR-City Directory Image Report

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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

infoUSA[®]

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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>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

Mineral Hill Road
Elbe, WA 98330

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

MINERAL HILL RD

2017	pg A1	EDR Digital Archive
2014	pg A2	EDR Digital Archive
2010	pg A3	EDR Digital Archive
2005	pg A4	EDR Digital Archive
2000	pg A5	EDR Digital Archive
1995	pg A6	EDR Digital Archive
1992	pg A8	EDR Digital Archive

MINERAL HL RD

1995	pg A7	EDR Digital Archive
1992	pg A9	EDR Digital Archive

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

MINERAL HILL RD

2017

587 SWEAZYS AUTO WRECKING REPAIR & UPHO
641 BLANKENSHIP, BRENT W
DIMMITT, JACK L
651 HAYES, TIMOTHY D
660 KROLCZYK, JUNE J
696 SOKOL, GARY A
711 BYRD, BILL
717 CAVERLY, TIM J
725 VOGEL, DYLAN

MINERAL HILL RD**2014**

109	RICHIE, DELORIS
145	STEIN, EDWARD
146	UPTON, CALVIN
148	MILLER, CHARLES
149	WILSON, OTIS
153	JONES, KAREN
156	BICKFORD, BILL D
157	BENTON, ROBERT S
159	SUTER, J W
160	VERTREES, ANNETTE
165	CHURCH, ROBERTA S
166	OLSON, GERALD F
171	GRANTHAM, PAUL
174	SPOOL, JONATHAN
185	WICKIZER, CHERYL
187	LARSON, DONOVAN
195	SHEPPARD, RON E
503	WYSONG, RICHARD J
525	DAVIS, JOSEPH L
555	LODEN, ERNIE
577	BELL, TRACI
594	HAMMOND, LARRY A
600	HANSEN, D
602	ULRICH, PAUL L
619	VANCE, JEFF A
629	KUYPER, LUCAS E
635	DIMMITT, JACK L
641	BLANKENSHIP, ASHLEY
	DIMMITT, FRANCIS
	HAYDEN, THOMAS C
653	OCCUPANT UNKNOWN,
660	KROLCZYK, JUNE
696	SOKOL, GARY A
711	BYRD, BILL
717	CAVERLY, TIM J
725	VOGEL, DYLAN
727	WHEELock, MIKE

MINERAL HILL RD**2010**

503	WYSONG, RICHARD J
525	DAVIS, JOSEPH L
555	HEIMBUCH, STANLEY
577	BELL, TRACI
594	HAMMOND, LARRY A
600	HANSEN, D
619	VANCE, ALLEN R
629	KROLCZYK, JOSEPH S
635	DIMMITT, JACK L
	MT RANIER OVERNIGHTER B & B
641	HAYDEN, THOMAS C
660	KROLCZYK, JOSEPH S
696	SOKOL, GARY A
711	BYRD, MARVIN W
717	CAVERLY, TIM J
724	SIMONSON, ERNST W
727	WHEELOCK, MIKE

MINERAL HILL RD

2005

513	SAGE, DORIS G
555	COURTNEY, KATHY
587	SWEAZY, MIKE
602	MARTIN, GEORGE
617	MCCAUGHAN, ALBERT W
619	VANCE, ALLEN R
629	CRUMLEY, ROBERT
635	DIMMITT, FRANCES E
638	CUTTER CONSULTING
641	BURGESS, SHAUN
	IN THE BOONIES COMPUTERS
660	KROLCZYK, JOSEPH
724	SIMONSON, ERNST

MINERAL HILL RD

2000

156	BICKFORD, BILL
157	BENTON, ROBERT
165	CHURCH ROBERTA SUE ATTORNEY AT LAW
184	BRECKENRIDGE, RICHARD
185	EDWARDS, CLAIR
195	MINERAL LAKE LODGE
555	MCLELLAN, PAUL
602	BRILEY, J
619	VANCE, JEFF A
635	MINERAL MUNCHKINS COUNTRY CHILD CARE
651	COE, RICHARD
696	SOKOL, L
722	OLDS, RON
727	SCALF, MIKE

MINERAL HILL RD

1995

525 DAVIS, FRANCIS L
555 HAGA, F
651 COE, RICHARD
696 SOKOL, L
724 SHUFFELEN, BOBBY W
SIMONSON, E W

MINERAL HL RD 1995

117	SHARBONO, B W
135	NEWAY, N N
156	BICKFORD, BILL
157	BENTON, ROBERT
184	BRECKENRIDGE, RICHARD
185	EDWARDS, CLAIR

MINERAL HILL RD

1992

525	DAVIS, FRANCIS L
651	COE, RICHARD
696	SOKOL, L
724	SHUFFELEN, BOBBY W

MINERAL HL RD 1992

117	SHARBONO, B W
135	NEWAY, MARK J
156	BICKFORD, BILL
157	BENTON, ROBERT
184	BRECKENRIDGE, RICHARD

MINERAL LAKE UNDEVELOPED PROPERTY
MINERAL HILL ROAD
ELBE, WA

Inquiry Number: 6012888.7S
MARCH 23, 2020

EDR Environmental Lien and AUL Search



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.

Please contact EDR at 1-800-352-0050
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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

MINERAL LAKE UNDEVELOPED PROPERTY
MINERAL HILL ROAD
ELBE, WA

RESEARCH SOURCE

Source 1: LEWIS, WA COUNTY RECORDER'S OFFICE
Source 2: WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed: WARRANTY DEED
Title is vested in: FORECASTLE TIMBER COMPANY LLC
Title received from: WEYERHAUSER REAL ESTATE DEVELOPMENT COMPANY
Date Executed: 12/18/2002
Date Recorded: 12/26/2002
Book: NA
Page: NA
Volume: NA
Instrument#: 3155125
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NA

Legal Description: SECTION 34 TOWNSHIP 15N RANGE 05E PT SW4 PT LOT 7 3379875

Current Owner: FORECASTLE TIMBER COMPANY LLC

Property Identifiers: 038931-011-007

Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

Comments: NONE IDENTIFIED.

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found Not Found
If Found:

1st Party: FORECASTLE TIMBER COMPANY LLC

2nd Party: FORECASTLE TIMBER COMPANY LLC

Dated: 05/29/2012

Recorded: 06/04/2012

Book: NA

Page: NA

Docket: NA

Volume: NA

Instrument #: 3379688

Instrument Type: DECLARATION OF COVENANTS CONDITIONS AND RESTRICTIONS

Comments: NA

Miscellaneous: NA

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Type of Instrument: MEMORANDUM OF AGREEMENT
First Party: FORECASTLE TIMBER COMPANY LLC
Second Party: THE YOUNG MENS CHRISTIAN ASSOCIATION OF GREATER SEATTLE
Date Executed: 02/14/2020
Date Recorded: 03/06/2020
Instrument #: 3519866
Book: NA
Page: NA
Comments:

EDR Environmental Lien and AUL Search

DEED EXHIBIT

T-106987
AFTER RECORDING MAIL TO:



3155125
Page: 1 of 5
12/26/2002 03:09P
Lewis Co. WA

Forecastle Timber Company LLC
Attn: Phillip E. Blake
1 South Pinckney Street Ste #501
Madison, WI 53703

Escrow No.: 00106987

Statutory Warranty Deed

THE GRANTOR WEYERHAEUSER REAL ESTATE DEVELOPMENT COMPANY, A Washington Corporation for and in consideration of Ten Dollars and other valuable consideration in hand paid, conveys and warrants to FORECASTLE TIMBER COMPANY LLC, a Wisconsin Limited Liability Company the following described real estate, situated in the County of Lewis, State of Washington:

Lots 1-25, inclusive, of Segregation Survey recorded on June 1, 2000 in Volume 19 of Surveys, page 239, under Auditor's File No. 3093880, located in Sections 2, 3, 4 and 10, Township 14 North, Range 5 East, W.M., and Sections 26, 27, 28, 33, 34 and 35, Township 15 North, Range 5 East, W.M.

Lewis County, Washington

SUBJECT TO AND TOGETHER WITH: See Attached SCHEDULE "B" for Exceptions.

Assessor's Property Tax Parcel Account Number(s): 37019-001-001, 37019-001-002, 37019-001-003, 37019-001-004, 37019-001-005, 37019-001-006, 37019-001-007, 37019-001-008, 37019-001-009, 37019-001-010, 37019-001-011, 38931-001-001, 38931-001-002, 38931-001-003, 38931-001-004, 38931-001-005, 38931-001-010, 38931-001-011, 38931-001-012, 38931-001-013, 38931-001-014, 38931-001-015, 38931-001-016, 38931-001-017, 38931-001-018, 38931-001-019, 38931-001-020, 38931-001-021, 38931-001-022, 38931-001-023, 38931-001-024, 38931-001-026, 38931-001-027, 38931-001-028, 38931-001-029, 38931-001-030, 38931-001-031

Dated this 18th day of December, 2002.

WEYERHAEUSER REAL ESTATE DEVELOPMENT COMPANY,

John S. Constable
BY: Its: Vice President

Marlene
BY: Its: Assis

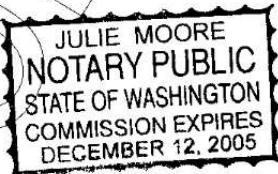


STATE OF WASHINGTON }
COUNTY OF Lewis } ss

I certify that I know or have satisfactory evidence that Peter Constable & Voss are the persons who appeared before me, and said persons acknowledged that he/she/they signed this instrument, on oath stated that he/she/they authorized to execute the instrument and acknowledged it as the Vice President and Assistant Secretary of WEYERHAEUSER REAL ESTATE DEVELOPMENT COMPANY to be the free and voluntary act of such party for the uses and purposes mentioned in this instrument.

Dated: 12/21/02

Julie Moore
Notary Public in and for the State of Washington
Residing at Centralia
My appointment expires: 12-12-05



157010

157010
12/24/02



SCHEDULE "B"

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

GRANTEE: Chicago, Milwaukie, St. Paul and Pacific Railroad
PURPOSE: Railroad right of way
AREA AFFECTED: Lots 7 and 8
DATED: November 25, 1955
RECORDED: April 9, 1956
RECORDING NO.: 558442

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

GRANTEE: State of Washington
PURPOSE: Roads
AREA AFFECTED: Lots 1-5, 10-19, 21-24
DATED: November 8, 1978
RECORDED: November 17, 1978
RECORDING NO.: 855330

Said easement is an amendment of instrument recorded May 11, 1973 under Auditor's File No. 777806.

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

GRANTEE: State of Washington
PURPOSE: Roads
AREA AFFECTED: Lots 3-5, 10-19, 23, 24
DATED: November 3, 1978
RECORDED: December 21, 1978
RECORDING NO.: 856826

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

GRANTEE: Boise Cascade Corporation
PURPOSE: Roads
AREA AFFECTED: Lots 14-16, 19, 20
DATED: April 7, 1983
RECORDED: July 6, 1983
RECORDING NO.: 913166

• Reservation of all minerals, contained in deed from Boise Cascade Corporation, recorded April 21, 1987 under Auditor's File No. 956675. (Affects Lots 19-21). Said reservation does not affect sand, rock and gravel.

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

GRANTEE: State of Washington
PURPOSE: Roads
AREA AFFECTED: Lots 3-5, 10-19, 23, 24
DATED: January 18, 1989
RECORDED: March 3, 1989
RECORDING NO.: 8901593

• **NOTICE TO THE PUBLIC AND THE TERMS AND CONDITIONS THEREOF:**

BY: Lewis County Department of Public Services
RECORDED: March 13, 1992
RECORDING NO.: 9202888
DISCLOSES: Change in course of Nisqually River, area threatened by potential new flood channel and potential new flood plain
AFFECTS: Lots 13-16, 19, 20

• Reservation of all minerals, contained in deed from Weyerhaeuser Company recorded April 11, 1996 under Auditor's File No. 9605087. (Affects lots 14-16, 19, 20) Said reservation does not affect sand, rock and gravel.

<continued>



0 \$23.00

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

GRANTEE: Lewis County Public Utility District No. 1
PURPOSE: Transmission lines
AREA AFFECTED: Lots 1-5, 10-19, 21-24
DATED: October 14, 1996
RECORDED: December 3, 1996
RECORDING NO.: 3012180

- Reservation of all minerals, contained in deed from Weyerhaeuser Company, recorded January 2, 1998 under Auditor's File No. 3033560. (Affects lots 1-4, 17, 19, 21-23) Said reservation does not affect sand, rock and gravel.
- Reservation of all minerals, contained in deed from Weyerhaeuser Company, recorded January 19, 1999 under Auditor's File No. 3058412. (Affects lots 1-19, 21-25) Said reservation does not affect sand, rock and gravel.

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

RESERVED BY: Weyerhaeuser Company
PURPOSE: Roads
AREA AFFECTED: Lots 1-19, 21-25
DATED: January 5, 1999
RECORDED: January 19, 1999
RECORDING NO.: 3058412

- Reservation of all minerals, contained in deed from Weyerhaeuser Company, recorded January 24, 2000 under Auditor's File No. 3085030. (Affects all lots) Said reservation does not affect sand, rock and gravel.

Said reservation is a re-record of instrument recorded October 26, 1999 under Auditor's File No. 3076796.

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

GRANTEE: Weyerhaeuser Company
PURPOSE: Communication towers and appurtenances
AREA AFFECTED: Lots 1-5, 10-19, 21-24
DATED: October 2, 1999
RECORDED: January 24, 2000
RECORDING NO.: 3085030

Said easement is a re-record of instrument recorded October 26, 1999 under Auditor's File No. 3076796.

• **LEASE OF PRIOR RESERVED OIL AND GAS RIGHTS, AS REFERENCED IN MEMORANDUM OF OIL AND GAS LEASE:**

LESSOR: Weyerhaeuser Company
LESSEE: Duncan Oil Partners
FOR A TERM OF: 5 Years
FROM: January 1, 2000
DATED: January 1, 2000
RECORDED: March 6, 2000
RECORDING NO.: 3088697
AFFECTS: Lots 1-4, 17, 19, 21-23

Lessee's interest now held of record by El Paso Production Company (50%) and Cascade CBM, LLC (50%) by instruments recorded under Auditor's File Nos. 3090343 and 3141743, respectively. (Said lease doe not affect sand, rock and gravel).

• **LEASE OF PRIOR RESERVED OIL AND GAS RIGHTS, AS REFERENCED IN MEMORANDUM OF OIL AND GAS LEASE:**

LESSOR: Weyerhaeuser Company
LESSEE: Duncan Oil Partners
FOR A TERM OF: 5 Years
FROM: January 1, 2000
DATED: January 1, 2000
RECORDED: March 6, 2000
RECORDING NO.: 3088698
AFFECTS: Lots 3-5, 10-20, 23, 24

<continued>



Lessee's interest assigned to Cascade CBM, LLC, by instrument recorded under Auditor's File No. 3141743. (Said lease does not affect sand, rock and gravel).

• **LEASE OF PRIOR RESERVED OIL AND GAS RIGHTS, AS REFERENCED IN MEMORANDUM OF OIL AND GAS LEASE:**

LESSOR: Weyerhaeuser Company
 LESSEE: Duncan Oil Partners
 FOR A TERM OF: 5 Years
 FROM: January 1, 2000
 DATED: January 1, 2000
 RECORDED: March 6, 2000
 RECORDING NO.: 3088700
 AFFECTS: Lots 1, 2, 4

Lessee's interest assigned to Cascade CBM, LLC, by instrument recorded under Auditor's File No. 3141750. (Said lease doe not affect sand, rock and gravel).

• **LEASE OF PRIOR RESERVED OIL AND GAS RIGHTS, AS REFERENCED IN MEMORANDUM OF OIL AND GAS LEASE:**

LESSOR: Weyerhaeuser Company
 LESSEE: Duncan Oil Partners
 FOR A TERM OF: 5 Years
 FROM: January 1, 2000
 DATED: January 1, 2000
 RECORDED: March 6, 2000
 RECORDING NO.: 3088701
 AFFECTS: Lots 4-9, 24, 25

Lessee's interest assigned to Cascade CBM, LLC, by instrument recorded under Auditor's File No. 3141750. (Said lease does not affect sand, rock and gravel).

• **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

DISCLOSED BY: Survey recorded June 1, 2000 in Volume 19 of Surveys, page 239, under Auditor's File No. 3093880.
 PURPOSE: Ingress and egress
 AREA AFFECTED: As delineated on said survey (All Lots)

• Reservation of all minerals, contained in deed from Weyerhaeuser Company, recorded October 12, 2000 under Auditor's File No. 3101222. (Affects lots 4-9, 24, 25) (Said reservation does not affect sand, rock and gravel).

• **LEASE OF PRIOR RESERVED OIL AND GAS RIGHTS, AS REFERENCED IN MEMORANDUM OF OIL AND GAS LEASE:**

LESSOR: State of Washington
 LESSEE: Duncan Oil Partners
 FOR A TERM OF: 5 Years
 FROM: September 1, 2001
 DATED: September 1, 2001
 RECORDED: January 22, 2002
 RECORDING NO.: 3130064
 AFFECTS: Lots 11-13

Lessee's interest assigned to Cascade CBM, LLC (50%) and El Paso Production Company (50%) by instruments recorded under Auditor's File Nos. 3144154 and 3144538, respectively. (Said lease doe not affect sand, rock and gravel).

- Any change in the boundary or legal description of the real property, or title to the estate insured, that may arise due to the shifting and changing in the course of the Nisqually River and Mineral Creek. (Affects Lots 14-16 and 20, as to the Nisqually River, and lots 9, 11-13, 24 and 25, as to Mineral Creek)
- Right of the State of Washington in and to that portion, if any, of the property herein described which lies below the line of ordinary high water of the Nisqually River and Mineral Creek. (Affects Lots 14-16 and 20, as to the Nisqually River, and lots 9, 11-13, 24 and 25, as to Mineral Creek)

<continued>



- Any prohibition of or limitation or use, occupancy or improvement of the land resulting from the rights of the public or riparian owners to use any portion which is now, or has formerly been, covered by water. (Affects Lots 14-16 and 20, as to the Nisqually River, and Lots 9, 11-13, 24 and 25, as to Mineral Creek)

- Rights and easements of the public for commerce, navigation, recreation and fisheries, in or on the Nisqually River or Mineral Creek. (Affects Lots 14-16 and 20, as to the Nisqually River, and Lots 9, 11-13, 24 and 25, as to Mineral Creek)

- **RIGHT OF ENTRY PERMIT TO CONSTRUCT AND MAINTAIN DIKES AND TO USE EXISTING ROADS AND THE TERMS AND CONDITIONS THEREOF:**

GRANTEE: Lewis County Department of Public Works
DATED: November 10, 1993
DISCLOSED BY: Deed recorded April 8, 1997 under Auditor's File No. 3018437

- **AGREEMENT FOR CONSTRUCTION, USE AND MAINTENANCE OF A GAGING STATION AND THE TERMS AND CONDITIONS THEREOF AS CONTAINED IN:**

DOCUMENT: Agreement for Construction and Maintenance of gaging station on private property dated March 18, 1971
IN FAVOR OF: United States of America
DISCLOSED BY: Deed recorded January 19, 1999 under Auditor's File No. 3058412

- **EASEMENT AND THE TERMS AND CONDITIONS THEREOF:**

RESERVED BY: Weyerhaeuser Company
PURPOSE: Communication towers and access
DATED: October 2, 1999
RECORDED: January 24, 2000
RECORDING NO.: 3085030
AFFECTS: Lots 17, 18 and 23

Said easement is a re-record of instrument recorded October 29, 1999, under Auditor's File No. 3076796.

