

Kirkland Heights Apartments Building 8 Renovation

13321 NE 133rd St.
Kirkland, WA 98034

Contract No. AM2200131

Project Manual Volume 1: Divisions 00-02

January 28, 2022



OWNER:

King County Housing Authority
600 Andover Park W
Tukwila, WA 98188

ARCHITECT:

SMR Architects PLLC
117 S. Main Street, Suite 400
Seattle, WA 98104

Kirkland Heights Apartments Renovations

13321 NE 133rd St. Kirkland, WA 98034

Project Team

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Tukwila, WA 98188
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TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Pages</u>
00 00 00	Project Title Page	1
00 01 05	Project Team	1
00 01 10	Table of Contents	5

VOLUME ONE: DIVISIONS 00-02**DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS**

02	Invitation to Bid	1
03	Instructions to Bidders	7
04	General Conditions	15
05	Bid Form & Bidder Information	5
06	Contract Form	1
07	<i>Sample Forms</i> - Agreement to Pay Prevailing Wages	2
08	<i>Sample Forms</i> - Affidavit of Wages Paid Form	2
09	<i>Sample Forms</i> - Certificate of Insurance	1
10	General Liability Endorsement & Auto Liability Endorsement	1

DIVISION 01 - GENERAL REQUIREMENTS

01 10 00	Summary	3
01 20 00	Price and Payment Procedures	3
	<i>Document Attachment:</i> Kirkland Heights - Scope of Work	4
01 25 13	Product Substitution Procedures	2
01 25 14	Substitution Request Form	1
01 26 00	Contract Modification Procedures (Change Orders)	4
01 29 76	Progress Payment Procedures	3
01 30 00	Administrative Requirements	3
01 32 16	Construction Progress Schedule	2
01 33 00	Submittal Procedures	5
01 40 00	Quality Requirements	2
01 41 00	Regulatory Requirements	2
01 41 10	Air Barrier System	6
01 42 13	Abbreviations and Acronyms	3
01 45 23	Testing and Inspecting Services	4
01 50 00	Temporary Facilities and Controls	8
01 60 00	Product Requirements	2
01 70 00	Execution and Closeout Requirements	6
01 73 29	Cutting and Patching	4
01 74 19	Construction Waste Management and Disposal	7
01 81 15	Evergreen Sustainable Development Standard	5
	<i>Document Attachments:</i> Evergreen Checklist	3
01 81 19	Indoor Air Quality (IAQ) Requirements	12

DIVISION 02 - EXISTING CONDITIONS

02 24 00	Hazardous Materials Disclaimer	1
----------	--------------------------------	---

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Pages</u>
	Hazardous Materials Reports	
	<i>Documents by Reference :</i>	
	Lead Based Paint Inspection dated September 13, 2013	87
	Limited Asbestos Screening dated September 11, 2013	47
	Phase I Environmental Site Assessment dated November 2018	425
02 32 00	Geotechnical Investigations	5
	<i>Documents Attachment :</i>	
	Subsurface Summary, May 24, 2021	5
02 41 19	Selective Demolition	4

VOLUME TWO: DIVISIONS 03-13, 22-23, 26-27, & 31-33**DIVISION 03 - CONCRETE**

03 01 00	Maintenance of Concrete	4
03 10 00	Concrete Forming and Accessories	8
03 20 00	Concrete Reinforcing	5
03 30 00	Cast-In-Place Concrete	10

DIVISION 05 - METALS

05 05 23	Welding	3
05 12 00	Structural Steel Framing	6
05 50 00	Metal Fabrications	4

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

06 10 00	Rough Carpentry	6
06 20 00	Finish Carpentry	6
06 30 00	Wood Treatment	3
06 61 16	Quartz Countertops	6
06 82 00	Architectural Fiberglass Railings	4

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

07 21 13	Board Insulation	4
07 21 16	Blanket Insulation	3
07 27 00	Weather Resistive Barriers	5
07 27 26	Aerosol-Applied Sealant	4
07 31 13	Glass-Reinforced Asphalt Shingles	8
07 45 00	Rainscreen System	5
07 46 00	Fiber Cement Siding	4
07 62 00	Sheet Metal Flashing and Trim	5
07 65 00	Flexible Flashings	5
07 71 23	Manufactured Gutters and Downspouts	4
07 84 00	Firestopping	4
07 90 00	Joint Protection	6

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Pages</u>
<u>DIVISION 08 - OPENINGS</u>		
08 16 00	Molded Composite Doors	3
08 16 13	Fiberglass Doors	4
08 53 00	Plastic (PVC) Windows & Sliding Glass Door (incl. window testing)	9
08 71 00	Door Hardware	14
<u>DIVISION 09 - FINISHES</u>		
09 21 16	Gypsum Board Assemblies	6
09 65 00	Resilient Flooring	6
09 68 16	Sheet Carpeting	4
09 90 00	Painting and Coating	9
<u>DIVISION 10 - SPECIALTIES</u>		
10 14 00	Signage	3
10 28 00	Toilet and Bath Accessories	4
10 60 00	Interior and Exterior Specialties	3
	Interior: Closet Shelving, Tub Surrounds	
	Exterior: Deck Coating	
<u>DIVISION 11 - EQUIPMENT</u>		
11 31 00	Residential Appliances	3
<u>DIVISION 12 - FURNISHINGS</u>		
12 20 00	Window Treatments	3
12 35 30	Casework	5
<u>DIVISION 21 - FIRE SUPPRESSION</u>		
21 00 00	Fire Suppression General Conditions	9
21 05 00	Common Work Results for Fire Suppression	10
21 13 13	Wet-Pipe Sprinkler Systems	4
<u>DIVISION 22 - PLUMBING</u>		
22 00 00	Plumbing General Conditions	11
22 05 00	Common Work Results for Plumbing	12
22 07 00	Plumbing Insulation	4
22 11 00	Facility Water Distribution	7
22 13 00	Facility Sanitary Sewerage	7
22 30 00	Plumbing Equipment	2
22 40 00	Plumbing Fixtures	5
<u>DIVISION 23 - HEATING, VENTING AND AIR-CONDITIONING</u>		
23 00 00	HVAC General Conditions	12
23 05 00	Common Work Results for HVAC	10
23 05 93	Testing, Adjusting and Balancing	6

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Pages</u>
23 07 00	HVAC Insulation	4
23 31 00	HVAC Ducts and Casings	5
23 37 00	Air Outlets and Inlets	3
23 72 00	Energy Recovery Units	3
23 83 23	Electric Unit Heaters	3

DIVISION 26 - ELECTRICAL

26 00 00	Electrical General Conditions	19
26 05 00	Common Work Results for Electrical	11
26 05 19	Low-Voltage Electrical Power Conductors and Cables	9
26 05 26	Grounding and Bonding for Electrical Systems	8
26 05 33	Raceways and Boxes for Electrical Systems	20
26 05 53	Identification for Electrical Systems	12
26 09 23	Lighting Control Devices	7
26 24 13	Panelboards, Switchboards and Termination Cabinet	16
26 27 13	Electricity Metering	4
26 27 26	Wiring Devices	11
26 28 13	Fuses and Enclosed Switches and Circuit Breakers	8
26 43 13	Surge Protection for Low-Voltage Electrical Power Circuits	4
26 51 19	Interior and Exterior Lighting	9

DIVISION 27 - COMMUNICATIONS

27 00 00	Low Voltage System General Conditions	22
----------	---------------------------------------	----

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

28 46 00	Fire Alarm General Conditions	21
----------	-------------------------------	----

DIVISION 31 - EARTHWORK

31 10 00	Site Preparation	5
31 20 00	Earthwork	9

DIVISION 32 - EXTERIOR IMPROVEMENTS

32 12 00	Asphalt Pavement	4
32 16 00	Curbs and Sidewalks	3
32 17 00	Pavement Markings	4

DIVISION 33 - UTILITIES

33 10 00	Water Distribution	3
33 30 00	Sanitary Sewer	4
33 40 00	Storm Drainage	4

END OF TABLE OF CONTENTS

INVITATION TO BID

King County Housing Authority (KCHA) will accept bids from qualified general contractors to furnish labor, materials and necessary equipment to perform the following:

SCOPE OF WORK: Work includes, but is not limited to, the renovation of and addition to Building 8; site and utility work; building envelope improvements consisting of a ventilated rainscreen system, firestopping, insulation board, weather resistive barrier, fiber cement board siding, and vinyl windows; roofing, decks and stairways; asbestos abatement; replacement of all interior fixtures and finishes including, cabinets, countertops, flooring, painting, GWB, plumbing, HVAC, and electrical; and other tasks as described in the bid documents.

PROJECT MANUAL DISTRIBUTION:

Address: King County Housing Authority, 600 Andover Park, Seattle, WA 98188
Distribution: * Documents are available for download on KCHA's website at <http://www.kcha.org/business/construction/open/>

PRE-BID CONFERENCE:

Date and Time: Meeting 1: February 10, 2022 at 2:00 P.M.
Meeting 2: February 17, 2022 at 2:00 P.M.
Jobsite Address: Kirkland Heights Apartments, 13321 NE 133rd St, Kirkland, WA 98034.
In Addition: Contractors are strongly encouraged to attend the Pre-Bid Conference. Failure to attend the Conference will not relieve the Contractor of any responsibility for information provided at that time.
For Questions: Questions pertaining to the bid are to be sent via email to nathank@kcha.org no later than seven (7) calendar days prior to bid due date. All responses shall be in the form of Addenda.
Posting: Addenda will be posted on KCHA's website.

BIDS ARE DUE:

Time: **11:59 P.M.**
Date: **March 11, 2022**
Address: King County Housing Authority
600 Andover Park West, Seattle, WA 98188
Submittal Process: * Bids may be sent to Nate Kraus via mail, hand delivery, or by email to nathank@kcha.org.
Process: All Bids must be received by KCHA no later than the above due date and time. No Bids will be accepted after that date and time.

BID GUARANTEE:

Amount: Five (5%) Percent of the Total bid must accompany Each Bid
Payable to: King County Housing Authority

PERFORMANCE AND PAYMENT BONDS: As a condition of award Performance and Payment bonds for 100% of the Contract Award Amount shall be furnished for the Work.

KCHA is an Equal Employment Opportunity Employer and strongly encourages minority-owned and women-owned businesses, socially and economically disadvantaged businesses, and small businesses to submit bids or to participate as subcontractors and suppliers on KCHA Contracts.

KCHA reserves the right to reject any or all bids or to waive any informality in the bidding. No bid shall be withdrawn for a period of 60 calendar days subsequent to the opening of the bids without the written consent of KCHA.

CONTACT PERSON: Nate Kraus at NathanK@kcha.org

INSTRUCTIONS TO BIDDERS

1.0 BIDDER RESPONSIBILITY CRITERIA

- A. It is the intent of Owner to award a contract to a responsible bidder submitting the lowest responsive bid. Before award, the bidder must meet the following bidder responsibility criteria to be considered a responsible bidder. The bidder may be required by the Owner to submit documentation demonstrating compliance with the criteria. The bidder must:
1. Have a current certificate of registration as a contractor in compliance with chapter 18.27 RCW, which must have been in effect at the time of bid submittal;
 2. Have a current Washington Unified Business Identifier (UBI) number;
 3. If applicable, have industrial insurance coverage for the bidder's employees working in Washington as required in Title 51 RCW; an employment security department number as required in Title 50 RCW; and a state excise tax registration number as required in Title 82 RCW;
 4. Not be disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065(3);
 5. Have received training on the requirements related to public works and prevailing wage under chapter 39.04.350 RCW and chapter 39.12 RCW or be listed as exempt by the department of labor and industries on its website; and
 6. Within the three-year period immediately preceding the date of the bid solicitation, not have been determined by a final and binding citation and notice of assessment issued by the department of labor and industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of chapter 49.46, 49.48, or 49.52 RCW;
 7. Before award of a public works contract, a bidder shall submit to the contracting agency a signed statement in accordance with RCW 9A.72.085 verifying under penalty of perjury that the bidder is in compliance with the responsible bidder criteria requirement of subsection A, 6 of this section.

1.1 SUBCONTRACTOR RESPONSIBILITY

- A. The Contractor shall include the language of this section in each of its first tier subcontracts, and shall require each of its subcontractors to include the same language of this section in each of their subcontracts, adjusting only as necessary the terms used for the contracting parties. Upon request of the Owner, the Contractor shall promptly provide documentation to the Owner demonstrating that the subcontractor meets the subcontractor responsibility criteria below. The requirements of this section apply to all subcontractors regardless of tier.
- B. At the time of subcontract execution, the Contractor shall verify that each of its first tier subcontractors meets the following bidder responsibility criteria:
1. Have a current certificate of registration in compliance with chapter 18.27 RCW, which must have been in effect at the time of subcontract bid submittal;
 2. Have a current Washington Unified Business Identifier (UBI) number;
 3. If applicable, have:
 - a. Have Industrial Insurance (workers' compensation) coverage for the subcontractor's employees working in Washington, as required in Title 51 RCW;
 - b. A Washington Employment Security Department number, as required in Title 50 RCW;

INSTRUCTIONS TO BIDDERS

- c. A Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
 - d. An electrical contractor license, if required by Chapter 19.28 RCW;
 - e. An elevator contractor license, if required by Chapter 70.87 RCW.
- 4. Not be disqualified from bidding on any public works contract under RCW 39.06.010 or 39.12.065 (3);
 - 5. Have received training on the requirements related to public works and prevailing wage under chapter 39.04.350 RCW and chapter 39.12 RCW or be listed as exempt by the department of labor and industries on its website; and
 - 6. Within the three-year period immediately preceding the date of the bid solicitation, not have been determined by a final and binding citation and notice of assessment issued by the department of labor and industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of chapter 49.46, 49.48, or 49.52 RCW.

1.2 SUPPLEMENTAL BIDDER RESPONSIBILITY CRITERIA

- A. RCW 39.04.350(2) specifically authorizes municipalities to adopt relevant supplement criteria for determining bidder responsibility applicable to a particular project which the bidder must meet.
- B. For the work in this project a responsible/qualified Bidder must meet the following standards:
 - 1. Have a current certificate of registration as a contractor, in compliance with chapter 18.27 RCW, for the last three years under the same business name;
 - 2. Have a good record of past performance that includes, but is not limited to, high quality work, ability to complete projects on time, contractor's integrity, compliance with public policy, financial, contractual and tax obligations, as well as Federal and State rules and regulations in performing construction contracts.
 - 3. Have a current Experience Modification Rate (EMR) of 1.0 or less, or an average EMR rate of 1.0 or less over the last three years. The requirement may, at the Owner's sole discretion, be waived on review of a written explanation that includes details of accidents, L&I records, a Loss Ratio Report for the last five years, costs, dates of events, and changes that have been made by the contractor to reduce accidents. A current company Safety Plan shall also be reviewed.
 - 4. Bidder shall provide evidence of previous successful completion of residential rehab projects, of similar scope and complexity. Poor performance, lack of response, or failure to complete projects successfully within the contract time may be grounds for the rejection of bidder.
- C. Subcontractors shall have had three years minimum experience licensed in Washington State in the specific specialty contracting business.

1.3 PREPARATION OF BIDS – CONSTRUCTION

- A. Bids must be submitted on the Bid Form furnished by the Owner.
- B. All fields and questions on required forms must be fully answered and complete. Failure to do so may result in the bid being declared non-responsive.

INSTRUCTIONS TO BIDDERS

- C. The Bid shall comply with the following requirements:
1. Pursuant to RCW 39.30.060, the Bidder shall provide names of the Subcontractors with whom the Bidder will subcontract for performance of heating, ventilation and air conditioning (HVAC), plumbing, and electrical.
 2. The Bidder can name itself for the performance of the work.
 3. The Bidder shall not list more than one Subcontractor for each category of work identified.
 4. Failure of the Bidder to list Subcontractors or to name itself to perform such work shall render the Bidder's bid nonresponsive and, therefore, void.
- D. Bidders shall acknowledge receipt of all addenda to this solicitation by inserting the addenda numbers in the space provided on the Bid Form. Failure to do so may result in the bid being declared non-responsive.
1. Bidder is responsible for checking KCHA's website for addenda prior to submitting bid.
- E. In order for a bid to be considered responsive, bidders must submit the following signed documents with their bid package:
1. Bid Form
 2. Bidder's Information Form
 3. Bid Guarantee
- F. The Bidder agrees to hold the base bid prices for sixty (60) days from date of bid opening.

1.4 BID GUARANTEE

- A. A bid guarantee in the amount of 5% of the base bid amount is required. Failure of the bidder to provide bid guarantee shall render the bid non-responsive.
- B. Acceptable forms of bid guarantee are: A bid bond or postal money order, or certified check or cashier's check made payable to King County Housing Authority.
- C. The Owner will return bid guarantees (other than bid bond) to unsuccessful bidders as soon as practicable, but not sooner than the execution of a contract with the successful bidder. The successful bidder's bid guarantee will be returned to the successful bidder with its official notice to proceed with the work of the contract.

1.5 AMENDMENTS TO INVITATION TO BID

- A. If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.
- B. Bidders shall acknowledge receipt of all addenda to this solicitation by inserting the addenda numbers in the space provided on the Bid Form. Failure to do so may result in the bid being declared non-responsive.
1. Bidder is responsible for checking KCHA's website for addenda prior to submitting bid.
 2. Addenda will not be issued later than three (3) calendar days before the deadline for receipt of Bids except Addendum withdrawing the request for Bids or extending the deadline for receipt of Bids.

INSTRUCTIONS TO BIDDERS

1.6 PRE-BID MEETING

- A. All potential bidders are strongly encouraged to attend. Oral statements may not be relied upon and will not be binding or legally effective.

1.7 EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE

- A. Before submitting a bid, the Bidder shall carefully examine each component of the Contract Documents prepared for the Work and any other available supporting data so as to be thoroughly familiar with all the requirements.
- B. The Bidder shall obtain copies of all agencies and associations guidelines and standards cited in the Contract Documents and necessary to perform the Work, including full size reproductions of material provided by Owner, at their own expense.
- C. The Bidder shall make a thorough and reasonable examination of the project site, facility and conditions under which the Work is to be performed, including but not limited to: Building access; resident occupancy; fire lanes; landscaping; obstacles and character of materials which may be encountered; traffic conditions; public and private utilities; the availability and cost of labor; and available facilities for transportation, handling, and storage of materials and equipment.

1.8 EXPLANATION TO PROSPECTIVE BIDDERS

- A. Any prospective bidder desiring an explanation or interpretation of the solicitation, drawings, specifications, etc., must submit a request in writing to the Owner seven (7) calendar days before the bid due date. Oral explanations or instructions given before the award of a contract will not be binding. Questions shall be submitted to:

Nate Kraus
King County Housing Authority
600 Andover Park W
Seattle, WA 98188
Email: NathanK@kcha.org

1.9 PREVAILING WAGES

- A. Contractor shall pay no less than the Washington State Department of Labor and Industries (L&I) prevailing rate of wages to all workers, laborers, or mechanics employed in the performance of any part of the Work in accordance with RCW 39.12 and the rules and regulations of L&I. The schedule of prevailing wage rates for the locality or localities of the Work is determined by the Industrial Statistician of L&I. It is the Contractor's responsibility to verify the applicable prevailing wage rate.
 - 1. L&I prevailing wage rates may be found at <https://lni.wa.gov/licensing-permits/public-works-projects/prevaling-wage-rates/>
 - 2. The Owner has determined that the work meets the definition of residential construction.
 - 3. The prevailing wage rates publication date is determined by the bid due date.
 - 4. The work is to be performed in King County.
 - 5. A copy of the prevailing wage rates is available at KCHA.
 - 6. A copy of the prevailing wage rates may be mailed on request.

INSTRUCTIONS TO BIDDERS

1.10 TAXES

- A. All taxes imposed by law shall be included in the bid amount. The Contractor shall pay the WSST to the Department of Revenue and shall furnish proof of payment to the Owner if requested.
- B. The retail sales tax does not apply to the gross contract price.
- C. Prime and subcontractors are required to pay retail sales tax upon all purchases of materials, including prefabricated and precast items, equipment, leases or rentals of tools, consumables, and other tangible personal property which is installed, applied, attached, or otherwise incorporated in their work.

1.11 ASSURANCE OF COMPLETION

- A. Payment and performance bonds for 100% of the Contract Sum, including all Change Orders and taxes imposed by law, shall be furnished for the Work, and shall be in a form acceptable to the Owner.

1.12 BID ERROR

- A. In the event Bidder discovers an error in its bid, the Bidder may, under certain conditions and if before the date and time that bids are due, modify, their bid, as detailed below:
 - 1. Prior to Date and Time Bids are Due:
 - a. A Bidder may withdraw its bid at any time prior to the date and time bids are due upon written request.
 - b. After withdrawing an original submitted bid, a Bidder may modify and resubmit its bid at any time prior to the date and time bids are due.
 - 2. After the Date and Time Bids are Due:
 - a. A bidder who submits an erroneous low bid may withdraw the bid. The bid withdrawal is permissible if there was an obvious error in the low bid, and the mistake is readily apparent from the bid itself.
 - b. Notification: Provide to the Owner, within 24 hours of bid opening, written notification of the bidder's intent to withdraw the bid due to error.
 - c. Documentation: Provide to the Owner within 48 hours of bid opening, documentation sufficient in content to justify bid withdrawal to the satisfaction of the Owner. Include description and evidence of the error.
 - d. Approval: the Owner will approve or reject the request for withdrawal in writing.
 - e. Any low bidder who withdraws its bid is prohibited from bidding on the same project if it is subsequently re-solicited.

1.13 ADDITIVE OR DEDUCTIVE BID ITEMS

- A. The low bid, for purposes of award, shall be the lowest responsive bid from a qualified responsible bidder offering the low aggregate amount for the base bid, plus additive or deductive bid alternates selected by the Owner.

INSTRUCTIONS TO BIDDERS

1.14 BID EVALUATION

- A. Responsive Bids: A bid will be considered responsive if it meets the conditions of the solicitation, in addition to but not limited to the following requirements:
1. Bid is received not later than the time and date specified.
 2. Bid is submitted in the proper format on the form(s) provided.
 3. Bid includes the complete scope of work as defined in bid package.
 4. Bid does not include any exclusions or qualifications.
 5. Bid includes Unit and Lump Sum Costs as listed in Proposal Form.
 6. Forms are complete.
- B. After bid opening, bids will be checked for correctness of bid item prices, extensions and the total bid price. Discrepancies shall be resolved by accepting the bid item prices and the corrected extensions and total bid price.
- C. Responsible Bidders: the Owner will award contracts only to responsible bidders who demonstrate the ability to successfully perform under the terms and conditions as set forth in the Contract Documents and have successfully completed projects similar in scope and complexity.
1. Bidders must demonstrate relevant experience on similar types of projects and submit detailed information as required on the Bidder Information Form.
- D. The Owner reserves the right to contact references and investigate past performance and qualifications of the Bidder, subcontractor, and project team members, including contacting third parties and/or the references provided by the Bidder.
1. The Owner may contact references for other projects including those the Bidder did not identify and/or provided references.
 2. References may be asked to rate the performance of and describe their experience with project team members and subcontractors. Bidder Information may be solicited and evaluated on the following subjects: type and features of work; overall quality of project performance and quality of work; experience and technical knowledge and competence of the Bidder and Project Team Members; ability, capacity and skill to perform the Work; ability to manage submittals, requests for information, prevailing wage filings, and other paperwork; compliance with laws, ordinances, and contract provisions; and other information as deemed necessary.
 3. Poor reference(s) may be justification to determine a Bidder is not responsible.
- E. At the Owner's request, provide any additional explanation or information, which would assist in evaluating the qualifications of the Bidder, subcontractors, project team members, and bid price.
- F. The Owner will verify information submitted and if the lowest bidder is determined to be "not responsible," the Owner will issue, in writing, the specific reasons for this determination. The bidder may appeal this decision. The appeal must be in writing and shall be delivered to the Owner within two business days. The appeal may include additional information that was not included in the original bid documents. KCHA will make a final determination after the receipt of the appeal. The final determination may not be appealed.

1.15 CONTRACT AWARD

INSTRUCTIONS TO BIDDERS

- A. Bonding and Insurance: Contract award will be contingent on ability to secure payment/performance bonding, and Contractor's ability to meet the Owner insurance requirements as detailed in the Bid Documents.
- B. Must, for the duration of the contract, procure and maintain Builders Risk insurance as stated in Part 2 of the General Conditions. This shall be in addition to General Liability, Automobile Liability, and Professional Liability/Errors and Omissions (if applicable) Coverage.
- C. Bonding, insurance certificate with endorsements, and an approved Statement of Intent to Pay Prevailing Wages shall be submitted to the Owner within 14 days of contract award. A Notice to Proceed shall be issued immediately after receipt.
- D. Right to Reject Bids/Waiver: The Owner reserves the right to reject any or all bids or to waive any informalities or irregularities in the bidding.
- E. Retainage Funds: The Owner will not pay interest to the Contractor for accounts where retainage funds are maintained by the Owner. As part of the procurement by which the Contractor was selected for this work, the Contractor agrees to waive any other options and has made allowances for this waiver.

GENERAL CONDITIONS

PART 1 - GENERAL PROVISIONS

1.1 DEFINITIONS

- A. "Authority Having Jurisdiction (AHJ)": A federal, state, local, or other regional department, or an individual such as a fire official, labor department, health department, building official, or other individual having statutory authority.
- B. "Contract Documents" means the Instructions to Bidders, Specifications, Plans, General Conditions, Prevailing Wage Rates, Bid Form, Contract Form, other Special Forms, Drawings and Specifications, and all Addenda and modifications thereof.
- C. "Contract Sum" is the total amount payable by Owner to Contractor for performance of the Work in accordance with the Contract Documents.
- D. "Contract Time" is the number of consecutive Days allotted in the Contract Documents for achieving completion of the Work.
- E. "Contracting Officer" means the person delegated the authority by King County Housing Authority to enter into, and/or terminate this Contract. The term includes any successor Contracting Officer and any duly authorized representative of the Contracting Officer.
- F. "Contractor" means the person or other entity entering into the Contract with King County Housing Authority to perform all of the services or work required under the Contract.
- G. "Day" means calendar day, unless otherwise specified.
- H. "Final Acceptance" means the acceptance by Owner that the Contractor has completed the requirements of the Contract Documents.
- I. "Force Majeure" means those acts entitling Contractor to request an equitable adjustment in the Contract Time, including, but not limited to, unusually severe weather conditions which could not have been reasonably anticipated.
- J. "Furnish": Supply and deliver to Project site, ready for unloading, unpacking, assembly, installation, and similar operations.
- K. "Install": Operations at Project site including unloading, temporarily storing, unpacking, assembling, erecting, placing, anchoring, applying, working to dimension, finishing, curing, protecting, cleaning, and similar operations.
- L. "Liquidated Damages" means the amount prescribed in the Contract Documents to be deducted from any payments due or to become due Contractor, for each day's delay in completion of the Work beyond the time allowed in the Contract Documents as stated in the Notice to Proceed, plus any extensions of such time.
- M. "Manager" means the person who is an authorized agent of the King County Housing Authority to administer the Contract.
- N. "Notice to Proceed" means a notice from Owner to Contractor that defines the date on which the Contract Time begins to run.
- O. "Owner" means the King County Housing Authority or its authorized representative with the authority to enter into, administer, and/or terminate the Work in accordance with the Contract Documents and make related determinations and findings.
- P. "Property Manager" means the property management company, its officers and employees.
- Q. "Provide": Furnish and install, complete and ready for the intended use.

GENERAL CONDITIONS

- R. "Subcontract" means any contract, purchase order, or other purchase agreement, including modifications and change orders to the foregoing, entered into by a Subcontractor to furnish supplies, materials, equipment, and services for the performance of the prime Contract or a subcontract.
- S. "Subcontractor" means any supplier, vendor, or firm that furnishes supplies, materials, equipment, or services to or for the Contractor or another Subcontractor.
- T. "Work" means the construction and services required by the Contract Documents, and includes, but is not limited to, labor, materials, supplies, equipment, services, permits, and the manufacture and fabrication of components, performed, furnished, or provided in accordance with the Contract Documents.

1.2 EXECUTION AND INTENT

- A. The intent of the Specifications and Drawings is to describe a complete Project to be constructed in accordance with the Contract Documents. Contractor shall furnish all labor, materials, equipment, tools, transportation, permits, and supplies, and perform the Work required in accordance with the Contract Documents.
- B. All work is to be executed in accordance with the Building Codes, as adopted by the Authority Having Jurisdiction, and other applicable codes and generally accepted industry standards. All products and materials are to be new and handled and applied in accordance with the manufacturer's recommendations.
- C. Contractor makes the following representations to Owner:
 - 1. The Contract Sum is reasonable compensation for the Work and the Contract Time is adequate for the performance of the Work, as represented by the Contract Documents;
 - 2. Contractor has carefully reviewed the Contract Documents, had an opportunity to visit and examine the Project site, has become familiar with the local conditions in which the Work is to be performed, and has satisfied itself as to the nature, location, character, quality and quantity of the Work, the labor, materials, equipment, goods, supplies, work, permits, services and other items to be furnished and all other requirements of the Contract Documents, as well as the surface and subsurface conditions and other matters that may be encountered at the Project site or affect performance of the Work or the cost or difficulty thereof.
- D. The Contract Documents are complementary. What is required by one part of the Contract Documents shall be binding as if required by all. Anything mentioned in the Specifications and not shown on the Drawings, or shown on the Drawings and not mentioned in the Specifications, shall be of like effect as if shown or mentioned in both.

PART 2 - INSURANCE AND BONDS

2.1 INSURANCE REQUIREMENTS FOR BUILDING TRADES CONTRACTORS

- A. Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property that may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or Subcontractors.

2.2 MINIMUM SCOPE OF INSURANCE

- A. Contractors shall maintain coverages no less than:
 - 1. Insurance Services Office Commercial General Liability coverage including Products/Completed Operations.
 - 2. Insurance Services Office covering Automobile Liability, code 1 (any auto).
 - 3. Workers' Compensation insurance as required by State law and Employer's Liability Insurance.
 - 4. Builders Risk (Property / Course of Construction insurance covering for all risks of loss for all projects in excess of \$250,000.00).

GENERAL CONDITIONS

2.3 MINIMUM LIMITS OF INSURANCE

A. Contractor shall maintain limits no less than:

1. General Liability: \$1,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit of \$2,000,000.
2. Automobile Liability: \$1,000,000 per accident for bodily injury and property damage.
3. Employer's Liability: \$1,000,000 per accident for bodily injury/sickness or disease.
4. Builder Risk (Property) / Course of Construction: Completed value of project.

2.4 DEDUCTIBLES AND SELF INSURED RETENTION

- A. Any deductibles or self-insured retentions must be declared to and approved by the Owner. At the option of the Owner, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Owner, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the Owner guaranteeing payment of losses and related investigations, claim administration and defense expenses. **NOTE: If this contract deals with hazardous materials or activities (i.e. lead based paint, asbestos, armed security guards) additional provisions covering those exposures must be included in order to protect the Owner's interests.**

2.5 OTHER INSURANCE PROVISIONS

A. The policies are to contain, or be endorsed to contain, the following provisions:

1. The Owner, the Property Manager, its officers, officials, employees, partners, agents and volunteers are to be covered as additional insureds under a "completed operations" type of additional insured endorsement with respect to general liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. The endorsement(s) effectuating the foregoing additional insured coverage shall be ISO form CG 20 10 11 85, or CG 20 10 10 01 issued concurrently with CG 20 37 10 01, or their equivalent as long as it provides additional insured coverage, without limitation, for completed operations; (ii) automobile liability arising out of vehicles owned, leased, hired, or borrowed by or on behalf of the Contractor; (iii) any insurance written on a claims made basis, shall have a retroactive date that coincides with, or precede, the commencement of any work under this contract. Evidence of such coverage shall be maintained for a minimum of six (6) years beyond the expiration of the project.
2. King County will not accept Certificates of Insurance Alone. Improperly Completed Endorsements will be returned to your insured for correction by an authorized representative of the insurance company.
3. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the Owner, its officers, officials, agents, partners, employees, and volunteers. Any insurance or self-insurance maintained or expired by the Owner, its officers, officials, agents, partners, employees, volunteers, or shall be excess of the Contractor's insurance and shall not contribute with it. King County Housing Authority's Insurance is Non-Contributory in Claims Settlement Funding.
4. The "General description of agreement(s) and/or activity(s) insured" shall include reference to the activity and/or to either specific King County Housing Authority's; project of site name, contract number, lease number, permit number or construction approval number.
5. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled or materially changed, except after thirty (30) days' [ten (10) days for non-payment of premium] prior written notice by certified mail, return receipt requested, has been given to the Owner.
6. Maintenance of the proper insurance for the duration of the contract is a material element of the contract. Material changes in the required coverage or cancellation of the coverage shall constitute a material breach of the contract.
7. Builders Risk / Course of Construction policies shall contain the following provisions:
 - a. The King County Housing Authority shall be named as loss payee.
 - b. The insurer shall waive all rights of subrogation against the Owner and the Property Manager, its officers, officials, employees and volunteers.

GENERAL CONDITIONS

2.6 ACCEPTABILITY OF INSURERS

- A. Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A-:VII. The name of the Insurance Company underwriting the coverage and its address shall be noted on the endorsement form. Contractors must provide written verification of their insurer's rating.

2.7 VERIFICATION OF COVERAGE

- A. Contractor shall furnish the Owner with original certificates and amendatory endorsements effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Owner before work commences in sufficient time to permit contractor to remedy any deficiencies. The Owner reserves the right to require complete, certified copies of all required insurance policies or pertinent parts thereof, including endorsements affecting the coverage required by these specifications at any time.

2.8 SUBCONTRACTORS

- A. Subcontractors shall include the Contractor as additional insured under their policies. All coverage's for subcontractors shall be subject to all of the requirements stated herein. Contractor shall be responsible for the adequacy of required coverages for subcontractors, and compile related certificates of insurance and endorsements evidencing subcontractors' compliance.

2.9 PAYMENT AND PERFORMANCE BONDS

- A. Payment and performance bonds for 100% of the Contract Award Amount shall be furnished for the Work, using the Payment Bond and Performance Bond form AIA – form A312. Change order increases of cumulative 15% increments require revisions to the bond to match the new Contract Sum.

PART 3 - PERFORMANCE

3.1 CONTRACTOR CONTROL AND SUPERVISION

- A. Contractor shall be solely responsible for, and have control over construction means, methods, techniques, sequences, and procedures and for coordinating all portions of the Work, and shall be responsible to Owner for acts and omissions of Contractor, Subcontractors, and their employees and agents.
- B. Contractor shall enforce strict discipline and good order among Contractor's employees and other persons performing the Work. Contractor shall not permit employment of persons not skilled in tasks assigned to them. Owner may, by Notice, request Contractor to remove from the Work or Project site any employee Owner reasonably deems incompetent, careless, or otherwise objectionable.
- C. The Contractor shall perform on the site, and with its own organization, work equivalent to at least 12% of the total amount of work to be performed under the contract.
- D. Work Hours: The Contractor's allowable hours of operation shall be limited to those hours between 8:00 A.M. and 6:00 P.M. Monday to Friday excluding public holidays.

3.2 PERMITS, FEES, AND NOTICES

- A. Unless otherwise provided in the Contract Documents, Contractor shall pay for and obtain all permits, licenses, and coordinate inspections necessary for proper execution and completion of the Work. Prior to final payment, the approved, signed permits shall be delivered to Owner.

3.3 PREVAILING WAGES

- A. Statutes of the State of Washington RCW 39.12 as amended shall apply to this contract. Requirements, in brief, are stated below:

GENERAL CONDITIONS

1. There shall be paid each laborer or mechanic of the Contractor or sub-Contractor engaged in work on the project under this contract in the trade or occupation listed in the schedule of Wage Rates, as determined by the Department of Labor and Industries, not less than the hourly wage rate listed therein, regardless of any contractual relationship which may be alleged to exist between the Contractor and any sub-contractor and such laborers and mechanics.
2. The "prevailing rate or wage" contained in the wage determination include health and welfare fund contributions and other fringe benefits collectively bargained for by the various management and labor organizations. Prevailing wages shall be paid based on the most recent semi-annual list as required by the Department of Labor and Industries (L&I).
3. In case any dispute arises as to what are the prevailing rates for wages of work of a similar nature, and such disputes cannot be resolved by the parties involved, including labor and management representatives, the matter shall be referred for arbitration to the Director of the Department of Labor and Industries of the State of Washington, and the Director's decision shall be final and conclusive and binding on all parties involved in the dispute.

B. Before commencing the Work, Contractor shall file a statement of "Intent to Pay Prevailing Wages."

C. After completion of the Work, Contractor shall file an "Affidavit of Wages Paid."

3.4 EQUAL EMPLOYMENT OPPORTUNITY

A. During performance of the Work:

1. Contractor shall not discriminate against any employee or applicant for employment because of race, creed, color, national origin, sex, age, marital status, the presence of any physical, sensory, or mental disability, sexual orientation, Vietnam-era veteran status, disabled veteran status or political affiliation, nor commit any unfair practices as defined in RCW 49.60.
2. The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, of any physical, sensory, or mental disability, sexual orientation, Vietnam-era veteran status, disabled veteran status, or political affiliation.
3. The Contractor shall give all notices and comply with all applicable laws, ordinances, rules, regulations and orders in regard to Equal Employment Opportunity including but not limited to Executive Order 11246, as amended, Section 503 of the Rehabilitation Act of 1973, as amended, and the rules, regulations, and orders of the Secretary of Labor. The Contractor shall include the terms of this Clause in every subcontract so that such term shall be binding on each Subcontractor.
4. Non-Discrimination R.C.W. 49.60: These special requirements establish minimum requirements for affirmative action and are intended to define and implement the basic discrimination provisions of these specifications. Failure to comply with these requirements may constitute grounds for application of contract default.

3.5 SAFETY PRECAUTIONS

A. In performing this contract, the Contractor shall provide for protecting the lives and health of employees and other persons; preventing damage to property, materials, supplies, and equipment; and avoid work interruptions. For these purposes, the Contractor shall:

1. Follow Washington Industrial Safety and Health Act (WISHA) regional directives and provide a site-specific safety program that will require an accident prevention and hazard analysis plan for the contractor and each subcontractor on the work site. The Contractor shall submit a site-specific safety plan to the Owner's representative prior to the initial scheduled construction meeting.
2. Provide adequate safety devices and measures including, but not limited to, the appropriate safety literature, notice, training, permits, placement and use of barricades, signs, signal lights, ladders, scaffolding, staging, runways, hoist, construction elevators, shoring, temporary lighting, grounded outlets, wiring, hazardous materials, vehicles, construction processes, and equipment required by Chapter 19.27 RCW, State Building Code (Uniform Building, Electrical, Mechanical, Fire, and Plumbing Codes); Chapter 212-12 WAC, Fire Marshal Standards, Chapter 49.17 RCW, WISHA; Chapter 296-155 WAC, Safety Standards for Construction Work; Chapter 296-65 WAC; WISHA Asbestos Standard; WAC 296-62-071, Respirator Standard; WAC 296-62, General Occupation Health Standards, WAC 296-24, General Safety and Health Standards, WAC 296-24, General Safety and Health Standards, Chapter 49.70 RCW, and Right to Know Act.

GENERAL CONDITIONS

3. Comply with the State Environmental Policy Act (SEPA), Clean Air Act, Shoreline Management Act, and other applicable federal, state, and local statutes and regulations dealing with the prevention of environmental pollution and the preservation of public natural resources.
 4. Post all permits, notices, and/or approvals in a conspicuous location at the construction site.
 5. Provide any additional measures that the Owner determines to be reasonable and necessary for ensuring a safe environment in areas open to the public. Nothing in this part shall be construed as imposing a duty upon the Owner to prescribe safety conditions relating to employees, public, or agents of the Contractors.
- B. Contractor to maintain safety records: Contractor shall maintain an accurate record of exposure data on all incidents relating to the Work resulting in death, traumatic injury, occupational disease, or damage to property, materials, supplies, or equipment. Contractor shall immediately report any such incident to Owner. Owner shall, at all times, have a right of access to all records of exposure.
- C. Contractor to provide HazMat training: Contractor shall provide all persons working on the Project site with information and training on hazardous chemicals in their work at the time of their initial assignment, and whenever a new hazard is introduced into their work area.
1. Information. At a minimum, Contractor shall inform persons working on the Project site of:
 - a. WAC: The requirements of chapter 296-62 WAC, General Occupational Health Standards;
 - b. Presence of hazardous chemicals: Any operations in their work area where hazardous chemicals are present; and
 - c. Hazard communications program: The location and availability of written hazard communication programs, including the required list(s) of hazardous chemicals and material safety data sheets required by chapter 296-62 WAC.
 2. Training. At a minimum, Contractor shall provide training for persons working on the Project site which includes:
 - a. Detecting hazardous chemicals: Methods and observations that may be used to detect the presence or release of a hazardous chemical in the work area (such as monitoring conducted by the employer, continuous monitoring devices, visual appearance or odor of hazardous chemicals when being released, etc.);
 - b. Hazards of chemicals: The physical and health hazards of the chemicals in the work area;
 - c. Protection from hazards: The measures such persons can take to protect themselves from these hazards, including specific procedures Contractor, or its Subcontractors, or others have implemented to protect those on the Project site from exposure to hazardous chemicals, such as appropriate work practices, emergency procedures, and personal protective equipment to be used; and
 - d. Hazard communications program: The details of the hazard communications program developed by Contractor, or its Subcontractors, including an explanation of the labeling system and the material safety data sheet, and how employees can obtain and use the appropriate hazard information.
- D. Hazardous, toxic or harmful substances: Contractor's responsibility for hazardous, toxic, or harmful substances shall include the following duties:
1. Illegal use of dangerous substances: Contractor shall not keep, use, dispose, transport, generate, or sell on or about the Project site, any substances now or hereafter designated as, or which are subject to regulation as, hazardous, toxic, dangerous, or harmful by any federal, state or local law, regulation, statute or ordinance (hereinafter collectively referred to as "hazardous substances"), in violation of any such law, regulation, statute, or ordinance, but in no case shall any such hazardous substance be stored on the Project site.
 2. Contractor notifications of spills, failures, inspections, and fines: Contractor shall promptly notify Owner of all spills or releases of any hazardous substances which are otherwise required to be reported to any regulatory agency and pay the cost of cleanup. Contractor shall promptly notify Owner of all failures to comply with any federal, state, or local law, regulation, or ordinance; all inspections of the Project site by any regulatory entity concerning the same; all regulatory orders or fines; and all responses or interim cleanup actions taken by or proposed to be taken by any government entity or private party on the Project site.

GENERAL CONDITIONS

- E. Public safety and traffic: All Work shall be performed with due regard for the safety of the public. Contractor shall perform the Work so as to cause a minimum of interruption of vehicular traffic or inconvenience to pedestrians. All arrangements to care for such traffic shall be Contractor's responsibilities. All expenses involved in the maintenance of traffic by way of detours shall be borne by Contractor.
- F. Contractor to act in an emergency: In an emergency affecting the safety of life or the Work or of adjoining property, Contractor is permitted to act, at its discretion, to prevent such threatened loss or injury, and Contractor shall so act if so authorized or instructed.
- G. No duty of safety by Owner: Nothing provided in this section shall be construed as imposing any duty upon Owner with regard to, or as constituting any express or implied assumption of control or responsibility over, Project site safety, or over any other safety conditions relating to employees or agents of Contractor or any of its Subcontractors, or the public.

3.6 INDEPENDENT CONTRACTOR

- A. The Contractor and Owner agree the Contractor is an independent contractor with respect to the services provided pursuant to this Contract. Nothing in this Contract shall be considered to create a relationship of employer and employee between the parties hereto. Neither the Contractor nor any employee of the Contractor shall be entitled to any benefits accorded Owner employees by virtue of the services provided under this Contract. The Owner shall not be responsible for withholding or otherwise deducting federal income tax or social security or contributing to the State Industrial Insurance Program, or otherwise assuming the duties of an employer with respect to the Contractor, or any employees of the Contractor.

3.7 OPERATIONS, MATERIAL HANDLING, AND STORAGE AREAS

- A. Contractor shall confine all operations, including storage of materials, to Owner-approved areas.
- B. Contractor shall be responsible for the proper care and protection of its materials and equipment delivered to the Project site.
- C. Contractor shall protect and be responsible for any damage or loss to the Work, or to the materials or equipment until the date of Final Acceptance, and shall repair or replace without cost to Owner any damage or loss that may occur.

3.8 PRIOR NOTICE OF EXCAVATION

- A. Prior to any excavation Contractor shall engage a locate service for all underground facilities or utilities. Contractor shall pay all fees for locator services and pay for all damages caused by excavation.

3.9 UNFORESEEN PHYSICAL CONDITIONS

- A. Notice requirement for concealed or unknown conditions: If Contractor encounters conditions at the site which are subsurface or otherwise concealed physical conditions which differ materially from those indicated in the Contract Documents, or unknown physical conditions of an unusual nature which differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, then Contractor shall give written notice to Owner promptly and in no event later than seven Days after the first observance of the conditions. Conditions shall not be disturbed prior to such notice.
- B. Adjustment in Contract Time and Contract Sum: If such conditions differ materially and cause a change in Contractor's cost of, or time required for, performance of any part of the Work, the Contractor may be entitled to an equitable adjustment in the Contract Time or Contract Sum, or both, provided it makes a request therefore as provided in Part 5.

GENERAL CONDITIONS

3.10 PROTECTION OF EXISTING STRUCTURES, EQUIPMENT, VEGETATION, UTILITIES, AND IMPROVEMENTS

- A. Contractor shall protect from damage all existing conditions, including soils, structures, equipment, improvements, utilities, and vegetation at or near the Project site; and on adjacent property of a third party, the locations of which are made known to or should be known by Contractor. Contractor shall repair any damage, including that to the property of a third party, resulting from failure to comply with the requirements of the Contract Documents, any defects of equipment, material, workmanship or design furnished by the Contractor, or failure by Contractor or subcontractor at any tier to exercise reasonable care in performing the Work. If Contractor fails or refuses to repair the damage promptly, Owner may have the necessary work performed and charge the cost to Contractor.
- B. New work which connects to existing work shall correspond in all respects with that to which it connects and/or be similar to existing work unless otherwise required by the Specifications.

3.11 MATERIAL AND EQUIPMENT

- A. All equipment, material, and articles incorporated into the Work shall be new and of the most suitable grade for the purpose intended, unless otherwise specifically provided in the Contract Documents. References in the Specifications to equipment, material, articles, or patented processes by trade name, make, or catalog number, shall be regarded as establishing a standard quality and shall not be construed as limiting competition. Contractor may, at its option, use any equipment, material, article, or process that, in the judgment of Owner, is equal to that named in the Specifications, unless otherwise specifically provided in the Contract Documents.
- B. Substitutions shall be considered where qualities and attributes including, but not limited to, cost, performance, weight, size, durability, visual effect, and specific features and requirements indicated are deemed equal or better by the Owner at the Owner's sole discretion. All requests for substitutions shall be made in writing to Owner and shall not be deemed to be approved unless approved in writing by Owner.

3.12 CORRECTION OF NONCONFORMING WORK

- A. Contractor shall promptly correct Work found by Owner not to conform to the requirements of the Contract Documents, whether observed before or after Final Acceptance.
- B. If Contractor fails to correct nonconforming Work, Owner may replace, correct, or remove the nonconforming Work and charge the cost thereof to the Contractor.

3.13 CLEAN UP

- A. Contractor shall at all times keep the Project site, including hauling routes, infrastructures, utilities, and storage areas, free from accumulations of waste materials. Before completing the Work, Contractor shall remove from the premises its rubbish, tools, scaffolding, equipment, and materials. Upon completing the Work, Contractor shall leave the Project site in a clean, neat, and orderly condition satisfactory to Owner. If Contractor fails to clean up as provided herein, and after reasonable notice from Owner, Owner may do so and the cost thereof shall be charged to Contractor.

3.14 SUBCONTRACTORS AND SUPPLIERS

- A. Contractor shall utilize Subcontractors and suppliers which are experienced and qualified.
- B. By appropriate written agreement, Contractor shall require each Subcontractor to be bound to Contractor by terms of those Contract Documents, and to assume toward Contractor all the obligations and responsibilities which Contractor assumes toward Owner in accordance with the Contract Documents. Each Subcontract shall preserve and protect the rights of Owner in accordance with the Contract Documents with respect to the Work to be performed by the Subcontractor so that subcontracting thereof will not prejudice such rights. Contractor shall require each Subcontractor to enter into similar agreements with Sub-subcontractors. However, nothing in this paragraph shall be construed to alter the contractual relations between Contractor and its Subcontractors with respect to insurance or bonds.

GENERAL CONDITIONS

- C. Contractor shall schedule, supervise, and coordinate the operations of all Subcontractors. No Subcontracting of any of the Work shall relieve Contractor from its responsibility for the performance of the Work in accordance with the Contract Documents or any other obligations of the Contract Documents.
- D. It is the Contractor's responsibility to pay its Subcontractors and material suppliers on a timely basis. The Owner reserves the right to withhold a portion of the Contractor's payment if the Contractor fails to make timely payments to the Subcontractors and material suppliers.
- E. The Contract Documents shall not be construed to create a contractual relationship of any kind between the Owner and any Subcontractor; or any persons other than Owner and Contractor.
- F. The Contractor shall not enter into any subcontract with any subcontractor who has been suspended or debarred from participating in contracting programs by any agency of the United States Government or by any state, territory, or municipality.

3.15 INDEMNIFICATION

- A. The Contractor hereby agrees to indemnify, defend, and hold harmless the Authority, its successors and assigns, director, officers, officials, employees, agents, partners and volunteers (all foregoing singly and collectively (Indemnities")) from a and against any and all claims, losses, harm costs, liabilities, damages and expenses, including, but not limited to, reasonable attorney's fees arising or resulting from the performance of the services, or the acts or omissions of the Contractor its successors, and assigns, employees, subcontractors or anyone acting on the contractor's behalf in connection with this Contract or its performance of this Contract.
- B. Provided, however, that the Contractor will not be required to indemnify, defend, or save harmless the indemnitee as provided in the preceding paragraphs of this section if the claim, suit, or action for injuries, death, or damages is caused by the sole negligence of the indemnitee. Where such claims, suites, or actions result from the concurrent negligence of (a) the indemnitee or the indemnitee's agents or employees and (b) the Contractor or the Contractor's agent or employee, the indemnity provisions provided in the proceeding paragraphs of this section shall be valid and enforceable only to the extent of the Contractor's negligence or the negligence of its agents and employees..
- C. The foregoing indemnity is specifically and expressly intended to constitute a waiver of the Contractor's immunity under Washington's Industrial Insurance act, RCW Title 51. The parties acknowledge that these provisions were specifically negotiated and agreed upon by them. If any portion of this indemnity clause is invalid or unenforceable, it shall be deemed excised and the remaining portions of the clause shall be given full force and effect.
- D. The Contractor hereby agrees to require all its Subcontractors or anyone acting under its direction or control or on its behalf in connection with or incidental to the performance of this Contract to execute an indemnity clause identical to the preceding clause, specifically naming the Owner as indemnity, and failure to do so shall constitute a material breach of this Contract by the Contractor.

3.16 PROHIBITION AGAINST LIENS

- A. The Contractor is prohibited from placing a lien on the Owner's property. This prohibition shall apply to all subcontractors of any tier and all materials suppliers, in accordance with RCW 35.82.190.

3.17 DAMAGES FOR FAILURE TO ACHIEVE TIMELY COMPLETION

- A. Liquidated Damages
 - 1. Timely performance and completion of the Work is essential to Owner and time limits stated in the Contract Documents are of the essence. The liquidated damage amounts set forth will be assessed not as a penalty, but as liquidated damages for breach of the Contract Documents. This amount is fixed and agreed upon by and between the Contractor and Owner because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner would in such event sustain. This amount shall be construed as the actual amount of damages sustained by the Owner, and may be retained by the Owner and deducted from any payments to the Contractor.

GENERAL CONDITIONS

2. If different completion dates are specified in the contract for separate parts or stages of the work, the amount of liquidated damages shall be assessed on those parts or stages which are delayed.

3.18 WAIVER AND SEVERABILITY

- A. The failure or delay of either party to insist on performance of any provision of the Contract, or to exercise any right or remedy available under the Contract, shall not be construed as a waiver of that provision, right, or remedy in any later instance. Waiver or breach of any provision of the Contract shall not be construed to be a waiver of any other or subsequent breach and shall not be construed to be a modification of the terms of the Contract, unless the Contract is modified pursuant to the Clause entitled "Contract Modifications" herein.
- B. If any provision of the Contract is or becomes void or unenforceable by operation of law, the remaining provisions shall be valid and enforceable.

PART 4 - PAYMENTS AND COMPLETION

4.1 CONTRACT SUM

- A. The Contract Sum shall include all taxes imposed by law and properly chargeable to the Project, including sales tax. The Contractor shall pay the WSST to the Department of Revenue and shall furnish proof of payment to the Owner if requested.
- B. The retail sales tax does not apply to the gross contract price.
- C. Prime and subcontractors are required to pay retail sales tax upon all purchases of materials, including prefabricated and precast items, equipment, leases or rentals of tools, consumables, and other tangible personal property which is installed, applied, attached, or otherwise incorporated in their work.

4.2 APPLICATION FOR PAYMENT

- A. At monthly intervals, unless determined otherwise by Owner, Contractor shall submit to Owner an Application for Payment for Work completed in accordance with the Contract Documents. Each application shall be supported by such substantiating data as Owner may require.
- B. Each invoice shall include the following statement: "I hereby certify that the items listed are proper charges for materials, merchandise or services provided to the King County Housing Authority, and that all goods and/or services have been provided; that prevailing wages have been paid in accordance with the approved statements of intent filed with the Department of Labor and Industries; and that sub-contractors and/or suppliers have been paid, less earned retainage, as their interest appears in the last payment received."
- C. Coordinate preparation of the Schedule of Values with preparation of Contractor's Construction Schedule. Each Application for Payment shall be consistent with previous applications and payments.
- D. Owner shall retain 5% of the amount of each progress payment until 45 Days after Final Acceptance and receipt of all documents required by law or the Contract Documents, including releases by Washington State Employment Security Department and Washington State Department of Revenue, Department of Labor & Industries, and consent of surety to release of the retainage.
- E. Waivers of Lien: With each Application for Payment, submit conditional waivers lien from every entity who is lawfully entitled to file a lien arising out of the Contract and related to the Work covered by the payment.
 1. Submit partial waivers on each item for amount requested, before deduction for retainage, on each item.
 2. When an application shows completion of an item, submit final or full waivers.
 3. Owner reserves the right to designate which entities involved in the Work must submit waivers.
 - a. Submit final Application for Payment with or preceded by final waivers from every entity involved with performance of the Work covered by the application who is lawfully entitled to a lien.

GENERAL CONDITIONS

- F. Final Payment Application: Submit final Application for Payment with releases and close out supporting documentation.
- G. Approved payments shall be mailed to the Contractor within 30 days.

4.3 FINAL COMPLETION, ACCEPTANCE, AND PAYMENT

- A. The Owner shall make a final inspection of the Work on receipt of (1) written notice from the Contractor that the Work is ready for final inspection and (2) a final Application for Payment. When the Owner finds the Work acceptable and fully performed under the Contract Documents, and the Contractor has delivered to the Owner all warranties, permits, and operations manuals, the Owner will issue a Notice of Final Completion.
- B. Acceptance of final payment by Contractor, or any Subcontractor, shall constitute a waiver and release to Owner of all claims by Contractor, or any such Subcontractor, for an increase in the Contract Sum or the Contract Time, and for every act or omission of Owner relating to or arising out of the Work, except for those Claims made in accordance with the procedures, including the time limits, set forth in PART 7 - .