- The land described herein have been classified as Forest Lands. As disclosed by Lewis County Assessor's Office and are subject to the provisions of RCW 84.34, which include the requirement of a continuation of restricted use in order to continue the present assessment rate. A change in use can cause an increased assessment rate for present and past years. (Affects all lots)

End of Schedule "B"

AFTER RECORDING RETURN TO:

CENTURYPACIFIC, LP
Attn: Katherine Kramer Laird
1201 Third Avenue, #1680
Seattle, WA 98101

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS

Grantor: FORECASTLE TIMBER COMPANY, LLC, a Wisconsin limited liability company

Grantee: FORECASTLE TIMBER COMPANY, LLC, a Wisconsin limited liability company

Abbreviated Legal Description: PTN SW ¼ S 26, S ½ S 27, SE ¼ S 28, E ½, NW ¼, SW ¼ S 33, S 34, NW ¼, N ½ SW ¼ S 35, T 15 N, R 5 E, W.M., LCW and NW ¼ S 2, S 3, NE ¼ and NE ¼ NW ¼ S 4, NW ¼ S 10, T 14 N, R 5 E, W.M., LCW.

Complete legal descriptions are at Exhibits A, D, and E attached hereto.

Assessor's Property Tax Parcel Account Numbers: 038931001101, 038931001102, 038931001103, 038931001104, 038931001105, 038931001106, 038931001107, 038931001108, 038931001109, 038931001110, 038931001111, 038931001112, 038931001113, 038931001114, 038931001115, 038931001116, 038931001117, 038931001118, 038931001119, 038931001120, 038931001121, 038931001122, 038931001123, 038931001124, 038931001125, 038931001126, 038931001130, and 037019001130

Reference to Related Documents: N/A

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS

ARTICLE 1. PURPOSE AND SUBMISSION TO DECLARATION

1.1 The Property. FORECASTLE TIMBER COMPANY, LLC, a Wisconsin limited liability company ("**Declarant**"), is the owner of certain real property in Lewis County, Washington, more particularly described in Exhibit A attached and incorporated herein by this reference (the "**Property**").

1.2 Submission of Property to Declaration. Declarant hereby declares that, beginning on the date that this Declaration has been fully executed and recorded in the real property records of Lewis County, Washington (the "**Effective Date**"), the Property shall be held, used, transferred and conveyed subject to the restrictions, covenants, reservations, easements and conditions set forth in this Declaration of Covenants, Conditions and Restrictions ("**Declaration**").

1.3 Declaration Intended to Implement Requirements of Lewis County Ordinance 1219. This Declaration is intended to comply with and implement the requirements of Ordinance No. 1219 adopted by the Lewis County Board of County Commissioners on December 10, 2010 (the "**Rezone Ordinance**"), which approved a rezone of the Residential Development Tract (as defined below) within the Property to Forest Resource Land of Local Importance ("**FLLI**"). The Rezone Ordinance is attached hereto as Exhibit B. This Declaration is further intended to protect and enhance the value, desirability and attractiveness of the Property and any lots now existing or later created within the Property.

ARTICLE 2. DEFINITIONS

2.1 "Residential Development Tract" means the portion of the Property approved for a rezone to FLLI pursuant to the Rezone Ordinance, which land is labeled "FRL (Local Importance)" on the graphic attached hereto as Exhibit C, and is legally described in Exhibit D hereto.

2.2 "Residential Development Lot" shall include any lot now existing or later established in the Residential Development Tract.

2.3 "Residential Owner" means the record owner or contract purchaser, whether one or more persons or entities, of a fee simple interest to any lot now existing or later established within the Residential Development Tract. Contract sellers and mortgagees or others having an interest in a Residential Development Lot merely as security for performance of an obligation shall not be considered "Residential Owners."

2.4 “**Residential Use Area**” shall mean the portion of each Residential Development Lot and proposed Residential Development Lot depicted on Exhibit E hereto. The location of any Residential Use Area may be modified pursuant to Section 4.1.2 hereto.

2.5 “**Residential Use**” means all or part of any residential dwelling unit and any related accessory dwelling unit, guest house, gazebo, barn, garage, patio, shed, tennis or basketball or sport court, cabana, swimming pool or other recreational facility, storm water facilities and any other building or structure erected in connection with a residential use.

2.6 “**Forest Reserve Tract**” means all portions of the Property that are not included in the Residential Development Tract. The Forest Reserve Tract is legally described in Exhibit F hereto, and is labeled “FRL” in the graphic attached hereto as Exhibit C.

2.7 “**Forest Reserve Owner**” means the record owner or contract purchaser, whether one or more persons or entities, of a fee simple interest to any lot now existing or later established within the Forest Reserve Tract. Contract sellers and mortgagees or others having an interest in any such lot as security for performance of an obligation shall not be considered “Forest Reserve Owners.”

ARTICLE 3. FOREST RESERVE TRACT

3.1 Permitted and Prohibited Uses. Pursuant to the condition stated in Section 5(1) of the Rezone Ordinance, the following use restriction shall apply to all land in the Forest Reserve Tract:

3.1.1 Residential Uses Prohibited. Residential Uses shall be prohibited in the Forest Reserve Tract.

3.1.2. Forest Resource and Existing Uses Permitted. The Forest Reserve Tract may be used for any non-residential use permitted under the Forest Resource Lands regulations of the Lewis County Code, as amended from time to time; and may also be used for any non-residential use existing on the Forest Reserve Tract as of the Effective Date, including roads, existing easement and license agreements for utility and telecommunications providers, governmental agency monitoring, access roads that facilitate permitted or existing uses in the Forest Reserve Tract, including existing and newly created roads for recreational access, and any improvement or construction as may be necessary for forestry or recreational activities, natural resource monitoring, improvements for easements granted by Declarant and all other uses permitted hereby.

3.2 County Enforcement. Lewis County shall have the right to investigate and enforce any violation of the residential use restriction established in Section 3.1.1 hereof.

3.3 No Amendment to Residential Use Restriction; Amendments. The residential use prohibition established pursuant to Section 3.1 hereof shall be perpetual and shall not be amended without the express consent of Lewis County so long as the FLLI zoning

approved by the Rezone Ordinance is established and remains in effect. Otherwise, any covenant, condition, or restriction applicable to the Forest Reserve Tract may be established, amended or terminated (1) during the Forest Reserve Declarant Control Period (as defined below) by an instrument signed by Declarant, or (2) after the Forest Reserve Declarant Control Period by an instrument signed by the Forest Reserve Owners of not less than 67% of the land area comprising the Forest Reserve Tract. Any amendment to this Article 3 of the Declaration shall become effective upon its recording in the real property records of Lewis County, Washington. For purposes of this Section 3.3, "**Forest Reserve Declarant Control Period**" shall mean the period of time beginning on the Effective Date and ending on the earliest to occur of (a) the sale or transfer of all of the land in the Forest Reserve Tract to individuals or entities that are not affiliated with, nor owned by, Declarant; (b) Declarant's recording, in the real property records of Lewis County, Washington, of a written notice of Declarant's election to terminate the Forest Reserve Declarant Control Period; or (c) the date that is thirty (30) years after the Effective Date.

3.4 Benefits and Burdens to Run with Land. The rights and obligations established in this Article 3 of the Declaration shall run with, benefit, and burden the land within the Forest Reserve Tract and shall be for the benefit of and enforceable by all future Forest Reserve Owners, and by Declarant during the Forest Reserve Declarant Control Period.

ARTICLE 4. RESIDENTIAL DEVELOPMENT TRACT

4.1 CCRs Applicable to Residential Development Lots. Pursuant to the condition stated in Section 5(2) of the Rezone Ordinance, the following conditions, covenants and restrictions shall apply to all land in the Residential Development Tract:

4.1.1 20-Acre Minimum Lot Size. Each Residential Development Lot must contain, at a minimum, twenty (20) acres of land.

4.1.2 Identification / Revisions to Residential Use Area. The shaded areas shown on each of the existing and proposed Residential Development Lots on Exhibit D hereto are hereby identified as the residential use area (the "**Residential Use Areas**") on each of the Residential Development Lots. Any Residential Owner (including Declarant) may relocate the Residential Use Area on its lot by recording a survey in the real property records of Lewis County, Washington, depicting the current configuration of the Residential Development Lot and the location of the Residential Use Area within the lot. No Residential Use Area may contain an area greater than three (3) acres.

4.1.3 Residential Uses Prohibited Outside Residential Use Areas. Residential Uses shall be prohibited in all portions of the Residential Development Tract except the Residential Use Areas, as identified and relocated pursuant to Section 4.1.2, above. Notwithstanding the foregoing, any utilities, landscaping, driveways, access roads, paths, gates, and fences that serve the Residential Uses established in the Residential Use Areas may be located anywhere in the Residential Development Tract.

4.1.4 Mineral Community Building Standards. Any Residential Use established in the Residential Development Tract shall be consistent with or better than Mineral community building standards.

4.2 County Enforcement. Lewis County shall have the right to investigate and enforce any violation of the residential use restrictions established in Section 4.1 hereof.

4.3 No Amendment to Residential Use Restriction; Amendments. The residential use restrictions established pursuant to Section 4.1 hereof shall be perpetual and shall not be amended without the express consent of Lewis County so long as the FLLI zoning approved by the Rezone Ordinance is established and remains in effect. Otherwise, any covenant, condition, or restriction applicable to the Forest Reserve Tract may be established, amended or terminated (1) during the Residential Development Period by an instrument signed by Declarant, or (2) after the Residential Development Period by an instrument signed by the Residential Owners of not less than 67% of the land area comprising the Residential Development Tract. Any amendment to this Article 4 of the Declaration shall become effective upon its recording in the real property records of Lewis County, Washington. For purposes of this Section 4.3, "**Residential Development Period**" means the period of time beginning on the Effective Date and ending on the earliest to occur of (a) the sale or transfer of all Residential Development Lots to individuals or entities that are not affiliated with, nor owned by, Declarant; (b) Declarant's recording, in the real property records of Lewis County, Washington, of a written notice of Declarant's election to terminate the Residential Development Period; or (c) the date that is thirty (30) years after the Effective Date.

4.4 Benefits and Burdens to Run with Land. The rights and obligations established in this Article 4 of the Declaration shall run with, benefit, and burden the land within the Residential Development Tract and shall be for the benefit of and enforceable by all future Residential Owners, and by Declarant during the Residential Development Period.

ARTICLE 5. GENERAL PROVISIONS

5.1 No Waiver. Failure by any party to insist on its rights under, or to enforce the terms of any right, duty, obligation or covenant herein contained shall in no event be deemed a waiver of the right to do so thereafter.

5.2 Limitation of Liability. So long as Declarant or any managing agent of all or any portion of the Property has acted in good faith, without willful or intentional misconduct, upon the basis of information possessed by such person, then that person shall not be personally liable to any Forest Reserve Owner, Residential Owner, any homeowners association or any other person for any damage, loss or claim on account of any act, omission, error, or negligence of such person. This Article shall not apply to the extent such acts, omissions or errors are covered by a homeowner association's insurance policies

5.3 Interpretation. Use of the singular herein shall include reference to the plural, and vice versa, and use of the masculine gender shall include reference to the feminine gender. The captions in this Declaration are inserted only as a matter of convenience and for reference, and in no way describe, define, or limit the intent of this Declaration. The captions are not to be used in interpreting this Declaration.

5.4 Severability. The invalidation of any one of the provisions herein by judgment or court order shall not in any way affect any other provision which shall remain in full force and effect.

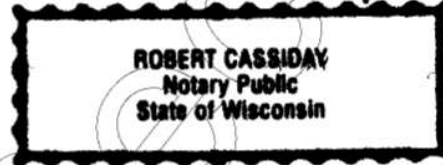
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DATED this 29th day of May, 2012.

FORECASTLE TIMBER COMPANY, LLC,
a Wisconsin limited liability company

Philip E. Blake
By: PHILIP E. BLAKE
Its: MANAGER

STATE OF Wisconsin)
COUNTY OF Dane) ss.



On this 29th day of May, 2012, before me, a Notary Public in and for the State of Wisconsin, personally appeared Philip Blake, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person who executed this instrument, on oath stated that he/ was authorized to execute the instrument, and acknowledged it as the Manager of FORECASTLE TIMBER COMPANY, LLC, a Wisconsin limited liability company, to be the free and voluntary act and deed of said limited liability company for the uses and purposes mentioned in the instrument.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year first above written.

Robert Cassidy
NOTARY PUBLIC in and for the State of Wisconsin, residing at Dane
My appointment expires March 6th, 2016
Print Name Robert Cassidy

EXHIBITS:

Exhibit A – Legal Description of Property

Exhibit B – Rezone Ordinance

Exhibit C – Graphic Depicting Forest Reserve Tract and Residential Development Tract

Exhibit D – Legal Description of Residential Development Tract

Exhibit E – Depiction of Residential Use Areas

Exhibit F – Legal Description of Forest Reserve Tract

EXHIBIT A

Legal Description of Property

Lots 1 through 26 inclusive and Tracts A and B of the Mineral Lake North Segregation Survey as recorded in Book 27 of Surveys at Page 134 under Auditor's File Number 3334963, Records of Lewis County, Washington.

TOGETHER with and subject to easements, covenants, conditions, restrictions and reservations of record.

EXHIBIT B

Rezone Ordinance

Unofficial Record

**BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF LEWIS COUNTY, WASHINGTON**

**AN ORDINANCE OF THE COUNTY OF)
LEWIS ADOPTING AMENDMENTS TO)
TITLE 17 OF THE LEWIS COUNTY CODE)**

ORDINANCE NO. 1219

WHEREAS, the Board of County Commissioners received recommendations from the Planning Commission concerning amendments to the Lewis County development regulations; and

WHEREAS, the Lewis County Planning Commission and Board of County Commissioners have held public hearings and work sessions; and

WHEREAS, the Board of County Commissioners has reviewed the recommendations of the Planning Commission and the environmental determinations made, including the Environmental Impact Statement prepared for the Industrial Park at TransAlta, together with such recommendations; and

WHEREAS, the Board of County Commissioners has considered the entire record before them, concurrently, and all testimony presented at the public hearing, weighing the impacts of all proposals and testimony together; NOW THEREFORE

BE IT ORDAINED by the Board of Lewis County Commissioners that:

1. Lewis County adopts the additions and changes to Chapter. 17.20 LCC as shown in the attached Exhibit A.
2. Lewis County adopts the additions and changes to Chapter 17.200.020(1) of the Lewis County Code Zoning Maps and all other maps as may be necessary to reflect the rezone changes approved for various parcels of land as shown in the attached Exhibit B.
3. Lewis County adopts the additions and changes to Chapter 17.200.020(1) and (9) of the Lewis County Code Zoning Maps and for all other maps as may be necessary to reflect the changes as shown for the City of Toledo Urban Growth Area as shown in the attached Exhibit C.
4. Lewis County adopts the additions and changes to Lewis County Code Chapter 17.200.020(1) Official Lewis County Zoning Map, and addition of a new map (13) Industrial Park at TransAlta, including any changes for all other maps as may be necessary to reflect the designation of the Industrial Park at TransAlta as an urban growth area, consistent with RCW 36.70A.368, as shown in the attached Exhibit D.

001337

ORDINANCE NO. 1219

Page 1 of 3

EXHIBIT 075

0525

5. Lewis County adopts the findings and additions and changes to Lewis County Code Chapter 17.200.020(1) Official Lewis County Zoning Map, to reflect the rezone changes approved for Forecastle Timber, to rezone 830 acres from Forest Resource Land of Long-term Commercial Significance to Forest Resource Land of Local Importance, consistent with Chapter 17.30 Lewis County Code, as shown in attached Exhibit E. As a condition of the rezone to Forest Land of Local Importance, Forecastle shall (1) record a covenant preserving the remaining 1250 acres of forest resource lands as a forest reserve tract and prohibiting any residential uses on these lands, (2) record against the rezoned properties conditions, covenants and restrictions (CC&Rs) that would identify a small residential use area on each 20-acre lot but otherwise limit non-forestry/non-resource use of the property consistent with or better than Mineral community building standards, and (3) requiring a Forest Management Plan for the remaining 1250 acres that is consistent with state law and that is jointly approved by the Board of County Commissioners and the applicant. Such rezone shall take effect only upon satisfaction of conditions (1) through (3) stated herein.

6. Lewis County adopts the findings of the Planning Commission in its Transmittal, dated October 26, 2010, included hereto as Attachment A, as their own, as an expression of important principles in the state mandated GMA program.

7. Lewis County adopts the SEPA DNS arising from comprehensive plan and development regulations amendments proceedings, included hereto as Attachment B, dated November 3, 2010.

8. Lewis County adopts the Environmental Impact Statement prepared in conjunction with the Industrial Park at TransAlta, included hereto as Attachment C, dated November 24, 2010.

9. This Ordinance amends, repeals or supersedes only the referenced provisions of Title 17, the remainder of which shall remain in full force and effect.

10. If any portion of the materials adopted herein is found invalid by a Board or Court of competent jurisdiction, the remainder of the provisions shall remain in full force and effect. Further, if such invalidated portion repeals an existing rule or regulation, the replaced rule or regulations shall be reinstated until modified or replaced by the County Commissioners.

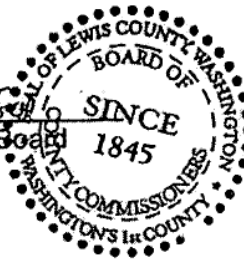
11. These amendments are in the public interest and shall take effect December 31, 2010 after adoption by the Board.