PART 5 - CHANGES

5.1 CHANGE IN THE WORK

- A. Owner may, at any time and without notice to Contractor's surety, order additions, deletions, revisions, or other changes in the Work. These changes in the Work shall be incorporated into the Contract Documents through the execution of Change Orders. If any change in the Work ordered by Owner causes an increase or decrease in the Contract Sum or the Contract Time, an equitable adjustment shall be made as provided in 5.2 and 5.3.
- B. Pending agreement on the terms of the Change Order, Owner may direct Contractor to proceed immediately with the Change Order Work. Contractor shall not proceed with any change in the Work until it has obtained Owner's approval.
- C. The Contractor agrees that any change in the Contract Amount or Contract Time provided in a Change Order is full and complete compensation to the Contractor for the change(s) to the work, deleted work, modified work, direct or indirect impact on the Contractor's schedule, and for any equitable adjustment or time extension to which the Contractor may be entitled to in this Change Order, pursuant to the Contract between the Owner and Contractor.

5.2 CHANGE IN THE CONTRACT SUM

- A. Change Order Pricing - Fixed Price: When the fixed price or time and materials method is used to determine the value of any Work covered by a Change Order, or of a request for an equitable adjustment in the Contract Sum, the following procedures shall apply:
 - 1. Contractor's Change Order proposal, or request for adjustment in the Contract Sum, shall be accompanied by a complete itemization of the costs, including labor, material, subcontractor costs, and overhead and profit. The costs shall be itemized in the manner set forth below, and shall be submitted on breakdown sheets with documentation in a form approved by Owner.
 - 2. Any request for adjustment of Contract Sum shall include only the following items:
 - a. Craft labor costs for Contractors and Subcontractors.
 - 1) Basic wages and benefits: Hourly rates and benefits according to applicable prevailing wages.
 - 2) Direct supervision shall not to exceed 15% of the cost of direct labor. No supervision markup shall be allowed for a working supervisor's hours.
 - 3) Worker's Insurance. Direct contributions to the State for industrial insurance, medical aid, and supplemental pension by the class and rates established by L&I.
 - 4) Federal Insurance. Direct contributions required by the Federal Insurance Compensation Act; Federal Unemployment Tax Act; and the State Unemployment Compensation Act.

GENERAL CONDITIONS

- 5) Safety and small tools: 4% of the sum of the amounts calculated in (1), (2), and (3) above.
 - b. Material Costs: Material costs and applicable sales tax shall be developed from actual known costs, supplier quotations or standard industry pricing guides and shall consider all available discounts. Freight costs, express charges, or special delivery charges shall be itemized.
 - c. Equipment Costs: Itemization of the type of equipment and the estimated or actual length of time the equipment appropriate for the Work is or will be used on the change in the Work. Costs will be allowed for equipment and applicable sales tax only if used solely for the changed Work, or for additional rental costs actually incurred by the Contractor. The Date Quest Rental Rate (Blue Book) shall be used as a basis for establishing rental rates of equipment not listed in the above sources. The maximum rate for standby equipment shall not exceed 50% of the applicable rate.
 - d. Allowance for Overhead: This allowance shall compensate Contractor for all noncraft labor, temporary construction facilities, field engineering, schedule updating, as-built drawings, home office cost, B&O taxes, office engineering, estimating costs, additional overhead because of extended time and any other cost incidental to the change in the Work. This allowance shall be strictly limited in all cases an amount not to exceed the following:
 - 1) For Contractor, for any Work actually performed by Contractor's own forces, 16% of the cost.
 - 2) For each Subcontractor (including lower tier subcontractors), for any Work actually performed by its own forces, 16% of the cost.
 - 3) For Contractor, for any Work performed by its Subcontractor(s), 6% of the amount due each Subcontractor.
 - 4) For each Subcontractor, for any Work performed by its Subcontractor(s) of any lower tier, 5% of the amount due the sub-Subcontractor.
 - e. Allowance for Profit:
 - 1) For Contractor or Subcontractor of any tier for work performed by their forces, 5% of the cost developed in accordance with subsections a, b & c above.
 - 2) For Contractor or Subcontractor of any tier for work performed by a subcontractor of a lower tier, 5% of the Subcontractor cost.
 - f. Insurance or Bond Premium: The costs of any change or additional premium of Contractor's liability insurance and public works bond arising directly from the changed Work. The costs of any change in insurance or bond premium shall be added after overhead and profit are calculated.
- B. Change Order Pricing - Unit Prices
1. Work on a unit-price basis as stated in the Specifications and at the price submitted in the Bid Form or as subsequently modified.
 - a. Unit prices shall include reimbursement for all direct and indirect costs of the Work, including overhead and profit, and bond and insurance costs; and
 - b. Quantities must be supported by field measurement verified by Owner.

5.3 CHANGE IN THE CONTRACT TIME

- A. The Contract Time shall only be changed by a Change Order. Contractor shall immediately notify Owner, and shall include any request for a change in the Contract Time in its Change Order proposal.
- B. If the time of Contractor's performance is changed due to an act of Force Majeure, Contractor shall request for an equitable adjustment in the Contract Time in writing within 24-hours of the occurrence.

GENERAL CONDITIONS

PART 6 - CLAIMS AND DISPUTE RESOLUTION

6.1 CLAIMS PROCEDURE

- A. If the parties fail to reach agreement regarding any dispute arising from the Contract Documents, Contractor's only remedy shall be to file a Claim with Owner within 30 Days from Owner's final offer.
- B. The Claim shall be deemed to cover all changes in cost and time (including direct, indirect, impact, and consequential) to which Contractor may be entitled. It shall be fully substantiated and documented.
- C. After Contractor has submitted a fully-documented Claim, Owner shall respond, in writing, to Contractor with a decision within 30 Days from the date the Claim is received.
- D. Contractor shall proceed with performance of the Work pending final resolution of any Claim. Owner's written decision as set forth above shall be final and conclusive as to all matters set forth in the Claim.
- E. Any Claim of the Contractor against the Owner for damages, additional compensation, or additional time, shall be conclusively deemed to have been waived by the Contractor unless timely made in accordance with the requirements of this section.

6.2 ARBITRATION

- A. If Contractor disagrees with Owner's decision rendered in accordance with paragraph 6.1C, Contractor shall provide Owner with a written demand for arbitration. No demand for arbitration of any such Claim shall be made later than 30 Days after the date of Owner's decision on such Claim; failure to demand arbitration within said 30 Day period shall result in Owner's decision being final and binding upon Contractor and its Subcontractors.
 - 1. Notice of the demand for arbitration shall be filed with the American Arbitration Association (AAA), with a copy provided to Owner. The parties shall negotiate or mediate under the Voluntary Construction Mediation Rules of the AAA, or mutually acceptable service.
- B. All Claims arising out of the Work shall be resolved by arbitration. The judgment upon the arbitration award may be entered, or review of the award may occur, in the superior court having jurisdiction thereof. No independent legal action relating to or arising from the Work shall be maintained.

6.3 CLAIMS AUDITS

- A. All Claims filed against Owner shall be subject to audit at any time following the filing of the Claim. Failure of Contractor, or Subcontractors of any tier, to maintain and retain sufficient records to allow Owner to verify all or a portion of the Claim or to permit Owner access to the books and records of Contractor, or Subcontractors of any tier, shall constitute a waiver of the Claim and shall bar any recovery.
 - 1. In support of Owner audit of any Claim, Contractor shall promptly make available to Owner all records relating to the Work.

PART 7 - TERMINATION OF THE WORK

7.1 TERMINATION BY OWNER FOR CAUSE

- A. Owner may, upon a written Notice to Contractor and to its surety, terminate (without prejudice to any right or remedy of Owner) the Work, or any part of it, for cause upon the occurrence of any one or more of the following events:
 - 1. Contractor fails to prosecute the Work or any portion thereof with sufficient diligence to ensure Completion of the Work within the Contract Time;
 - 2. Contractor is adjudged bankrupt, makes a general assignment for the benefit of its creditors, or a receiver is appointed on account of its insolvency;

GENERAL CONDITIONS

3. Contractor fails in a material way to replace or correct Work not in conformance with the Contract Documents;
4. Contractor repeatedly fails to supply skilled workers or proper materials or equipment;
5. Contractor repeatedly fails to make prompt payment due to Subcontractors, suppliers, or for labor;
6. Contractor materially disregards or fails to comply with laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction; or
7. Contractor is otherwise in material breach of any provision of the Contract Documents.

B. Upon termination, Owner may at its option:

1. Take possession of the Project site and take possession of or use all materials, equipment, tools, and construction equipment and machinery thereon owned by Contractor to maintain the orderly progress of, and to finish, the Work;
2. Finish the Work by whatever other reasonable method it deems expedient.

C. Owner's rights and duties upon termination are subject to the prior rights and duties of the surety, if any, obligated under any bond provided in accordance with the Contract Documents.

D. When Owner terminates the Work in accordance with this section, Contractor shall take the actions set forth in paragraph 7.2B, and shall not be entitled to receive further payment until the Work is accepted.

E. If the unpaid balance of the Contract Sum exceeds the cost of finishing the Work, including compensation for A/E services and expenses made necessary thereby and any other extra costs or damages incurred by Owner in completing the Work, or as a result of Contractor's actions, such excess shall be paid to Contractor. If such costs exceed the unpaid balance, Contractor shall pay the difference to Owner. Contractor shall also be liable for liquidated damages until such reasonable time as may be required for Completion. These obligations for payment shall survive termination.

F. Termination of the Work in accordance with this section shall not relieve Contractor or its surety of any responsibilities for Work performed.

G. If Owner terminates Contractor for cause, and it is later determined that none of the circumstances set forth in 7.1A exist, then such termination shall be deemed a termination for convenience pursuant to 7.2.

7.2 TERMINATION BY OWNER FOR CONVENIENCE

A. Owner may, upon Notice, terminate (without prejudice to any right or remedy of Owner) the Work, or any part of it, for the convenience of Owner.

B. Unless Owner directs otherwise, after receipt of a Notice of termination for either cause or convenience, Contractor shall promptly:

1. Stop performing Work on the date and as specified in the notice of termination;
2. Place no further orders or subcontracts for materials, equipment, services or facilities, except as may be necessary for completion of such portion of the Work as is not terminated;
3. Cancel all orders and subcontracts, upon terms acceptable to Owner, to the extent that they relate to the performance of Work terminated;

PART 8 - MISCELLANEOUS PROVISIONS

8.1 RECORDS KEEPING AND REPORTING

- A. The Contractor and all Subcontractors shall maintain accounts and records in accordance with State Auditor's procedures, including personnel, property, financial and programmatic records which sufficiently and properly reflect all direct and indirect costs of any nature expended and services performed in the performance of this Contract and other such records as may be deemed necessary by the Owner to ensure proper accounting for all funds contributed by the Owner to the performance of this Contract and compliance with this Contract.

GENERAL CONDITIONS

- B. The Contractor, and its Subcontractors, shall maintain these records for a period of six (6) years after the date of Final Acceptance.

8.2 AUDITS AND INSPECTIONS

- A. The records and documents with respect to all matters covered by this Contract shall be subject at all times to inspection, review or audit by the Owner or any other government agency so authorized by law during the performance of this Contract. The Owner shall have the right to an annual audit of the Contractor's financial statement and condition.

8.3 ORGANIZATION CONFLICTS OF INTEREST

- A. The Contractor warrants that to the best of its knowledge and belief and except as otherwise disclosed, it does not have any organizational conflict of interest which is defined as a situation in which the nature of work under this Contract and the Contractor's organizational, financial, contractual or other interests are such that:
 - 1. Award of the Contract may result in an unfair competitive advantage; or
 - 2. The Contractor's objectivity in performing the Contract work may be impaired.
- B. The Contractor agrees that if after award they discover an organizational conflict of interest with respect to this Contract, they shall make an immediate and full disclosure in writing to the Contracting Officer, which shall include a description of the action, which the Contractor has taken or intends to take to eliminate or neutralize the conflict. The Owner may, however, terminate the Contract if it deems the action to be in the best interest of the Owner.
- C. In the event the Contractor was aware of an organizational conflict of interest before the award of this Contract and intentionally did not disclose the conflict to the Contracting Officer, the Owner may terminate the Contract for default.
- D. The provisions of this Clause shall be included in all subcontracts and consulting agreements wherein the work to be performed is similar to the services provided by the Contractor. The Contractor shall include in such subcontracts and consulting agreements any necessary provisions to eliminate or neutralize conflicts of interest.

8.4 INTERESTS OF MEMBERS OF CONGRESS

- A. No member of or delegate to the Congress of the United States of America shall be admitted to any share or part of this Contract or to any benefit to arise therefrom, but this provision shall not be construed to extend to this Contract if made with a corporation for its general benefit.

8.5 INTERESTS OF MEMBERS, OFFICERS, COMMISSIONERS AND EMPLOYEES, OR FORMER MEMBERS, OFFICERS AND EMPLOYEES

- A. No member, officer, or employee of the King County Housing Authority, no member of the governing body of the locality in which the project is situated, no member of the governing body in which the Owner was activated, and no other public official or such locality or localities who exercises any functions or responsibilities with respect to the project, shall, during his or her tenure, or for one year thereafter, have any interest, direct or indirect, in this Contract or the proceeds thereof.

BID FORM

PROJECT NAME AND LOCATION:

**Building 8 Renovations
Kirkland Heights Apartments**

Contract Number: AM2200131

BID FORM

The undersigned, Legal Name of Bidder: _____

on this date: _____, 2022, having familiarized him/herself with the contract documents, site conditions, and has field verified all measurements contained in the project manual as prepared by the Owner, hereby proposes to furnish labor, materials and necessary equipment – all including, but not limited to, demolition, disposal, new installation and the required applicable taxes and fees to complete the work for the following bid amounts:

BASE BID _____ (\$ _____)

ADD/ALTERNATE BID _____ (\$ _____)

UNIT PRICES See Specification Section 01 20 00 1.6 – Unit Prices (Unit Prices should not include Sales Tax)

Unit Price No. 1 _____ (\$ _____)

Unit Price No. 2 _____ (\$ _____)

Unit Price No. 3 _____ (\$ _____)

Unit Price No. 4 _____ (\$ _____)

Unit Price No. 5 _____ (\$ _____)

Unit Price No. 6 _____ (\$ _____)

ADDENDA _____

Acknowledge receipt of any addenda by inserting the number(s) above

BID FORM

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids. The undersigned hereby agrees that this proposal shall be a valid and firm offer for a period of One Hundred Twenty (120) calendar days from the date of Bid Opening.

Bidder agrees that Work will be substantially complete and ready for final payment in accordance with the Contract Documents on or before the date, within the number of calendar days indicated.

The undersigned Bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date for this Project, the bidder is not a “willful” violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

I certify (or declare) under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

Signature of Bidder

Print Your Name

Submitted on _____ day of _____ 2022

City

State

CONTRACT FORM

This Contract is entered into by and between the King County Housing Authority, hereinafter referred to as the "Owner" whose principal office is located at 600 Andover Park West, Seattle, WA 98188 and _____, referred to as the "Contractor", whose principal office is located at _____.

IN CONSIDERATION OF the mutual benefits and conditions hereinafter contained, the parties hereto agree as follows:

1.1 Contract Documents

- A. The provisions set forth in the Contract Documents are hereby incorporated into and made part of the Contract. Contractor acknowledges receipt and review of all Contract Documents applicable to performance of the work. The Contract shall consist of the following component parts:

1. This Instrument
2. Bid Addenda
3. Specifications
4. Construction Drawings
5. Evergreen Sustainable Development Standards Version 4.0
6. Bid Form
7. Pre-Bid Agenda
8. General Conditions
9. Instructions to Bidders
10. Wage Rates
11. Agreement to Pay Prevailing Wage
12. Performance and Payment Bond
13. Lead Based Paint Inspection dated September 13, 2013 (Included in Specifications)
14. Limited Asbestos Screening dated September 11, 2013 (Included in Specifications)
15. Phase I Environmental Site Assessment dated November 2018 (Included in Specifications)

- 1.2 Scope of Services to be Performed by the Contractor:** The Contractor shall provide all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete the work in accordance with the Contract Documents for:

Project: Kirkland Heights Apartments Building 8 Renovation

Contract No.: AM2200131

- 1.3 Compensation:** The total amount of the Contract shall be _____ dollars and cents () subject to additions and deductions provided therein.

- 1.4 Duration of Contract:** The Contractor shall commence work after receipt of Notice to Proceed, follow the schedule specified in the contract documents, and all work must be completed within one hundred twenty (120) consecutive calendar days, as indicated in the Specifications, from the date of the Notice to Proceed unless sooner terminated pursuant to the General Conditions. Upon expiration of the original Contract term, the Contract, at the Owner's sole discretion, may be extended for a period determined by the Owner.

- 1.5 Liquidated Damages:** Timely performance and completion of the Work is essential to Owner and time limits stated in the Contract Documents are of the essence. If Completion of the Work does not occur within the Contract Time, the Contractor agrees that Liquidated Damages in the amounts stated in the Bid Documents will be assessed for each calendar day that the Contractor exceeds the time for completion.

The individuals signing this Contract warrant and represent for themselves and for their respective organizations that they are duly authorized to sign this Contract and that upon such signing their respective organizations are bound thereby.

DATED this _____ day of _____, 2022

Contractor

Owner

President/Owner

Dan Watson
Deputy Executive Director
KCHA

KIRKLAND HEIGHTS
BUILDING 8
RENOVATION

Agreement to Pay Prevailing Wages

Contractor certifies that all workers, laborers, or mechanics employed in the performance of any part of the Work shall be paid the prevailing rate of wages to in accordance with the requirements of the Owner and the Wage Rate Schedule.
Form must be filed with the Owner prior to commencement of Work.

Company Details

Company Name:	
Address:	
Contractor Registration No.	
WA UBI Number	
Phone Number	
Industrial Insurance Account ID	
Email Address	
Filed By	

Prime Contractor

Company Name	
Contractor Registration No.	
WA UBI Number	
Phone Number	

Project Information

Contract Number	AM2200131
Project Name	Kirkland Heights Building 8 Renovations
Contract Amount	
Project Site Address	13319 NE 133rd St. Kirkland, WA 98034

Intent Details

Expected project start date: (MM-DD-YYYY)	
Does your company intend to hire ANY subcontractors?	
Will your company have employees perform work on this project?	
Do you intend to use any apprentices? (Apprentices are considered employees.)	

Journey Level Wages

County	Trade	Wage	Fringe	# Workers

Apprentice Level Wages

Step	Trade	Wage %	Wage	Fringe	# Workers

Signature: _____

Print
Name: _____

Date: _____

KIRKLAND HEIGHTS BUILDING 8
RENOVATION

Kirkland, WA 98034

Affidavit of Wages Paid

Contractor certifies that all workers, laborers, or mechanics employed in the performance of any part of the Work have been paid the prevailing rate of wages to in accordance with the requirements of the Owner and the Wage Rate Schedule.
Form must be filed with the Owner prior to Final Acceptance.

Company Details

Company Name:	
Address:	
Contractor Registration No.	
WA UBI Number	
Phone Number	
Industrial Insurance Account ID	
Email Address	
Filed By	

Project Information

Contract Number	AM2200131
Project Name	KIRKLAND HEIGHTS BUILDING 8 RENOVATION
Project Site Address	13319 NE 133rd St. Kirkland, WA 98034
Prime Contractor Name	
Prime Contractor Registration No.	
Prime Contractor Phone Number	
Dollar Amount of Your Contract:	
Job Start Date: MM-DD-YYYY	
Date Work Completed: MM-DD-YYYY	

Project Completion

Did your company hire any subcontractors?	
Did your company have employees perform work on this project?	
Did you use any apprentices on this job? (Apprentices are considered employees.)	

Project Subcontractors

Company Name	Primary Contact	Phone	UBI

Journey Level Wages

County	Trade	Wage	Fringe	# of Workers

Apprentice Level Wages

County	Trade	Wage %	Wage	Fringe	# of Workers

Signature: _____

Print Name: _____

Date: _____

CERTIFICATE OF INSURANCE							DATE(MM/DD/YY)			
							Issue Date			
PRODUCER Vendor's Insurance Agent Street Address City, State, Zip Phone Number				THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.						
				COMPANIES AFFORDING COVERAGE						
INSURED Vendor Name Street Address City, State, Zip				COMPANY A	ABC Insurance Company					
				COMPANY B	DEF Insurance Company					
				COMPANY C	GHI Insurance Company					
				COMPANY D						
COVERAGES										
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH REPSECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.										
CO LTR	TYPE OF INSURANCE		POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS				
A	GENERAL LIABILITY		XXX123	01/01/00	01/01/01	GENERAL AGGREGATE		2,000,000		
	<input checked="" type="checkbox"/>	COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OP AGG		1,000,000		
	<input type="checkbox"/>	CLAIMS MADE				<input checked="" type="checkbox"/>	OCCUR	PERSONAL & ADV INJURY		1,000,000
	<input type="checkbox"/>	OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE		1,000,000		
	<input type="checkbox"/>					FIRE DAMAGE (Any one fire)		50,000		
	<input type="checkbox"/>					MED EXP (Any one person)		5,000		
	<input type="checkbox"/>									
B	AUTOMOBILE LIABILITY		XXX456	01/01/00	01/01/01	COMBINED SINGLE LIMIT		1,000,000		
	<input checked="" type="checkbox"/>	ANY AUTO				BODILY INJURY (Per person)				
	<input type="checkbox"/>	ALL OWNED AUTOS				BODILY INJURY (Per accident)				
	<input type="checkbox"/>	SCHEDULED AUTOS				PROPERTY DAMAGE				
	<input checked="" type="checkbox"/>	HIRED AUTOS								
	<input type="checkbox"/>	NON-OWNED AUTOS								
	<input type="checkbox"/>									
	GARAGE LIABILITY					AUTO ONLY-EA ACCIDENT				
	<input type="checkbox"/>	ANY AUTO				OTHER THAN AUTO ONLY:				
	<input type="checkbox"/>					EACH ACCIDENT				
	<input type="checkbox"/>					AGGREGATE				
	EXCESS LIABILITY					EACH OCCURRENCE				
	<input type="checkbox"/>	UMBRELLA FORM				AGGREGATE				
	<input type="checkbox"/>	OTHER THAN UMBRELLA FORM								
	<input type="checkbox"/>									
C	WORKERS' COMPENSATION AND EMPLOYER'S LIABILITY		XXX789	01/01/00	01/01/01	<input checked="" type="checkbox"/>	STATUTORY LIMITS			
	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL					EACH ACCIDENT		1,000,000		
						DISEASE-POLICY LIMIT		1,000,000		
								DISEASE-EACH EMPLOYEE		1,000,000
	OTHER									
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS										
King County Housing Authority is named as additional insureds with respect to above general liability and auto coverages. Re: Insured's work/services provided at Kirkland Heights Apartments 13319 NE 133rd St., Kirkland, WA 98034.										
CERTIFICATE HOLDER King County Housing Authority 600 Andover Park West Seattle, WA 98188-3326				CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.						
ACORD 25-S (3/93)				AUTHORIZED REPRESENTATIVE Signature of Insured's Agent						
				ACORD CORPORATION 1993						

PROVIDE

GENERAL LIABILITY
ENDORSEMENT

and

AUTO LIABILITY
ENDORSEMENT

SECTION 01 10 00

SUMMARY

PART 1 GENERAL

1.1 CONTRACT DESCRIPTION:

- A. The Project site is a single, developed lot in Kirkland, Washington with twenty-five existing wood-framed apartment buildings with 179 residential units, one existing office building, and two existing utility buildings as illustrated on the drawings identified as bidding and/or construction drawings. The renovation scope will focus on Building 8 and surrounding site improvements as identified in the drawings. Renovation scope includes:
1. Sitework including pavement and utility/drainage;
 2. Installation of a new retaining wall;
 3. Building envelope improvements consisting of a ventilated rain screen system, fire stopping, insulation board, weather resistive barrier, fiber cement board siding, trim and vinyl windows;
 4. Third story addition including roof removal and replacement;
 5. Utility room additions;
 6. Replacement of all interior fixtures and finishes including, cabinets, countertops, flooring, painting, plumbing, HVAC, and electrical;
 7. Framing and GWB at new wall locations on drawings. GWB replacement throughout. GWB texturing to achieve consistent finish;
 8. New concrete patio slab and wood framed balconies;
 9. New landings, stairs, and railings at unit entries;
 10. New concrete to enlarge footings at the existing foundations;
 11. Asbestos abatement.
- B. The Owner has established sustainability goals for this project, but will not be pursuing certification. Refer to Section 01 81 15 for Evergreen Sustainable Development Standards v.4.0. This Section contains specific information and requirements for compliance.
- C. Project Location: Kirkland Heights Apartments (Building 8 Address), 13321 NE 133rd St., Kirkland, WA 98034.
- D. Perform Work of Contract under a stipulated sum amount contract with Owner in accordance with Conditions of Contract.
- E. First-class workmanship is expected; that is not intended to demand "deluxe" work, but only to guard against and prevent poor workmanship.
1. Before installing any item or material, verify that receiving surfaces are plumb, level, true to line, and straight to the degree necessary to achieve tolerances specified or required. Perform without extra cost all shimming, blocking, grinding, or patching required to make such surfaces plumb, level, true to line, and straight.
 2. Take care in attention to details and fitting at intersections and junctures of materials. All joints are to be tight, straight, even, and smooth.

1.2 WORK SEQUENCE

- A. The Work shall be completed in 120 calendar days commencing on March 21, 2022.

1.3 WORK BY OWNER

- A. Items noted "By Owner" on the drawings.
- B. Fixtures, furniture, and equipment (FFE) unless identified on the drawings.

1.4 WORK UNDER OTHER CONTRACTS

- A. Separate Contract: Owner may award a separate contract for performance of certain construction operations at Project site. Those operations may be conducted simultaneously with work under this Contract.
- B. Cooperate fully with separate contractors so work on those contracts may be carried out smoothly, without interfering with or delaying work under this Contract

1.5 OWNER SUPPLIED PRODUCTS

- A. Products furnished to site and installed "by Owner", and items furnished by Owner for installation by Contractor (FOIC) will be identified within these Contract Documents, or by addendum during the bid period, or by change proposal and change order after the signing of the Contract for Construction.
- B. Owner's Responsibilities:
 - 1. Arrange for and deliver Owner-reviewed Shop Drawings, Product Data, and Samples, to Contractor.
 - 2. Arrange and pay for delivery to site.
 - 3. On delivery, inspect products jointly with Contractor.
 - 4. Submit claims for transportation damage and replace damaged, defective, or deficient items.
 - 5. Arrange for manufacturers' warranties, inspections, and service.
- C. Contractor's Responsibilities:
 - 1. Review Owner-reviewed Shop Drawings, Product Data, and Samples.
 - 2. Receive and unload products at site; inspect for completeness or damage jointly with Owner.
 - 3. Handle, store, install and finish products.
 - 4. Repair or replace items damaged after receipt.

1.6 CONTRACTOR'S USE OF SITE AND PREMISES

- A. Construction Operations: Public rights-of-way beyond the property boundaries are not controlled by the Owner and, with the exception of specific work outside the property boundaries indicated on the drawings, may be used for construction purposes only if arranged by the Contractor.
- B. Use of Existing Building: Repair damage caused by construction operations. Protect property, the buildings, and occupants during construction period.
- C. Parking Policy: Contractor shall request construction related parking and Owner will review and monitor onsite parking to minimize impact to remaining residents.

As work requirements change the parking and lay down areas will be reevaluated and adjusted as needed.

- D. Access Routes and Laydown/Staging Areas: Contractor shall coordinate location of all access routes and laydown/staging areas with Owner. Keep driveways and entrances serving premises clear and available to residents and emergency vehicles at all times. Do not use these areas for parking or storage of materials.
- E. Utility Outages and Shutdown: To the extent that privately-owned adjacent properties are served by public utility companies, coordinate planned outages with those utility companies.
- F. Cleanup: Construction materials and areas shall be fenced off and secured at the end of each day. Debris shall be removed daily.