PASSED IN REGULAR SESSION THIS 27th day of December, 2010, following a public hearing and workshop, pursuant to Notice published on the 15th day of December, 2010 in both *The Chronicle* and the *East County Journal*.

ATTEST:

**BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY, WASHINGTON**

Cambree Halton
Kamri Muir, Clerk of the Board



[Signature]
Chairman

APPROVED AS TO FORM:
Michael Golden, Prosecuting Attorney

[Signature]
Member

[Signature]
By: Deputy Prosecuting Attorney

[Signature]
Member

Exhibit C
Graphic depicting Forest Reserve Tract (FRL - Long Term Commercial Significance) and Residential Development Tract (FRL - Local Importance)

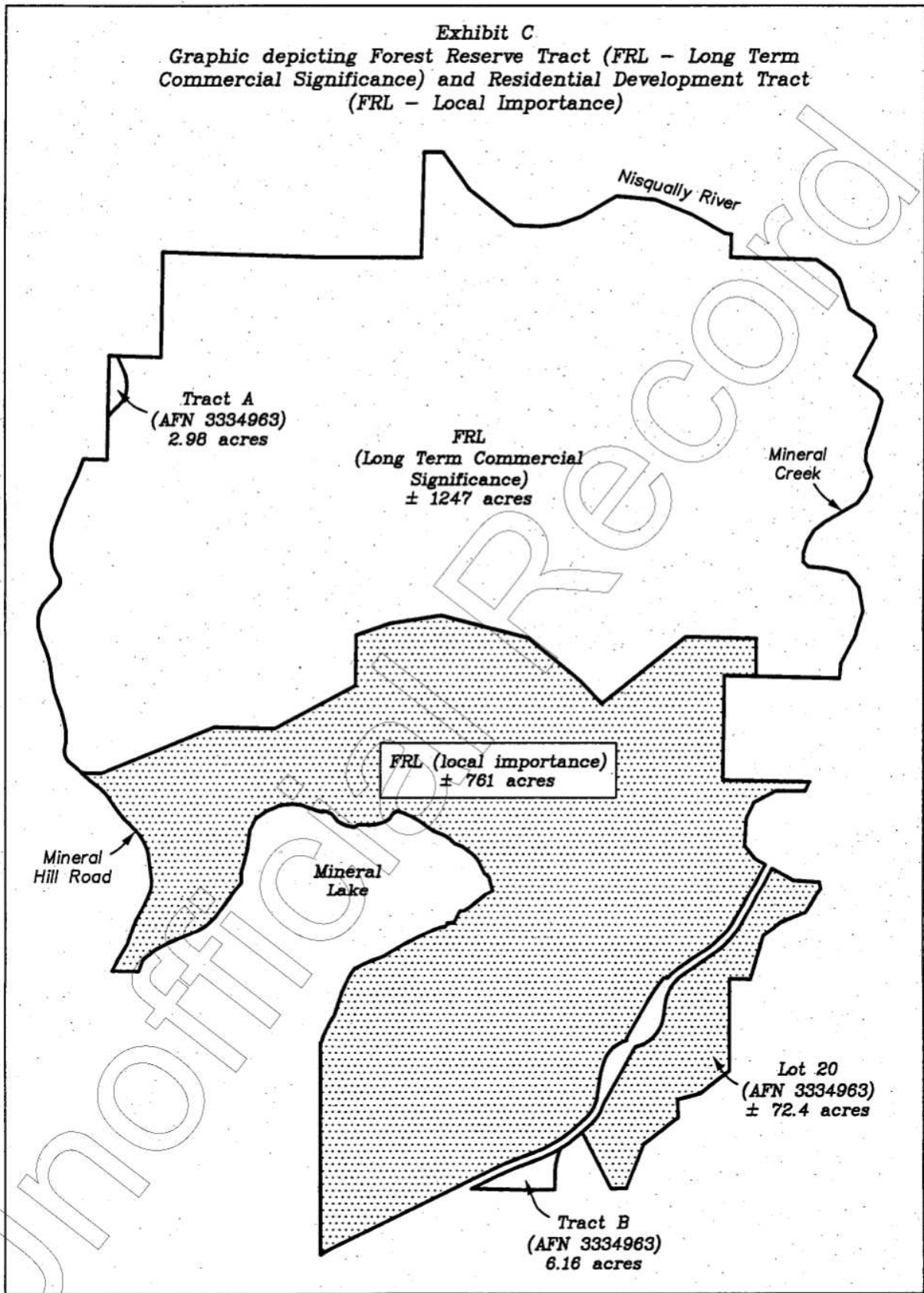


EXHIBIT D

Legal description of Residential Development Tract

That portion of the Southeast Quarter of Section 33, Section 34 and the Northwest Quarter and the Southwest Quarter of Section 35, all in Township 15 North, Range 5 East, W.M. and the Northwest Quarter of Section 2, Section 3, the Northeast Quarter and the Northeast Quarter of the Northwest Quarter of Section 4 and the North Half of the Northwest Quarter of Section 10 all in Township 14 North, Range 5 East, W.M. in Lewis County, Washington described as follows:

Lots 14 through 20 inclusive, Tract B and those portions of Lots 1 through 3 and Lots 5 through 13 of the Mineral Lake North Segregation Survey as recorded in Book 27 of Surveys at Page 134 under Auditor's File Number 3334963, Records of Lewis County, Washington, lying Southerly and Easterly of the following described line:

COMMENCING at the South Quarter corner of said Section 33 as depicted on said Segregation Survey; thence N88°38'54"W along the South line of said Section 33 a distance of 251.59 feet to the centerline of Mineral Hill County Road and the True Point of Beginning of said line; thence S88°38'54"E along the south line of said Section 33 and along said line a distance of 251.59 feet to the South Quarter corner of said Section 33; thence N67°53'55"E along said line a distance of 1540.21 feet; thence S88°34'02"E along said line a distance of 767.84 feet; thence N62°05'28"E along said line a distance of 1155.84 feet; thence N00°50'21"E along said line a distance of 631.75 feet; thence N71°08'19"E along said line a distance of 459.58 feet; thence N81°31'18"E along said line a distance of 659.33 feet; thence S75°48'48"E along said line a distance of 1143.40 feet; thence S51°14'04"E along said line a distance of 855.24 feet; thence S43°02'49"E along said line a distance of 402.78 feet; thence N51°46'39"E along said line a distance of 1359.57 feet; thence S88°37'31"E along said line a distance of 902.82 feet; thence S00°37'10"W along said line a distance of 474.23 feet to the north line of the South Half of the Southwest Quarter of said Section 35; thence S88°37'31"E along said north line and along said line a distance of 1080 feet more or less to the thread of Mineral Creek and the terminus of said line.

Exhibit E
Depiction of residential use areas

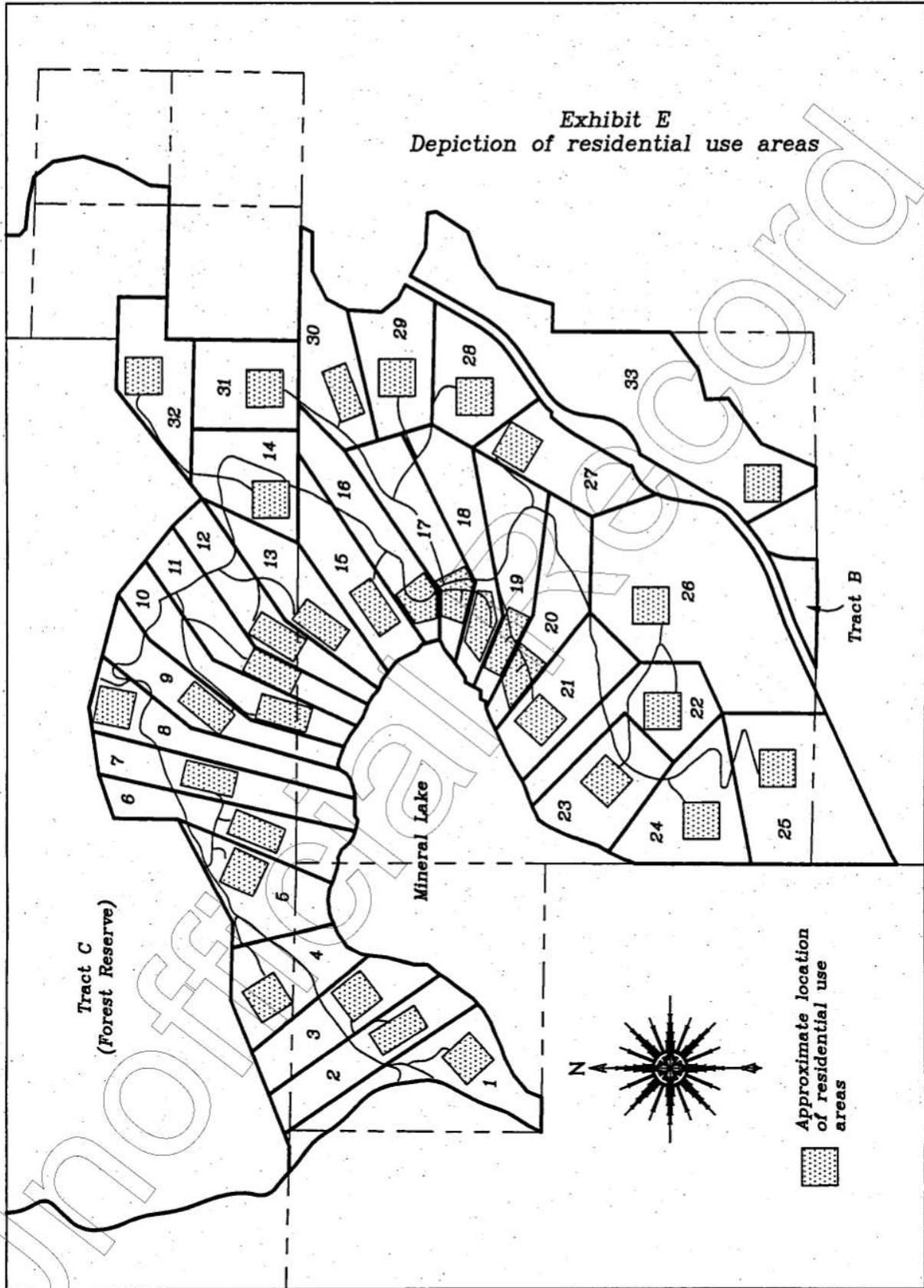


EXHIBIT F

Legal description of Forest Reserve Tract

That portion of the Southwest Quarter of Section 26, the South Half of Section 27, the Southeast Quarter of Section 28, the East Half and the South three Quarters of the West Half of Section 33, Section 34 and the Northwest Quarter and the North Half of the Southwest Quarter of Section 35, all in Township 15 North, Range 5 East, W.M. in Lewis County, Washington described as follows:

Lot 4, Lots 21 through 26 inclusive, Tract A and those portions of Lots 1 through 3 and Lots 5 through 13 of the Mineral Lake North Segregation Survey as recorded in Book 27 of Surveys at Page 134 under Auditor's File Number 3334963, Records of Lewis County, Washington, lying Northerly and Westerly of the following described line:

COMMENCING at the South Quarter corner of said Section 33 as depicted on said Segregation Survey; thence $N88^{\circ}38'54''W$ along the South line of said Section 33 a distance of 251.59 feet to the centerline of Mineral Hill County Road and the True Point of Beginning of said line; thence $S88^{\circ}38'54''E$ along the south line of said Section 33 and along said line a distance of 251.59 feet to the South Quarter corner of said Section 33; thence $N67^{\circ}53'55''E$ along said line a distance of 1540.21 feet; thence $S88^{\circ}34'02''E$ along said line a distance of 767.84 feet; thence $N62^{\circ}05'28''E$ along said line a distance of 1155.84 feet; thence $N00^{\circ}50'21''E$ along said line a distance of 631.75 feet; thence $N71^{\circ}08'19''E$ along said line a distance of 459.58 feet; thence $N81^{\circ}31'18''E$ along said line a distance of 659.33 feet; thence $S75^{\circ}48'48''E$ along said line a distance of 1143.40 feet; thence $S51^{\circ}14'04''E$ along said line a distance of 855.24 feet; thence $S43^{\circ}02'49''E$ along said line a distance of 402.78 feet; thence $N51^{\circ}46'39''E$ along said line a distance of 1359.57 feet; thence $S88^{\circ}37'31''E$ along said line a distance of 902.82 feet; thence $S00^{\circ}37'10''W$ along said line a distance of 474.23 feet to the north line of the South Half of the Southwest Quarter of said Section 35; thence $S88^{\circ}37'31''E$ along said north line and along said line a distance of 1080 feet more or less to the thread of Mineral Creek and the terminus of said line.

After recording, return to:

Van Ness Feldman, LLP
Attn: Susan A. Shyne
719 Second Avenue, Suite 1150
Seattle, WA 98104

DOCUMENT TITLE(S) (or transactions contained therein): Memorandum of Agreement
REFERENCE NUMBER(S) OF DOCUMENTS ASSIGNED OR RELEASED: N/A
GRANTOR(S) (Last name first, then first name and initials) Forecastle Timber Company, LLC 1ST AM ① 977209
GRANTEE(S) (Last name first, then first name and initials) The Young Men's Christian Association of Greater Seattle
LEGAL DESCRIPTION (abbreviated: i.e., lot, block, plat or section, township, range) PTN SW4 S 26, S 27, SE4 S 28, S 33, S 34, NW4, N2 SW4 35-15N-5E, W.M., LCW AND NW4 S 2, S 3, NE4 AND NE4 NW4 S 4, NW4 10-14N-5E, W.M., LCW <input checked="" type="checkbox"/> Additional legal is on Exhibit A of document
ASSESSOR'S PROPERTY TAX PARCEL/ACCOUNT NUMBERS 038931-011-001, 038931-011-002, 038931-011-003, 038931-011-004, 038931-011-005, 038931-011-035, 038931-011-006, 038931-011-036, 038931-011-007, 038931-011-037, 038931-011-008, 038931-011-038, 038931-011-009, 038931-011-039, 038931-011-010, 038931-011-040, 038931-011-011, 038931-011-041, 038931-011-012, 038931-011-042, 038931-011-013, 038931-011-043, 038931-011-015, 38931-011-016, 038931-011-017, 038931-011-018, 038931-011-019, 038931-011-020, 038931-011-021, 038931-011-022, 038931-011-023, 038931-011-024, 038931-011-014, 038931-011-025, 038931-011-026, 038931-011-027, 038931-011-028, 038931-011-029, 038931-011-030, 038931-011-031, 038931-011-032, 038931-011-033, 038931-011-034, 037019-011-120, 037019-001-130 AND 038931-001-025

MEMORANDUM OF AGREEMENT

March This MEMORANDUM OF AGREEMENT (this "**Memorandum**") dated this **5th** day of **February**, 2020, is by and between **Forecastle Timber Company, LLC**, a Wisconsin limited liability company ("**Seller**") and **The Young Men's Christian Association of Greater Seattle**, a Washington public benefit corporation, ("**Buyer**").

1. **Property.** Seller owns real property in Lewis County, Washington, legally described on Exhibit A attached hereto and made a part hereof (the "**Property**"). References herein to Parcels A, B, C and D shall mean those Parcels as described on the attached Exhibit A and references herein to Tract C shall mean Tract C as described on the attached Exhibit A.

2. **Purchase and Sale Agreement.** Pursuant to that certain Purchase and Sale Agreement between Seller and Buyer dated February 7, 2020 (the "**Purchase Agreement**"), (i) Seller has agreed to convey Parcel A to Buyer, and Buyer has agreed to acquire Parcel A from Seller, on the terms and conditions set forth therein, (ii) Seller has granted Buyer an option to purchase Parcel B if Tract C is subdivided into Parcels B and D prior to the closing of the Purchase Agreement, (iii) if Buyer exercises the option to purchase Parcel C, Buyer will acquire Parcels A and B concurrently in a single closing, and (iv) if Buyer closes on the purchase of Parcel A (or Parcels A and B if Buyer exercises its option to purchase Parcel B), Seller will also grant to Buyer an option to purchase Parcel C and an option to purchase Parcel D (or Tract C if Buyer does not purchase Parcel B on the closing of the Purchase Agreement), pursuant to an option agreement ("**Option Agreement**") that will be executed by Buyer and Seller at the closing of the Purchase Agreement.

3. **Purpose of Memorandum.** This Memorandum is recorded to give public notice of the Purchase Agreement and the rights granted therein, and shall run with the land and bind the parties hereto and their successor and assigns. The full terms of the Purchase Agreement and, if the Purchase Agreement closes, the Option Agreement govern the transactions between Seller and Buyer, and this Memorandum does not in any way modify, alter, or affect the terms and conditions of the Purchase Agreement, the Option Agreement, or any other document.

4. **Future Obligations.** This Memorandum shall terminate on the earlier of (a) the date on which the Purchase Agreement is terminated, or (b) the date on which the Option Agreement is terminated, or (c) the date on which the Buyer or its assignee has closed its purchase under the Option Agreement, if Buyer's option is exercised. If not earlier removed of record by a notice of termination, this Memorandum shall automatically terminate on June 30, 2022, unless extended by the parties hereto in writing and such extension agreement is recorded. Upon termination, Buyer agrees that it will sign a notice of termination in recordable form upon request by Seller.

5. **Counterparts.** This Memorandum may be executed in counterparts, which shall be treated as originals for all intents and purposes, and all counterparts so executed shall constitute one agreement, binding on the parties hereto, notwithstanding that all the parties are not signatory to the original or the same counterpart. Any such counterpart shall be admissible into evidence as an original hereof against the person who executed it.

Signatures on the Following Pages

**EXHIBIT A
To
MEMORANDUM OF AGREEMENT**

Legal Description

Parcel A:

LOTS 1 THROUGH 13, AND 15 THROUGH 24, INCLUSIVE, OF SEGREGATION SURVEY, RECORDED JUNE 7, 2012, UNDER AUDITOR'S FILE NO. 3379875, IN VOLUME 28 OF SURVEYS, PAGE 219, AS AMENDED BY SURVEY RECORDED JUNE 22, 2012 UNDER AUDITOR'S FILE NO. 3380676 IN VOLUME 28 OF SURVEYS, PAGE 224, RECORDS OF LEWIS COUNTY, WASHINGTON, BEING LOCATED WITHIN SECTIONS 2, 3, 4, AND 10 TOWNSHIP 14 NORTH, RANGE 5 EAST, W.M., AND SECTIONS 26, 27, 28, 33, 34 AND 35, TOWNSHIP 15 NORTH, RANGE 5 EAST, W.M., LEWIS COUNTY, WASHINGTON.