1.7 LIQUIDATED DAMAGES

- A. Liquidated damages will be assessed for each calendar day that the Contractor exceeds the time for substantial completion in the amount of \$2,000.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 20 00
PRICE AND PAYMENT PROCEDURES

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 SECTION INCLUDES
 - A. Cash allowances.
 - B. Contingency allowances.
 - C. Schedule of values.
 - D. Defect assessment.
 - E. Unit prices.
 - F. Alternates.
- 1.3 ALLOWANCES:
 - A. Window framing – see Unit Pricing
 - B. Door framing – see Unit Pricing
- 1.4 SCHEDULE OF VALUES
 - A. Submit printed schedule on AIA Form G703 - Continuation Sheet for G702, or approved standard form, or approved electronic media printout.
 - B. Submit Schedule of Values at least seven (7) calendar days prior to signing of contract. Submit together with list of Sub-Contractors and materials suppliers.
 - C. Format:
 - 1. Identify each line item with number and title of respective major specifications section.
 - 2. Include in each item a directly proportionate amount of Contractor's overhead and profit.
 - 3. For items on which progress payments will be requested for stored materials, break down the cost into the cost of materials, delivered and unloaded, with taxes and the like paid, and indicate total installed value.
 - 4. Round off figures to nearest dollar amount.
 - 5. Make sum of total scheduled costs equal to contract sum.
 - D. Include in schedule a line for each Allowance specified in this section.
 - E. Include as a separate line item, the total amount of Contractor's overhead and profit.
 - F. Revise schedule to list approved Change Orders, with each Application for Payment.
- 1.5 DEFECT ASSESSMENT
 - A. Replace the Work, or portions of the Work, not conforming to specified requirements.
 - B. If, in the opinion of the Owner, it is not practical to remove and replace the Work, the Owner will direct appropriate remedy and/or adjustment of payment.

- C. Individual specification sections may modify these options.
- D. After consultation with the Architect, the decision by the Owner to assess defects and identify payment adjustments is final.
- E. Non-Payment For Rejected Products: Payment will not be made for rejected products for any of the following:
 - 1. Products wasted or disposed of in a manner that is not acceptable.
 - 2. Products determined as unacceptable before or after placement.
 - 3. Products not completely unloaded from transporting vehicle.
 - 4. Products placed beyond lines and levels of required Work.
 - 5. Products remaining on hand after completion of the Work.
 - 6. Loading, hauling, and disposing of rejected products.

1.6 UNIT PRICES

Authority: Measurement methods are delineated in individual specification sections.

- A. Take measurements and compute quantities. Architect will verify measurements and quantities.
- B. Unit Quantities: Quantities and measurements indicated in Bid Form are for contract purposes only. Quantities and measurements supplied or placed in the Work shall determine payment. Actual quantities provided shall determine payment. When actual Work requires more or fewer quantities than those quantities indicated, provide required quantities at unit prices contracted
- C. It is hereby established that these unit prices shall not apply to work which the Contractor may elect to do or not to do, for the sake of its own convenience, nor shall they apply to work to be performed in order to correct errors committed by the Contractor.
- D. The owner reserves the right to accept or reject any Unit Prices during the term of the Contract. If the Owner rejects a Unit Price, then the Contractor shall be required to submit to the Owner a breakdown of costs for the activity covered by the Unit Price. The Owner then shall make a determination as to what costs are allowable.
- E. These prices are for use in Change Orders for unforeseen conditions.
- F. All unit prices shall be valid and in force during the life of this phase of construction and shall be reconciled with the total construction cost in accordance with The General Conditions before filing a Notice of Completion.
- G. Enter amounts for unit prices in Bid Form for either additive or deductive amounts in the spaces provided. Do not include WA Retail Sales Tax.
- H. Payment Includes: Full compensation for required labor, products, tools, equipment, plant and facilities, transportation, services and incidentals; erection, application or installation of item of the Work; overhead and profit.
- I. Final payment for Work governed by unit prices will be made on basis of actual measurements and quantities accepted by Architect multiplied by unit price for Work incorporated in or made necessary by the Work.
- J. Unit Price (Additive/Deductive) Schedule:
 - 1. Unit Price No. 1 – Framing at Windows

- a. Unit of measure – Each (EA)
 - b. Base bid to include the replacement of wood framing at existing window openings to receive new windows at 28 openings. Replacement framing to be used for unforeseen deteriorated shall include the pair of king studs and the header. Framing and sills below windows to be included.
 - c. If, on inspection, the quantity required is reduced by the Owner, the Unit Price will be used as a deductive.
 - d. In the event that further repair is required the Unit Price will be used as an additive.
2. Unit Price No. 2 – Framing at exterior Sliding Doors
- a. Unit of measure – Each (EA)
 - b. Base bid to include the replacement of wood framing at existing sliding door openings to receive new door at 16 openings. Replacement framing to be used for unforeseen deteriorated shall include the pair of king studs and the header.
 - c. If, on inspection, the quantity required is reduced by the Owner, the Unit Price will be used as a deductive.
 - d. In the event that further repair is required the Unit Price will be used as an additive.

1.7 ALTERNATES

- A. Refer to the bid packet by King County Housing Authority that accompanies this Project Manual for additional information related to Alternate Bids.
- B. Coordinate related work and modify surrounding work. Coordinate related requirements specified in other parts of the Project Manual.
- C. State in your bid proposal the amount to be added to, or deducted from, the Base Contract for all following required work (as applicable). Include necessary adjustment costs in work of all trades.
- D. Schedule of Alternates: Refer to attached list at end of specification section.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

KIRKLAND HEIGHTS APARTMENTS – SCOPE OF WORK

Rehabilitation of Existing Buildings – Base Bid

Site Work

- Complete site work, grading, parking, retainer walls, and other civil scope as shown on the drawings

Structural

- Roof
 - Remove mansard roof form at exterior
 - Remove existing roof trusses
 - Provide new premanufactured roof trusses as shown drawings
- General Interior Framing Repairs
 - Replace overcut or overdrilled studs
 - Replace rotten floor sheathing and any subsequently rotten floor joists as required in the bathrooms
- Re-level Second Level Floors
 - Remove cracked concrete topping
 - Replace sheathing with new $\frac{3}{4}$ " CDX sheathing
 - Re-level floor and replace existing built-up beam over open areas with new Glulam beam. Add up to 1" gypcrete topping over joist spans less than 14'-0". Longer spans will require sistering or adding additional joists
 - HSS 3x3x1/4 columns shown at first floor shear wall ends may ne (4) 2x4 stud packs where no third floor is added
- Exterior
 - Sheathing
 - Remove all siding, exterior trim and gypsum sheathing and replace with new
 - Provide shear walls, holdowns, and anchors on the first and second floors as shown on the plans
 - Exterior Decks, Entry Stairs, Guardrails, and Handrails
 - Remove and replace decks, rails and stairs on first and second floor as shown on the drawings
 - Remove and replace existing concrete patios as shown on the drawings

Building Envelope

Insulation

- Batt insulation at walls (R-15 minimum)
- 2" continuous rigid insulation at exterior walls (R-7.5 minimum)
- Blown-in cellulose insulation at attics (R-49 minimum)

Siding

- Replace with fiber cement lap siding and fiber cement trim over borate treated wood furring strips with rain screen details.

Doors and Windows

- Remove and replace existing doors with fiberglass doors
- Remove and replace existing windows with vinyl windows

Roof

- Asphalt shingle roof with closed valleys as shown on drawings
- Install new fascia gutters and downspouts

Plumbing

- Replace water main line to street main, new shut off for building and isolation shut off for each unit
- Replace all water distribution lines
- Replace all water heaters with heat pump water heaters per R406.3
- Install supply and exhaust duct to/from water heater. Provide manufacture wall caps
- Provide floor drain in closet near water heater for drains
- Provide separate waste routing with backwater valve, as required per code
- Install earthquake strapping and drain pans at water heaters
- Replace all waste piping. Install cleanouts
- Replace all vent piping
- Replace all unit plumbing fixtures
- Replace existing hose bibbs
- Install fire sprinklers per NFPA 13R. Building to receive a riser room addition as shown on drawings
- Install separate 2" fire line to fire/water service room. Double check assembly and fire riser to be housed in fire/water service room.

Electrical

- Relocate electrical & telco utility infrastructure/service feeders for civil site work
- Provide new utility service connections to building (electrical and telco)
- Replace main electrical service equipment and meters at each building
- Replace all in-unit electrical panels
- Demolish existing secondary service cables from, PSE transformer. Replace with new feeders sized to accommodate new full building loads

- Rewire all units. Provide new power receptacles at all units as required per code
- Replace all unit and exterior lighting including new circuitry and automatic controls for exterior fixtures
- Provide additional exterior lights with emergency power source (EM Inverter) at breezeways and stairs as needed to meet proper egress illumination
- Provide new smoke and carbon monoxide detectors with hard-wired, interconnected devices in all apartment units

Heat, Ventilation, and Air Conditioning (HVAC)

- Remove existing baseboard heaters. Install new cove heaters
- Replace existing thermostats
- Remove existing heat lamps at bathrooms
- Install energy recovery ventilators and distribute fresh air to each habitable space. Exhaust bathroom and kitchens. Route in soffits and joist bays
- Replace/add new range hood ductwork to exterior termination

Interior Finishes Improvements

Unit Interiors

- Abate and remove all interior finishes including drywall
- Replace drywall, new paint throughout
- Provide new casework at kitchens and bathrooms
- Replace all interior doors with solid core, 6-panel, molded composite doors with wood frame
- Replace all trim with wood
- Replace closet shelving
- Provide LVT and rubber base throughout entry, kitchen, living and bedroom areas at all units. Provide carpet with rubber base in bedrooms at Level 2 units in lieu of LVT
- Provide sheet vinyl and rubber base at bathrooms and water heater closets
- Provide new appliances
- Type A Accessible Units:
 - Install accessible plumbing fixtures and associated grab bars
 - Provide accessible appliances

Third Story Addition – Additive Alternate

Site Work

- Complete site work, grading, parking, retainer walls, and other civil scope as shown on the drawings

Structural

- Complete basic items from rehabilitation scope except:
 - Replacement of exterior sheathing

Third Floor Framing

- Provide new 11-7/8" TJI joists and 3/4" sheathing with 1" maximum gypsum concrete topping

Roof

- Complete basic items from rehabilitation scope

Exterior Walls

- Provide new mid-height blocking in between first floor studs
- Replace all exterior wall sheathing
- Add shear wall segments in between existing windows including new holddowns
- Anchor all exterior wall sill plates with Titen HD anchors at 6'-0" on center or less

Footings

- Provide 12" wide x 10" thick minimum footing extensions to the outside edge of existing footings. Footing extensions shall occur at exterior bearing walls (perpendicular framing) only. Use #5 dowels at 16" o.c., drilled and epoxied 8" into the concrete.
- Assume an average footing depth of 36".

Exterior Entry Stairs and Handrails

- New exterior stair structure to extend to third floor. Refer to rehabilitation scope for materials.

Exterior Decks and Guardrails

- Provide new decks at third floor units. Refer to rehabilitation scope for materials.

Building Envelope

- Complete basic items from rehabilitation scope

Roofing

- Complete basic items from rehabilitation scope

Plumbing

- Complete basic items from rehabilitation scope
- Increase water main to the buildings. Assume a 2" lateral line to fire/water service room with a separate 2" fire line.

Electrical

- Complete basic items from rehabilitation scope
- Demolish existing secondary service cables from, PSE transformer. Replace with new feeders sized to accommodate new full building loads

HVAC

- Complete basic items from rehabilitation scope

Interior Finishes

- Complete basic items from rehabilitation scope

SECTION 01 25 13
PRODUCT SUBSTITUTION PROCEDURES

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 WORK INCLUDED: Coordinate related requirements specified in other parts of the Project Manual.
- 1.3 PRODUCTS: Product selection shall comply with Section 01 60 00, Product Requirements.
- 1.4 SUBSTITUTIONS:
 - A. During the bidding period or prior to the date a Contract is signed, submit written requests to Owner for substitutions.
 1. Submit by email with attachments, covered by Substitution Request Form attached to this Section. Complete all blank lines indicated on the form.
 2. Submit ten calendar days, minimum, prior to scheduled bid date.
 3. Owner will consider regarding the requested substitution and will reply in writing in the space indicated on the bottom of the submitted form.
 - B. After contract date, the Architect, General Contractor and Owner may, at their option, consider certain other substitutions submitted in accordance with requirements of this section. However, unless a product has prior approval, a substitution request made after contract date for a product may be denied even though that product is used as the basis of the bid and contract.
 - C. Indicate one or more of following reasons for request:
 1. Substitution is required for compliance with final code interpretation requirements or insurance regulation.
 2. Specified product is unavailable through no fault of Contractor, subcontractor or supplier.
 3. Subsequent information discloses specified product is unable to perform properly or fit designated space.
 4. Manufacturer or fabricator refuses to certify or guarantee performance of specified product as required.
 5. Substitution saves substantial cost, time, or other considerations. (Show accurate cost data on proposed substitution in comparison with product or method specified.)
 - D. In making request for substitution, Contractor represents that:
 1. It has personally investigated proposed product and, in its opinion, it is equal or superior in all respects to that specified.
 2. It will coordinate installation of accepted substitution and guarantees to complete it in all respects. It has outlined any changes required in accordance with form.
 3. It will provide the same guarantee for substitution as for specified product.

4. It waives all claims for additional costs related to substitution which consequently become apparent.
 5. Cost data is complete and includes all related costs under its contract, but excludes:
 - a. Cost under separate contracts (show impact on attached form).
 - b. Design consultant's redesign, unless designated.
 6. It will comply with guidelines set forth in Evergreen Sustainable Development Standards (01 81 15).
- E. Substitutions will not be considered if:
1. They are indicated or implied on shop drawings or other project data submittals without proper notice shown on attached form.
 2. Acceptance will require substantial revisions of contract documents.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SUBSTITUTION REQUEST FORM

PROJECT NAME: Kirkland Heights Apartments Building 8 Renovation

To OWNER:

From CONTRACTOR: (firm name and contact person)

We hereby submit for consideration the following product instead of the specified item for the above project:

<u>Section</u>	<u>Paragraph</u>	<u>Specified Item</u>

Proposed substitution:

Attachments: (If not applicable, write n/a in space provided at right of each number)

- No. 1: ☐ Complete product data/01 33 00.
No. 2: ☐ Drawings showing dimensional and/or other changes to drawings/01 33 00.
No. 3: ☐ Complete description of all installation changes.
No. 4: ☐ Complete description of all changes to Drawings and Specifications.
No. 5: ☐ Description of effect on other trades, other Contracts, and Contract completion date.
No. 6: ☐ List of differences between proposed and specified items.
No. 7: ☐ List of names and addresses of three similar projects on which product was used, date of installation, and Architect's name and address.
No. 8: ☐ Cost impact.
No. 9: ☐ Sustainable requirements:
 VOC Level: _____ Green Label Certified: _____
 Green Seal Certified: _____ CRI label: _____
 Recycled Content, Post Consumer: ____ Post Industrial: _____
 Manuf./Fabricator radius: _____ Harvested/Extracted radius: ____
 Other: _____

Undersigned attests that the function and quality are equivalent or superior to specified item.

Submitted by: (Person and Firm) _____

Date: _____ Phone: _____ Signature: _____

Action: *Accepted* *Accepted as Noted* *Not Accepted*

By: _____ Date: _____

Remarks:

SECTION 01 26 00

CONTRACT MODIFICATION PROCEDURES (CHANGE ORDERS)

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 WORK INCLUDED: Coordinate related requirements specified in other parts of the project manual, including but not limited to following:
 - A. General Conditions.
 - B. Section 01 29 76 — Progress Payment Procedures.
 - C. Section 01 20 00 — Schedule of Values.
 - D. Section 01 25 13 — Substitutions and Product Options.
 - E. Section 01 78 39 — Project Record Documents.
- 1.3 DESCRIPTION
 - A. Promptly implement procedures. Provide full written data required to evaluate changes. Maintain detailed records of work done on a time-and-material/force account basis. Document each quotation for a change in cost or time with sufficient data to allow evaluation.
 - B. Designate in writing the names of authorized members of Contractor's organization who accept changes in the work and are responsible for informing other workers of the authorized changes.
 - C. Contractor agrees; Architect approves; Owner authorizes.
 - D. The Contractor shall provide a detailed cost estimate for the proposed change. This cost estimate must include full documentation for all costs including all subcontractor and lower tier subcontractor costs. All cost estimates must be signed and dated including all subcontractor and lower tier subcontractor cost estimates.
 - E. The General Contractor, Subcontractors, and Material Suppliers are entitled to a maximum of combined overhead and profit for Change Order work performed by the General Contractor in the amount stated in the Owner-Contractor Agreement. Overhead is considered to be all costs attributed to the change with the exception of direct labor, material costs and equipment rental.
 - F. Additive or Deductive changes:
Include direct labor costs including foremen, direct costs of materials and equipment to be entered into or omitted from the work, ownership or rental costs of any equipment during the time of use for the period of the change, insurance, social security, old age and unemployment contributions, industrial insurance, direct contributions to labor as fringe benefits.
- 1.4 DEFINITIONS
Change Order: See General Conditions.

1.5 INITIATION OF CHANGES

- A. Contractor, Architect or Owner may initiate changes. The Contractor will issue a Contract Change Proposal (CCP) form – or other similar form, as agreed to by all parties - with lines for signatures of the Owner, Contractor, and Architect. The CCP form will include:
 - 1. Tracking number and title.
 - 2. Description of proposed changes.
 - 3. Subtotal of costs associated with the change, plus additional costs for overhead and profit, liability insurance, B&O tax, bonds, and a grand total.
 - 3. Effect on contract sum and contract time.
 - 4. Attached documentation supporting any change in contract sum or contract time, as appropriate.
- B. In submitting a CCP form the Contractor agrees to the following:
 - 1. The referenced change and work affected thereby are subject to all contract stipulations.
 - 2. The rights of the Owner are not prejudiced.
 - 3. All claims against the Owner that are incidental to, or as a consequence of the change, are satisfied.
- C. Each CCP is listed in order of the tracking number in the Contractor's CCP log, and the log distributed at each regular meeting to the Owner and Architect. The CCP log will keep a running total of all CCPs, whether finalized or in the process of being finalized.
- D. In situations where time is of the essence or an emergency condition exists, the Architect and Owner's representative may directly order a change to the work without a previous request for a price quote on written field directive signed by Architect and Owner's representative.
- E. Support each claim for additional costs, and for work done on a time and material/force account basis, with additional information:
 - 1. Origin and date of claim.
 - 2. Dates and times work was performed, and by whom.
 - 3. Time records and wage rates paid.
 - 4. Invoices and receipts for products, equipment, and subcontracts, similarly documented.

1.6 CONSTRUCTION AUTHORIZATION

- A. The Owner, upon receiving a recommendation from the Architect, will authorize the performance of the changes specified. The signed CCP constitutes authority to proceed with the changed work. A formal change order in the amount of the work will follow. Billings for the changed work cannot be honored until the issuance of the formal change order.
- B. Owner's acceptance signature and corresponding date are required for Contractor to proceed with a change of subsequent inclusion in change order.
- C. If either the Architect or Owner disapproves proposal, he/she will also state reason for disapproval, indicating if a revised proposal is requested or if the proposal is to be canceled, by separate correspondence.

1.7 DOCUMENTATION OF PROPOSALS AND CLAIMS

- A. Support each lump-sum proposal quotation, and each unit price (not previously established) with sufficient substantiating data.
- B. Provide additional data to support time and cost computations with all requests for changes including:
 - 1. Labor required.
 - 2. Equipment required.
 - 3. Products required.
 - a. Recommended source of purchase and unit cost.
 - b. Quantities required.
 - 4. Taxes, insurance, and bonds.
 - 5. Documented credit for work deleted from contract.
 - 6. Overhead and profit, for additive Change Orders only
 - 7. Justification for any change in contract time.
- C. Changes submitted by subcontractors and suppliers must be in writing, signed and dated, to receive consideration.

1.8 PREPARATION OF CHANGE ORDERS

- A. The Contractor will prepare change orders.
- B. Form of change order: AIA Document G 701.
- C. Change Order lists and describes previously approved CCPs with additions and deletions, and attachments of revised contract documents to define change details.
- D. Change order provides accounting of any contract sum and contract time adjustment.
- E. Stipulated Sum Change Order: Based on proposal request and Contractor's fixed maximum price quotation.
- F. Unit Price Change Order:
 - 1. For predetermined unit prices and quantities, the change order will be executed on a fixed unit price basis.
 - 2. For unit costs or quantities of units in work which are not predetermined, execute work under a Contractor change directive.
 - 3. Changes in contract sum or contract time will be computed as specified for time and material/force account change order.
- G. Time and Material/Force Account Change Order:
 - 1. Submit itemized account and support data after completion of change, within time limits indicated in the conditions of the contract.
 - 2. Architect will determine the change allowable in contract sum and contract time as provided in the contract documents.
 - 3. Maintain detailed records of work done on time and material/force account basis.
 - 4. Provide full information required for evaluation of proposed changes, and substantive costs for changes in the work.

1.9 CHANGE ORDER EXECUTION PROCEDURE

- A. Content of change orders will be based on completion of CCP forms and field directives including Owner's approval.

- B. Change orders will be prepared monthly prior to progress payment submittal or at such intervals as the Contractor deems most practical.
- C. The Contractor submits three original Change Orders to the Architect, signed and dated. The Architect reviews, signs and dates and forwards all copies to the Owner for final approval.
- D. Upon signature and acceptance by the Owner, the change order becomes part of the contract documents, and alters the contract time and cost as needed. Copies with original signatures are returned to the Contractor and Architect.

1.10 CORRELATION WITH CONTRACTOR'S SUBMITTALS

- A. Contractor to revise request for payment forms to record each change as a separate item of work. Record adjusted contract sums.
- B. Periodically revise construction schedule reflecting each change in contract time. Revise sub-schedules to show changes for other items of work affected by changes.
- C. Upon completion of work under change order, enter pertinent changes in record documents.

1.11 DISTRIBUTION

- A. Send copies to all concerned parties.
 - 1. Change orders: Upon authorization, Owner transmits one signed copy each to Contractor and Architect.
 - 2. CCP: After signing, attached to Change Orders.
- B. Standard Reference Documents:
 - 1. Change order: AIA G701.
 - 2. Contract Change Proposal (CCP): Contractor's standard form.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 29 76
PROGRESS PAYMENT PROCEDURES

PART 1 GENERAL

1.1 GENERAL REQUIREMENTS

Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.

1.2 RELATED REQUIREMENTS

Coordinate related work specified in other parts of the project manual, including but not limited to the following:

- A. Section 01 33 00 — Submittals.
- B. Section 01 77 00 — Contract Closeout.

1.3 SCHEDULE OF VALUES

- A. Coordination: Coordinate preparation of the Schedule of Values with preparation of Contractor's Construction Schedule.
 - 1. Submit preliminary Schedule of Values at request of Owner after bid opening and prior to contract execution.
 - 2. Submit the Schedule of Values to Owner at earliest possible date but no later than seven days before the date scheduled for submittal of initial Applications for Payment.
- B. Format and Content: Use the Project Manual table of contents as a guide to establish line items for the Schedule of Values.
 - 1. Identification: Include the following Project identification on the Schedule of Values:
 - a. Project name and location.
 - b. Contractor's name and address.
 - c. Date of submittal.
 - 2. Arrange the Schedule of Values in tabular form with separate columns to indicate the following for each item listed:
 - a. Related Specification Section or Division.
 - b. Description of the Work.
 - c. Name of subcontractor.
 - d. Name of manufacturer or fabricator.
 - e. Name of supplier.
 - f. Change Orders (numbers) that affect value.
 - g. Dollar value.
 - h. Retail sales tax shall be included as a single line.
 - 3. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation of Applications for Payment and progress reports. Coordinate with the Project Manual table of contents. Provide several line items for principal subcontract amounts, where appropriate.
 - 4. Each item in the Schedule of Values and Applications for Payment shall be complete. Include total cost and proportionate share of general overhead and profit for each item.

- a. Temporary facilities and other major cost items that are not direct cost of actual work-in-place may be shown either as separate line items in the Schedule of Values or distributed as general overhead expense, at Contractor's option.
- 5. Schedule Updating: Update and resubmit the Schedule of Values before the next Applications for Payment when Change Orders or Construction Change Directives result in a change in the Contract Sum

1.4 FORMAT

Contractor shall request payment monthly, completing and submitting to Owner and Architect a completed AIA form G702 with line items typed on AIA continuation sheets, including entries and values established on approved Schedule of Values.

1.5 PREPARATION OF APPLICATIONS

- A. Each Application for Payment shall be consistent with the previous applications and payments as certified by the Owner.
- B. Complete all form entries including execution by person authorized to sign legal documents on behalf of the Owner and Contractor. Incomplete applications will be returned without action.
- C. All information to be typewritten or neatly printed. Round entries to the nearest dollar amount. If no work has been performed, enter "0".
- D. Use data from approved Schedule of Values and Contractor's Construction Progress Schedule. Submit updated progress schedules if revisions have been made. Provide dollar value in each column for each line item for portion of work performed and for stored products. Project work complete to the end of the month.
- E. Include Change Orders approved prior to Application submittal date. List at bottom of scheduled values, list by Change Order number and brief description with approved value. Do not change original schedule of values entries to reflect changes to the work.
- F. Sign by responsible officer/employee of Contractor's firm.
- G. Application for payment of materials stored off-site to comply with General Conditions Article 9.3.2.
- H. Upon request, provide current Record Documents in Section 01 70 00 for review by the Architect and/or Owner. Documents must be current as a prerequisite for the Owner to certify progress payments.
- I. Provide progress documentation and logs in binders at the jobsite office for documents specified in Sections 01 74 19 and 01 81 13.
- J. Lien releases will be required from the Contractor and each sub-Contractor and Supplier for the each payment application. Lien releases may be conditioned upon payment for the amount requested.
 - 1. Submit partial waivers on each item for amount requested, before deduction for retainage, on each item.
 - 2. When an application shows completion of an item, submit final or full waivers.
 - 3. Owner reserves the right to designate which entities involved in the Work must submit waivers.

1.6 SUBMITTAL PROCEDURES

- A. Submit a draft of the proposed pay application to the Owner at least one day prior to the site inspection meeting. The Architect, Owner and Contractor will review this draft in preparation for the final Application.
- B. Provide copies of each Application for Payment to the Owner as required at the draw inspection site meeting. All copies shall be completed including waivers of lien and attachments when required.
- C. Application Schedule: The date for each progress payment is the fifth day of each month for work completed in the previous month.

1.7 FINAL APPLICATION FOR PAYMENT

- A. Administrative actions and submittals which must precede or coincide with submittal of the final Application for payment include the following, as applicable:
 - 1. Occupancy and/or Final Permit signed off.
 - 2. Warranties/Guarantees and Maintenance Agreements.
 - 3. Records of Testing and Balancing.
 - 4. Maintenance Instructions.
 - 5. Meter Readings (water, power, gas).
 - 6. Start-up performance reports.
 - 7. Changeover information related to Owner's occupancy, use, operation and maintenance.
 - 8. Final Cleaning.
 - 9. Consent of surety.
 - 10. Advise on shifting insurance coverage to Owner.
 - 11. As-Built (record) Drawings and Specifications.
 - 12. Operation and Maintenance Manuals.
 - 13. All change order processing 100% complete.
 - 14. Release of all liens, or assurance satisfactory to the Owner that unsettled claims will be settled.
 - 15. Transmittal of required construction records to the Owner.
 - 16. Proof that taxes, fees and similar obligations have been paid.
 - 17. Removal of temporary facilities and services.
 - 18. Removal of surplus materials, rubbish and debris.
 - 19. Change from construction to permanent door locks.
 - 20. Commissioning activities performed and written report received.

1.8 REVIEW OF APPLICATION

- A. Submit one copies of each application, unless otherwise directed at first construction meeting.
- B. When Owner find the Application complete and acceptable, the Owner will certify it and submit for payment. If application is improperly or incorrectly executed, an annotated copy is returned to the Contractor for a new submittal.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 30 00
ADMINISTRATIVE REQUIREMENTS

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 SECTION INCLUDES
 - A. Coordination and project conditions.
 - B. Field engineering.
 - C. Preconstruction meeting.
 - D. Progress meetings.
 - E. Pre-installation meetings.
 - F. Cutting and patching. Amplify in accordance with Section 01 73 29.
 - G. Special procedures. Amplify in accordance with Section 01 73 29.
- 1.3 COORDINATION AND PROJECT CONDITIONS
 - A. Coordinate scheduling, submittals, and Work of various sections of Project Manual to ensure efficient and orderly sequence of installation of interdependent construction elements.
 - B. Verify utility requirements and characteristics of operating equipment are compatible with building utilities. Coordinate work of various sections having interdependent responsibilities for installing, connecting to, and placing in service, operating equipment.
 - C. Coordinate space requirements, supports, and installation of mechanical and electrical Work indicated diagrammatically on Drawings. Follow routing shown for pipes, ducts, and conduit, as closely as practicable; place runs parallel with lines of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.
 - D. In finished areas (except as otherwise indicated), conceal pipes, ducts, and wiring within construction. Coordinate locations of fixtures and outlets with finish elements.
 - E. Coordinate completion and clean-up of Work of separate sections in preparation for Substantial Completion.
 - F. After Owner occupancy of premises, coordinate access to site for correction of defective Work and Work not in accordance with Contract Documents, to minimize disruption of Owner's activities.
- 1.4 FIELD ENGINEERING
 - A. Employ Land Surveyor registered in State of Washington & acceptable to Owner.
 - B. Locate and protect survey control and reference points. Promptly notify Owner of discrepancies discovered.
 - C. Control datum for survey is that established by Owner-provided survey.
 - D. Verify setbacks and easements; confirm drawing dimensions and elevations.