Parcel B:

A PARCEL OF APPROXIMATELY 143 ACRES LOCATED IN THE SOUTHWEST CORNER OF AND TO BE SUBDIVIDED FROM THE FOLLOWING PARCEL CONSISTING OF APPROXIMATELY 1,247 ACRES ("Tract C"): TRACT C OF SEGREGATION SURVEY, RECORDED JUNE 7, 2012, UNDER AUDITOR'S FILE NO. 3379875, IN VOLUME 28 OF SURVEYS, PAGE 219, AS AMENDED BY SURVEY RECORDED JUNE 22, 2012 UNDER AUDITOR'S FILE NO. 3380676 IN VOLUME 28 OF SURVEYS, PAGE 224, RECORDS OF LEWIS COUNTY, WASHINGTON, BEING LOCATED WITHIN SECTIONS 2, 3, 4 AND 10, TOWNSHIP 14 NORTH, RANGE 5 EAST, W.M., AND SECTIONS 26, 27, 28, 33, 34 AND 35, TOWNSHIP 15 NORTH, RANGE 5 EAST, W.M., LEWIS COUNTY, WASHINGTON.

PARCEL B IS GENERALLY DESCRIBED AS A PORTION OF THE SW $\frac{1}{4}$ OF THE SE $\frac{1}{4}$ AND A PORTION OF THE SE $\frac{1}{4}$ OF THE SE $\frac{1}{4}$ OF SECTION 33, LYING NORTH OF LOTS 1, 2, 3, 4, AND 5, AND LYING SOUTH OF THE RIDGE LINE FORMED BY THE HIGHEST POINTS OF ELEVATION ON TRACT C, RUNNING SOUTHWESTERLY/NORTHEASTERLY, BETWEEN MINERAL LAKE TO THE SOUTH, THE NISQUALLY RIVER TO THE NORTH, AND MINERAL CREEK TO THE EAST, AS SHOWN ON EXHIBIT AA TO THE PURCHASE AGREEMENT.

THE LEGAL DESCRIPTION OF PARCEL B WILL BE CREATED BY THE LAND SURVEY USED FOR THE LAND DIVISION.]

Parcel C:

LOTS 14 AND 25 THROUGH 33, INCLUSIVE AND TRACT B OF SEGREGATION SURVEY, RECORDED JUNE 7, 2012, UNDER AUDITOR'S FILE NO. 3379875, IN VOLUME 28 OF SURVEYS, PAGE 219, AS AMENDED BY SURVEY RECORDED JUNE 22, 2012 UNDER AUDITOR'S FILE NO. 3380676 IN VOLUME 28 OF SURVEYS, PAGE 224, RECORDS OF LEWIS COUNTY, WASHINGTON, BEING LOCATED WITHIN SECTIONS 2, 3, 4 AND 10, TOWNSHIP 14 NORTH, RANGE 5 EAST, W.M., AND SECTIONS 26, 27, 28, 33, 34 AND 35, TOWNSHIP 15 NORTH, RANGE 5 EAST, W.M., LEWIS COUNTY, WASHINGTON.

Parcel D

TRACT C OF SEGREGATION SURVEY, RECORDED JUNE 7, 2012, UNDER AUDITOR'S FILE NO. 3379875, IN VOLUME 28 OF SURVEYS, PAGE 219, AS AMENDED BY SURVEY RECORDED JUNE 22, 2012 UNDER AUDITOR'S FILE NO. 3380676 IN VOLUME 28 OF SURVEYS, PAGE 224, RECORDS OF LEWIS COUNTY, WASHINGTON, BEING LOCATED WITHIN SECTIONS 2, 3, 4 AND 10, TOWNSHIP 14 NORTH, RANGE 5 EAST, W.M., AND SECTIONS 26, 27, 28, 33, 34 AND 35, TOWNSHIP 15 NORTH, RANGE 5 EAST, W.M., LEWIS COUNTY, WASHINGTON.

TOGETHER WITH:

THAT PORTION OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 15 NORTH, RANGE 5 EAST, W.M., LEWIS COUNTY, WASHINGTON, LYING WEST OF THE THREAD OF MINERAL CREEK.

ALSO THAT PORTION OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 15 NORTH, RANGE 5 EAST, W.M., LEWIS COUNTY, WASHINGTON, LYING WESTERLY OF ROUND TOP CREEK NOW KNOWN AS MINERAL CREEK.

EXCEPT THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 35, TOWNSHIP 15 NORTH, RANGE 5 EAST, W.M., LEWIS COUNTY, WASHINGTON.

EXCEPT FOR PARCEL B.

IF PARCEL B IS CREATED, THE LEGAL DESCRIPTION OF THE PORTION OF PARCEL D LOCATED WITHIN TRACT C WILL BE CREATED BY THE LAND SURVEY USED FOR THE LAND DIVISION.

Mineral Lake Undeveloped Property

Mineral Hill Road
Elbe, WA 98330

Inquiry Number: 6012888.6
March 17, 2020

The EDR Property Tax Map Report

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

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

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20 ft. wide reported, but av. values are too low to mine whole width, although some assays show good values in gold and silver. **Dev:** 5 adits, 1 shaft. **Assays:** A 5-ton shipment gave \$12 per ton. **Prod:** 1937, 1939. **Ref:** 58, p. 52. 97, 1938, p. 459; 1940, p. 478. 158.

Silver Dump (14)
(see under silver)

Silver Queen (15)
(see under silver)

Sonny Brown (44)

Loc: Sec. 30, (21-18E), on Nelson Hill. **Elev:** 3,800 to 4,600 ft. **Access:** 4 miles of truck road to main highway. **Prop:** 5 claims. **Owner:** E. K. Brown, Ellensburg, Wash., and A. R. Jordin, Liberty, Wash. **Ore:** Gold, silver. **Ore min:** Free gold. **Deposit:** 11 veins, 20 in. to 8 ft. wide. **Dev:** 300-ft. shaft. **Ref:** 158.

Standard

Loc: On Fortune Cr., Cle Elum R. area. **Ore:** Gold, lead. **Ref:** 63, p. 63.

Sunrise

Loc: Swauk dist. **Ore:** Gold. **Prod:** 1929, 1930, 1933, 1934. **Ref:** 97, 1930, 1931, 1934, 1935.

Sunshine

Loc: Swauk dist. **Ore:** Gold. **Prod:** 1940. **Ref:** 97, 1941, p. 474.

Sylvanite (33)

Loc: NE¼ sec. 15, (21-17E), Swauk dist. **Access:** 17 mi. by good road from railroad at Cle Elum. **Ore:** Gold. **Ore min:** Free gold. **Deposit:** Hydrothermally altered zone in fractured Swauk sedimentary rocks. **Assays:** 0.04 oz. Au. **Prod:** Probably has produced. **Ref:** 158.

T-Bone

(see Golden Fleece)

Thorp

Loc: On Red Mtn., Cle Elum R. area. **Ore:** Gold, silver, copper. **Ref:** 63, p. 65.

Tip Top

Loc: On divide between Fortune Cr. and Teanaway Cr. **Ore:** Gold, silver, copper. **Ref:** 63, p. 63.

Tip Top No. 1

Loc: Head of N. Fk. Fortune Cr., Cle Elum R. area. **Ore:** Gold, silver, copper. **Ref:** 63, p. 63.

Topping

Loc: Mammoth Mtn., Cle Elum R. area. **Ore:** Gold, silver. **Ref:** 63, p. 62.

True Fissure Gold (45)

Loc: Sec. 30, (21-18E), Swauk dist. **Ore:** Gold. **Ref:** 58, p. 69.

Twin

Loc: On Fortune Cr., Cle Elum R. area. **Ore:** Gold, silver, copper, lead. **Ref:** 63, p. 63.

Valinia

Loc: Cle Elum dist. **Ore:** Gold, silver. **Ref:** 13, p. 134.

Vidette

Loc: On Mammoth Mtn., Cle Elum R. area. **Ore:** Gold. **Ref:** 63, p. 62.

Wall Street (46)

Loc: Sec. 30, (21-18E), 5½ mi. up Cougar Gulch from Liberty. **Access:** 1½ mi. trail. **Prop:** 3 unpatented claims. **Owner:** Wm. Newstrum, Ellensburg, and R. J. Jordin, Liberty, Wash. (1934). Wall Street Mining Co. (1909-1915). **Ore:** Gold. **Gangue:** Quartz. **Deposit:** Silicified fracture zones in sand-

stone. **Dev:** 900-ft. adit connected by a raise with a 306-ft. adit 260 ft. above the lower adit. A 54-ft. winze in the upper adit. **Assays:** \$5.60 to \$10.50 Au. **Prod:** \$50,000 reported prior to 1935. 1938. **Ref:** 58, p. 71. 97, 1939, p. 490. 104, 4/30/34, p. 22. 158.

War Eagle

Loc: On Goat Mtn., Cle Elum R. area. **Ore:** Gold, silver. **Ref:** 63, p. 65.

Washington (35)

Loc: Sec. 10, (20-17E), Swauk dist. **Owner:** Washington Gold Co., Inc., Yakima, Wash. (1941). **Ore:** Gold. **Ref:** 58, p. 72.

Whippoowill

Loc: On Fortune Cr., Cle Elum R. area. **Ore:** Gold, copper. **Ref:** 63, p. 63.

Williams

(see Iias under copper)

Zerwekh (Big Z) (29)

Loc: Sec. 8, (21-18E), near head of Swauk Cr. **Elev:** 3,500 ft. **Access:** Road. **Prop:** 1 unpatented claim. **Owner:** Vernon J. Zerwekh, Chehalis, Wash. (1950). **Ore:** Gold, silver. Molybdenum, vanadium, and titanium are reported, but their occurrence here is doubtful. **Ore min:** Pyrite, free gold. **Deposit:** A 7-ft. vein of chalcedonic quartz in Swauk sediments near a 40-ft. diabase dike. **Dev:** 207-ft. adit. **Improv:** Cabin, compressor, drill, ore car (1950). **Assays:** Av. about \$8.00 Au, Ag. **Ref:** 69, p. 15. 158.

LEWIS COUNTY

Eagle Peak (1)

(see under copper)

Tacoma (2)

Loc: On S. Fk. Mineral Cr. **Owner:** Davis & Evans Mining Co. (1897). **Ore:** Gold. **Ref:** 63, p. 116.

Waterfall (3)

Loc: On Mineral Cr. **Prop:** 14 claims. **Owner:** Davis & Evans Mining Co. (1897). **Ore:** Gold, silver, lead. **Ore min:** Galena, limonite. **Dev:** 30- and 70-ft. shafts, and 4 adits, 20, 40, 100, and 140 ft. long. **Ref:** 63, p. 116.

LINCOLN COUNTY

Egypt

(see Pitney Butte under molybdenum)

Fouress (1)

(see under zinc)

Iron Crown (2)

Loc: In Mill Canyon, about 9 mi. SE. of Pitney Butte and 10 mi. from Davenport. **Prop:** 5 claims. **Owner:** C. G. Snyder, H. A. P. Myers, Dr. J. P. Turney, H. H. McMillan, Charles L. Young, Davenport, Wash. (1897). **Ore:** Gold, copper. **Dev:** 30-ft. shaft with 30-ft. crosscut. **Ref:** 63, p. 116.

Pitney Butte (Fouress)

(see Fouress under zinc)

Pitney Butte

(see under molybdenum)

Spokane Molybdenum

(see Pitney Butte under molybdenum)

United Workman

(see under silver)

Mohawk (4)

Loc: Sec. 27, (26-10E), on Money Cr. **Ore:** Lead, zinc. **Ref:** 158.

Mt. Logan

(see Guye under iron)

Mount Phelps (20)

(see under zinc)

Mount Si (27)

Loc: N. side of Mt. Si, 3½ mi. from North Bend, Snoqualmie dist. **Prop:** 2 claims. **Owner:** Fred Ellis and Albert Kelly. **Ore:** Lead. **Ore min:** Galena. **Deposit:** 16-in. streak of sulfides. **Dev:** 70-ft. adit. **Assays:** As high as \$20. **Ref:** 63, p. 41.

Neptune (7)

(see under gold)

Philippi Lake (21)

Loc: Sec. 5, (25-10E), Buena Vista dist. **Owner:** Philippi Lake Mining Co., Seattle, Wash. (1951). **Ore:** Lead, zinc. **Ref:** 150, p. 38.

Pythias

(see Damon and Pythias under gold)

Salmon Creek (2)

(see under gold)

Seattle-Cascade (14)

(see under silver)

Seven-Twenty

Loc: Snoqualmie dist. **Prop:** 1 claim. **Owner:** R. L. Blackburn (1892). **Ore:** Lead. **Ore min:** Galena. **Gangue:** Quartz. **Assays:** \$18 to \$140 per ton. **Ref:** 13, p. 167.

Silver Dollar and Copper Plate

(see Seattle-Cascade under silver)

Silver Star (19)

(see under silver)

Sockless Jerry

(see Last Chance under gold)

Solomon (31)

(see under gold)

Summit

(see Guye under iron)

Three S Gulch (15)

(see under zinc)

Treasury Lead (3)

Loc: Sec. 10, (26-10E), about 1 mi. S. of Baring, on Index Cr. **Prop:** 80 acres patented land. **Owner:** William R. Anderson, Baring, Wash. (1943). **Ore:** Lead, zinc. **Ore min:** Galena, sphalerite. **Deposit:** Small fractures in granodiorite mineralized in spots with galena and sphalerite. **Dev:** 80-ft. adit, several open cuts. **Ref:** 157.

Triple S

(see Seattle-Cascade under silver)

Triune

(see under gold)

KITTITAS COUNTY

Brown Bear

(see under gold)

Camp Creek (6)

(see under silver)

Cascade

(see under gold)

Cascade Mining (2)

(see under copper)

Esther and Louisa (4)

(see under silver)

Good Luck (3)

Loc: Sec. 27, (23-12E), on Gold Cr. near Snoqualmie Pass. **Ore:** Lead, silver. **Ref:** 58, p. 26. 63, p. 61.

Granite King (1)

(see under silver)

Grizzly Bear

(see under gold)

Majestic

(see under gold)

Mildred

(see under copper)

Ruby King

(see under gold)

Silver Dump (5)

(see under silver)

Standard

(see under gold)

Twin

(see under gold)

LEWIS COUNTY

Eliza (3)

Loc: On Mineral Cr. **Owner:** Mineral Creek Mining Co. (1897). **Ore:** Lead. **Ore min:** Galena. **Dev:** 100-ft. adit. **Ref:** 63, p. 116.

Goldie (4)

Loc: On Mineral Cr. **Owner:** Mineral Creek Mining Co. (1897). **Ore:** Lead. **Ore min:** Galena. **Ref:** 63, p. 116.

Mineral Creek (1)

(see under zinc)

Waterfall (2)

(see under gold)

LINCOLN COUNTY

Crystal (1)

Loc: 1,100 ft. SE. of the W. ¼ cor. sec. 21, (28-36E). **Elev:** 1,610 ft. **Access:** ¼ mi. N. of State Highway No. 22 on a poor road. **Owner:** Crystal City Mining Co., Spokane, Wash. (1955—). Crystal Mining Co. (1902). New Crystal Mining Co. (1918-1922). Lincoln Mining & Milling Co. (1934). W. F. Pierce, Miles, Wash. (1940-1944). **Ore:** Lead, silver, copper, tungsten. **Ore min:** Galena, pyrrhotite, chalcopyrite, pyrite, sphalerite, native silver. **Gangue:** Tremolite, kaolin. **Deposit:** Small replacement bodies in dolomite near its contact with granite. Chalcopyrite and pyrite also disseminated in the wall rock near the ore bodies. **Dev:** 200-ft. adit, 3 shafts, 150 ft. of drifts. **Assays:** \$40 Ag, Pb. **Ref:** 7-A, p. 9. 11, p. 27. 88, p. 22. 98, 1920-1926. 112, p. 193. 158.

Egypt (4)

Loc: At foot of Pitney Butte. **Owner:** Charles Grutt, Davenport, Wash. (1897). **Ore:** Lead. **Ore min:** Galena. **Dev:** 120-ft. crosscut. **Ref:** 63, pp. 115-116.

...this prairie area there is a
...southwest face of Mount
...to the northeast.

...Mineral Lake, about 1.5 mi
...st along this road, sits on
...eek drift. The town was
...e mineral deposits in this
...neral Inn was once a sani-
...der, 1990). (See "Gold and
...ction and Mineral Areas"

...notch (fault controlled?)
...Formation on the south-
...d andesitic rocks of Ter-
...t.

Gold and Arsenic in the Park Junction and Mineral Areas

by Rebecca A. Christie and Katherine M. Reed

Mineral Creek flows into the Nisqually River less than a mile (~1 km) southwest of Park Junction, about 2.5 mi (4.0 km) west on SR706 (Leg A). Mining for gold and arsenic took place along the creek for several years between 1892 and 1922.

In 1892, the Eureka Mining Company of Tacoma issued a prospectus that described Mineral Creek as the new "Eldorado of Washington". The company's claims covered about 40 acres (16 hectares), and each claim contained "a very large vein of gold bearing quarts [*sic*], about 100 feet [30.5 m] wide, running the entire length of the same" (Eureka Mining Company, 1892). Despite the company's efforts, this area had no significant yield of gold.

The Mineral Creek Mining and Smelting Company, whose operations site was 5 mi (8 km) southeast of the town of Mineral, mined realgar (As₂S₃), from which arsenic is extracted. A surface vein of rich sulfide ore (sphalerite, galena, and realgar) was discovered in 1900 and worked until 1922. Hunting (1956, p. 23) noted that 1000 tons (900 metric tons) of arsenic ore were reported to have been produced here in 1903, less in the following years. The mine closed when a smelting process was developed that recovered arsenic as an inexpensive by-product during the recovery of other metals, making operation of the mine unprofitable (Hunting, 1956; Filley, 1996). ■





PROSPECTUS

OF THE

EUREKA

MINING

COMPANY



**MINERAL CREEK,
WASHINGTON**



INCORPORATED MARCH, 1892



Main Office:

TACOMA, WASH.

EPH
979.782
EJ72e
1892



The Eureka Mining Company



Main Office:

TACOMA, WASH



Board of Trustees

M. A. TULLOCK, J. Z. VANCE,
JOHN G. McBRIDE.

Officers

M. A. TULLOCK, President.
J. Z. VANCE, Vice-President.
JOHN G. McBRIDE, Secretary.
M. A. TULLOCK, Treasurer.

PAM
622
EUTZP



F. T. HOUGHTON & CO.
PRINTERS
TACOMA, WASH.

PROSPECTUS.

This Company was organized and incorporated under the laws of the State of Washington in March, 1892, by a number of prominent citizens and experienced mining men of Tacoma, Lake Park and Eatonville, for the purpose of developing two large and valuable mineral deposits in the new "Eldorado of Washington," named Mineral Creek, in Lewis county of said State. The company owns the Mammoth and Poor Man's Friend mining claims, which consist of 600 feet by 1500 feet each, or about 40 acres of surface ground in both claims. Each claim contains a very large vein of gold bearing quarts, about 100 feet wide, running the entire length of the same. It is FREE MILLING ore and can be very cheaply worked; not to exceed \$1.00 per ton will be required to extract the precious metal from it.

The Mammoth Claim adjoins the Mineral Creek townsite, and is situated on one of the forks of Mineral Creek, where an inexhaustible supply of water can be secured for working the mine. There is also a good mill site on the claim, from which the ore body gradually rises at an angle of about 45 degrees, extending to the end of the claim. The ore body can be seen in many places the entire length of the claim. The height of the claim at extreme end is about 200 feet, therefore any person conversant with mining can readily see how cheaply it can be worked, as all that is necessary is to run it down grade by any modern appliance to the mill. Now, as the ore body is exposed sufficiently to show its extent both in width and length, it is easy to determine about how many tons of ore there are "in sight" above the level of the stream where the mill will be located. Say the claim is 1500 feet long and the vein will average 100 feet wide and 100 feet in depth, we find over 500,000 cubic yards, or about one million tons, and as there has been several assays of the ore made by first-class assayers, both in Tacoma and elsewhere, the average of which is \$28.00 per ton, this would indicate that the ore in sight is worth over \$27,000,000.00 net after allowing \$1.00 per ton

for working it. While these figures look enormously large, yet they are based on the best information available at the present stage of development. What may be found below the surface for thousands of feet, no man can tell; but it is a well established fact that gold-bearing quartz such as this always improves as depth is attained. And bear in mind that these are only the figures on one claim, the Mammoth. The other claim appears to be just as good, and no doubt it is, as it is situated near by and the formation is about the same.

The Object of illustrating the facts as indicated above is to show you just what this company has to offer to the investor who is willing to put his money into the enterprise, and I am sure that for every dollar invested that many hundreds will be returned in dividends before many years. Bear in mind that there is no stock offered for sale outside of the Treasury stock, and every cent derived from its sale goes towards developing the mine; and although the first series will be sold very low, yet the price will advance as the development goes on. Consequently, every dollar invested now, is sure to multiply itself many times in the near future.

The Stock is Non-Assessable, so that a person will not be called upon to pay assessments every month, or year; but is sure to receive dividends regularly every month instead. This is a wise precaution, as there is no risk of having your stock hypothecated for assessments. There are 250,000 shares of stock, at a par value of \$1.00 each, from which 50,000 shares are placed in the treasury to be sold for the purpose of developing and operating the mine until it is put on a paying basis. The first 10,000 shares will be sold at 25c each, after which the balance will be advanced in proportion as the development justifies; but it is reasonable to say that the price will not be less than 50c per share for the second 10,000 shares and \$1.00 per share for the third series of 10,000, and as soon as the mine becomes a dividend-paying institution no one can tell how high the price of stock will go. Stock in the the Consolidated Virginia, and California, mines sold as high as \$1450 per share about 16 or 18 years ago. Consequently we can reasonably hope for a big price for this stock as soon as the value of the mines are known.

The Incorporators and those largely interested in these mine, are: M. A. TULLOCK, Lake Park; J. Z. VANCE, Eatonville; JOHN G. McBRIDE, Tacoma. As these men are prominent citizens and business men of undoubted integrity, their names are a guarantee that the affairs of the company will be

conducted on an economical basis for the best interests of its stockholders, and that the company will be paying dividends every month at no distant date.

The Benefit of this enterprise to Tacoma cannot be overestimated, as it is sure to enhance the value of real estate many hundred per cent. To illustrate beyond a doubt how cheaply low grade ores can be worked at a profit, we take the liberty of publishing the following from a recent issue of the Deadwood (S. D.) *Pioneer*:

“PROFIT IN LOW GRADE ORES.

“The statement recently published by the Homestake and Deadwood-Terra Mining companies has opened the eyes of mining men. They show that for the past year the Homestake ore has only run \$3.60 a ton, while the Deadwood-Terra only goes \$1.40, yet the former has paid a ten cent per share dividend every month, and has a surplus of \$120,000, while the latter has piled up a surplus of \$300,000 and is paying five cent dividends every month. The success of these mines in making low grade ores pay has stimulated others, and a movement is now on foot, backed by leading men of the Black Hills, to erect an immense custom mill at some point that is reached by railroad connections, and can furnish sufficient water power to run the mill. At present Belle Founche is the point which offers the most favorable opportunities, having a large water power, and being connected with the free gold belt by a full railway system. There are immense bodies of low grade ores in the vicinity of Central, some vertical veins and some flat cement deposits. A most painstaking examination of these last has been made, and they were found to average \$1.90 per ton. The cost of mining, milling and transportation is estimated at \$1.00 a ton, leaving a profit of 90 cents. The intention is to have 1000 stamps working this ore, crushing 3000 tons daily. It takes but little thought to see what immense benefit such an undertaking would be to the country, giving employment as it would to about 2000 men. A strong effort is being made to enlist Eastern capital in the scheme, and the promoters are sanguine of their success.”

Many Instances of fabulous prices that have been paid for mines could be given, amongst which is the Anaconda of Montana, which sold but a short time ago for \$20,000,000; also, the extension to the Minnie Moore in Idaho was sold for \$3,000,000, and the Minnie Moore mine itself sold for \$3,000,000 after having yielded over \$9,000,000 in dividends to the lucky owners of its stock.

A Copy of the By-Laws of the Eureka Mining Company can be examined at John G. McBride's office, Tacoma, who is Secretary of the Company. Persons desiring stock can secure it by applying to him, either personally or by letter.

M. A. Tullock, who is President and Treasurer of the Company, is a highly respected citizen of Lake Park. He has been engaged in the mining business for over twenty years, in California, Nevada, Arizona, Idaho, Colorado and Washington. As soon as the news was received of a rich strike having been made at Mineral Creek he lost no time in getting there, and has been rewarded by having discovered fine ledges of good paying quartz, amongst them being the Mammoth and Poor Man's Friend, now owned by the Eureka Mining Company.

J. Z. Vance is also an experienced miner, and resides about three miles from Eatonville on a very valuable ranch. He is Vice President of the Company, and a man of means. He accompanied Mr. Tullock to the New Gold Fields of Mineral Creek at the time they made these discoveries. He has the utmost confidence in these mines and says that when they are developed they are sure to astonish the world with the large amount of gold which they are sure to yield to their fortunate owners.

John G. McBride is a resident of Tacoma, having resided here for over four years, and having been associated with the prosperity of it for over eight years before. Mr. McBride may be termed a pioneer miner, having been interested in mines in California for over nineteen years. He has traveled extensively in California, Nevada, Arizona, Idaho, Oregon, Washington and British Columbia for over fourteen years, being in the employ of the Huntington-Hopkins Company of San Francisco for nearly twenty years. Leaving their employ he engaged in the hardware business in Tacoma about four years ago. He sold out his business about six months ago and he is now giving nearly all his time to the development of his large mining interests in this State. He is Secretary and General Manager of the Eureka Mining Company, and will be pleased to explain all the plans of the corporation to any one interested in it. He is very enthusiastic as to the bright outlook of this Company.

The Following Article is taken from the Chelan Falls *Leader*, and as it treats on the mining business in general we take the liberty of inserting it here. It shows the mining business in its true light—not a swindle, as many look upon it, but an honest, upright and legitimate business, second to none in the world, and, if conducted properly, *the best* and surest way to fortune.

"THE BUSINESS OF MINING—JUST AS LEGITIMATE AS ANY OTHER BUSINESS AND MORE PROFITABLE.

"The following is from a letter recently published in the New York *Financial and Mining Record*:

"There is one branch of business that has been almost ostracised in Eastern cities of late years, the mere mention of which will, I find, cause a holy horror and one grand howl of protest, and that is mining. 'Oh! that is what he is coming at, is it?' Yes; that is just what I am coming to, and I assert right here that there is no business that pays better. And why it should be so universally decried, and why such a prejudice exists against it will be answered, no doubt, by the remark, 'It is such a swindle.' This view of it simply shows the stupid ignorance of facts and business. Of course, no other swindling business is ever heard of! It is all confined to mining. The moment you talk to a man at the present time about a mine he will tell you of the lot of worthless mining shares he found in his daddy's strong box after his decease. He doesn't tell you of how many shares of worthless railroad and other stocks he found, or how many thousands in defaulting bonds and schemes in general. This discouragement of mining and mining business is greatly aided by the holy horror of bank presidents and directors when the subject is mentioned.

"Suppose this prejudice existed generally, who would do the mining? and unless someone did it where would the gold and silver come from to supply the vaults of these same banks? What short-sighted, contemptible and senseless talk it is. Banks must have coin, but they decried and discourage its production and discriminate against the men who produce it.

"The fact is this community is as ignorant of legitimate mining business as babies in the woods. All they know is that at one time schemers and swindlers put a lot of worthless mines off on their daddies; per consequence, all mines are swindles—all banks are frauds because some have failed. And, as a general thing, who perpetrated these mining swindles? In nine cases out of ten, the very men who are a part and portion of this business community. The schemer's home productions and the money remain here, as the real owners of the mine received but a fraction of it, but it was the innocent mine that got all the opprobrium, because it failed to turn out the millions promised by the home promoters and manipulators, and no man having any sense could expect the mines could pay any such fabulous profits; and yet some mines do pay big interest on the investment. Where does all the gold and silver constituting the metallic circulation of the country come from? It doesn't grow, certainly. What has built up the cities of the extreme West—Denver, Salt Lake, Leadville, San Francisco? Mining. What has populated Colorado, Wyoming, Idaho, and inaugurated an era of prosperity? Mining. Where do the dray loads of gold and silver bars we see daily at the doors of the banks, mints and sub treasuries come from? The great West is growing rich from these products.

"A great and profitable mining business is building

these Western cities, and yet New York ignores a source of profit far beyond the daily jack-knife swapping of Wall street. Ten per cent. of the capital used here daily, realizing a paltry 1 or 2 per cent., if judiciously invested in mining would pay a larger profit in one month than is now realized in stocks in twelve.

"Look at the output of such mines as the Aspen, the Smuggler, the Ontario, and hundreds of mines that this community never heard of. Their profits run up into the millions and all these great mines were once prospects. There are hundreds yet in their infancy that by the work of development will at no distant day rival these mentioned.

"Look at such men as Hearst, Mackey, Tabor, Fair, Flood and O'Brien, with their millions. There are a few quiet men in this community who have invested in mines and are to-day in receipt of princely incomes from their mining interests.

"I can put my finger on men who are receiving all the way from twenty to sixty thousand dollars per month. One man I could name who on an investment of \$35,000 is receiving a dividend of \$50,000 per month. How many investing that amount in stocks can claim scarcely six per cent. per annum on their investment? And how many never see the principal again?

"If men contemplating investment in mines would give the same care and investigation to the matter that they give to the purchase of a piece of real estate, we should hear of fewer 'swindles.' There are good mines and poor mines, and careful investigation and proper research into their merits is just as necessary as in the case of any other investment, and the real merit of mines is as easy to ascertain as those of ordinary business propositions.

"There are two classes of mines that offer good prospects of profit. Those already developed to a paying basis, and the undeveloped class requiring capital to develop. The former are held at a price to compensate for the risk previously taken and the profit they are paying. The latter are cheap and can be had at mere nominal figures, cheap enough to justify the risk of small capital required to develop them sufficiently to determine their future value and the safety of a further investment for a plant to work them. The great error in hundreds of cases has been the injudicious building of plants before the claims had been developed sufficiently to justify the outlay. This bad judgment has been the cause of loss quite unnecessarily. Mining has now become a legitimate business in the West, and is conducted on very different principles from what it was in earlier days. The cost has been greatly reduced by more moderate wages and the introduction of labor-saving machinery. In the earlier days half the value of ores was lost by imperfect manipulation. By long experience and more intelligent knowledge of working, we now save close to the assay value."

Address all Communications to the Secretary of the Company at his office, California Block, TACOMA, WASH.

BY-LAWS OF THE Eureka Mining Company.

ARTICLE I.

NAME AND PLACE OF BUSINESS.

This Corporation shall be known and designated as the Eureka Mining Company, and its principal place of business shall be in the City of Tacoma and State of Washington.

ARTICLE II.

CAPITAL STOCK.

SECTION 1. The Capital Stock of this Corporation shall be two hundred and fifty thousand dollars (\$250,000.00), divided into two hundred and fifty thousand shares of the par value of one dollar (\$1.00) each.

SEC. 2. The stock shall be issued in such manner, and to such persons as the Board of Trustees may direct; but each share thereof shall be fully paid up before the same is issued and the certificate therefor delivered, and shall thereafter be non assessable.

SEC. 3. The certificates of stock shall be kept in a bound book, and shall only be issued therefrom; said certificates shall be consecutively numbered in said book, and in the margin from which each certificate shall be taken shall be entered the number and date of the certificate, the name of the person to whom the same has been issued and the number of shares represented thereby. Each certificate issued shall be signed by the President and Secretary, shall bear the seal of the Company, and shall be receipted for on the margin of the stock book from which it is taken by the person to whom the same is delivered; and such person to whom said certificate is issued and delivered shall, at the time of receipting therefor, subscribe and consent to the By-Laws of this corporation. Each certificate exchanged or returned shall be cancelled and inserted in its original place in said book. No certificate of stock shall be issued in lieu of another until the old certificate is returned and cancelled, except by order of the Trustees in writing and attached to the place said certificate should occupy.

SEC. 4. The stock of the Company may be transferred at any time by the holder thereof, or by attorney legally constituted, or by legal representatives; but no transfer of stock

shall be binding upon the Company until the same shall have been entered in the stock books of the Company. The stock books of the Company shall be closed ten days before the annual meeting, and ten days before the date fixed for the payment of the dividends; and there shall be made up therefrom a list of the stock subscribers or the holders of stock in this Company, who shall be entitled to vote at such annual meeting; or, if closed on account of the declaring of a dividend, a list of the stock subscribers or holders of the stock who are entitled to receive such dividend.

ARTICLE III. MANAGEMENT.

The stock, property and business of this Company shall be managed by a Board of seven Trustees, who shall be elected at the annual meeting of the stockholders, and who shall hold office for one year and until their successors are chosen and qualified. Said Board of Trustees to have full power of disposition and control of the property and affairs of this corporation.

ARTICLE IV.

MEETINGS OF STOCKHOLDERS.

SECTION 1. Any person who has subscribed for, or who may hold one or more shares of the capital stock of this corporation, which has been fully paid up, shall be considered a member of such corporation, and shall be entitled to vote at all meetings of the stockholders of this corporation.

SEC. 2. The annual meeting of the stockholders for the selection of its Board of Trustees, and the transaction of such other business as may be legal and proper, shall be held on the first Wednesday in July of each year, at the office and principal place of business of the Company, in the City of Tacoma, State of Washington; and for the purpose of the election of said Board of Trustees, polls shall be opened at such place during such hours as shall be specified in the notice of such meeting.

Special meetings of the stock subscribers or holders may be convened by the Board of Trustees at any time upon the request in writing of such subscribers or holders as shall represent not less than one-fifth of the capital stock of this corporation; such application shall set forth the time and object of such meeting.

SEC. 3. Notice of the time and place of all meetings shall be given to each stockholder or stock subscriber personally, or by mailing a notice to each stockholder or stock subscriber, addressed to him at his last known residence as appears on the books and records of the Company, at least thirty days before the time of such meeting. At all meetings of the stockholders or stock subscribers, a majority of the capital stock, represented either by the owner in person or by proxy, shall be necessary to constitute a quorum, and each share of stock shall be entitled to one vote; but less than a quorum may meet and adjourn from day to day until a quorum is present.

SEC. 4. All elections to office shall be by ballot, and each stock subscriber or holder, either in person or by proxy, shall be entitled to as many votes as he may own, or represent by proxy, shares of the capital stock of the Company fully paid up; and the person or persons receiving the greatest number of votes shall be Trustee or Trustees, and the Secretary of the Company shall immediately inform the persons so elected of their election. All acts of any Trustee or Trustees who shall have been duly elected shall be valid and binding until their successors are elected and qualified.

ARTICLE V.

BOARD OF TRUSTEES.

SECTION 1. The stockholders of this corporation shall, at their annual meeting of each year, elect a Board of seven Trustees, in manner as prescribed in Section 2425 of the Revised Statutes of Washington, Code of 1881, who shall serve for one year from the date of their election.

SEC. 2. The Trustees mentioned in the Articles of Incorporation of this Company shall serve until the first Wednesday in July, 1892, and until their successors shall have been elected and qualified; and upon the said first Wednesday in July, 1892, their successors shall be duly elected for the term of one year, and after qualifying shall hold office for such term or until their successors are elected and qualified, and so on, each Board of Trustees of this Company holding office for one year or until their successors are elected and qualified.

SEC. 3. The Board of Trustees, immediately upon their election, and after they have taken the oath required by the statute, shall immediately organize, and shall elect from their own number, officers of this Company to serve for the term of one year and until their successors are elected and shall qualify, as follows: a President, Vice-President and Secretary of the corporation; the Secretary may also act as Treasurer. The Trustees shall also at the same time select and elect an Attorney and a Treasurer for said Company; which Treasurer may be any person, bank, or other corporation; but such person, bank or corporation, must be the holder and owner of one or more fully paid up shares of the stock of the corporation. The Trustees may from time to time appoint and employ such other subordinate officers, agents and employes as they may deem best, or the business of the Company may require; and may remove such officers, agents and employes so appointed at their discretion, subject however, to the right of said Board by contract to specify any length or definite period of time for which said agent or employe may be engaged.

SEC. 4. The Trustees shall fix the salary or compensation to be paid all officers, agents and employes of the Company. They shall require a good and sufficient bond of the Treasurer, and of such other officers, agents and employes of the Company as they think proper; the penal amount of which bond they shall fix, and which bond shall be approved and

accepted by them before such officers, agents or employes shall enter into the performance of their duties.

SEC. 5. The Board of Trustees shall exercise the general powers of the corporation, and manage and control the affairs thereof. They shall call meetings of the stockholders when they deem necessary, giving not less than thirty days notice thereof, and shall call meetings of the stockholders at any time upon written request for that purpose of persons representing not less than one-fifth of the capital stock of the Company.