- E. Provide field engineering services. Establish elevations, lines, and levels, utilizing recognized engineering survey practices.
- F. Maintain complete and accurate log of control and survey work as Work progresses.
- G. On completion of foundation walls and major site improvements, prepare certified survey illustrating dimensions, locations, angles, and elevations of construction and site work.
- H. Protect survey control points prior to starting site work; preserve permanent reference points during construction.
- I. Promptly report to Owner loss or destruction of reference point or relocation required because of changes in grades or other reasons.
- J. Replace dislocated survey control points based on original survey control. Make no changes without prior written notice to Owner

1.5 PRECONSTRUCTION MEETING

- A. Contractor to schedule meeting after issuance of Notice to Proceed.
- B. Attendance Required: Owner, Architect, and Contractor.
- C. Agenda:
 - 1. Execution of Owner-Contractor Agreement (unless completed prior to meeting).
 - 2. Submission of executed bonds and insurance certificates.
 - 3. Distribution of Contract Documents.
 - 4. Submission of list of Subcontractors, list of products, schedule of values, and progress schedule.
 - 5. Designation of personnel representing parties in Contract, and Architect/Engineers.
 - 6. Contractor's use of the premises.
 - 7. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
 - 8. Scheduling.
 - 9. Scheduling activities of Geotechnical Engineer (if appropriate for this project).
 - 10. Record documents.
 - 11. Construction facilities, controls, and construction aids.
 - 12. Temporary utilities.
 - 13. Security procedures.
 - 14. Other as needed.
- D. Contractor will record minutes and distribute copies after meeting to participants, and those affected by decisions made.
- E. A preconstruction meeting will be specifically required to review the Evergreen Sustainable Development Standards with the Contractor, Owner and Architect.

1.6 PROGRESS MEETINGS

- A. Scheduled regular weekly meetings will be arranged. At certain times meetings may be less frequent, as required and agreed.

- B. The Contractor will make arrangements for meetings, prepare agenda with copies for participants, record and distribute minutes, and preside at meetings. Leadership will be discussed between the parties and determined prior to the first progress meeting.
- C. Attendance Required: Contractor's Job superintendent and Project Manager, Owner's Representatives, Architect, and others as appropriate to agenda topics.
- D. Agenda:
 - 1. Review minutes of previous meetings.
 - 2. Review of Work progress.
 - 3. Field observations, problems, and decisions.
 - 4. Identification of problems impeding planned progress.
 - 5. Review RFIs, and status of RFIs.
 - 6. Review of submittals schedule and status of submittals.
 - 7. Review of off-site fabrication and delivery schedules.
 - 8. Maintenance of progress schedule.
 - 9. Corrective measures to regain projected schedules.
 - 10. Planned progress during succeeding work period.
 - 11. Coordination of projected progress.
 - 12. Progress/tracking of ESDS Checklist/Submittals.
 - 13. Maintenance of quality and work standards.
 - 14. Effect of proposed changes on progress schedule and coordination.
 - 15. Other business relating to Work.
- E. The status of Evergreen Sustainable Development Standards will be reviewed at each progress meeting.

1.7 PRE-INSTALLATION MEETINGS

- A. When required in individual specification sections, or by permitting authorities, convene pre-installation meetings at Project site prior to commencing work of specific section.
- B. Require attendance of parties directly affecting, or affected by, Work of specific section.
- C. Notify Owner seven days in advance of meeting date.
- D. Prepare agenda and preside at meeting:
 - 1. Review conditions of installation, preparation and installation procedures.
 - 2. Review coordination with related work.
- E. Contractor will record minutes and distribute copies after meeting to participants, and those affected by decisions made.
- F. A pre-insulation meeting will be scheduled with the Contractor, Subcontractor and Architect to review Evergreen Sustainability Development Standards.

PART 2 PRODUCTS (not applicable)

PART 3 EXECUTION (not applicable)

END OF SECTION

SECTION 01 32 16
CONSTRUCTION PROGRESS SCHEDULE

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 SECTION INCLUDES
 - A. References.
 - B. Quality assurance.
 - C. Format.
 - D. Schedules.
 - E. Submittals.
 - F. Review and evaluation.
 - G. Updating schedules.
 - H. Distribution.
- 1.3 REFERENCES
 - A. The Use of CPM in Construction - A Manual for General Contractors and the Construction Industry, Washington, D.C., The Associated General Contractors of America (AGC).
- 1.4 QUALITY ASSURANCE
 - A. Scheduler: Contractor's personnel specializing in CPM scheduling with two years minimum experience in scheduling construction work of complexity comparable to this Project and having use of computer facilities capable of delivering detailed graphic printout within 48 hours of request.
- 1.5 FORMAT
 - A. Listings: Reading from left to right, in ascending order for each activity. Identify each activity with applicable specification section number.
 - B. Diagram Sheet Size: 8 1/2" x 11" or 11" x 17". Sizes varying from this may be requested/approved by Owner/Architect.
 - C. Scale and Spacing: To allow for notations and revisions.
- 1.6 SCHEDULES
 - A. Illustrate order and interdependence of activities and sequence of work; how start of given activity depends on completion of preceding activities, and how completion of activity may restrain start of subsequent activities.
 - B. Illustrate complete sequence of construction by activity, identifying work of separate stages. Indicate dates for submittals, including dates for Owner furnished items, and return of submittals; dates for procurement and delivery of critical products; and dates for installation and provision for testing. Include legend for symbols and abbreviations used.
 - C. Coordinate contents with schedule of values in Section 01 33 00 - Submittal Procedures.

1.7 SUBMITTALS

- A. Within ten days after date established in Notice to Proceed, submit proposed preliminary network diagram defining planned operations for first 60 days of Work, with general outline for remainder of Work.
- B. Participate in review of preliminary and complete network diagrams jointly with Architect/Owner.
- C. Within twenty days after joint review of proposed preliminary network diagram, submit draft of proposed complete network diagram for review. Include written certification that mechanical and electrical Subcontractors have reviewed and accepted proposed schedule.
- D. Submit number of opaque reproductions Contractor requires, plus two, one each for Architect/Owner.

1.8 REVIEW AND EVALUATION

- A. Evaluate project status at each periodic construction meeting to determine work behind schedule and work ahead of schedule.

1.9 UPDATING SCHEDULES

- A. Maintain schedules to record actual start and finish dates of completed activities.
- B. Indicate progress of each activity to date of revision, with projected completion date of each activity. Update diagrams to graphically depict current status of Work.
- C. Identify activities modified since previous submittal, major changes in Work, and other identifiable changes.
- D. Indicate changes required to maintain Date of Total Completion.
- E. Provide 3-week short duration schedule at each progress meeting.

1.10 DISTRIBUTION

- A. Following joint review, distribute copies of updated schedules to Contractor's project site file, to Subcontractors, suppliers, Architect, and Owner.
- B. Instruct recipients to promptly report, in writing, problems anticipated by projections shown in schedules.

PART 2 PRODUCTS (not appropriate)

PART 3 EXECUTION (not appropriate)

END OF SECTION

SECTION 01 33 00
SUBMITTAL PROCEDURES

PART 1 GENERAL

1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.

1.2 SUBMITTAL PROCEDURES

- A. Form of submittal: In general, submittals on 8 1/2" x 11" format and black/white medium may be submitted by email attachment if file size is under 8 MB. If submittals are paperless, the Contractor shall attach a transmittal/cover sheet as detailed below.
- B. Coordinate, prepare, submit, and distribute returned material, all submittals as required in other sections of this Project Manual.
- C. Instructions to the General Contractor: All instructions will be given by the Owner or its authorized agents. No other instructions shall be recognized. Instructions will be made to General Contractor or its authorized agent (job superintendent) for distribution to subcontractors or trades people on the job. Subcontractors and material suppliers shall not contact Owner or Architect to discuss job.
- D. Transmit each submittal with Contractor's standard memo or transmittal form.
- E. Sequentially number transmittal forms. Mark revised submittals with original number and sequential alphabetic suffix. Alternate numbering system may, at Owner's option, be utilized. Contractor initiates numbering system.
- F. Identify Project, Contractor, subcontractor and supplier; pertinent drawing and detail number, and specification section number, appropriate to submittal.
- G. Apply Contractor's stamp, signed or initialed certifying that review, approval, verification of products required, field dimensions, adjacent construction Work, and coordination of information is in accordance with requirements of the Work and Contract Documents.
- H. Quantity: Deliver to Owner one copy of emailed submittals.
- I. Schedule submittals to expedite Project, and email to Owner.
- J. For each submittal for review, allow 7 calendar days for Owner's review - excluding delivery time to and from Contractor. For submittals requiring the review of Architect's or Architect's consultants, allow 14 calendar days.
- K. Identify variations from Contract Documents and product or system limitations that may be detrimental to successful performance of completed Work.
- L. When revised for resubmission, identify changes made since previous submission.
- M. Distribute copies of reviewed submittals as appropriate. Instruct parties to promptly report inability to comply with requirements.
- N. Fill out sustainable information sheet as noted in this Section.

1.3 SUBMITTALS RELATED TO SUSTAINABILITY REQUIREMENTS

- A. On each submittal, include a separate section noting the sustainability requirements pertaining to the submittal, and the degree to which the noted

requirements have been satisfied. The section shall include, but is not limited to, a listing of CIR Ratings, VOC Levels, Chain of Custody, post-consumer and post-industrial percentages, etc. Refer to each Section within this Project Manual for sustainability requirements. Refer also to Section 01 74 19 – Construction Waste Management and Disposal, 01 81 15 – Evergreen Sustainable Development Standards, and Section 01 81 19 – IAQ Requirements for specific sustainability requirements.

- B. Submit IAQ plan prior to commencing construction.
- C. See specific paragraphs below related the sustainability requirements of Shop Drawings, Schedules, and Product Data.
- D. Environmentally Preferable Products:
 - 1. For FSC-certified wood products: Submit a chain of custody certificate and documentation from supplier to comply with FSC 1.2, "Principles and Criteria." Include evidence that mill is certified for chain-of-custody by an FSC-accredited certification body.
 - 2. For local production: Submit location of production facilities.
 - 3. For recycled content: Submit product data indicating post-consumer and pre-consumer recycled content.
 - 4. For urea-formaldehyde free composite materials (trim, counters, cabinets), provide product data indicating no added urea formaldehyde.

1.4 CONSTRUCTION PROGRESS SCHEDULES

- A. Comply with Section 01 32 16.
- B. Schedules shall reflect IAQ plan requirements.

1.5 SCHEDULE OF VALUES

- A. Comply with Section 01 20 00

1.6 PRODUCT DATA

- A. Product Data: Submit for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents.
- B. Sustainability requirements, including but not limited to CIR Rating, VOC Levels, Chain of Custody, etc. shall be highlighted.
- C. Product data format: 8-1/2" x 11"
 - 1. Bind or staple related materials.
 - 2. Mark each page to identify applicable selections or options.
- D. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- E. Indicate product utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- F. After review, produce copies and distribute in accordance with SUBMITTAL PROCEDURES article and for record documents described in Section 01 70 00 - Execution and Closeout Requirements.

1.7 SHOP DRAWINGS

- A. Shop Drawings: Submit for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents.
- B. Indicate on the cover sheet a list of those components within the submittal that relate to the sustainability requirements.
- C. Indicate special utility and electrical characteristics, utility connection requirements, and location of utility outlets for service for functional equipment and appliances.
- D. When required by individual specification sections, provide shop drawings signed and sealed by professional engineer responsible for designing components shown on shop drawings.
 - 1. Include signed and sealed calculations to support design.
 - 2. Submit drawings and calculations in form suitable for submission to and approval by authorities having jurisdiction.
 - 3. Make revisions and provide additional information when required by authorities having jurisdiction.
- E. After review, produce copies and distribute in accordance with SUBMITTAL PROCEDURES article and for record documents described in Section 01 70 00 - Execution and Closeout Requirements.

1.8 SAMPLES

- A. Samples: Submit for review for limited purpose of checking for conformance with information given and design concept expressed in Contract Documents.
- B. Indicate on the cover sheet a list of those components within the submittal that relate to the sustainability requirements.
- C. Samples for Selection as Specified in Product Sections:
 - 1. Submit to Owner/Architect for aesthetic, color, or finish selection.
 - 2. Submit samples of finishes from full range of manufacturers' standard colors (or as specified in other sections) textures, and patterns for Architect selection.
- D. Submit samples to illustrate functional and aesthetic characteristics of Products, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.
- E. Include identification on each sample, with full Project information.
- F. Reviewed samples which may be used in the Work are indicated in individual specification sections.
- G. Samples will not be used for testing purposes unless specifically stated in specification section.
- H. After review, produce duplicates and distribute in accordance with SUBMITTAL PROCEDURES article and for record documents purposes described in Section 01 70 00 - Execution and Closeout Requirements.

1.9 TEST REPORTS

- A. Submit for Architect's knowledge as contract administrator or for Owner.

- B. Submit test reports for information for limited purpose of assessing conformance with information given and design concept expressed in Contract Documents.

1.10 CERTIFICATES

- A. When specified in individual specification sections, submit certification by manufacturer, installation/application subcontractor, or Contractor to Owner, in quantities specified for Product Data.
- B. Indicate material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits, and certifications as appropriate.
- C. Certificates may be recent or previous test results on material or Product, but must be acceptable to Owner.

1.11 MANUFACTURER'S INSTRUCTIONS

- A. When specified in individual specification sections, submit printed instructions for delivery, storage, assembly, installation, start-up, adjusting, and finishing to Owner in quantities specified for Product Data.
- B. Indicate special procedures, perimeter conditions requiring special attention, and special environmental criteria required for application or installation.

1.12 ERECTION DRAWINGS

- A. Submit for information for limited purpose of assessing conformance with information given and design concept expressed in Contract Documents.
- B. Data indicating inappropriate or unacceptable Work may be subject to action by Architect or Owner.

1.13 OWNER AND ARCHITECT'S ACTION

After review, Architect will stamp the submittal and release with the following marks:

- A. "No Exceptions Taken" - Final Release, Unrestricted. No further submittal required.
- B. "Make Corrections Noted" - Final Release, restricted only by an exception or correction which is noted. Contractor need not resubmit unless further action or consideration is required regarding the excepted items.
- C. "Revise and Resubmit" - No fabrication, installation or related activity should be undertaken until revised submittal has been submitted and released. Resubmit as soon as possible to avoid delay. Repeat and revise as necessary to obtain release. If any additional element is modified in the shop drawing or submittal, identify clearly in the resubmitted documents.
- D. "Rejected - See Remarks" - No activity related to submittal may take place. Review remarks and, if necessary, discuss with architect. Resubmit.

1.14 OWNER AND ARCHITECT'S RESPONSIBILITIES

- A. Checking is only for general conformance with the design concept of the project and general compliance with the Contract Documents. Any action shown is subject to the requirements of the Plans and Specifications.

- B. Contractor is responsible for: quantity, dimensions which shall be confirmed and correlated at the job site, fabrication processes and techniques of construction, coordination of work with all trades and the satisfactory performance of its work.
- C. Review of separate items does not constitute review of assembly in which it functions. Acceptance of variations does not constitute a Change Order and Contractor remains responsible for full compliance with Contract Documents.
- D. In the event that submittals are received by the Architect without the requisite contractor's review stamp, complete with signature and date, the Architect will promptly return the submittal to the Contractor with no action taken. The time taken for the Architect to administer such an event will not reduce the amount of time afforded the Architect to adequately review the submittal.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 40 00
QUALITY REQUIREMENTS

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 SECTION INCLUDES
 - A. Quality control and control of installation.
 - B. Tolerances
 - C. References.
 - D. Manufacturers' field services.
 - E. Examination.
 - F. Preparation.
- 1.3 QUALITY CONTROL AND CONTROL OF INSTALLATION
 - A. Monitor quality control over suppliers, manufacturers, products, services, site conditions, and workmanship, to produce Work of specified quality.
 - B. Comply with manufacturers' instructions, including each step in sequence.
 - C. When manufacturers' instructions conflict with Contract Documents, request clarification from Owner before proceeding.
 - D. Comply with specified standards as minimum quality for the Work except where more stringent tolerances, codes, or specified requirements indicate higher standards or more precise workmanship.
 - E. Perform Work by persons qualified to produce required and specified quality.
 - F. Verify field measurements as indicated on Shop Drawings or as instructed by manufacturer.
 - G. Secure products in place with positive anchorage devices designed and sized to withstand stresses, vibration, physical distortion, or disfigurement.
- 1.4 TOLERANCES
 - A. Monitor fabrication and installation tolerance control of products to produce acceptable Work. Do not permit tolerances to accumulate.
 - B. Comply with manufacturers' tolerances. When manufacturers' tolerances conflict with Contract Documents, request clarification from Owner before proceeding.
 - C. Adjust products to appropriate dimensions; position before securing products in place.
- 1.5 REFERENCES
 - A. For products or workmanship specified by association, trade, or other consensus standards, comply with requirements of standard, except when more rigid requirements are specified or are required by applicable codes.
 - B. Conform to reference standard by date of issue of Contract Documents, or date of Owner-Contractor Agreement when there are no Bids, except where specific date is established by code.

- C. Obtain copies of standards where required by product specification sections.
- D. When specified reference standards conflict with Contract Documents, request clarification from Architect before proceeding.
- E. Neither contractual relationships, duties, nor responsibilities of parties in Contract nor those of Architect/Engineer shall be altered from Contract Documents by mention or inference otherwise in reference documents.

1.6 MANUFACTURERS' FIELD SERVICES

- A. When specified in individual specification sections, require material or product suppliers or manufacturers to provide qualified staff personnel to observe site conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust and balance of equipment, as applicable, and to initiate instructions when necessary.
- B. Submit qualifications of observer to Owner 30 days in advance of required observations. Observer subject to approval of Owner.
- C. Report observations and site decisions or instructions given to applicators or installers that are supplemental or contrary to manufacturers' written instructions.
- D. Refer to Section 01 33 00 - Submittal Procedures and MANUFACTURERS' FIELD REPORTS article.

PART 2 PRODUCTS (Not Applicable).

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify existing site conditions and substrate surfaces are acceptable for subsequent Work. Beginning new Work means acceptance of existing conditions.
- B. Verify existing substrate is capable of structural support or attachment of new Work being applied or attached.
- C. Examine & verify specific conditions in individual specification sections.
- D. Verify utility services are available, of correct characteristics, and in correct locations.

3.2 PREPARATION

- A. Clean substrate surfaces prior to applying next material or substance.
- B. Seal cracks or openings of substrate prior to applying next material or substance.
- C. Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying new material or substance in contact or bond.

END OF SECTION

SECTION 01 41 00
REGULATORY REQUIREMENTS

PART 1 GENERAL

1.1 GENERAL

Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.

1.2 NOTIFICATION

The Owner requires immediate notification from the Contractor of any requirement of fees or charges imposed upon the work from any Governmental or Utility agencies. Fees paid by the Contractor to such agencies may have already been paid by the Owner, and without prior approval of the Owner will not be reimbursed by the Owner.

1.3 DESCRIPTION

- A. The Contractor is required to comply with all laws, ordinances, rules, regulations, and lawful orders of any public authority bearing on the performance of the work. And this includes modifications, amendments, additions, and the like, current as of contract date. Compliance requirements include but are not limited to following:
1. IBC Standards, 2018 edition, with State of Washington Amendments, published by the International Conference of Building Officials, together with applicable Washington State and King County Amendments.
 2. The Regulations for Barrier Free Design of the State of Washington, current amended edition.
 3. The Life Safety Code, NFPA, current edition.
 4. Kirkland Fire Department/Fire Marshal requirements.
 5. Fire doors/windows, NFPA, current edition.
 6. Rules and regulations for the King County Department of Public Health.
 7. Department of Labor and Industries Regulations.
 8. Mechanical work:
 - a. International Mechanical Code, 2018 Edition
 - b. Uniform Plumbing Code, 2018 Edition.
 - c. National Fire Protection Association Codes.
 - d. International Fire Code.
 9. Electrical work:
 - a. Kirkland Electrical Code.
 - b. Underwriters' Laboratories (UL).
 - c. National Manufacturers' Association.
 - d. NFPA, National Electric Code (NEC), National Electric Safety Code, and above electrical as applicable.
 - e. State/city Electrical Construction Code.
 - f. Puget Sound Energy, Requirements for Electric Service Connection, current edition.
 10. Environmental requirements: All work to be performed in compliance with relevant statutes and regulations dealing with prevention of environmental pollution and preservation of public natural resources.

11. Energy requirements: Comply with insulation and energy conservation requirements of the Washington State Energy Code, current edition.
 12. For governing authorities/asbestos and other hazardous material removals, see reports of special consultants to the Owner.
 13. Standard Specifications for Municipal Public Works Construction, current edition, Washington State Chapter, American Public Works Association.
- B. Specifications of Higher Standards: Drawings and specifications govern whenever drawing and specifications require higher standards than are required by governing codes, regulations, and the like.

PART 2 PRODUCTS (not applicable)

PART 3 EXECUTION (not applicable)

END OF SECTION

SECTION 01 41 10

AIR BARRIER SYSTEM

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. This section includes administrative and procedural requirements for accomplishing an airtight building enclosure that controls infiltration or exfiltration of air.
 - 1. The airtight components of the building enclosure and the joints, junctures and transitions between materials, products, and assemblies forming the air-tightness of the building enclosure are called "the air barrier system". Services include coordination between the trades, the proper scheduling and sequencing of the work, preconstruction meetings, inspections, tests, and related actions, including reports performed by Contractor, by independent agencies, and by governing authorities. They do not include contract enforcement activities performed by Architect.
 - 2. The Contractor shall ensure that the intent of constructing the building enclosure with a continuous air barrier system to control air leakage into, or out of the conditioned space is achieved. The air barrier system shall have the following characteristics:
 - a. It must be continuous, with all joints sealed.
 - b. It must be structurally supported to withstand positive and negative air pressures applied to the building enclosure.
 - c. Connection shall be made between:
 - 1) Foundation and walls.
 - 2) Walls and windows or doors.
 - 3) Different wall systems.
 - 4) Wall and roof.
 - 5) Wall and roof over unconditioned space.
 - 6) Walls, floor and roof across construction, control and expansion joints.
 - 7) Walls, floors and roof to utility, pipe and duct penetrations.
 - 3. Air Barrier Penetrations: All penetrations of the air barrier and paths of air infiltration / exfiltration shall be sealed.
- B. Inspection and testing services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with Contract Document requirements.
- C. Requirements of this section relate to the coordination between subcontractors required to provide an airtight building enclosure, customized fabrication and installation procedures, not production of standard products.

KING COUNTY HOUSING AUTHORITY
KIRKLAND HEIGHTS APARTMENTS
BID SET 01/28/22

1. Continuity of the air barrier materials and products with joints to provide assemblies. Continuity of all the enclosure assemblies with joints and transition materials to provide a whole building air barrier system.
2. Specific quality-control requirements for individual construction activities are specified in the sections of the specifications. Requirements in those sections may also cover production of standard products. It is the Contractor's responsibility to ensure that each subcontractor is adequately and satisfactorily performing the quality assurance documentation, tests and procedures required by each section.
3. Specified inspections, tests, and related actions do not limit Contractor's quality-control procedures that facilitate compliance with Contract Document requirements.
4. Requirements for Contractor to provide an airtight building enclosure is not limited by quality-control services required by Architect, Owner, or authorities having jurisdiction and are not limited by provisions of this section.

1.2 RELATED SECTIONS

- A. Section 01 30 00 Administrative Requirements
- B. Section 01 32 16 Construction Progress Schedule
- C. Section 01 40 00 Quality Requirements
- D. Section 06 10 00 Rough Carpentry
- E. Section 07 27 00 Weather Resistive Barrier
- F. Section 07 31 13 Glass-Reinforced Asphalt Shingles
- G. Section 07 45 00 Rainscreen System
- H. Section 07 65 00 Flexible Flashings
- I. Section 07 90 00 Joint Protection
- J. Section 08 16 13 Fiberglass Doors
- K. Section 08 53 00 Plastic (PVC) Windows & Sliding Glass Door

1.3 RESPONSIBILITIES

- A. Contractor Responsibilities: Unless otherwise indicated as the responsibility of another identified entity, Contractor shall provide coordination of the trades, and the sequence of construction to ensure continuity of the air barrier system joints, junctures and transitions between materials and assemblies of materials and products, from substructure to walls to roof. Provide quality assurance

KING COUNTY HOUSING AUTHORITY
KIRKLAND HEIGHTS APARTMENTS
BID SET 01/28/22

procedures, testing and verification as specified herein. Facilitate inspections, tests, and other quality-control services specified elsewhere in the Contract Documents and required by authorities having jurisdiction or by the Owner. Costs for these services are included in the Contract Sum.

1. Organize preconstruction meetings between the trades involved in the whole building's air barrier system to discuss where each trade begins and ends and the responsibility and sequence of installation of all the air-tight joints, junctures, and transitions between materials, products and assemblies of products specified in the different sections, to be installed by the different trades.
 2. Build a mock-up before proceeding with the work, satisfactory to the Architect, of each air-tight joint type, juncture, and transition between products, materials and assemblies.
- B. Associated Services: Cooperate with agencies performing required inspections, tests, and similar services, and provide reasonable auxiliary services as requested. Notify the agency sufficiently in advance of operations to permit assignment of personnel. Auxiliary services required include, but are not limited to, the following:
1. Provide access to the Work.
 2. Furnish incidental labor and facilities necessary to facilitate inspections and tests.
 3. Take adequate quantities of representative samples of materials that require testing or assist the agency in taking samples.
 4. Deliver samples to testing laboratories.
 5. Provide security and protection of samples and test equipment at the Project Site.
- C. Duties of the Testing and Inspection Agency: The independent agency engaged to perform inspections, sampling, and testing of air barrier materials, components and assemblies specified in individual Sections shall cooperate with the Architect and the Contractor in performance of the agency's duties. The testing agency shall provide qualified personnel to perform required inspections and tests.
1. The agency shall notify the Architect and the Contractor promptly of irregularities or deficiencies observed in the Work during performance of its services.
 2. The agency is not authorized to release, revoke, alter, or enlarge requirements of the Contract Documents or approve or accept any portion of the Work.
 3. The agency shall not perform any duties of the Contractor.
- D. Coordination: Coordinate the sequence of activities to accommodate required services with a minimum of delay. Coordinate activities to avoid the necessity of removing and replacing construction to accommodate inspections and tests.
1. The Contractor is responsible for scheduling times for inspections, tests, taking samples, and similar activities.

1.4 PERFORMANCE REQUIREMENTS

A. Compliance Alternatives:

- a. Materials: materials used for the air barrier system in the opaque envelope shall have an air permeance not to exceed 0.004 cfm/ft² under a pressure differential of 0.3 in. water (1.57psf) (0.02 L/s.m² @ 75 Pa) when tested in accordance with ASTM E 2178. Or,
- b. Assemblies of materials and components: shall have an air permeance not to exceed 0.04 cfm/ft² under a pressure differential of 0.3 in. water (1.57psf) (0.2 L/s.m² @ 75 Pa) when tested in accordance with ASTM E 2357. Or:
- c. The entire building: The air leakage of the entire building shall not exceed 0.4 cfm/ft² under a pressure differential of 0.3 in. water (1.57psf) (2.0 L/s.m² @ 75 Pa) when tested according to ASTM E 779.