SEC. 6. They shall make rules not inconsistent with the laws of the State of Washington, nor the By-Laws of this Company, for the guidance of the officers and management of the affairs of the Company. They may suspend or discharge, for good cause, any officer of the Company; demand for inspection at any time, from any officer, all books, papers and other documents relating to the business of the Company; and shall fill all vacancies which may occur in the offices of the Company; and in case of a vacancy in the Board of Trustees, the same shall be filled by appointment by the remaining members of the Board, until the next annual meeting of the stockholders, when such vacancy shall be filled by regular election.

SEC. 7. They may borrow money in the name of the Company, and incur such indebtedness as they shall deem necessary, and may give the Company's notes or bonds therefor, and secure the same by mortgage, deed of trust, or otherwise, upon the property of the Company, including collateral securities. They may exchange the property of the Company for other property, and may execute mortgages upon the property of the Company, which mortgages shall be given in exchange for other property upon the vote so to do of two-thirds of all the Trustees present and voting at any meeting of the Trustees, whose names shall be recorded by the Secretary as so voting. They may authorize the execution by the President and Secretary, of any note, mortgage or other instrument for the purpose of evidencing or securing any indebtedness of the Company which they may incur; and all transfers of mortgages of property shall be made by the President and Secretary by direction of the Board of Trustees, on a resolution duly passed by such Board and entered on the minutes of the Company.

SEC. 8. They may declare dividends from time to time from the net profits of the Company, in accordance with law; but no dividend shall be declared or paid except for money or its equivalent, actually in possession of the Company over and above the amount of all unpaid obligations then due.

SEC. 9. The Trustees shall hold regular meetings on the first Wednesday of each month, excepting when such day shall be a legal holiday, when the meeting shall be held on the day following. Special meetings may be called by the President and Secretary at any time after due notice, and shall be called by them on the request in writing of three

Trustees. A majority of all the Trustees shall constitute a quorum at all meetings.

SEC. 10. All questions before the Board shall be decided viva voce. The names of those voting shall be taken down at the time, if desired by any member. There shall be a record of the vote, and all other proceedings of the Board, which shall be verified by the signature of the Secretary.

ARTICLE VI.

PRESIDENT.

SECTION 1. It shall be the duty of the President to be present at all meetings of the stockholders and of the Board of Trustees; and he shall, with the Secretary, sign all certificates of stock, contracts, drafts, checks and orders for and on behalf of the Company, and all other vouchers for the payment of money, unless otherwise ordered or provided by the Board; and he shall, with the Secretary, sign and acknowledge all deeds, mortgages and other instruments conveying or encumbering the property of the Company. He shall sign all orders drawn on the Treasurer for the payment of moneys ordered by the Board of Trustees.

SEC. 2. He shall have the custody of all bonds executed by the officers of the Company for the faithful performance of their duties, except his own bond, if any, which shall be deposited with the Treasurer.

SEC. 3. He shall call all special meetings of the Board of Trustees, except in his absence, when they shall be called by the Vice-President.

ARTICLE VII.

VICE-PRESIDENT.

The Vice-President shall perform all the duties of the President in case of the absence, disability, death or resignation of the President.

ARTICLE VIII.

SECRETARY.

SECTION 1. It shall be the duty of the Secretary to attend all meetings of the stockholders and Board of Trustees, and enter the minutes of such meetings in a book of records kept for that purpose.

SEC. 2. He shall have the custody of all the books of the Company and shall keep a correct account between the Company and the stockholders, and draw and sign all orders on the Treasurer; and shall, with the President, sign all certificates of stock, contracts, drafts, checks, notes and orders for and on behalf of the Company, and all other vouchers for the payment of money, unless otherwise ordered or provided by the Board; and he shall, in connection with the President, execute all deeds and mortgages and other instruments for the conveyance or encumbrance of the property of the Company.

SEC. 3. He shall keep the book of the blank certificates of stock, fill up and sign all certificates issued, and make the proper entry on the margin of each book on such issuance. He shall keep a proper transfer book, and a stock ledger in

debit and credit form, showing the number of shares issued to and transferred by any stockholder, and the dates of such issuance and transfer; and shall make to the Board of Trustees, whenever required, a statement of the financial affairs of the Company; and shall prepare the annual statement to be made by the Board of Trustees to the stockholders; and upon retiring from office, shall turn over to his successor, within five days thereafter, all books and papers in his possession belonging to the association.

SEC. 4. He shall have the custody of the seal of the Company and shall affix it to all documents which shall require it.

SEC. 5. He shall also perform all the usual duties of his office, likewise those of the Treasurer when elected to that office, and shall have the custody of such documents and property of the Company as the Trustees may designate and as are customary and necessary in the business. During the absence of the Secretary his duties may be performed temporarily by such person as shall be designated by the Trustees.

ARTICLE IX.

TREASURER.

SECTION 1. It shall be the duty of the Treasurer to receive and keep all moneys belonging to the Company, and to disburse the same, and those held in trust and deposited with the Company, upon orders, drafts, checks and other vouchers, signed by the Secretary and countersigned by the President.

SEC. 2. He shall furnish and keep on deposit with the President of the Company a satisfactory and sufficient bond in such penal sum as may be required by the Trustees, and approved by them; and at the expiration of his term of office, he shall, before the expiration of five days, turn over to his successor all moneys, books and papers or other valuable documents in his possession belonging to the corporation.

ARTICLE X.

ATTORNEY.

SECTION 1. The Attorney shall examine the records and present to the Board of Trustees a written report as to the title of the real estate offered as security to the Company for loans, or to be bought or sold. He shall prepare all mortgages given to the Company for loans, and shall see that the same are properly executed and recorded, which fee is to be paid by the borrower.

SEC. 2. He shall represent the Company in any and all legal proceedings in which it is a party or is interested. He shall attend all regular meetings of the Board of Trustees, and shall give his advice and counsel whenever requested. He shall draw all necessary legal papers, and in general render such legal services required or requested by the Board of Trustees.

ARTICLE XI.

AUDITING COMMITTEE.

The President of the Board of Trustees shall, at the end

of six months from this date, and every six months thereafter, appoint an Auditing Committee of three persons, who shall carefully examine all books, papers, accounts and vouchers of the Secretary and Treasurer, and such other officers and employes as they think proper, and submit to the regular monthly Trustees' meeting a written report thereon.

ARTICLE XII.

REFERENCE TO STOCKHOLDERS.

The Trustees may submit to the vote of the stockholders or subscribers any proposition relating to the officers or business of the Company, notice thereof to be given, and the vote to be taken in the same manner as provided in the By-Laws for the election of Trustees.

ARTICLE XIII.

CORPORATE SEAL.

The Corporate Seal of the Company shall be as follows: "Corporate Seal, Eureka Mining Company, 1892."

ARTICLE XIV.

AMENDMENT OF BY-LAWS.

These By-Laws may be amended or replaced and others added at any regular meeting of the Trustees, notice of such proposed amendments having been given at the previous meeting, or at any special meeting of the Trustees called for that purpose, which purpose shall be stated in the notice calling the meeting.

CERTIFICATE.

We, the undersigned, Trustees of the Eureka Mining Company, hereby certify that the foregoing By-Laws, consisting of Fourteen (14) Articles, have been duly adopted as the By-Laws of the corporation.

Witness our hands this 23rd day of March, A. D. 1892.

M. A. TULLOCK,
JOHN G. McBRIDE.

We, the undersigned stockholders of the Eureka Mining Company, hereby consent to the foregoing By-Laws, and agree to be governed by the terms and provisions thereof.

M. A. TULLOCK.
JOHN G. McBRIDE.










Industrial Mineral Locations



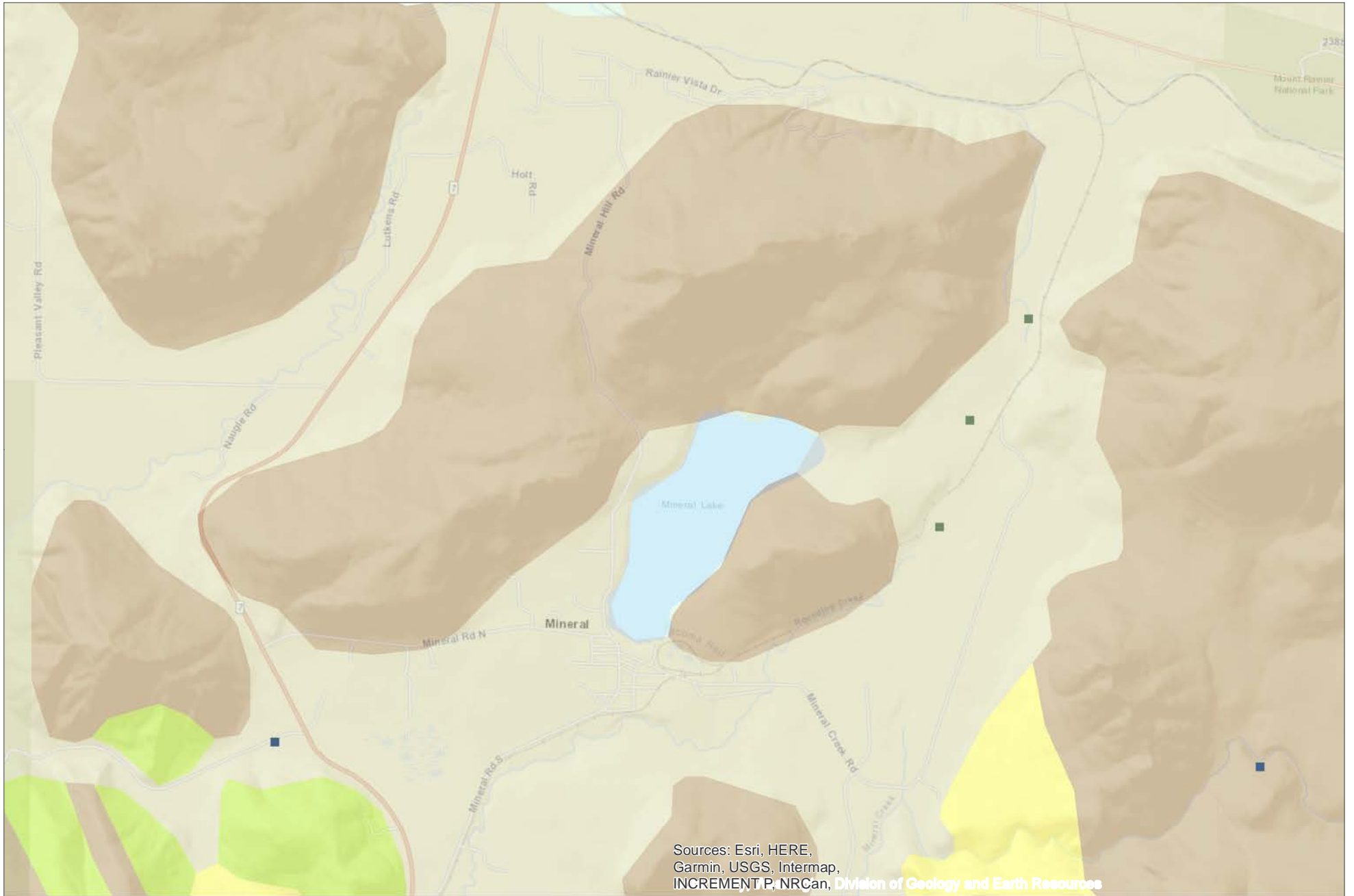
Metallic Mineral Locations



Geologic Units 500k

-  Qls, Quaternary mass-wasting deposits
-  Qad, Pleistocene alpine glacial drift
-  Tc, Tertiary continental sedimentary rocks
-  Tv, Tertiary volcanic rocks
-  Water

Mines near Mineral Lake



WASHINGTON STATE DEPARTMENT OF
NATURAL RESOURCES
WASHINGTON GEOLOGICAL SURVEY

Geology Portal

0 0.35 0.7 1.4 Miles





Identify

Metallic Mineral Locations

Goldie

Geologic Units
500k

Qad

Feature Information

Site name:Goldie

Alternate names:--

Primary Commodity:Lead (Pb)

Commodities:Lead

Ore minerals:Galena

Gangue:--

Location description:On Mineral Creek

Location accuracy:coordinates estimated from location description

Mining district:--

Assays:--

Production:--

Comments:



APPENDIX D
Previous Environmental Report

**LEVEL 1
ENVIRONMENTAL ASSESSMENT**

**Mineral Lake Block
near Elbe, Washington**

Prepared for
Forecastle Timber Company LLC
Madison, Wisconsin

by
Geotechnical Testing Lab
Olympia, WA

December 18, 2002

GEOTECHNICAL TESTING LABORATORY

FORECASTLE TIMBER COMPANY LLC
1 SOUTH PINCKNEY ST.
SUITE 501
MADISON, WI 53703

ATTN: PHIL BLAKE

Re: **Limited Phase 1 Environmental Assessment
Lewis County, WA**

INTRODUCTION

This report presents the results of a Limited Phase 1 Environmental Assessment of the above referenced site near Elbe, Washington. The site consists of Lots 1-25, inclusive, of Segregation Survey recorded on June 1, 2000, in Vol. 19 of Surveys, Pg. 239, under Auditor's File No. 3093880, located in Sections 2, 3, 4, and 10, Township 14 North, Range 5 East, W.M., and sections 26, 27, 28, 33, 34, and 35, Township 15 North, Range 5 east, W.M. in Lewis County, WA. The purpose of this assessment is to identify potential environmental hazards, the presence of toxic or hazardous substances contamination on or beneath the site as defined by State and Federal Agencies, the Washington State Department of Ecology, ASTM Practice E 1527 - 97, and the Environmental Protection Agency at the Federal level. Hazardous substances include underground storage tanks, asbestos, lead based paints, and agri-chemicals.

SCOPE OF WORK

Our study and evaluation is based on available data, including information gathered from a site visit, and published documents relevant to environmental concerns. Historical aerial photos were reviewed. Historical records were reviewed to determine the prior owners, the property use, and whether unacceptable substances may have been previously introduced into the environment. Sources of information consulted include:

- Geotechnical Testing Laboratory job files for geotechnical information
- Washington State Site Register (TOXICS)
- National Priority List (NPL)
- Washington State SPL (State equivalent Priority List)
- TSD (regulated Treatment Storage or Disposal of hazardous wastes)
- EPA CORRACTS (corrective action taken by the Resource Conservation and Recovery Act, "RCRA" of 1980)
- US EPA CERCLIS (sites formerly or currently under review by the US Environmental Protection Agency)

GEOTECHNICAL TESTING LABORATORY

- CSCSL (State equivalent CERCLIS list)
- LUST (Leaking Underground Storage Tanks)
- UST (Registered Underground Storage Tanks)
- ERNS (Emergency Response Notification System of Spills)
- LG GEN (RCRA registered large generators of hazardous wastes)
- SM GEN (RCRA registered small generators of hazardous wastes)
- SWLF (regulated Solid Waste Landfills, incinerators, or transfer stations)
- SHWS (State Hazardous Waste Systems)
- Aerial Photographs of the subject site

SITE LOCATION AND DESCRIPTION

The subject site is an irregular shaped parcel of approximately 2000 acres, located on previously undeveloped land southeast of Elbe, in Lewis County, WA. The site lies adjacent to and south of the Nisqually River. Mineral Creek and an abandoned railroad border the property to the east. The site is accessed from Mineral Hill Road near Mineral Lake in the southwest portion of the site. The project site is surrounded by sparse residential development and timberlands.

Latitude (North): 46.744500 46° 44' 40.2"
Longitude (West): 122.167800 122° 10' 4.1"
Sections 33, 34, 35, 26, 27, and 28 of Township 15 North, Range 5 East
Sections 3 and 4 of Township 14 North, Range 5 East

The site soils are derived from fluvial materials and volcanic deposits. They are mapped by the U.S.G.S. Soils Conservation Service as Hesson clay loam, but appear to vary over the site. The soil has a 12-inch surface layer of clay loam. The soil has a low permeability (0.6 inches/hour) at all depths. Over the site, the soils also contain sand and gravel up to 6-inches in diameter. The soil is not considered hydric.

Surface water drains in all directions. The south portion of the site drains southward into Mineral Lake, the outlet (Mineral Creek) flows northeast into the Nisqually River. The east portion of the site drains into Mineral Creek and flows northward into the Nisqually River. The north portion of the site drains north into the Nisqually River. Drainage in the west portion of the site is split between the Nisqually River and Mineral Lake. The Nisqually River ultimately flows into the Budd Inlet. Groundwater is expected to follow topography and flow in all directions.

Federal Area Radon Information records for Lewis County indicate that radon gas levels average to 0.625 pCi/L, which is well below hazardous levels.

GEOTECHNICAL TESTING LABORATORY

SITE LAND-USE HISTORY

The site has never been developed and no structures currently exist. Historically and currently, the site has been used for forestry purposes. The Weyerhaeuser Company is the only recorded owner of the subject property. The property is covered with timberland and recently, the site has been partially logged and replanted.

A verbal conversation with Ted Baker revealed that groundwater is over 200 feet in depth in Section 34. A well located to the northwest of the site by the creek has a depth to water of 7 feet. A well located to the southwest of the site has a depth to water of 38 feet. Two abandoned rock quarries are located on the subject site.

SITE RECONNAISSANCE

A site inspection was performed on December 18, 2002. No noticeable potential concerns were discernible from a cursory inspection. The subject site is generally composed of hills and creek bottoms. Current vegetation at the site consists of native grasses, bushes, deciduous trees, and mixed conifers. No evidence of toxicity was evident in the vegetation or soils, no staining, dead or dying vegetation or irregular bare patches of ground on or around the property. No dumps, waste sites, landfills, petroleum storage or delivery facilities or any other facilities producing storing or transporting hazardous waste were discovered. No transformers containing PCBs (Polychlorinated Biphenyls) were found onsite. Historically, no buildings were constructed, so lead based paint, asbestos, or radon gas should not be found onsite.

No underground or aboveground fuel oil tanks were found on the subject site. There were no hazardous materials usage, storage, handling, or disposal.

When inspecting the area within one-quarter mile of the property, no waste sites, or landfills were discovered. No evidence of toxicity was observed in the soils or plant life. No presence of stained, dead or dying vegetation or irregular bare patches of ground was observed on or around the property. Our site visit did not discover evidence of materials that would lead us to suspect that agri-chemicals or hydrocarbons presently exist.

Between ½ and 1 mile from the subject property exist areas listed under the National Wetland Inventory, a 500-year FEMA flood zone, and a 100-year FEMA flood zone. A wetland area is located in Section 34. Wetland areas also border the property along Mineral Lake, Mineral Creek, and the Nisqually River. There have not been environmental reclamation permits issued for the site.