1.5 SUBMITTALS

A. Unless the Contractor is responsible for this service, the independent testing agency shall submit a certified written report, in duplicate, of each inspection, test, or similar service to the Architect. If the Contractor is responsible for the service, submit a certified written report, in duplicate, of each inspection, test, or similar service through the Contractor.

1. Submit additional copies of each written report directly to the governing authority, when the authority so directs.
2. Report Data: Written reports of each inspection, test, or similar service include, but are not limited to, the following:
 - a. Date of issue.
 - b. Project title and number.
 - c. Name, address, and telephone number of testing agency.
 - d. Dates and locations of samples and tests or inspections.
 - e. Names of individuals making the inspection or test.
 - f. Designation of the Work and test method.
 - g. Identification of product and Specification Section.
 - h. Complete inspection or test data.
 - i. Test results and an interpretation of test results.
 - j. Ambient conditions at the time of sample taking and testing.
 - k. Comments or professional opinion on whether inspected or tested Work complies with Contract Document requirements.
 - l. Name and signature of laboratory inspector.
 - m. Recommendations on retesting.

1.6 QUALITY ASSURANCE

A. Qualifications for Inspection Agencies: Engage testing service agencies, including independent testing laboratories, that are prequalified and that specialize in the types of tests to be performed.

PART 2 - PRODUCTS (Not applicable)

PART 3 - EXECUTION

3.1 REPAIR AND PROTECTION

- A. Upon completion of inspection, testing, sample taking and similar services, repair damaged construction and restore substrates and finishes. Comply with Contract Document requirements for Division 1 Section "Cutting and Patching."
- B. Protect construction exposed by or for quality-control service activities and protect repaired construction.
- C. Repair and protection are Contractor's responsibility, regardless of the assignment of responsibility for inspection, testing, or similar services.

3.2 TESTING AND INSPECTION

- A. Air barrier testing to be performed by the Owner. The Owner may also hire a testing and inspection agency to provide occasional observation and inspection during installation of the air barrier system. The testing and inspection agency will provide the following listed services:
 - 1. Qualitative Testing and Inspection:
 - a. Weekly reports of observations, with copies to the Owner, Contractor and Architect.
 - b. Continuity of the air barrier system throughout the building enclosure with no gaps, holes.
 - c. Structural support of the air barrier system to withstand design air pressures.
 - d. Masonry and concrete surfaces are smooth, clean and free of cavities, protrusions and mortar droppings.
 - e. Site conditions for application temperature and dryness of substrates.
 - f. Maximum length of exposure time of materials to ultra-violet deterioration.
 - g. Surfaces are properly primed.
 - h. Laps in material are 2" minimum, shingled in the correct direction (or mastic applied on exposed edges), with no fish-mouths.
 - i. Mastic applied on cut edges.
 - j. Roller has been used to enhance adhesion.
 - k. Measure application thickness of liquid-applied materials to manufacturer's specifications for the specific substrate.
 - l. Materials used for compatibility.
 - m. Transitions at changes in direction, and structural support at gaps.
 - n. Connections between assemblies (membrane and sealants) for cleaning, preparation and priming of surfaces, structural support, integrity and continuity of seal.

KING COUNTY HOUSING AUTHORITY
KIRKLAND HEIGHTS APARTMENTS
BID SET 01/28/22

- o. All penetrations sealed.
 - p. ASTM E 1186 "Standard Practices for Air Leakage Site Detection in Building Envelopes and Air Retarder Systems."
 - 1) Infrared scanning with pressurization/depressurization.
 - 2) Smoke pencil with pressurization/depressurization.
 - 3) Pressurization/depressurization with use of anemometer
 - 4) Generated sound with sound detection
 - 5) Tracer gas measurement of decay rate
 - 6) Chamber pressurization/depressurization in conjunction with smoke tracers
 - 7) Chamber depressurization using detection liquids
2. Quantitative tests:
- a. Provide written test reports of all tests performed, with copies to the Owner, Contractor and Architect.
 - b. Material compliance for maximum air permeance, ASTM E 2178.
 - c. ASTM E 283, Determining rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors under Specified Pressure Differences Across the Specimen.
 - d. Assemblies, ASTM E 2357, test pressure and allowable air leakage rate to be determined by design professional for interior design conditions and location of project.
 - e. CAN/CGSB 1986 Standard 149.10, Determination of the Airtightness of Building Envelopes by the Fan Depressurization Method.
 - f. CAN/CGSB 1996 Standard 149.15 Determination of the Overall Envelope Airtightness of Office Buildings by the Fan Depressurization Method Using the Building's Air Handling System.
 - g. Whole building, floors, or suites, ASTM E779, Determining Airtightness of Buildings Air Leakage Rate by Single Zone Air Pressurization.
 - h. Windows and connections to adjacent opaque assemblies, ASTM E783 method B
 - i. Tracer gas testing, ASTM E741
 - j. Pressure test, ASTM E330
 - k. Bond to substrate, ASTM D4541

END OF SECTION

SECTION 01 42 13
ABBREVIATIONS AND ACRONYMS

PART 1 ABBREVIATIONS/ACRONYMS OF ASSOCIATIONS--STANDARDS

AASHTO	American Association of State Highway & Transportation Officials
ACI	American Concrete Institute Box 19150, Redford Station Detroit, MI 48219
AIA	American Institute of Architects 1735 New York Avenue NW Washington, DC 20006
AISC	American Institute of Steel Construction 1221 Avenue of the Americas New York, NY 10020
AISI	American Iron and Steel Institute 1016 Street NW Washington, DC 20036
AITC	American Institute of Timber Construction 333 West Hampden Avenue Englewood, CO 80110
ANSI	American National Standards Institute (formerly ASA, the USASI) 1430 Broadway New York, NY 10018
APA	American Plywood Association 1119 "A" Street Tacoma, WA 98401
ARMA	Asphalt Roofing Manufacturer's Association 600 Executive Blvd., Suite 201 Rockville, MD. 20852-3803
ASA	American Subcontractor's Association 815 — 15th Street NW Washington, DC 20005
ASHRAE	American Society of Heating, Refrigeration, & Air-Conditioning Engineers 345 East 47th Street New York, NY 10017
ASTM	American Society for Testing & Materials 1916 Race Street Philadelphia, PA 19103
AWPA	American Wood Preservers Association 1625 Eye Street NW Washington, DC 20006

CISCA	Ceilings and Interior Systems Contractors Association 1201 Waukegan Road Glenview, IL 60025
CRSI	Concrete Reinforcing Steel Institute 180 North LaSalle Street Chicago, IL 60601
CS	Commercial Standard of US Department of Commerce Washington, DC 20036
DFPA	Douglas Fire Plywood Association — See APA (now known as American Plywood Association)
FSC, SFI	Forest Stewardship Council, Sustainable Forest Initiative
IBC	International Building Code International Code Council, Inc. 4051 W. Flosmoor Road Country Club Hills, IL 60478-5795
IEEE	Institute of Electrical & Electronic Engineers, Inc. 345 East 47th Street New York, NY 10017
I-SANTA	Industrial Stapling and Nailing Technical Association P.O. Box 3072 City of Industry, CA 91744
NAAMM	National Association of Architectural Metal Manufacturers 1033 South Boulevard Oak Park, IL 60302
NFPA	National Fire Protection Association 407 Atlantic Avenue Boston, MA 02210
NRCA	National Roofing Contractors Association 10255 W. Higgins Road, Suite 600 Rosemont, IL 60018
NWMA	National Woodwork Manufacturer's Association, Inc. 400 West Madison Avenue Chicago, IL 60606
PCA	Portland Cement Association Old Orchard Road Skokie, IL 60076
SSPC	Steel Structures Painting Council 4400 Fifth Avenue Pittsburgh, PA 15213
SCPI	Structural Clay Products Institute

1520 — 18th Avenue NW
Washington, DC

UL Underwriters Laboratories
1410 SW Morrison Street
Portland, OR 97205

WCLB West Coast Lumber Inspection Bureau

Names and addresses of other organizations appearing in the technical sections where their products are specified may be listed in Sweet's Architectural File, or CSI-MN-7, Sources of Construction Information, latest edition.

References herein to specifications issued by above-named, or other organizations, mean editions current at the date of the contract, unless a specific date is referenced otherwise in this manual.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 45 23
TESTING AND INSPECTING SERVICES

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 WORK INCLUDED
- A. Work includes but is not limited to inspection and testing performed by Geotechnical Engineers and Special Inspection laboratories required by these specifications, laws, ordinances, rules, regulations, orders, or approvals of public authorities. See conditions of the contract.
 - B. On site monitoring and laboratory and field tests required and standards for testing: See requirements specified this section and each division listed, the General Notes appearing on Structural Drawings, and requirements listed on permit drawings by governmental agencies.
 - C. Specific Tests and qualities will be listed in the following Divisions:
 - 1. Division 03 – Concrete
 - 2. Division 05 – Metals
 - 3. Division 06 – Wood
 - 4. Division 31 – Earthwork
 - 5. Division 32 – Exterior Improvements
 - 6. Division 33 – Utilities
- 1.3 REFERENCES
- A. American Society for Testing and Materials (ASTM):
 - 1. C31-88: Making and Curing Concrete Test Specimens in the Field
 - 2. C 39-86: Tests for Compressive Strength of Cylindrical Concrete Specimens
 - 3. C 42-84: Obtaining and Testing Drilled Cores and Beams of Concrete
 - 4. C 143-89: Test for Slump of Portland Cement Concrete
 - 5. C 157-89: Test for Length Change of Hardened Cement Mortar and Concrete
 - 6. D 698: Tests for Moisture-density Relations of Soils, and Soil Aggregate Mixtures Using 5.5-lb. (2.5 kg) Rammer and 12" (304.8 mm) Drop
 - 7. D1194-72: Test method for bearing capacity of soil for static load on spread footings.
 - 8. C472-84: Method for physical testing of gypsum plasters and gypsum concrete.
 - 9. D 2922: Density of soil-aggregate, in place, by nuclear methods, shallow depth test.
 - 10. D 1556-82: Test method for density of soil in place by the sand cone method.
 - 11. D1557-78: Test methods for moisture-density relations of soils and soil-aggregate mixture using 10 lb. (4.54 kg) rammer and 18" (457 mm) drop.
 - 12. D 1586-84: Method for penetration test and split-barrel sampling of soils.

- 13. D 2167-84: Method for density and unit weight of soil in place by the rubber balloon method.

- B. American Concrete Institute (ACI): ACI 318-77.
- C. American Public Works Association (APWA)

1.4 LIMITATIONS OF AUTHORITY OF GEOTECHNICAL INSPECTOR AND TESTING LABORATORY

- A. Inspector is not authorized to:
 - 1. Release, revoke, alter, or enlarge on requirements of contract documents;
 - 2. Approve or accept any portion of the work;
 - 3. Perform any duties of Contractor.

1.5 COST

The Geotechnical Inspector and the Independent Testing Agency, if required, shall be retained by the Owner. Costs and Fees for these services shall be paid by the Owner.

1.6 CONTRACTOR'S RESPONSIBILITIES

- A. Coordinate and schedule required reviews and inspections of Governing Authorities' Inspectors.
- B. Provide access to the Work and furnish incidental labor and facilities needed to facilitate inspections and tests.
- C. Assist agency in taking representative samples of materials requiring testing, if requested.
- D. Provide storage/curing space and security for testing samples and equipment, if requested.
- E. Maintain daily log, records of all testing and inspection activities and any irregularities encountered.

1.7 GEOTECHNICAL INSPECTOR'S RESPONSIBILITY

- A. Monitor the installation of the following Project components and activities to verify that installation is in accordance with Contract Documents:
 - 1. Earthwork construction
 - 2. Drainage installations
 - 3. Structural fill placement and compaction
 - 4. Density testing of existing and fill soils at footing sub-grade.
 - 5. Density testing of sub-base and base course at paving.
 - 6. Inspection of native sub-grade soils for placement of footings, structural fill, paving, and concrete slabs on grade.
- B. Advise Owner if unanticipated subsurface conditions are encountered and make recommendations for any required corrective action.
- C. Test structural fill and other fill as necessary to verify that compaction meets requirements of Contract Documents.
- D. Prepare written reports concerning all inspections. Indicate all test results and locations. Distribute copies of reports to Contractor, Architect, Consultant, Jurisdiction, and Owner, as appropriate. Reports shall include applicable information as required for Independent Agencies below.

- E. Monitor slope stability and advise Contractor regarding any required precautions.

1.8 INDEPENDENT AGENCY'S RESPONSIBILITIES

- A. Provide all required special inspections stipulated by governing authorities, the Contract Documents, and any additional tests and inspections listed.
 - 1. Verify size and placement of reinforcing steel for all concrete structures.
 - 2. Verify placement of structural concrete and grout. Take appropriate samples for laboratory strength and testing.
 - 3. Monitor structural steel erection, placement and torque of high strength steel bolts.
 - 4. Monitor and inspect all field structural steel welds. Verify that all welders are certified.
 - 5. Provide laboratory strength tests for all concrete and grout samples.
 - 6. Prepare written reports and distribute as listed above.
 - a. Issue date, date of inspections, Project name and address.
 - b. Name, address, and phone # of agency and name of inspector.
 - c. Designation of work and test method.
 - d. Identify specification Section.
 - e. All test data/results and interpretation of results.
 - f. Weather conditions, ambient conditions at time of testing/sampling.
 - g. Opinion as to whether tested/inspected material complies with requirements of Contract Documents.
 - h. Name and signature of laboratory inspector.
 - i. Recommendations of retesting or other actions.

1.9 QUALIFICATIONS OF SERVICE AGENCY

- A. Agency must specialize in those tests required, be acceptable to the governing authorities, Owner, Architect, and be licensed to provide these services in Washington State and be pre-qualified as complying with the "Recommended Requirement for independent Laboratory Qualification" by the American Council of Independent Laboratories.
- B. Comply ASTM E 329-90 "Practice for Use in the Evaluation of Testing and Inspection Agencies as used in Construction".

1.10 RETESTING/REINSPECTION

- A. Where inspections and tests indicate work is not in compliance with Contract Documents, Contractor shall pay for retesting.
- B. If testing lab is called to the site by the Contractor and cannot proceed with tests due to the Contractor's failure to complete work for testing, or for any other reason not the fault of the Owner, the Contractor shall pay for retesting.

1.11 REPAIR AND PROTECTION

- A. When inspection and testing activity is complete, repair any damaged substrates and/or finishes. Comply Cutting and Patching / Section 01 73 29

1.12 ARCHITECT'S INSPECTIONS

- A. Owner may ask Architect to make regular observations throughout the construction process. Special review procedures are required at project's conclusion - See Project Closeout / Section 01 77 00 for requirements.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 50 00
TEMPORARY FACILITIES AND CONTROLS

PART 1 GENERAL

1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.

1.2 SECTION INCLUDES

- A. Temporary Utilities:
 - 1. Temporary electricity.
 - 2. Temporary lighting for construction purposes.
 - 3. Temporary heating.
 - 4. Temporary ventilation.
 - 5. Telephone service.
 - 6. Facsimile service.
 - 7. Temporary water service.
 - 8. Temporary sanitary facilities.
- B. Construction Facilities:
 - 1. Construction aids.
 - 2. Field offices and sheds.
 - 3. Vehicular access.
 - 4. Progress cleaning and waste removal.
 - 5. Project identification.
 - 6. Traffic regulation.
 - 7. Fire prevention facilities.
- C. Temporary Controls:
 - 1. Barriers.
 - 2. Security.
 - 3. Water control.
 - 4. Dust control.
 - 5. Erosion and sediment control: refer to Section 01 57 13.
 - 6. Noise control.
 - 7. Pollution control.
 - 8. Rodent control.
- D. Protection of property.

1.3 REQUIREMENTS OF REGULATORY AGENCIES

Comply with federal, state, city, and all local codes and regulations.

1.4 TEMPORARY ELECTRICITY:

- A. The Owner will allow the Contractor to use current electrical service to the site for construction operations.
- B. Complement existing power service capacity, if any, and characteristics as required for construction operations.

- C. Provide distribution equipment, wiring, outlets, and branch circuits for power and lighting—as required by governing codes and as required for construction operations.

1.5 TEMPORARY LIGHTING FOR CONSTRUCTION PURPOSES

- A. Provide and maintain lighting for construction operations.
- B. Provide and maintain lighting to exterior staging and storage areas after dark for security purposes.
- C. Provide and maintain lighting to interior work areas after dark for security purposes.

1.6 TEMPORARY HEATING

- A. Provide and pay for heating devices and heat as needed to maintain specified conditions for construction operations. Permanent heating system may not be used for construction purposes.
- B. Prior to operation of permanent equipment for temporary heating purposes, verify installation is approved for operation, equipment is lubricated and filters are in place. Upon installation, seal all permanent ducts and vents to minimize contamination during construction. Take precautions to prevent construction dust from entering permanent ductwork and equipment. Remove any seals after construction is completed.

1.7 TEMPORARY VENTILATION

Ventilate enclosed areas to achieve curing of materials, to dissipate humidity, and to prevent accumulation of dust, fumes, vapors, or gases. Permanent heating system may not be used for construction purposes. Upon installation, seal all permanent ducts and vents to minimize contamination during construction. Take precautions to prevent construction dust from entering permanent ductwork and equipment. Remove any seals after construction is completed.

1.8 TELEPHONE SERVICE

Provide, maintain, and pay for telephone service to field office at time of project mobilization.

1.9 TEMPORARY WATER SERVICE

The Owner will allow the Contractor to use current water service to the site for construction operations.

1.10 TEMPORARY SANITARY FACILITIES

Provide and maintain required facilities and enclosures. Provide facilities at time of project mobilization.

1.11 CONSTRUCTION AIDS

- A. Provide construction aids and equipment required by personnel to facilitate execution of work. Include scaffolds, staging, ladders, stairs, ramps, runways, platforms, railings, hoists, cranes, chutes, protective enclosures, and other such

facilities and equipment. Refer to respective sections for particular requirements for each trade.

- B. As applicable, when permanent stair framing is in place, provide temporary treads, platforms and railings, for use by construction personnel.
- C. Maintain all facilities and equipment in a first class condition.

1.12 FIELD OFFICES AND SHEDS

- A. Provide Field Office: Weather tight, with lighting, electrical outlets, and heating equipment. Provide facilities at time of project mobilization.
- B. Field Office limited to 20'x8' trailer.
- C. Owner will provide space for Project meetings.
- D. Removal: At completion of Work remove temporary buildings, foundations, utility services, and debris from the construction site and the adjacent paved parking lots.

1.13 VEHICULAR ACCESS

- A. Construct temporary all-weather access from public thoroughfares or the onsite parking areas to serve construction area, of width and load bearing capacity to accommodate unimpeded traffic for construction purposes. Refer to TESC Plan in the drawings.
- B. Construct tire-wash area to remove mud from vehicle wheels before entering streets. Take precautions to prevent silty water from entering existing catch basins in the parking lot.
- C. Provide unimpeded access for emergency vehicles.
- D. Provide and maintain access to fire hydrants and control valves free of obstructions.

1.14 PROGRESS CLEANING AND WASTE REMOVAL

- A. Maintain areas free of waste materials, debris, and rubbish. Maintain site in clean and orderly condition.
- B. Remove debris and rubbish from pipe chases, plenums, attics, crawl spaces, and other closed or remote spaces, prior to enclosing spaces.

1.15 TRAFFIC REGULATION

- A. Signs, Signals, And Devices:
 - 1. Post Mounted and Wall Mounted Traffic Control and Informational Signs: As required and approved by authority having jurisdiction.
 - 2. Traffic Cones and Drums, Flares and Lights: As approved by authority having jurisdiction.
 - 3. Flag person Equipment: As required by authority having jurisdiction.
- B. Flag Persons: Provide trained and equipped flag persons to regulate traffic when construction operations or traffic encroach on public traffic lanes.
- C. Haul Routes: If required by permit conditions, develop plan and obtain approval from authority having jurisdiction identifying public thoroughfares to be used for haul routes and site access.

- D. Removal: Remove equipment and devices when no longer required. Repair damage caused by installation.

1.16 FIRE PREVENTION FACILITIES

- A. Kirkland Heights Apartments is a No Smoking property. Refer to on-site property management for No Smoking Policy for details.
- B. Establish fire watch for cutting and welding and other hazardous operations capable of starting fires. Maintain fire watch before, during, and after hazardous operations until threat of fire does not exist.
- C. Develop and supervise a comprehensive fire prevention and fire protection program. Instruct personnel in the methods and procedures of the program. Post warnings and information and enforce strict discipline. Review needs with local fire department and establish procedures to be followed. Maintain unobstructed access to extinguishers, hydrants, stairways, and other escape routes and access routes for firefighting.
- D. Provide one fire extinguisher at each stair on each floor of buildings under construction and/or demolition.
- E. Provide minimum one fire extinguisher in every construction trailer and storage shed.

1.17 BARRIERS

- A. Provide barriers to prevent unauthorized entry to construction areas and to protect existing facilities and adjacent properties from damage from construction operations and demolition.
- B. Provide barricades and covered walkways required by authorities having jurisdiction for public rights-of-way and for public access to existing buildings.
- C. Provide protection for plants designated to remain. Replace damaged plants.
- D. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.

1.18 SECURITY

- A. Security Program:
 - 1. Protect Work, and existing premises from theft, vandalism, and unauthorized entry.
 - 2. Initiate program at project mobilization.
 - 3. Maintain program throughout construction period until Owner occupancy.
- B. Entry Control:
 - 1. Restrict entrance of unauthorized persons and vehicles into Project site and existing facilities. Allow entrance only to authorized persons with proper identification.
 - 2. Maintain log of workers and visitors, make available to Owner on request.

1.19 WATER CONTROL

- A. Grade site to drain. Maintain excavations free of water. Provide, operate, and maintain pumping equipment.

- B. Protect site from puddling or running water. Provide water barriers as required to protect site from soil erosion.
- 1.20 DUST CONTROL
- A. Execute Work by methods to minimize raising dust from construction operations.
 - B. Provide positive means to prevent air-borne dust from dispersing into atmosphere.
- 1.21 EROSION AND SEDIMENT CONTROL
- Refer to the permitted drawings and specifications.
- 1.22 NOISE CONTROL
- Provide methods, means, and facilities to minimize noise from, and noise produced by, construction operations.
- 1.23 POLLUTION CONTROL
- A. Provide methods, means, and facilities to prevent contamination of soil, water, and atmosphere from discharge of noxious, toxic substances, and pollutants produced by construction operations.
 - B. Comply with pollution and environmental control requirements of authorities having jurisdiction.
- 1.24 RODENT CONTROL: Provide methods, means & facilities to prevent rodents from accessing or invading premises.
- 1.25 PROTECTION OF PROPERTY
- A. Protection of work and existing property:
 - 1. Protect existing structures, property, landscaping and other surface improvements from damage, including but not limited to sidewalks, driveways, curbs, pavements, utilities, adjoining property and structures. Provide bracing, shoring, or other means necessary for such protection.
 - 2. Prevent dust or debris from entering into adjacent areas. Take measures necessary to avoid tracking dust and mud onto adjacent streets and site finishes.
 - 3. All damage resulting from the Work of this Contract, whether inside or outside the Limits of Work, and whether private, public, or franchise utility property, shall be repaired/replaced by this Contractor to a condition equal to or better than that existing prior to the damage with no increase to the Contract Amount.
 - 4. The location of fences, trees and other landscaping, and other objects shown on the survey or the drawings is provided solely to provide the probable location of such object(s), and may not be precise or complete. Contractor shall confirm exact locations before beginning the Work.
 - B. Minimize disruption to adjacent property owners. Repair impacted property and/or facilities when damage is done.

- C. Maintain existing utility services to adjacent buildings. Schedule and conduct the Work to avoid shutdowns and interferences of services to adjacent property owners.
- D. Protection of roadways and sidewalks:
 - 1. Protect from damage existing sidewalks, curbs, gutters, aprons, driveways and other pavements. Install cribbing, wood or metal sheeting, or other such measures to minimize damage.
 - 2. Maintain existing illumination patterns for signs and roads at all times.
 - 3. Maintain existing signage at all times.
- E. Protection of existing utilities:
 - 1. Protect all existing utilities, both above and below ground, whether identified or unknown, from damage. Notify Owner and immediately of utilities encountered that were not identified on the drawings.
 - 2. Above and below ground utilities not identified on the drawings may be encountered during the course of the Work. The Contractor shall coordinate with, and pay the costs associated with, a utility locating service (see below). Existing utilities shown on the drawings represent the best information available and are based upon recorded information available to the property surveyor, or from information provided by the owners of underground facilities. Also, other work in the area may have recently installed utilities that are not shown on the Contract Documents.
 - 3. Contractor shall contact utility companies in the vicinity of this Work. No construction shall begin until utilities within and adjacent to these Limits of Work have been located and marked.
 - 4. At least two days, and not longer than ten business days prior to commencing excavation work on this site, the Contractor shall notify the Underground Utilities Location Center of the planned excavation and its schedule. The Contractor shall also notify utility providers directly who are not part of the One-Call system for locations of their facilities and/or equipment.
 - 5. All utility components that are buried (valves, manholes, vaults, or pull boxes) shall be conspicuously marked by the Contractor to allow their location to be determined by other utility personnel under adverse conditions (inclement weather or darkness). Stake end points of underground components. Color code and mark stakes to clearly identify utility types.
 - 6. If utility conflicts occur, the Contractor shall proceed with construction in other areas of the Work. In the event utilities are damaged during construction, temporary repairs must be made immediately to maintain continuity of services. Under no circumstances shall damaged utility service be left unrepaired overnight.
 - 7. In addition to marking utilities at the beginning of the Work, the Contractor shall record underground utilities on the work site after the completion of the Work.
- F. Power, Telephone and CATV lines:

1. If relocation of power lines becomes necessary, Contractor shall coordinate and pay all costs of such relocation. Contractor(s) to maintain as a minimum all Washington State Labor and Industry safety clearances.
2. Contractor shall notify the appropriate communications company one week prior to work in the vicinity of overhead lines.

H. Archaeological and historic objects:

1. All cultural resources, including isolated artifacts as well as significant historic property, shall be avoided and, if discovered, shall be actively protected to the greatest extent possible. Such resources include archaeological or historic objects such as ruins, sites, buildings, artifacts, fossils, human remains of any age, or other such objects of antiquity that may have significance from a historic or scientific standpoint.
2. At the Contractor's option, a training session can be arranged at the beginning of Work on site to brief construction personnel on cultural resource issues. The training will be led by a qualified professional archaeologist and will include information on the legal context of cultural resources protection, and on the prehistoric, ethnographic, and historic cultural resources likely to be present. The primary goal of the training will be to familiarize personnel with the procedures to be followed in the event of discovery of cultural material, and to provide contact protocols. The training will include examples and explanations of how to recognize archaeological materials.
3. If any evidence is found or unearthed that matches the criteria, immediately do the following:
 - a. Stop work in the vicinity of the discovery.
 - b. Contact the Owner, who will in turn contact a qualified Archaeological Consultant for a site assessment.
 - c. Protect the discovery from additional disturbance, and secure the discovery area (cover with a tarp to protect from weather, flag with caution tape to keep unauthorized persons from the discovery, etc.).
 - d. Expand or shrink the boundaries of the discovery area depending upon the assessment by the Consultant.
 - e. Do not resume work within the boundary until notified by the Owner and Consultant in writing that it is proper to do so.
4. Do not pick up, excavate, or otherwise disturb cultural objects or deposits. Collection of artifacts by the Contractor's personnel or any others with access to the worksite will not be tolerated.
5. If the discovery includes human remains, whether burials or isolated teeth or bones, or if other mortuary items are discovered, proceed as follows in addition to the above:
 - a. Do not photograph remains or artifacts.
 - b. Secure and protect the site as described in 3.c above and report the presence and location of these remains to the project Superintendent. The Superintendent will report the presence and location of these remains to the Owner and King County Sheriff,

who will contact the Medical Examiner (ME). The ME will assume jurisdiction over the skeletal remains and make a determination of whether those remains are forensic or non-forensic.

6. Claims for an increase in the Contract Sum and/or the Contract Time related to the discovery of archaeological or historic objects may be brought by the Contractor in accordance with Section 01 26 00 - Contract Modification Procedures.