GEOTECHNICAL TESTING LABORATORY

RESULTS

Neither our site visit nor our environmental investigation uncovered evidence of materials that would lead us to suspect that hazardous or toxic materials exist. We do not consider it necessary to conduct a further Phase 2 assessment.

A review of the records kept by state and federal agencies directly concerned with protecting the environment indicate the subject site to be clear of all association with hazardous, toxic or questionable substances. It is our opinion that the listed potential problems (see below) are not likely to pose a groundwater threat to the subject site.

ENVIRONMENTAL RISK MANAGEMENT DATA

Federal ASTM Standard

NPL	No site found within 1½ miles
Proposed NPL	No site found within 1½ miles
CERCLIS	No site found within 1 mile
CERC-NFRAP	No site found within ½ mile
CORRACTS	No site found within 1½ miles
RCRIS-TSD	No site found within 1 mile
RCRIS Lg. Quan. Gen	No site found within ½ mile
RCRIS Sm. Quan. Gen	No site found within ½ mile
ERNS	No site found within ½ mile

State ASTM Standard

CSCSL	No site found within 1½ miles
HSL	No site found within 1½ miles
State Landfill	No site found within 1 mile
LUST	No site found within 1 mile
UST	No site found within ½ mile
VCP	No site found within 1 mile
INDIAN UST	No site found within ½ mile

Other Databases

CONSENT	No site found within 1½ miles
ROD	No site found within 1½ miles
De-listed NPL	No site found within 1½ miles
FINDS	No site found within ½ mile
HMIRS	No site found within ½ mile
MLTS	No site found within ½ mile
MINES	No site found within ½ mile
NPL Liens	No site found within ½ mile

GEOTECHNICAL TESTING LABORATORY

PADS	No site found within ½ mile
RAATS	No site found within ½ mile
TRIS	No site found within ½ mile
TSCA	No site found within ½ mile
SSTS	No site found within ½ mile
FITS	No site found within ½ mile
CSCSL NFA	No site found within 1 mile
WA ICR	No site found within 1 mile
SPILLS	No site found within ½ mile
WA Emissions	No site found within ½ mile
Coal Gas	No site found within 1½ miles

Orphan Summary

Site Name	Site Address	Database(s)
ELBE MALL	HWY 7	UST
ELBE MALL	54011 MT. HWY 7 S.	WA ICR
ELBE MALL	54011 MOUNTAIN HWY	CSCSL
MINERAL LAKE	MINERAL ROAD	CSCSL

All sites are under differing independent remedial action and most likely have no impact on the site due to their location, elevation, and the groundwater flow direction.

CONCLUSIONS AND RECOMMENDATIONS

We have performed a Limited Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 – 97 of 2000 acres southeast of Elbe, Washington. Any exceptions to, or deletions from, this practice are described above in this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

It is our conclusion that the activity on and near the site is not sufficient to adversely impact the present site environmentally. The property is not listed by state or federal agencies as suspect. There is no evidence that past or present activities impacted local groundwater on or off site. We suggest the site can be developed as planned.

It is our conclusion that no previous manufacturing or industrial activity has been conducted on the site. Therefore, the likelihood of contamination with hazardous or toxic materials is very slight. No evidence of spilling and/or dumping of deleterious substances are presently occurring or have occurred in the past. The property has not been the subject of an environmental investigation, nor listed by any state or federal agency as a matter of environmental interest. Petroleum products were not found on the site, or evidence of tanks. Due to topography and relief, contamination from lower elevations is highly unlikely to impact the subject property. We believe the site can be further developed with the understanding that there is little to no environmental impact.

GEOTECHNICAL TESTING LABORATORY

LIMITATIONS

Our conclusions and recommendations are based on site observations as well as available data reviewed and identified in Appendix A. This Limited Phase 1 Environmental Assessment contains our observations, research, and speculations pertaining to the subject property. It does not contain laboratory analysis for toxicity in the groundwater and the soil, which would be the subject of a more extensive study. Neither does it probe deeply into the activities of the adjoining parcels, which are not the subject of this report. It provides the concerned parties with our judgment concerning the environmental character of the site.

QUALIFICATIONS

A physical inspection of the property and surrounding area was carried out by Harold Parks, a practicing Engineering Geologist in Thurston, Mason, Lewis, Pierce, Cowlitz, and Grays Harbor Counties since 1979. Mr. Parks spent 7.5 years as an Environmental Specialist with the Thurston-Mason County Health Dept. before becoming the president and owner of a geotechnical testing laboratory. He has been certified by the Environmental Assessment Association as a CEI (Certified Environmental Inspector) and is registered with the Dept. of Ecology's Underground Storage Tank Program to perform site assessments in the State of Washington. He has had over thirty years experience with soil identification and logging or classifying soils. He served as a part of the working group providing information, advice and technical assistance to the Low-Level Radioactive Waste Task Force for the Division of Risk Management in 1991. Included in the Phase 1, 2, and 3 environmental assessments he has performed are the Restover Truck Center on 93rd Ave. in Tumwater, WA, the Starkel Poultry Farm in Puyallup, the Little Shirley Trucking in Puyallup, the Smallwood property in Spanaway, and the cleanup inspection of a diesel spill at the Somerset development in Tumwater, as well as the Briggs Nursery environmental remediation. He owns and operates a soil sampling drill with the capability of extracting samples and setting piezometers.

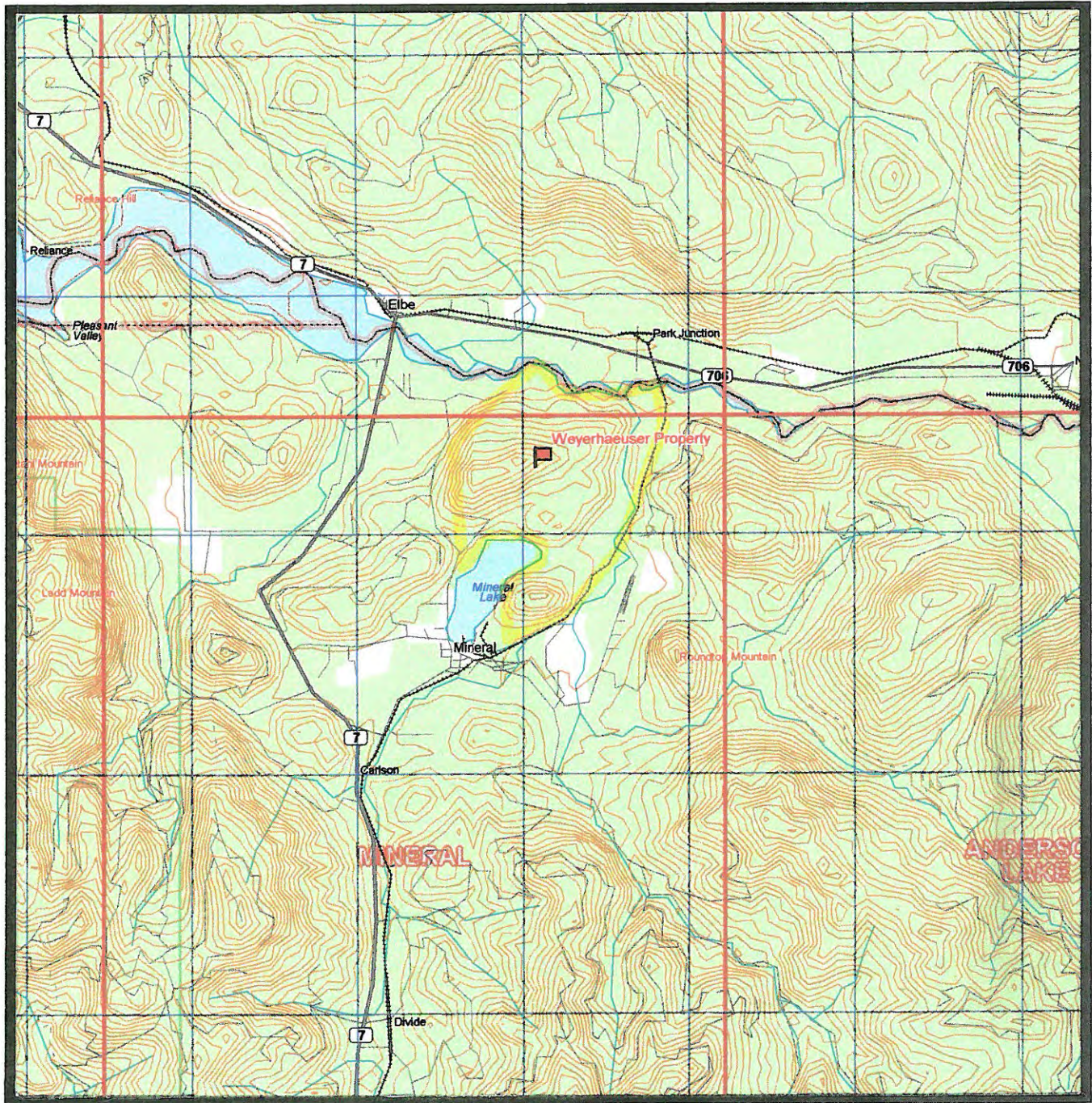
Respectfully submitted,
GEOTECHNICAL TESTING LAB

Harold Parks

Harold Parks,
Environmental Inspector

GEOTECHNICAL TESTING LABORATORY

Vicinity Map



10011 Blomberg Street SW, Olympia, WA 98512
Phone #: (360) 754-4612 Fax #: (360) 754-4848

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

CTR OF SEC 34,TWP 15N
ELBE, WA 98330

COORDINATES

Latitude (North): 46.744500 - 46° 44' 40.2"
Longitude (West): 122.167800 - 122° 10' 4.1"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 563571.2
UTM Y (Meters): 5176890.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2446122-F2 MINERAL, WA
Source: USGS 7.5 min quad index

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
RCRIS-SQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

CSCSL..... Confirmed & Suspected Contaminated Sites List
HSL..... Hazardous Sites List
SWF/LF..... Solid Waste Facility Database
LUST..... Leaking Underground Storage Tanks Site List

EXECUTIVE SUMMARY

UST..... Underground Storage Tank Database
VCP..... Voluntary Cleanup Program Sites
INDIAN UST..... Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

CSCSL NFA..... Confirmed & Contaminated Sites - No Further Action
WA ICR..... Independent Cleanup Reports
SPILLS..... Reported Spills
EMI..... Washington Emissions Data System

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

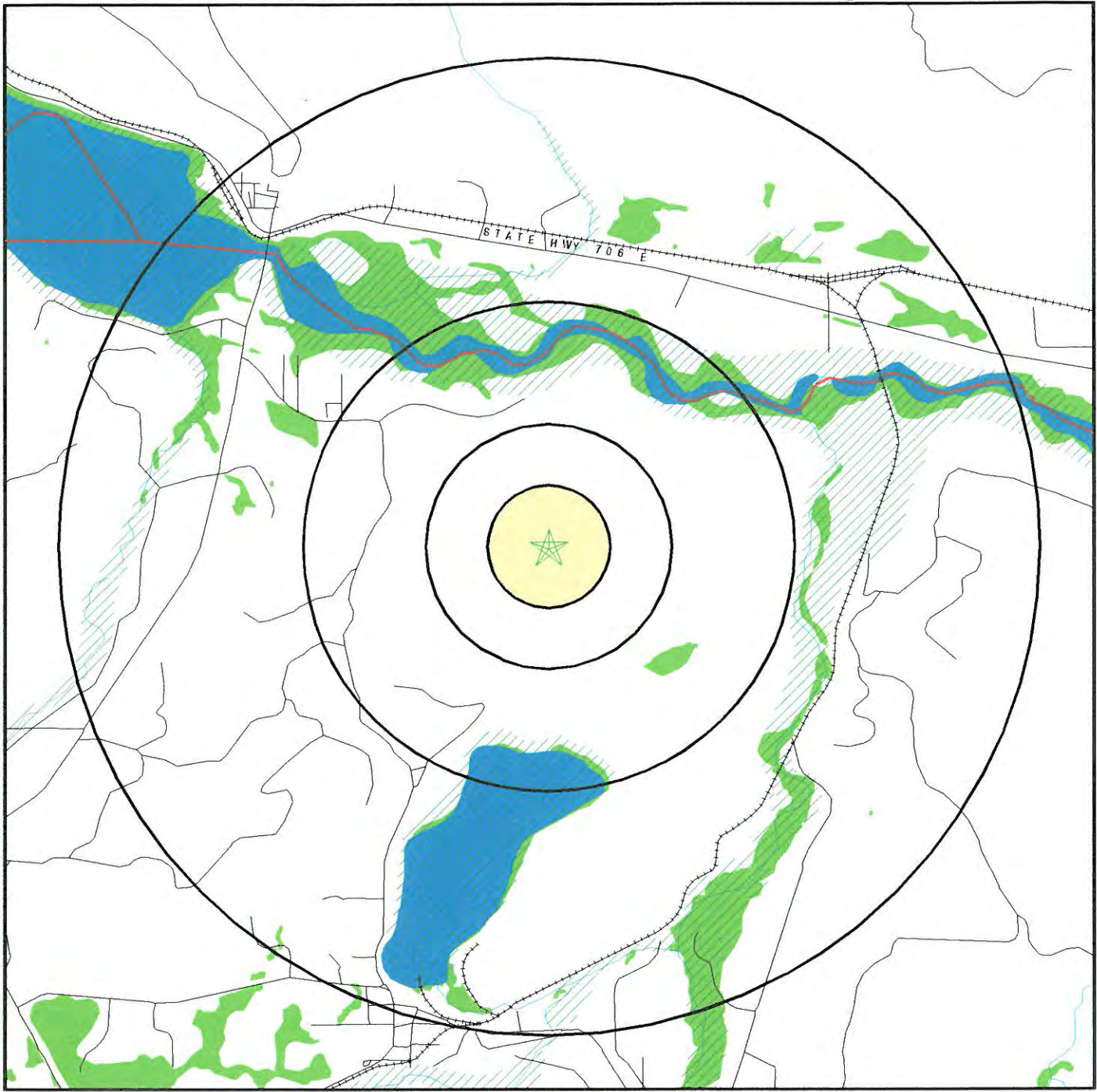
Surrounding sites were not identified.

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
ELBE MALL	CSCSL
MINERAL LAKE	CSCSL
ELBE MALL	UST
ELBE MALL	WA ICR

OVERVIEW MAP - 899626.1s - Geo Technical Testing

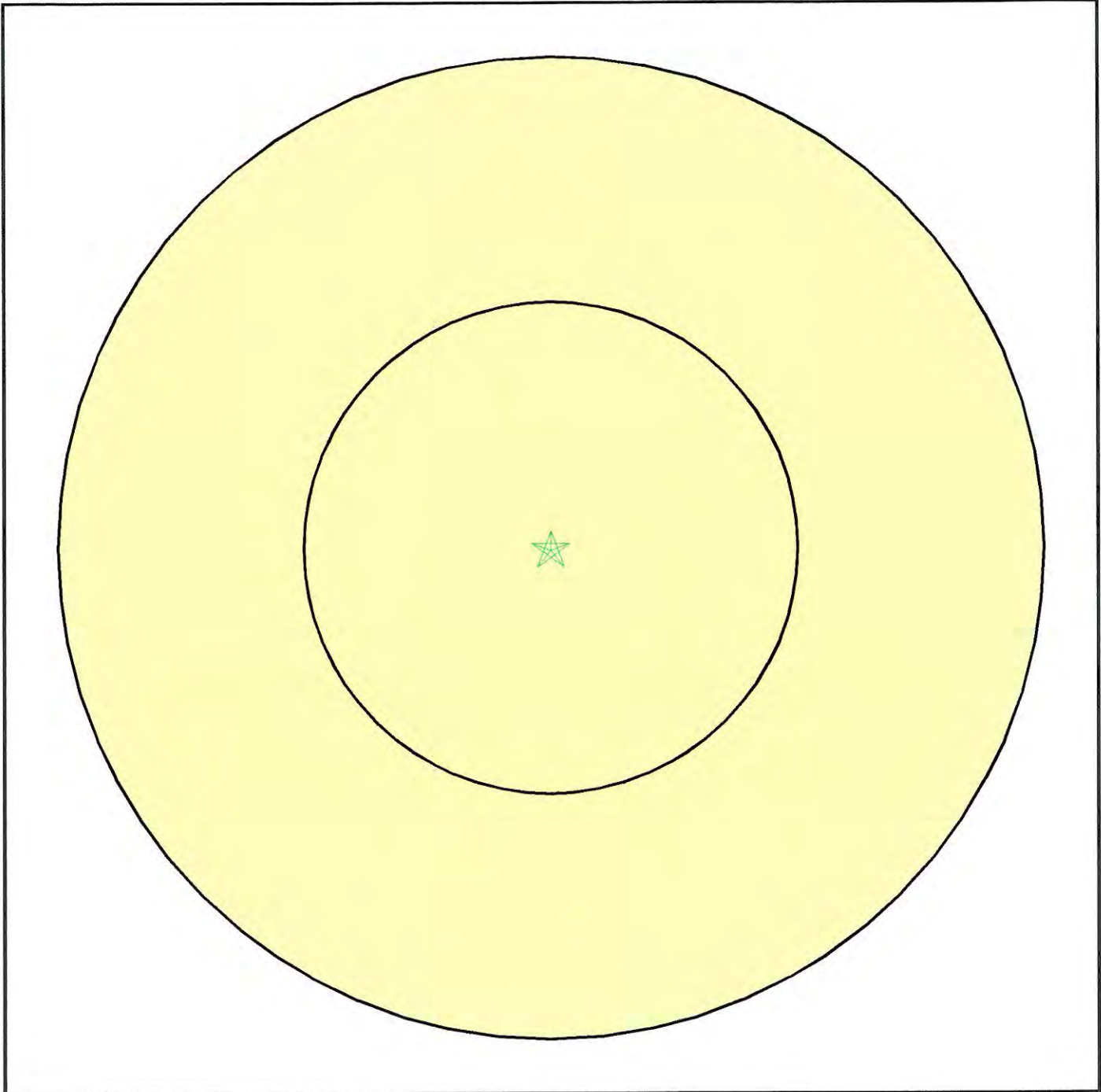


- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ▭ National Priority List Sites
- ▭ Landfill Sites
- County Boundary
- ⚡ Power transmission lines
- ⓧ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- Wetlands

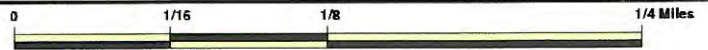


TARGET PROPERTY: Weyerhaeuser Co. ADDRESS: Ctr of Sec 34, Twp 15N CITY/STATE/ZIP: Elbe WA 98330 LAT/LONG: 46.7445 / 122.1678	CUSTOMER: Geo Technical Testing CONTACT: Verree Parks INQUIRY #: 899626.1s DATE: December 17, 2002 5:00 pm
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DETAIL MAP - 899626.1s - Geo Technical Testing



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ⚡ Sensitive Receptors
- 🇺🇸 National Priority List Sites
- 🗑️ Landfill Sites



- ⚡ County Boundary
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone



TARGET PROPERTY: Weyerhaeuser Co. ADDRESS: Ctr of Sec 34, Twp 15N CITY/STATE/ZIP: Elbe WA 98330 LAT/LONG: 46.7445 / 122.1678	CUSTOMER: Geo Technical Testing CONTACT: Verree Parks INQUIRY #: 899626.1s DATE: December 17, 2002 5:00 pm
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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		0.750	0	0	0	0	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRIS-TSD		1.000	0	0	0	0	NR	0
RCRIS Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
RCRIS Sm. Quan. Gen.		0.750	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
<u>STATE ASTM STANDARD</u>								
CSCSL		1.500	0	0	0	0	0	0
HSL		1.500	0	0	0	0	0	0
State Landfill		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	0	0	NR	0
UST		0.750	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
FINDS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
NPL Liens		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
RAATS		0.500	0	0	0	NR	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
CSCSL NFA		1.000	0	0	0	0	NR	0
WA ICR		1.000	0	0	0	0	NR	0
SPILLS		0.500	0	0	0	NR	NR	0
WA Emissions		0.500	0	0	0	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Coal Gas		1.500	0	0	0	0	0	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

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

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ELBE	U003354594	ELBE MALL	HWY 7	98330	UST
ELBE	S103512048	ELBE MALL	54011 MT. HWY 7 S.	98330	WA ICR
ELBE	S104320437	ELBE MALL	54011 MOUNTAIN HWY	98330	CSCSL
MINERAL	S100080019	MINERAL LAKE	MINERAL RD	98355	CSCSL

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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA
Telephone: N/A

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: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA
Telephone: N/A

Date of Government Version: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA
Telephone: 703-413-0223

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

Date of Government Version: 08/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/23/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA
Telephone: 703-413-0223

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 09/23/02

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/02/02
Date Made Active at EDR: 07/15/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 09/09/02

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 09/24/02

ERNS: Emergency Response Notification System

Source: EPA/NTIS
Telephone: 202-260-2342

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

Date of Government Version: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 10/28/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

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

Date of Government Version: N/A
Database Release Frequency: Varies

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

ROD: Records Of Decision

Source: EPA
Telephone: 703-416-0223

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

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: 10/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

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: 10/10/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

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

Date of Government Version: 07/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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

Date of Government Version: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-564-3887

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: 06/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/02
Date of Next Scheduled EDR Contact: 02/10/03

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-260-1531

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.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/09/02
Date of Next Scheduled EDR Contact: 12/09/02

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

Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

SSTS: Section 7 Tracking Systems

Source: EPA
Telephone: 202-564-5008

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

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: 04/25/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02

Date of Next Scheduled EDR Contact: 12/23/02

STATE OF WASHINGTON ASTM STANDARD RECORDS

CSCSL: Confirmed & Suspected Contaminated Sites List

Source: Department of Ecology

Telephone: 360-407-7200

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

Date of Government Version: 10/30/02

Date Made Active at EDR: 12/13/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/18/02

Elapsed ASTM days: 25

Date of Last EDR Contact: 11/18/02

HSL: Hazardous Sites List

Source: Department of Ecology

Telephone: 360-407-7200

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

Date of Government Version: 08/27/02

Date Made Active at EDR: 10/04/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/09/02

Elapsed ASTM days: 25

Date of Last EDR Contact: 09/09/02

SWF/LF: Solid Waste Facility Database

Source: Department of Ecology

Telephone: 360-407-6132

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: 10/29/02

Date Made Active at EDR: 11/20/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 10/30/02

Elapsed ASTM days: 21

Date of Last EDR Contact: 10/08/02

LUST: Leaking Underground Storage Tanks Site List

Source: Department of Ecology

Telephone: 360-407-7200

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: 09/03/02

Date Made Active at EDR: 10/10/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/16/02

Elapsed ASTM days: 24

Date of Last EDR Contact: 09/16/02

UST: Underground Storage Tank Database

Source: Department of Ecology

Telephone: 360-407-7170

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/03/02
Date Made Active at EDR: 10/10/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/16/02
Elapsed ASTM days: 24
Date of Last EDR Contact: 09/16/02

VCP: Voluntary Cleanup Program Sites

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

Sites that have entered either the Voluntary Cleanup Program or its predecessor Independent Remedial Action Program.

Date of Government Version: 06/30/02
Date Made Active at EDR: 11/05/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 10/24/02
Elapsed ASTM days: 12
Date of Last EDR Contact: 11/18/02

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 10
Telephone: 206-553-2857

Date of Government Version: 10/02/02
Date Made Active at EDR: 12/04/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 10/25/02
Elapsed ASTM days: 40
Date of Last EDR Contact: 10/03/02

STATE OF WASHINGTON ASTM SUPPLEMENTAL RECORDS

CSCSL NFA: Confirmed & Contaminated Sites - No Further Action

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

The data set contains information about sites previously on the Confirmed and Suspected Contaminated Sites list that have received a No Further Action (NFA) determination. Because it is necessary to maintain historical records of sites that have been investigated and cleaned up, sites are not deleted from the database when cleanup activities are completed. Instead, a No Further Action code is entered based upon the type of NFA determination the site received.

Date of Government Version: 10/24/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

ICR: Independent Cleanup Reports

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

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

Date of Government Version: 06/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

SPILLS: Reported Spills

Source: Department of Ecology
Telephone: 360-407-7450

Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 10/08/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

EMI: Washington Emissions Data System

Source: Department of Ecology
Telephone: 360-407-6040

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOCAL RECORDS

KING COUNTY:

Abandoned Landfill Study in King County

Source: Seattle-King County Department of Public Health
Telephone: 206-296-4785

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

Date of Government Version: 04/30/85
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE COUNTY:

Abandoned Landfill Study in the City of Seattle

Source: Seattle - King County Department of Public Health
Telephone: 206-296-4785

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

Date of Government Version: 07/30/84
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/21/94
Date of Next Scheduled EDR Contact: N/A

SEATTLE/KING COUNTY:

Seattle - King County Abandoned Landfill Toxicity / Hazard Assessment Project

Source: Department of Public Health
Telephone: 206-296-4785

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

Date of Government Version: 12/31/86
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/14/95
Date of Next Scheduled EDR Contact: N/A

SNOHOMISH COUNTY:

Solid Waste Sites of Record at Snohomish Health District

Source: Snohomish Health District
Telephone: 206-339-5250

Date of Government Version: 09/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

TACOMA/PIERCE COUNTY:

Closed Landfill Survey

Source: Tacoma-Pierce County Health Department
Telephone: 206-591-6500

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/15/93
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/11/95
Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY HISTORICAL DATABASES

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

Disclaimer Provided by Real Property Scan, Inc.

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

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.

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

Sensitive Receptors: There are individuals 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.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WEYERHAEUSER CO.
CTR OF SEC 34, TWP 15N
ELBE, WA 98330

TARGET PROPERTY COORDINATES

Latitude (North):	46.744499 - 46° 44' 40.2"
Longitude (West):	122.167801 - 122° 10' 4.1"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	563571.2
UTM Y (Meters):	5176890.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle 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. 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.

GEOCHECK® - 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.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2446122-F2 MINERAL, WA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General North

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

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>Target Property County</u> LEWIS, WA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	5301020120B
Additional Panels in search area:	5301381150C

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> MINERAL NW	NWI Electronic <u>Data Coverage</u> 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Status: Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

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		

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

GEOLOGIC AGE IDENTIFICATION

Era:	Cenozoic	Category: Volcanic Rocks
System:	Tertiary	
Series:	Lower Tertiary andesite	
Code:	ITa (decoded above as Era, System & Series)	

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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Component Name: HESSON

Soil Surface Texture: clay 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: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 6.00 Min: 4.50
2	12 inches	60 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 5.50 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
 cobbly - silt loam
 gravelly - silt loam
 silty clay loam
 gravelly - sandy loam

Surficial Soil Types: silt loam
 cobbly - silt loam
 gravelly - silt loam
 silty clay loam
 gravelly - sandy loam

Shallow Soil Types: silt loam

Deeper Soil Types: silt loam
 gravelly - silt loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

clay
 very gravelly - sand
 silty clay

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	464512122102001	1/2 - 1 Mile NNW
2	464412122110001	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

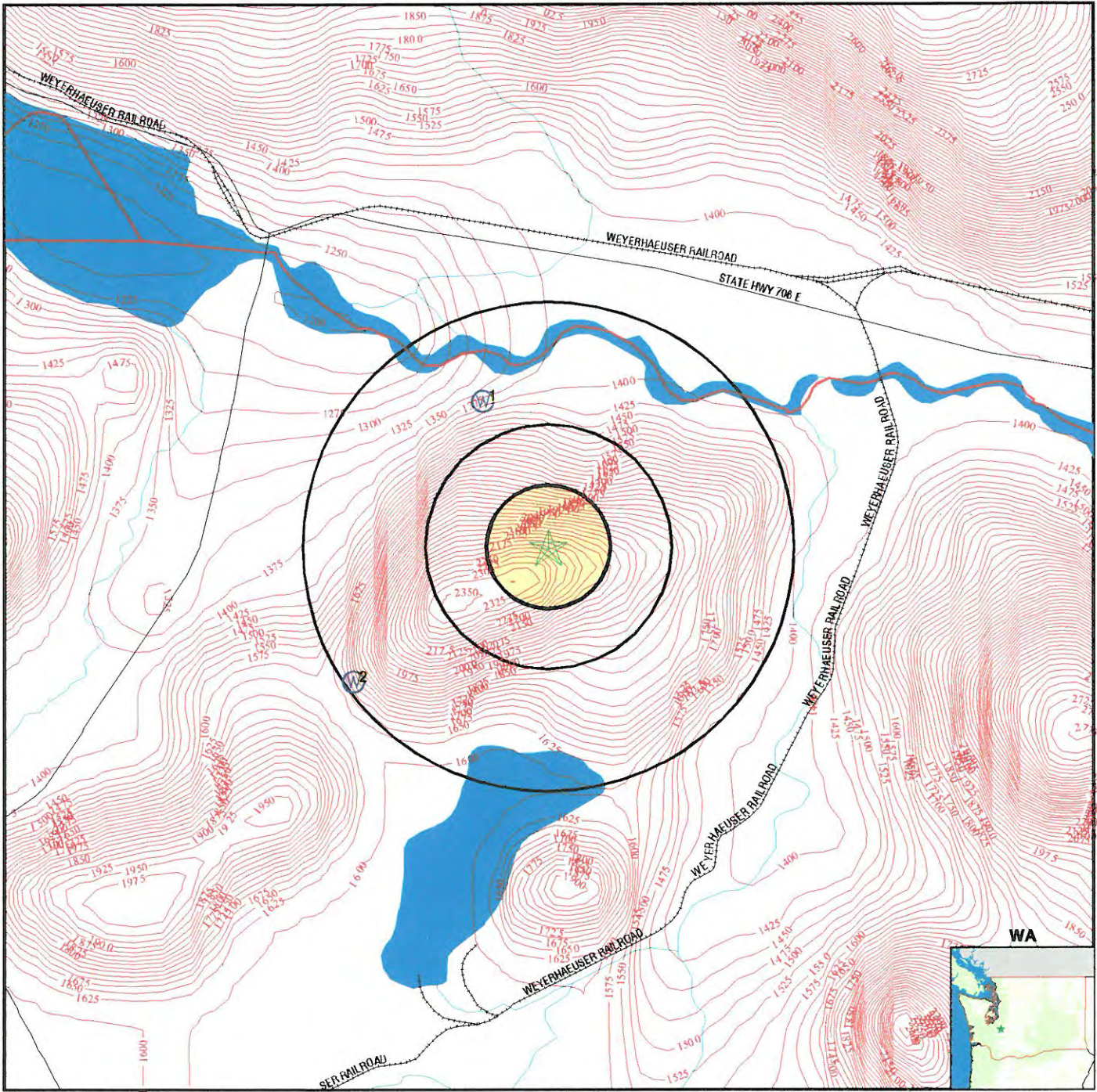
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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 - 899626.1s



- County Boundary
- Major Roads
- Contour Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data

TARGET PROPERTY:	Weyerhaeuser Co.	CUSTOMER:	Geo Technical Testing
ADDRESS:	Ctr of Sec 34, Twp 15N	CONTACT:	Verree Parks
CITY/STATE/ZIP:	Elbe WA 98330	INQUIRY #:	899626.1s
LAT/LONG:	46.7445 / 122.1678	DATE:	December 17, 2002 5:00 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1 NNW 1/2 - 1 Mile Lower	FED USGS	464512122102001
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BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1974	County:	Not Reported
Altitude:	1280.00 ft.	State:	Not Reported
Well Depth:	57.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	7.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	09111974	Prim. Use of Water:	Domestic

2 SW 1/2 - 1 Mile Lower	FED USGS	464412122110001
-----------------------------------------	-----------------	------------------------

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1977	County:	Not Reported
Altitude:	1450.00 ft.	State:	Not Reported
Well Depth:	60.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	38.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	03181977	Prim. Use of Water:	Domestic

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LEWIS County: 3

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

Federal Area Radon Information for LEWIS COUNTY, WA

Number of sites tested: 20

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.625 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.267 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[®] 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

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Water Wells

Source: Department of Transportation
Telephone: 360-705-7444
Group A well location points in Washington State.

Kitsap County Water Wells in Washington

Source: Public Utility District No. 1 of Kitsap County
Telephone: 206-779-7656

RADON

Area Radon Information

Source: USGS
Telephone: 303-202-4210
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: 202-564-9370
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

APPENDIX E
Environmental Professional Resumes

JESSICA ROBERTSON, LG, ENVIRONMENTAL GEOLOGIST

Education

M.S., Geology, Central Washington University
B.A., Chemistry-Geology, Whitman College

Registration

Licensed Geologist: WA (#2570)

Experience

Jessica has been an environmental geologist in Washington State since 2002 and has specialized in completion of Phase I ESAs and related due diligence studies since 2003, completing approximately 1,000 Phase I ESA reports since that time. She is well versed in the requirements of American Society for Testing and Materials (ASTM) Standard E 1527-13 for Phase I ESAs and the U.S. Environmental Protection Agency's (EPAs) Federal Standard 40 CFR Part 312 "Standards and Practices for All Appropriate Inquiries (AAI)." Jessica is an historical research specialist who can efficiently acquire historical information from the many different resources needed to compile a thorough Phase I ESA, and has the experience to interpret that information into useful conclusions for the client. Jessica has performed a wide variety of assessment and cleanup activities, including corridor studies and hazardous materials discipline reports, Phase II ESAs, groundwater and soil sampling, remedial excavations and drilling explorations. Many of her projects are in the development and transportation markets, and she has completed Phase I ESAs and related tasks for a wide range of sites, including 1,000-acre undeveloped forest land parcels, large urban city blocks with over 100 years of industrial and commercial development history, and miles-long transportation corridors through widely varying neighborhoods.

Example Project Experience

Sound Transit, Alignment Hazardous Materials Survey, Phase I ESAs, Phase II ESAs and Hazardous Building Material Surveys; Federal Way Link Extension, Washington

GeoEngineers completed environmental services during due diligence and acquisition of properties for the Federal Way Link Extension project, a 7.8-mile extension to an existing light rail line. Jessica had primary responsibility for the completion of the Alignment Hazardous Materials Survey for the entire alignment and was a key team member for completion of over 150 individual project Phase I ESAs.

Catalyst Public Schools, Phase I ESA and Sub-Slab Vapor and Air Sampling Evaluation; Bremerton, Washington

Jessica served as project manager providing due diligence services for a proposed school property. Initial Phase I ESA research identified oil beneath the building slab as well as additional historical concerns. Sub-slab vapor and air sampling was subsequently completed to assess the potential for vapor intrusion concern for potential school use.

Snohomish County Airports, Paine Field Maintenance Complex Phase I ESA; Everett, Washington

Jessica served as project manager providing a Phase I ESA of three airport maintenance buildings at Paine Field/Snohomish County Airport. The three buildings were variably used for airport facility maintenance, equipment fueling, fire station, and military standby purposes. The complex and extensive history of the site required careful research from multiple governmental sources to evaluate the significance of over a dozen recognized environmental conditions (RECs) associated with the property.



TERRY MCPHETRIDGE, LG, LHG, PRINCIPAL ENVIRONMENTAL GEOLOGIST

Education

B.S., Geology, San Diego State University

Registration

Licensed Geologist/Hydrogeologist: WA (#1020)

Registered Geologist: OR (#G1618)

Professional Geologist: ID (#978)

Experience

Terry has more than 30 years of experience providing environmental consulting specializing in environmental due diligence, remedial investigations, feasibility studies, site investigations/cleanups of soil and groundwater at contaminated sites in accordance with MTCA and RCRA regulations, and UST regulations, and environmental compliance issues related to RCRA and hazardous waste regulations. Terry has served as Principal in Charge on small and large projects that include conducting Phase I and Phase II ESAs on undeveloped and developed commercial and industrial properties, site and remedial investigations, and operations and maintenance of remediation systems. Terry has provided environmental services for private and public entities involving due diligence property acquisitions along linear corridors for rail improvement and roadway widening. He understands the due diligence and investigation components of the property acquisition phase—such as soil and groundwater monitoring, remedial activities, and soil/groundwater handling and management during and following construction activities—and how these relate to the construction phase of the project.

Project Experience

- Pierce County, Canyon Road East Northerly Extension Phase I and II ESAs, Puyallup, Washington
- Pierce County, Marsyla Property, Phase I and Phase II ESAs, Sumner, Washington
- YMCA, New Sumner YMCA Facility UST Removal - Environmental Subsurface Investigation and Remedial Action, Sumner, Washington
- Pierce County, Browns Point - UST Removal Services, Tacoma, Washington
- Puyallup River Bridge Replacement Project, Environmental Services, Orting, Washington
- University of Washington, Tacoma, Remedial Investigation/Feasibility Study, Tacoma, Washington
- City of Tacoma, Pacific Plaza Building, Phase I and II ESAs, UST Decommissioning and Remedial Action Services, Tacoma, Washington
- Nisqually Indian Tribe, 847 and 835 Old Pacific Highway Phase I ESA; Olympia, Washington