1.26 REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS

- A. Remove temporary utilities, equipment, facilities, and materials, prior to Substantial Completion inspection.
- B. Remove abandoned underground installations to minimum depth of 2 feet. Grade site as indicated on Drawings.
- C. Clean and repair damage caused by installation or use of temporary work.
- D. Restore existing and permanent facilities used during construction to original condition. Restore permanent facilities used during construction to specified condition.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 60 00
PRODUCT REQUIREMENTS

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 SECTION INCLUDES
 - A. Products.
 - B. Product delivery requirements.
 - C. Product storage and handling requirements.
 - D. Product options.
 - E. Product substitution procedures.
 - F. Equipment electrical characteristics and components.
- 1.3 PRODUCTS
 - A. Furnish products of qualified manufacturers suitable for intended use. Furnish products of each type by single manufacturer unless specified otherwise.
 - B. Do not use materials and equipment removed from existing premises, except as specifically permitted by Contract Documents.
 - C. Furnish interchangeable components from same manufacturer for components being replaced.
- 1.4 PRODUCT DELIVERY REQUIREMENTS
 - A. Transport and handle products in accordance with manufacturer's instructions.
 - B. Promptly inspect shipments to ensure products comply with requirements, quantities are correct, and products are undamaged.
 - C. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage.
- 1.5 PRODUCT STORAGE AND HANDLING REQUIREMENTS
 - A. Store and protect products in accordance with manufacturers' instructions.
 - B. Store with seals and labels intact and legible.
 - C. Store sensitive products in weather tight, climate controlled, enclosures in an environment favorable to product.
 - D. For exterior storage of fabricated products, place on sloped supports above ground.
 - E. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.
 - F. Store loose granular materials on solid flat surfaces in well-drained area. Prevent mixing with foreign matter.
 - G. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.

- H. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

1.6 PRODUCT OPTIONS

- A. Products Specified by Reference Standards or by Description Only: Any product meeting those standards or description.
- B. Products Specified by Naming One or More Manufacturers: Products of one of manufacturers named and meeting specifications, no options or substitutions allowed.
- C. Products Specified by Naming One or More Manufacturers with Provision for Substitutions: Submit request for substitution for any manufacturer not named in accordance with the following article.

1.7 PRODUCT SUBSTITUTION PROCEDURES

See Section 01 25 13.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 70 00
EXECUTION AND CLOSEOUT REQUIREMENTS

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 Closeout requirements apply to each building as work is completed and building ready for occupancy.
- 1.3 CLOSEOUT SEQUENCE
 - A. Contractor submits Draft copies of Operations and Maintenance Data, Manual for Materials and Finishes and Manual for Equipment and Systems.
 - B. Contractor executes final cleaning per 1.6.
 - C. Contractor submits certification to Owner per 1.4.A.
 - D. Owner review(s) the project per 1.4.B.
 - E. Contractor obtains Certificate of Occupancy, Temporary Certificate of Occupancy, or final Permit sign-off.
 - F. Owner will issue Certificate of Substantial Completion per 1.4.C
 - G. Contractor submits final copies of Project Record Documents, Operations and Maintenance Data, Manual for Materials and Finishes, Manual for Equipment and Systems, and Warranties and Bonds.
 - H. Contractor submits final submittals per 1.5.
 - I. Contractor submits final application for payment.
- 1.4 FINAL PROJECT ASSESSMENT
 - A. The Contractor will submit written certification to the Owner that:
 - 1. Contract Documents have been reviewed.
 - 2. Work has been inspected, and that Work is complete in accordance with Contract Documents.
 - 3. Systems have been tested in the presence of Architect or Owner's representatives and are operational.
 - 4. Work is ready for final project inspection.
 - B. Upon receipt of certification, the Owner will (with reasonable promptness) review the project to verify completion status. Should the Owner consider that work is incomplete or defective:
 - 1. The Owner will promptly notify the Contractor in writing, listing incomplete or defective work.
 - 2. The Contractor will then take immediate steps to remedy stated deficiencies, and send second written certification to the Owner that the work is complete.
 - 3. The Owner will re-review the work.
 - C. When the Owner finds that the work is substantially complete the Owner will prepare the Certificate of Substantial Completion for acceptance the Contractor. The Certificate:

1. Indicates the Date of Substantial Completion.
2. Includes a list of items to be completed or corrected.
3. Indicates the time allowed for completion or correction of the items.
4. Indicates the date when the owner will occupy the work.
5. Describes the responsibilities for maintenance, heat, utilities and insurance between the Date of Substantial Completion and owner occupancy.

1.5 CONTRACTOR'S CLOSEOUT SUBMITTALS

- A. Provide submittals to Owner required by authorities having jurisdiction, including Certificate of Occupancy or Temporary Certificate of Occupancy.
- B. Submit project record documents.
- C. Submit evidence of all warranties and bonds to Owner as each Building is completed and for the Site when it is completed.
- D. Submit evidence of payment and release of liens to requirement of conditions of the contract.
- E. Submit a final statement of accounting identifying total adjusted Contract Sum, previous payments, and sum remaining due. Owner will prepare final change order reflecting approved adjustments to contract sum if not previously made by change orders.

1.6 FINAL CLEANING

- A. Execute final cleaning prior to final project assessment.
- B. Clean interior and exterior glass, surfaces exposed to view; remove temporary labels, stains and foreign substances, polish transparent and glossy surfaces, vacuum carpeted and soft surfaces.
- C. Clean equipment and fixtures to sanitary condition with cleaning materials appropriate to surface and material being cleaned.
- D. Replace filters of operating equipment.
- E. Clean all surfaces of electric wall heaters, inside and out.
- F. Do not use cleaning materials that will create hazards to health or property and meet green cleaning guidelines.
- G. Clean debris from roofs, gutters, downspouts, and drainage systems.
- H. Clean site; sweep paved areas, rake clean landscaped surfaces.
- I. Remove waste and surplus materials, rubbish, and construction facilities from site.

1.7 STARTING OF SYSTEMS

- A. Coordinate schedule for start-up of various equipment and systems.
- B. Notify Owner (7) seven days prior to start-up of each item.
- C. Verify each piece of equipment or system has been checked for proper lubrication, drive rotation, belt tension, control sequence, and for conditions that may cause damage.
- D. Verify tests, meter readings, and specified electrical characteristics agree with those required by equipment or system manufacturer.

- E. Verify wiring and support components for equipment are complete and tested.
- F. Execute start-up under supervision of applicable manufacturer's representative or Contractors' personnel in accordance with manufacturers' instructions.
- G. When specified in individual specification Sections, require manufacturer to provide authorized representative to be present at site to inspect, check, and approve equipment or system installation prior to start-up, and to supervise placing equipment or system in operation.
- H. Submit a written report in accordance with Section 01 33 00 - Submittal Procedures that equipment or system has been properly installed and is functioning correctly.

1.8 DEMONSTRATION AND INSTRUCTIONS

- A. Demonstrate operation and maintenance of products to Owner.
- B. Demonstrate Project equipment operation, and instruct (by qualified manufacturer representative, knowledgeable about the Project) Owner representatives in the operation of all equipment and systems.
- C. For equipment or systems requiring seasonal operation, perform demonstration for other season within (6) six months of Substantial Completion.
- D. Utilize operation and maintenance manuals as basis for instruction. Review contents of manual with Owner's personnel in detail to explain all aspects of operation and maintenance.
- E. Demonstrate start-up, operation, control, adjustment, trouble-shooting, servicing, maintenance, and shutdown of each item of equipment at agreed time, at equipment location.
- F. Prepare and insert additional data in operations and maintenance manuals when need for additional data becomes apparent during instruction.
- G. Coordinate additional instruction time for each item of equipment and system as specified in individual sections.

1.9 TESTING, ADJUSTING AND BALANCING

- A. Perform testing, adjusting, and balancing of equipment to meet manufacturer's and contract's performance specifications. Coordinate with Owner to demonstrate and record the performance testing
- B. Submit reports to Owner indicating observations and results of tests and indicating compliance or non-compliance with requirements of Contract Documents.

1.10 PROTECTING INSTALLED CONSTRUCTION

- A. Protect installed Work and provide special protection where specified in individual specification sections.
- B. Provide temporary and removable protection for installed products. Control activity in immediate work area to prevent damage.
- C. Provide protective coverings at walls, projections, jambs, sills, and soffits of openings.

- D. Protect finished floors, stairs, and other surfaces from traffic, dirt, wear, damage, or movement of heavy objects, by protecting with durable sheet materials.
- E. Prohibit traffic or storage upon waterproofed or roofed surfaces. When traffic or activity is necessary, obtain recommendations for protection from waterproofing or roofing material manufacturer.
- F. Prohibit traffic from landscaped areas.

1.11 PROJECT RECORD DOCUMENTS

- A. Maintain on site one set of the following record documents; record actual revisions to the Work:
 - 1. Drawings.
 - 2. Specifications.
 - 3. Addenda.
 - 4. Change Orders and other modifications to the Contract.
 - 5. Reviewed Shop Drawings, Product Data, and Samples.
 - 6. Manufacturer's instruction for assembly, installation, and adjusting.
- B. Ensure entries are complete and accurate, enabling future reference by Owner.
- C. Store record documents separate from documents used for construction.
- D. Record information concurrent with construction progress, not less than weekly.
- E. Specifications: Legibly mark and record at each product section description of actual products installed, including the following:
 - 1. Manufacturer's name and product model and number.
 - 2. Product substitutions or alternates utilized.
 - 3. Changes made by Addenda and modifications.
- F. Record Drawings and Shop Drawings: Legibly mark each item to record actual construction including:
 - 1. Measured depths of foundations in relation to finish floor datum.
 - 2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
 - 3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.
 - 4. Field changes of dimension and detail.
 - 5. Details not on original Contract drawings.
- G. Submit documents to Owner (2) two weeks prior to claim for final Application for Payment.
- H. Number: one original set and one full size copy, both to the Owner.

1.12 OPERATION AND MAINTENANCE INSTRUCTIONS

- A. Submit data bound in 8-1/2 x 11 inch (A4) text pages, three D side ring, with adequate capacity, and with durable plastic covers.
- B. Prepare binder cover with printed title "OPERATION AND MAINTENANCE INSTRUCTIONS", title of project, and subject matter of binder when multiple binders are required.
- C. Internally subdivide binder contents with permanent page dividers, logically organized as described below; with tab titling clearly printed under reinforced laminated plastic tabs.

- D. Drawings: Provide with reinforced punched binder tab. Bind in with text; fold larger drawings to size of text pages.
- E. Quantity: one binder and one electronic file (ex: thumb drive) to the Owner.
- F. Contents: Prepare Table of Contents for each volume, with each product or system description identified, typed on white paper, in three parts as follows:
 - 1. Part 1:
 - a. Directory, listing names, addresses, and telephone numbers of Architect/Engineer, Contractor, Subcontractors, and major equipment suppliers.
 - 2. Part 2: Operation and maintenance instructions, arranged by system and subdivided by specification section. For each category, identify names, addresses, and telephone numbers of Subcontractors and suppliers. Identify the following:
 - a. Significant design criteria.
 - b. List of equipment.
 - c. Parts list for each component.
 - d. Operating instructions: refer to Equipment and Systems 1.12 below.
 - e. Maintenance instructions for equipment and systems.
 - f. Maintenance instructions for special finishes, including recommended cleaning methods and materials, special precautions identifying detrimental agents, and recommended schedule for cleaning and maintenance.
 - g. Building products, applied materials and finishes: include product data with catalog number, size, composition and color/texture designations.
 - 3. Part 3: Project documents and certificates, including the following:
 - a. Shop drawings and product data.
 - b. Air and water balance reports.
 - c. Certificates.
 - d. Photocopies of warranties and bonds.

1.13 MANUAL FOR EQUIPMENT AND SYSTEMS

- A. Include the following in "Operating Instructions", Part 2 of the Operations and Maintenance Instructions book.
- B. Each Item of Equipment and Each System: Include description of unit or system, and component parts. Identify function, normal operating characteristics, and limiting conditions. Include performance curves, with engineering data and tests, and complete nomenclature and model number of replaceable parts.
- C. Panelboard Circuit Directories: Provide electrical service characteristics, controls, and communications; typed.
- D. Operating Procedures: Include start-up, break-in, and routine normal operating instructions and sequences. Include regulation, control, stopping, shut-down, and emergency instructions. Include summer, winter, and special operating instructions.
- E. Maintenance Requirements: Include routine procedures and guide for preventative maintenance and troubleshooting; disassembly, repair, and

reassembly instructions; and alignment, adjusting, balancing, and checking instructions.

- F. Include servicing and lubrication schedule, and list of lubricants required.
- G. Include manufacturer's printed operation and maintenance instructions.
- H. Include sequence of operation by controls manufacturer.
- I. Include original manufacturer's parts list, illustrations, assembly drawings, and diagrams required for maintenance.
- J. Include control diagrams by controls manufacturer as installed.
- K. Include Contractor's coordination drawings, with color-coded piping diagrams as installed.
- L. Include charts of valve tag numbers, with location and function of each valve, keyed to flow and control diagrams.

1.14 PRODUCT WARRANTIES AND PRODUCT BONDS

- A. As each building is completed, obtain warranties and bonds executed by responsible subcontractors, suppliers, and manufacturers; with starting date of warranty and bonds to be the Certificate of Occupancy or Final Permit sign-off for each building. Starting date for all Site and Landscape related warranties and bonds to be the date Substantial Completion.
- B. Execute and assemble transferable warranty documents and bonds from subcontractors, suppliers, and manufacturers.
- C. Verify documents are in proper form, contain full information, and are notarized.
- D. Co-execute submittals when required.
- E. Include Table of Contents and assemble in three D side ring binder with durable plastic cover.
- F. Submit prior to final Application for Payment.
- G. Quantity: one binder and one electronic file (ex: thumb drive) to the Owner.
- H. Time of Submittals:
 - 1. For equipment or component parts of equipment put into service during construction with Owner's permission, submit documents within (10) ten days after acceptance, listing date of acceptance by Owner as beginning of warranty or bond period.
 - 2. Make other submittals within (7) seven days after Date of Substantial Completion, prior to final Application for Payment, listing date of Substantial Completion as beginning of warranty or bond period.
 - 3. For items of Work for which acceptance is delayed beyond Date of Substantial Completion, submit within (7) seven days after acceptance, listing date of acceptance as beginning of warranty or bond period.

PART 2 PRODUCTS (Not Applicable)

PART 3 EXECUTION (Not Applicable)

END OF SECTION

SECTION 01 73 29
CUTTING AND PATCHING

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract.
- 1.2 WORK INCLUDED
 - A. Coordinate related requirements specified in other parts of the project manual.
 - B. The General Contractor is responsible for all cutting, fitting, and patching, including attendant excavation and backfill required to complete the work, and to make its several parts fit together properly.
 - 1. Uncover portions of the work to provide for installation of any ill-timed work.
 - 2. Remove and replace defective work.
 - 3. Remove and replace work not conforming to requirements of contract documents.
 - 4. Remove samples of installed work as specified for testing.
 - 5. Provide routine penetrations of non-structural surfaces for installation of piping and electrical conduit.
 - 6. For additional requirements for cutting, excavating, and backfilling, see respective specifications sections.
- 1.3 SUBMITTALS
 - A. Submit written request to Owner well in advance of executing any cutting affecting:
 - 1. The work of the Owner or separate contractor.
 - 2. Structural value or integrity of any element of project.
 - 3. Integrity or effectiveness of weather-exposed or moisture-resistant elements or systems.
 - 4. Efficiency, operational life, maintenance, or safety of operational elements.
 - 5. Visual qualities of sight-exposed elements.
 - B. Include with Request:
 - 1. Project identifications.
 - 2. Description of affected work.
 - 3. Necessity for cutting or excavating.
 - 4. Effect on work of Owner or any separate Contractor, or on structural or weather-protection integrity of project.
 - 5. Description of proposed work; extent of cutting, patching, or excavating:
 - 6. Name of trades to be executing the work.
 - 7. Products proposed to be used.
 - 8. Extent of refinishing to be done.
 - 9. Alternative to cutting and patching.
 - 10. Cost proposal.
 - 11. Written permission of any separate contractor whose work will be affected.

- C. Should work conditions or schedule indicate change of product from original installation, submit substitution request as specified in Section 01 25 13.
- D. Submit written notice to Architect designating when work will be uncovered.

PART 2 PRODUCTS

2.1 GENERAL QUALIFICATIONS

Comply with "Quality Assurance" provisions, "References", specifications, and manufacturer's data. Where these may be in conflict, the more stringent requirements govern.

PART 3 EXECUTION

3.1 INSPECTION

- A. Inspect existing conditions of project, including elements subject to damage or movement during cutting and patching.
- B. After uncovering work, inspect conditions affecting product installations or work performance.
- C. Submit written reports to Owner of unsatisfactory work or questionable conditions. Do not proceed with work until Architect issues further instruction.

3.2 PREPARATION

- A. Provide adequate temporary support as necessary to assure integrity of affected work portion.
- B. Provide devices and methods protecting other portions of project from damage.
- C. Provide protection from elements for work exposed by cutting and patching.

3.3 PERFORMANCE

- A. Execute cutting and removals by methods preventing damage to other work. Provide proper surfaces to receive repairs.
- B. Execute any required excavating and backfilling by methods preventing settlement or damage to other work.
- C. Employ qualified installer or fabricator to perform cutting and patching for sight-exposed finished surfaces.
- D. Employ skilled and experienced installer to perform cutting and patching.
- E. Execute fitting and adjustment of products to provide finished installations complying with specified products, functions, tolerances, and finishes.
- F. Restore work cut or removed. Install new products as required to complete work in accordance with contract documents.
- G. Provide and install all required fire stopping. Fit work airtight to pipes, sleeves, and other surface penetrations. Maintain required clearance around pipe in accordance with National Fire Protection Association NFPA-13.

- H. Refinish entire surfaces as necessary to provide even finish matching adjacent finishes:
 - 1. For continuous surfaces, refinish to nearest intersection.
 - 2. For an assembly, refinish the entire unit.
- I. Submit written request in advance of cutting or altering elements affecting:
 - 1. Structural integrity of element.
 - 2. Integrity of weather-exposed or moisture-resistant elements.
 - 3. Efficiency, maintenance, or safety of element.
 - 4. Visual qualities of sight exposed elements.
 - 5. Work of Owner or separate contractor.
- J. Execute cutting, fitting, and patching, including excavation and fill, to complete Work, and to:
 - 1. Remove samples of installed Work for testing.
 - 2. Provide openings in elements of Work for penetrations of mechanical and electrical Work.
- K. Execute work by methods to avoid damage to other Work, and to provide proper surfaces to receive patching and finishing.
- L. Cut masonry and concrete materials using masonry saw or core drill.
- M. Restore Work with new products in accordance with requirements of Contract Documents.
- N. Fit Work tight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces.
- O. Maintain integrity of wall, ceiling, or floor construction; completely seal voids.
- P. At penetrations of fire rated walls, partitions, ceiling, or floor construction, completely seal voids with appropriate fire rated material, in accordance with Section 07 84 00, to full thickness of penetrated element.
- Q. Refinish surfaces to match adjacent finishes. For continuous surfaces, refinish to nearest intersection; for assembly, refinish entire unit.
- R. Identify hazardous conditions exposed during the Work to Owner for decision or remedy.
- S. Identify hazardous substances exposed during the Work to Owner for decision or remedy.

3.4 SPECIAL PROCEDURES

- A. Materials: As specified in product sections, match existing with new products, and salvaged products where appropriate, for patching and extending work.
- B. Employ skilled and experienced installer to perform alteration work.
- C. Cut, move, or remove items as necessary for access to alterations and renovation Work. Replace and restore at completion.
- D. Remove unsuitable material not marked for salvage, including rotted wood, corroded metals, and deteriorated masonry and concrete. Replace materials as specified for finished Work.
- E. Remove debris and abandoned items from area and from concealed spaces.

- F. Prepare surface and remove surface finishes to permit installation of new work and finishes.
- G. Close openings in exterior surfaces to protect existing work from weather and extremes of temperature and humidity.
- H. Remove, cut, and patch Work in manner to minimize damage and to permit restoring products and finishes to original and/or specified condition.
- I. Refinish existing visible surfaces to remain in renovated rooms and spaces, to specified and/or renewed condition for each material, with neat transition to adjacent finishes.
- J. Where new Work abuts or aligns with existing, provide smooth and even transition. Patch Work to match existing adjacent Work in texture and appearance.
- K. When finished surfaces are cut so that smooth transition with new Work is not possible, terminate existing surface along straight line at natural line of division and submit recommendation to Owner for review.
- L. Where change of plane of 1/16 inch or more occurs, submit recommendation for providing smooth transition; to Owner for review/approval.
- M. Trim existing doors to clear new floor finish. Refinish trim to original or specified condition.
- N. Patch or replace portions of existing surfaces that are damaged, lifted, discolored, or showing other imperfections.
- O. Finish surfaces as specified in individual product sections.

END OF SECTION

SECTION 01 74 19
CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

PART 1 GENERAL

- 1.1 Conform to the requirements of Division 00 and Division 01, including the General Conditions, Special Conditions, and Supplementary Conditions of the Contract as well as the requirements of the Evergreen Sustainable Development Standards v.4.0 (ESDS).

1.2 DESCRIPTION

This Section includes requirements for construction waste management, including temporary facilities, waste handling and administrative procedures. A construction waste management plan is a requirement of this contract. The Contractor shall create the plan, submit it for review and approval by the Architect and Owner, and require all sub-contractors to comply with it. The project team will review waste diversion receipts and reports at each weekly job meeting.

1.3 PROJECT MINIMUM REQUIREMENT – ESDS v. 4.0

This project requires that a minimum of seventy-five percent (75%) of construction waste to be diverted from landfill disposal to acceptable disposal sites. Record the diversion rate for land clearing and/or demolition separately from the rate for the new construction phase of the project. Facilities must be licensed per Federal, State or local requirements applicable under law and should demonstrate through legally permitted/certified weight scales and operations/management reporting whether or not required by law, their ability to accurately track the material flow balance of their facility at least on a monthly basis. The facilities receiving the materials must be able to document the totals and types of materials diverted from landfill, per the materials delivered from the project. The facility must have in place a legitimate and transparent method of tracking incoming and outgoing materials, or internally processed, with outlets and their reuse, recycling and disposal rates. Waste diversion strategies can include recycling and/or third-party scrap reuse as well as on-site grinding of engineered lumber, untreated cellulosic material and gypsum for use as a soil amendment. Strategies that cannot be used are scrap reuse by the builder, burying unground material on site, packing unused materials into wall cavities, grinding treated/finished wood as soil amendment or incineration, even waste to energy applications. (Refer to ESDS 6.03)

1.4 RELATED SECTIONS

- A. Section 01 10 00 – Summary of the Work.
- B. Section 01 33 00 – Submittal Procedures.
- C. Section 01 81 15 – Evergreen Sustainable Design Standards
- D. Division 2 through 33. Individual sections contain specifics relating to Construction Waste Management.

1.5 REFERENCES

- A. ESDS Criteria 6-3.
- B. List of recycling centers and waste recyclers: Washington State Department of Ecology, Recycling, and (360) 397-6118 ext. 4352.

- C. Industrial Materials Exchange (IMEX), Hazardous Waste Management Program, King County, Washington.
- D. Material Donation: Habitat for Humanity, (360) 956-3456.
- E. The "Recycling Plus Program Manual" published by the Washington State Clean Washington Center can be used to develop a job site reduction program. The manual includes a job-site recycling worksheet and form, tips on waste reduction, and other technical assistance. The manual also includes sample language for waste reduction requirements for subcontractors' agreements, as well as sample provisions for a full-service recycling agreement.
- F. King County Construction Waste Recycling Handbook

1.6 DEFINITIONS

- A. Construction Waste: For purpose of this section, includes all non-hazardous solid wastes resulting from construction, remodeling, alterations, repair, demolition and land clearing.
- B. Hazardous Waste: As defined by Washington State Department of Ecology. Refer also to the hazardous materials report authored by the Owner's special consultant and provided by the Owner.
- C. Proper Disposal: As defined by the jurisdiction receiving the waste.
- D. Recyclable Materials: Products and materials that can be recovered and remanufactured into new products. Recyclable materials include, but are not limited to, the following:
 - 1. Asphalt paving
 - 2. Portland cement concrete
 - 3. Brick and masonry
 - 4. Land clearing debris
 - 5. Native rock and granular fill
 - 6. Wood products
 - 7. Ferrous Metals
 - 8. Non-ferrous metals
 - 9. Mechanical electrical equipment
 - a. Gypsum products
 - b. Acoustical ceiling tile
 - c. Cardboard and plastic film
 - d. Office recycling, including paper, glass, plastic, and cans
 - e. Carpet and padding
 - f. Oil used for equipment
 - g. Fluorescent lights and ballasts
 - h. Batteries
- E. Recycling: The process of sorting, cleaning, treating and reconstituting materials for the purpose of using the material in the manufacture of a new product. Can be conducted on site (as in the grinding of concrete for reuse on site).
- F. Recycling Facility: An operation that can legally accept materials for the purpose of processing the materials into an altered form for the manufacture of a new product. Recycling facilities have their own specifications for accepting materials.
- G. Salvage and Reuse: Existing usable product or material that can be saved and reused in some manner on the project site. Materials that can be salvaged and

reused on site must comply with the applicable technical specifications and include, but are not limited to, the following: **None.**

- H. Salvage for Resale: Existing usable product or material that can be saved and removed intact (as is) from the project site to another site for resale to others without remanufacturing.
- I. Source-separated Materials: Materials that are sorted at the site for the purpose of reuse or recycling.
- J. Trash: Product or material unable to be salvaged for resale, salvaged and reused, returned, or recycled.
- K. Waste: For the purpose of this section, the term applies to all excess materials, including materials that can be recycled, unless otherwise indicated.

1.7 REQUIREMENTS (refer to 1.3 as well)

- A. Minimize the creation of construction and demolition waste on the job site. Minimize factors that contribute to waste, such as over packaging, improper storage, ordering error, poor planning, breakage, mishandling, and contamination.
- B. Reuse, salvage, or recycle waste materials to greatest extent possible. Divert construction, demolition, and land clearing debris from landfill disposal. Redirect recyclable material back to manufacturing process wherever feasible.
- C. Landfill Diversion: Owner has set the following waste reduction goals for the project:
 - 1. A minimum of seventy-five percent (75%) of construction debris shall be diverted from landfill disposal to acceptable alternative disposal sites.
 - 2. Measurement of diversion rate is based upon weight of materials, dry, in pounds or tons, or volume, in cubic yards. Only one method may be used.
 - 3. If co-mingled recycling services are used, the recycling service must be required to provide hauling receipts outlining what percentage of weight was diverted from landfill.
 - 4. The following waste categories shall be diverted from landfill at a minimum:
 - a. Land-clearing debris
 - b. Excavated soils
 - c. Clean dimensional wood, pallet wood
 - d. Plywood, OSB, and particleboard
 - e. Concrete
 - f. Asphalt
 - g. Cardboard, paper, paper-based packaging
 - h. Metals
 - i. Gypsum drywall (unpainted)
 - j. Paint
 - k. Glass
 - l. Plastics
 - m. Carpet and pad: 100% Reclamation
 - n. Paper: including blueprints.
 - o. Acoustic ceiling tiles
 - p. Fiberglass (solid)

- q. Film plastic (from shrink wrap and other packaging, and sheeting uses as protection or erosion control)
 - r. Fluorescent tubes and ballasts (if not recycled, designate as hazardous waste)
 - s. Non-asbestos asphalt roofing
 - t. Plate glass
 - u. Porcelain
5. These goals are consistent with the 1997 "Statement on Voluntary Measures to Reduce, Recover, and Reuse Building Construction Site Waste" released by the American Institute of Architects and the Associated General Contractors of America, and Executive Order 13101.

1.8 SUBMITTALS

- A. Construction Waste Management Plan: Prior to commencing construction, demolition or waste removal, whichever occurs sooner, the Contractor shall prepare and submit a written Construction Waste Management Plan to the Architect in accordance with Section 01 33 00. The Plan shall include the following:
- 1. Waste Materials: A list of waste materials that will be salvaged for resale, salvaged and reused, and recycled. The list to address packaging materials including banding, crates, pallets, plastic film, polystyrene and cardboard (packaging waste constitutes 15% of the waste stream).
 - 2. Estimated quantities of materials for each waste stream.
 - 3. Haulers: Name, address and phone number for each hauler providing service.
 - 4. Facilities: Identification of each recycling facility to be utilized.
 - 5. Separation and Protection: Description of the method to be employed in handling waste materials and description of the method that will be used to protect recycled materials from contamination.
 - 6. Transportation: Description of the means of transportation of waste materials and the destination of the materials.
 - 7. Subcontractor Participation: A description of requirements for subcontractors to adhere to that includes waste prevention measures such as salvage for resale or reuse and recycling for the waste materials generated by each subcontractor's scope of work, including packaging and shipping materials.
 - 8. Meetings: A description of the regular meetings held in which waste management will be addressed.
- B. Approval by the Architect and the Owner of the Contractor's Construction Waste Management Plan will not relieve the Contractor of responsibility for adequate and continuing control of pollutants and other environmental protection measures specified.
- C. Issue a copy of the complete approved Construction Waste Management Plan to each Subcontractor before they commence work on the site. Confirm to the Architect in writing that each Subcontractor has received a copy of the approved Construction Waste Management Plan.
- D. Waste Management Report: Reports updates are required monthly prior to Application for Payment. Include the following:

1. The amount (in tons or cubic yard of material) of material land-filled from the Project.
 2. The amount (in tons or cubic yard of material) and type of waste materials salvaged for sale, salvaged for reuse, and recycled.
 3. Totals, including: trash generated by weight and percentage of total; waste materials generated by weight and percentage of total identified by salvaged for resale, salvaged for reuse, or recycled; cost savings; and percentage of disposal fees saved.
- E. Final Report: Provide calculations on total construction waste recycling rates, salvage rates, and landfill rates. Demonstrate compliance with performance requirement.

1.9 MEETINGS

Conduct Construction Waste Management meetings. Include subcontractors affected by the Construction Waste Management Plan. At a minimum, waste management goals and issues shall be discussed at the following meetings:

- A. Pre-Bid meetings.
- B. Pre-construction meeting: The Pre-construction meeting shall include a discussion of the proposed Solid Waste Management and Environmental Protection Plan and of the details of environmental protection, waste reduction, recycling, disposal, and waste water management programs.
- C. Regularly scheduled progress meetings per Section 01 30 00 Administrative Requirements.

1.10 REVENUES

Revenues or other savings obtained from recycling, reused, or salvaged materials shall accrue to the Contractor.

PART 2 PRODUCTS

2.1 WASTE CONTAINERS

- A. Durable, covered, secured, reusable container for each category or waste.
- B. Signs for each container: At least 6 feet by 3 feet, exterior grade panel, painted, message in large letters identifying waste category and waste disbursement subcontractor.

PART 3 EXECUTION

3.1 PROJECT / SITE CONDITIONS

- A. Use construction methods that reduce construction waste. When possible:
 1. Order materials precut to required size.
 2. Order exact quantity required.
 3. Use temporary materials & facilities that will be reused at other projects.
- B. Field Measurements: Contractor is to verify that field measurements are as indicated on construction and/or shop drawings before confirming product orders or proceeding with work, in order to minimize waste due to excessive materials.

- C. Protect products from damage during storage, installation and in-place. Materials that become wet, damp or unusable for any reason due to improper storage shall be replaced at the Contractor's expense.
- D. Request or require products delivered to the site with packing materials that can be returned to sender, reused by others, or easily recycled.
- E. Use detailed take-offs to identify location and uses in structure to reduce risk of unplanned and potentially wasteful cuts.

3.2 PACKING AND SHIPPING

- A. Shipping: Coordinate the schedule of product delivery to designated prepared areas in order to minimize site storage time and potential damage to stored materials.
- B. Packing: Arrange for the return of packing materials, such as wood pallets, where economically feasible.

3.3 CUTTING AND PATCHING

- A. Use on-site waste as supports, backing, blocking, furring, suspension systems, and the like wherever possible.
- B. Provide environmentally benign non-hazardous or recycled content materials for cutting and patching.

3.4 CONSTRUCTION WASTE MANAGEMENT IMPLEMENTATION

Implement and maintain, for the duration of the project, the construction waste management program including the following:

- A. Manager: The Contractor shall designate an on-site person (or persons) responsible for instructing workers and overseeing and documenting results of the Construction Waste Management Plan for the Project.
- B. Distribution: The Contractor shall distribute copies of the Construction Waste Management Plan to the Job Site Foreman, each Subcontractor, the Owner, and the Architect.
- C. Instruction: The Contractor shall provide on-site instruction of appropriate separation, handling, and recycling, salvage, reuse, and return methods to be used by all parties at the appropriate stages of the Project.
- D. Separation facilities: The Contractor shall lay out and label a specific area to facilitate separation of materials for potential recycling, salvage, reuse, and return. Provide the necessary containers and bins, to facilitate the waste management program. Recycling and waste bin areas are to be kept neat and clean and clearly marked in order to avoid contamination of materials. Separate construction waste at the project site by one of the following methods:
 - 1. Source Separated Method: Waste products and materials, that are recyclable, are separated from trash and sorted into appropriately marked separate containers and then transported to the respective recycling facility for further processing. Trash is transported to a landfill.
 - 2. Co-Mingled Method: Selected waste materials are placed into a single container and then transported to a recycling facility where the recyclable materials are sorted and processed and the remaining trash and waste materials are handled separately.

- 3. Other methods proposed by the Contractor and approved by the Architect and the Owner.
- E. Materials Handling Procedures: Protect materials to be recycled from contamination. Handle, store, and transport materials in a manner that meets the requirements of the designated facilities for acceptance.
- F. Hazardous Wastes: Separate, store, and dispose of hazardous waste according to local regulations and the recommendations of the Owner's Special Consultant.
- G. As part of regular clean-up schedule visual inspections of dumpsters and recycling bins to identify potential contamination of materials.

END OF SECTION

SECTION 01 81 15

EVERGREEN SUSTAINABLE DEVELOPMENT STANDARD v 4.0

PART 1 GENERAL

1.1 DESCRIPTION

To be eligible for Low Income Housing Tax Credits (LIHTC) from the Washington State Housing Finance Commission, a project must comply with all of the relevant mandatory provisions of the Evergreen Sustainable Development Standard (ESDS) v 4.0. criteria. In addition, substantial rehab projects must earn 50 points from the Optional Criteria. The WSHFC may waive compliance with specific criteria if the applicant can demonstrate that the criterion creates a hardship or is inadvisable for a specific project and that alternative means meet the intent of the criteria.

1.2 WORK INCLUDED

- A. The Program consists of a combination of the following standards: Evergreen Sustainable Development Criteria.
 - 1. The Evergreen Checklist is at the end of this Section. The Contractor is required to participate, with the Owner & Architect, in this effort, regardless of the Owner's intent to certify the project.
 - 2. The program generally consists of eight environmental categories: Integrative Process, Location & Neighborhood Fabric, Site Improvements, Water Conservation, Energy Efficiency, Materials, Healthy Living Environment, and Operations, Maintenance & Resident Engagement. Points are awarded for accomplishments in each credit area, and are added together to arrive at a total score for each building.
 - 3. Performance-based product criteria are specified in many Sections of this Manual to achieve the requirements of a credit. Careful attention to the specifications will be essential to achieving the sustainable goals of the project and to becoming certified.
- B. The Owner has set the following specific requirements for this project:
 - 1. Improve the life of our City/Community: Provide an appropriate and attractive asset that contributes to the fabric of the neighborhood.
 - 2. Optimize the cost effectiveness of materials and durability over the life of the building.
 - 3. Minimize operations and maintenance responsibilities of building management and residents.
 - 4. Provide optimal conditions for resident health and well-being.
 - 5. Optimize energy conservation.
 - 6. Optimize water conservation.

1.3 CERTIFICATION FOR EVERGREEN

- A. To satisfy program requirements, applicant buildings must satisfy all relevant prerequisites and the number of credit points defined in the checklist. The Contractor shall comply with documentation and verification when required for the program certification.

- B. Green building requirements have been incorporated into the design, specifications and General Requirements of this project in support of the credits available in the checklist.
- C. There are a number of submittals and submittal requirements required from the General Contractor and subcontractors to satisfy the program. Refer to Section 01 33 00 for Submittal Procedures.

1.4 RELATED WORK

- A. Coordinate the work of this section with work specified in other parts of this Project Manual, including but not limited to:
 - 1. Section 01 10 00 – Summary of Work
 - 2. Section 01 33 00 – Submittal Procedures.
 - 3. Section 01 74 19 - Construction Waste Management and Disposal.
 - 4. Section 01 81 19 – Indoor Air Quality (IAQ) Requirements.
 - 5. Divisions 01-33 for requirements specific to the Work of each of these sections.
- B. Refer to attached ESDS checklist for standards integrated into the project manual and drawings.

1.5 REFERENCE STANDARDS

- A. Evergreen Sustainable Development Criteria, Version 4.0
- B. Rule 1168 of the South Coast Air Quality Management District
- C. Rule 1113 of the South Coast Air Quality Management District
- D. Green Seal Standard GS-11
- E. Green Seal Standard GS-03, Anti-Corrosive Paints
- F. Regulation 8 Rule 51 of the Bay Area Air Quality Management District
- G. 2018 Washington State Residential Energy Code

1.6 COORDINATION

- A. Waste management coordination: Coordinate recycling of materials with Owner and as required to conform to the Construction Waste Management Plan in Section 01 74 19.
- B. Air quality management coordination: Contractor and sub-contractors must be coordinated as specified in Section 01 81 19 – Indoor Air Quality (IAQ) Requirements.

1.7 SPECIFIC REQUIREMENTS

- A. Contractor's Responsibilities: The design intent and the Contract Documents provide the opportunity for the program points to be achieved, and participation from the Contractor is required to achieve the program goals. The Contractor acknowledges that, as a condition of bidding (or subcontractor bidding) this Project, the Contractor will make every reasonable effort to perform the Work in such a way as to enable the stated goals to be achieved. To this end, the Contractor's responsibilities include, but are not limited to the following:

1. Compliance with all requirements of the Contract Documents including submittal of all required documentation in this section & in all other specification sections 01-33.
 2. Compliance with the requirements of the program. However, performance criteria for all products and materials with respect to health, safety, and durability, shall take precedence over the green building criteria. The Contractor shall inform the Owner and Architect of any known conflicts that may result between noted "Green" products or materials and the health, safety, and durability characteristics of the products or materials.
 3. Assisting the Owner and Architect with documentation for final program certifications as set forth in the Contract Documents.
 4. If it is determined, during the course of the Work, that other program points (not previously noted to be obtained) may be achievable, the Contractor shall cooperate with and assist the Owner and Architect in obtaining other points. If obtaining such points requires an adjustment in the Contract Sum, adjustments shall be made as provided in the General Conditions for Changes to the Work.
 5. Designating a green-building advocate within the Contractor's organization who will be responsible for ensuring compliance with the requirements.
 6. The Contractor shall assist the Architect in tracking the use of materials using the checklist for reference. Included, but not limited to, are material quantities, costs, the percentage of post-consumer and post-industrial recycled content, and substantiating chain of custody for certain products.
- B. The Contractor will determine that conditions of construction comply with the program requirements. Do not proceed with work until unsatisfactory conditions have been corrected.
- C. Correction of work nonconforming with the certification requirements shall be performed at Contractor's expense. Contractor shall provide the necessary documentation to show compliance of corrected work. The Architect will be the sole judge in determining compliance with certification requirements.
- D. Performance-based product criteria are specified in many of the Sections of this Manual to achieve the requirements of the certification. Careful attention to the specifications will be essential to achieving the sustainable goals of the project.
- E. Some products specified may have limited suppliers and supply. Therefore, it is advisable to initiate the ordering of these products as early in the construction process as possible. For example, certified wood is available from several sources but is milled only on demand, and a sufficient lead-time is required to ensure a timely delivery.
- 1.8 GENERAL CONTRACTOR'S COST FOR CERTIFICATION
- A. General Contractor shall include a separate line item and dollar amount in the Schedule of Values for those costs associated with program certification, including the proportional amount of the General Contractor's overhead and profit. The line item shall be entitled "Green Building Certification". Separate line item costs shall include, but not be limited to the following:

1. Green building advocate assigned to the project by the General Contractor.
2. Development of the Waste Management Plan and IAQ Plan as specified in this Manual. Include the costs of implementing and managing both plans.
3. Commissioning responsibilities as outlined in Mechanical and Electrical Sections.

1.9 DEFINITIONS

- A. Green Building Program: As noted in paragraph 1.1 above.
- B. "Green": if used in the context of the program requirements, shall be synonymous with the term "sustainable".
- C. Certificates of Chain of Custody: When products are specified to contain certified woods, provide Certificates signed by manufacturers certifying that wood used to make products was obtained from forests certified by a Forest Stewardship Council (FSC)-accredited certification body to comply with FSC 1.2, "Principles and Criteria." Certificates shall include evidence that mill is certified for chain-of-custody by an FSC-accredited certification body.
- D. Rapidly Renewable Materials: Materials made from agricultural products that are typically harvested within a ten-year or shorter cycle. Rapidly renewable materials specified for this project may include products made from sunflower seed hulls and wheat.
- E. Regionally Manufactured Materials: Materials that are manufactured within 500 miles from the Project location. Manufacturing refers to the final assembly of components into the building product that is installed at the Project site
- F. Regionally Extracted, Harvested, or Recovered Materials: Materials that are extracted, harvested, or recovered within 500 miles of the Project site.
- G. Post-Industrial Waste: A material which has been generated as a by-product of a given process which has properties significantly different than those of the original material and therefore, in its current form, cannot be recycled back through the same general process.
- H. Post-Consumer Waste: A product or package that has been discarded by an individual, commercial enterprise, or other public or private entity after having fulfilled its intended application or use.
- I. The value of recycled content of an item shall be determined by dividing the weight of recycled content in the item by the total weight of all material in the item, then multiplying the resulting percentage by the value of the item.
- J. Recycled content materials shall be defined in accordance with the Federal Trade Commission document, *Guides for the Use of Environmental Marketing Claims*, 16 CFR 260.7 (e), available at www.ftc.gov/bcp/grnrule/guides980427.htm.
- K. Mechanical and electrical components and equipment such as elevators shall not be included in the calculation of cost of project materials.

1.10 SUBMITTALS

- A. General: Comply with Section 01 33 00 Submittal Procedures, this section and specific submittal requirements of Sections 02 - 33. Refer to the Checklist attached to this specification section for a list of program points being pursued for the project. Specific action required of the Contractor is listed for each credit point.

1.11 MEETINGS

- A. All weekly project meetings will incorporate discussion of ESDS requirements including, but not limited to, submittals, progress, inspections, material choices and compliance.
- B. The Evergreen Project Manager will be available for additional meetings with subcontractors to ensure compliance with the requirements.

PART 2 PRODUCTS

2.1 GENERAL

- A. Refer to individual specification sections and the checklists attached to this section for product information pertaining to program requirements.

PART 3 EXECUTION

3.1 PROGRAM COMPLIANCE, GENERAL

- A. Determine that conditions of construction are acceptable to comply with program requirements. Do not proceed with the Work until unsatisfactory conditions have been corrected in a manner acceptable to the Owner and Architect.
- B. Correction of work that is non-complying with program requirements, or that is judged by the Owner/Architect to potentially compromise the requirements of the program, shall be performed at the Contractor's expense. Contractor shall provide the necessary documentation to demonstrate compliance of the corrected work.
- C. The checklists attached to this Section provide a summary of all possible program points. The Contractor shall be responsible for all specific requirements identified within the Specifications (Sections 01-33), using this table as an overall checklist and for reference. As the checklist is completed, any discrepancies that become apparent between the checklist and the other contract documents, the Contractor shall bring such discrepancy to the attention of the Owner and Architect for resolution.

END OF SECTION

Evergreen Standard (v4.0) Checklist

INSTRUCTIONS: Do not leave any cells blank.

For Mandatory Criteria:

- Indicate with a capital "X" all criteria that apply to your project in the Points column.
- Select "N/A" if the criterion does not apply to your project.

For Optional Criteria:

- New Construction projects must achieve 50 points; Rehab projects must achieve 40.
- Enter the appropriate number of optional points you are claiming in the Points column, or 0 if no points are selected.

Evergreen Sustainable Development Standard v4.0 Checklist

Project Name:	Kirkland Heights - Building 8 Substantial Rehabilitation	January 10, 2022
Site Name:	Kirkland Heights, 13310 NE 133rd Street, Kirkland WA 98034	
Site Region:	Urban	
Site Activity:	New Construction	
Project Type:	Rental	

Design Element: Integrative Process

#	Title	Requirement Type/Optional Points	Points
1.01 a	Integrative Process Planning	Mandatory	X
b	Integrative Design: Documentation	Mandatory	X
c	Integrative Design: Construction Management	Mandatory	X
d	Integrative Design: Post Occupancy Evaluation	Optional 6 Points	0
1.02	Advanced Tools	Optional up to 13 Points	Select...
1.03	Beyond ADA: Universal Design	Optional 8 Points	0
1.04	Healing-Centered Design	Optional 8 Points	0
1.05	Active Design: Promoting Physical Activity	Optional 8 Points	0
Section 1 SUBTOTAL			0

Design Element: Location & Neighborhood Fabric

#	Criterion Title	Requirement Type/Optional Points	Points
2.01	Appropriate Project Siting	Mandatory	X
2.02 a	Connections to Existing Development & Infrastructure	Mandatory for Urban New Construction	X
b	Connections to Existing Development & Infrastructure		
2.03 a	Compact Development	Mandatory for New Construction	n/a
b	Compact Development: Higher Density	Optional 5 Points for New Construction	0
2.04 a	Access to Services	Mandatory for New Construction	X
b	Enhanced Access to Services	Optional 5 Points	5
2.05 a	Access to Transit	Mandatory for New Construction	n/a
b	Enhanced Access to Transit	Optional 2, 6, or 8 Points	0
2.06 a	Preservation of and Access to Open Space		
b	Preservation of and Access to Urban Open Space	Optional for Urban 2 or 4 Points	4
2.07	Walkable Neighborhoods - Sidewalks & Pathways	Mandatory Except for Tribal	X
2.08	Reducing Private Automobile Use	Optional Up to 5 Points	2
2.09	Greyfield, Brownfield, or Adaptive Reuse Site	Optional 5 or 7 Points	0
2.10	Access to Fresh, Local Foods	Optional 3 Points	3
2.11	Locating in Certified Communities	Optional 8 Points	0
2.12 a	Access to Broadband: Broadband Ready	Mandatory	X
b	Access to Broadband: Connectivity	Optional 6 Points	6
Section 2 SUBTOTAL			20

Design Element: Site Improvements

#	Criterion Title	Requirement Type/Optional Points	Points
3.01	Environmental Remediation	Mandatory	X
3.02 a	Landscaping	Mandatory	X
b	Advanced Landscaping	Optional 5 Points	0
c	Landscaping- Significant Trees	Optional up to 5 Points	5
3.03	Efficient Irrigation	Mandatory	X

3.04	Storm Drain Labels	Mandatory	X
Section 3 SUBTOTAL			5
Design Element: Water Conservation			
#	Criterion Title	Requirement Type/Optional Points	Points
4.01 a	Water-Conserving Fixtures	Mandatory	X
b	Advanced Water-Conserving Fixtures	Optional up to 6 Points	4
4.02 a	Leak Detection		
b	Leak Detection Pre-Acquisition		
4.03 a	Lead Service Lines in Existing Buildings		
b	Lead Service Lines in New Buildings	Optional 3 Points for New Construction with Demolition	0
4.04 a	Water Metering – New Construction	Optional 2 Points for New Construction	2
b	Water Metering - Rehab		
4.05	Water Reuse	Optional up to 12 Points	0
4.06	Efficient Plumbing Layout & Design	Optional 4 Points	0
4.07	Access to Potable Water During Emergencies	Optional 8 Points	0
Section 4 SUBTOTAL			6
Design Element: Energy Efficiency			
#	Criterion Title	Requirement Type/Optional Points	Points
5.01 a	Building Performance – Commissioning	Mandatory for New Construction	X
b	Building Performance – Weatherization		
5.02 a	Additional Efficiency	Optional 3-25 Points for New Construction	Select...
b	Additional Efficiency - Window Replacement		
5.03	ENERGY STAR Appliances	Mandatory	X
5.04	Central Laundry	Optional 3 Points	3
5.05	Electricity Metering		
5.06	Renewable Energy		
5.07 a	Photovoltaic Ready	Mandatory for New Construction	n/a
b	Photovoltaic Ready - Upgrades		
5.08 a	Domestic Water Heating	Mandatory for New Construction	X
b	Domestic Water Heating – Higher Efficiency		
5.09	Space Heating & Cooling Equipment Replacement		
Section 5 SUBTOTAL			3
Design Element: Materials			
#	Criterion Title	Requirement Type/Optional Points	Points
6.01 a	Healthier Material Selection	Mandatory	X
b	Healthier Material Selection - Toxin-Free Recycled Content	Optional up to 3 Points	1
c	Healthier Material Selection - Advanced	Optional up to 15 Points	4
6.02 a	Embodied Carbon Reduction - Materials	Optional up to 9 Points	2
b	Embodied Carbon Reduction - Regional Sourcing	Optional up to 4 Points	0
6.03	Construction Waste Management	Optional Up to 5 Points	5
6.04 a	Reduced Heat Island Effect: Roofing	Optional 2 Points	2
b	Reduced Heat-Island Effect: Paving	Optional 2 Points	0
6.05	Socially Sustainable Products	Optional up to 3 Points	0
Section 6 SUBTOTAL			14
Design Element: Healthy Living Environment			
#	Criterion Title	Requirement Type/Optional Points	Points
7.01	Combustion Equipment	Mandatory	X
7.02	Garage Isolation	Mandatory	n/a
7.03	Integrated Pest Management	Mandatory	X
7.04	Lead-Safe Work Practices	Mandatory for Rehab & New Construction with Demolition	X
7.05 a	Smoke-Free Units and Common Areas	Mandatory	X
b	Smoke-Free Property	Optional 7 Points	7
7.06	Exhaust Fans – Bathroom Upgrade		
7.07 a	Exhaust Fans – Kitchen	Mandatory for New Construction	X
b	Exhaust Fans – Kitchen Upgrade		
7.08 a	Ventilation	Mandatory for New Construction (single family & ≤3 Stories)	X
b	Ventilation Upgrades		
c	Ventilation - Outside Air Filtration	Optional 8 Points	0
7.09	Clothes Dryer Exhaust	Mandatory	X

7.10	Mold Prevention: Surfaces	Mandatory	X
7.11	Mold Prevention: Tub & Shower Enclosures	Mandatory	X
7.12	Vapor Barrier Protection Strategies	Mandatory for Projects with Foundation Work	n/a
7.13	Enhanced Building Envelope Design	Optional up to 8 Points	3
Section 7 SUBTOTAL			10

Design Element: Operations, Maintenance & Resident Management

#	Criterion Title	Requirement Type/Optional Points	Points
8.01 a	Building Maintenance Manual – Sustainability Supplement	Mandatory	X
b	O&M Instructions for Maintenance Staff	Optional 7 Points	7
8.02	Resident/Owners' Manual	Mandatory	X
8.03	Walk-Throughs and Orientations to Property Operation	Mandatory	X
8.04	Project Data Collection	Optional 5 Points	5
8.05	Educational Signage	Optional 1 Point	1
8.06	ESDS Certification Plaque	Optional 2 Points	2
Section 8 SUBTOTAL			15

Thresholds

In order to ensure that your project will pass the threshold for the Evergreen Sustainable Development Standard, we advise building in a "cushion" of 5-10 points above what is required.

New Construction projects must achieve 50 points

Rehab projects must achieve 40 points, unless otherwise approved

Section 1	0
Section 2	20
Section 3	5
Section 4	6
Section 5	3
Section 6	14
Section 7	10
Section 8	15
Overall Checklist Total	73

SECTION 01 81 19
INDOOR AIR QUALITY (IAQ) REQUIREMENTS

PART 1 GENERAL

1.1 SUMMARY

The project shall be constructed to maximize indoor air quality. Products so described and specified herein shall be tested and certified for acceptable Emission Rate Standards. (ESDS Section 6 & 7)

1.2 RELATED SECTIONS

- A. Section 01 81 13 – Sustainability Standards
- B. Section 09 90 00 – Painting and Coating
- C. Divisions 22 and 23 – Plumbing and Mechanical specification sections.
- D. All specification sections that involve finish materials that will be in direct contact with the indoor air. Also include auxiliary finishing materials, including, but not limited to, adhesives, mastics, caulking, sealants, and insulating materials.

1.3 REFERENCES

- A. Sheet Metal and Air Conditioning National Contractors Association (SMACNA) IAQ Guideline for Buildings Under Construction, latest edition.
- B. EPA Protocol for Environmental Requirements, Baseline IAQ and Materials, for the Research Triangle Park Campus, Section 01445.
- C. Rule 1168 of the South Coast Air Quality Management District
- D. Rule 1113 of the South Coast Air Quality Management District
- E. Green Seal Standard GS-11
- F. Green Seal Standard GS-03, Anti-Corrosive Paints
- G. Regulation 8 Rule 51 of the Bay Area Air Quality Management District
- H. 2018 Washington State Energy Code with Seattle Amendments

1.4 REQUIREMENTS

- A. Smoking is prohibited within project site.
- B. Use safety meetings, signage, and subcontractor agreements to communicate the goals of the construction indoor air quality management construction plan.
- C. Conduct regular inspection and maintenance of indoor air quality measures including ventilation system protection, and ventilation rate.
- D. During construction meet or exceed the minimum requirements of the SMACNA IAQ Guideline for Buildings under Construction. These BMPs are summarized in Part 3: Execution.
- E. Conduct a mandatory minimum 48-hour building flush-out with new MERV 10 filtration media at 100% outside air after construction ends and prior to occupancy.

- F. Owner to conduct a mandatory blower door test per the 2018 Washington State Energy Code – Residential Provisions.
1. The air leakage rate of the building envelop shall not exceed 0.25 cfm/ft² at a pressure differential of 75 Pascals (0.3 w.g.) at the upper 95 percent confidence interval in accordance with ASTM E 779 or an equivalent method approved by the code official.
 2. A report that includes the tested surface area, floor area, air by volume, stories above grade, and leakage rates shall be submitted to the building owner and the code official.
 3. The following modifications shall be made to ASTM E 779:
 - i. Tests shall be accomplished using either (1) both pressurization and depressurization or (2) pressurization alone, but not depressurization alone. The air leakage shall be plotted against the corrected P for pressurization in accordance with Section 9.4.
 - ii. The test pressure range shall be from 25 Pa to 80 Pa per Section 8.10, but the upper limit shall not be less than 50 Pa, and the difference between the upper and lower limit shall not be less than 25 Pa.
 - iii. If the pressure exponent n is less than 0.45 or greater than 0.85 per Section 9.6.4, the test shall be rerun with additional readings over a longer time interval.
 4. Testing to occur any time after rough-in and after installation of penetrations of the building envelope, including penetrations for utilities, plumbing, electrical, ventilation and combustion appliances and sealing thereof.
 5. When required by the building official, the test shall be conducted in the presence of department staff.
 6. During testing:
 - a. Exterior windows and doors shall be closed, but not sealed.
 - b. Dampers shall be closed, but not sealed; including exhaust, intake, makeup air, back draft and flue dampers.
 - c. Interior doors connecting conditioned spaces shall be open; doors connecting to unconditioned spaces shall be closed, but not sealed.
 - d. Exterior openings for continuous operation ventilation systems and heat recovery ventilators shall be closed and sealed.
 - e. Heating and cooling systems shall be turned off.
 - f. HVAC ducts supply and return registers shall not be sealed.

VENTILATION SYSTEM PROTECTION:

- A. Do not run HVAC system during course of construction without prior written

approval of Owner or as otherwise permitted by these specifications. Seal ductwork intake and exhaust vents to prevent contamination from dust, moisture, and chemical contamination.

- B. Store HVAC equipment in a clean, dry location.
- C. Seal all HVAC inlets and outlets.
- D. Seal HVAC components during installation.
- E. Use a temporary ventilation system during construction.
- F. Use temporary filtration media.
 - 1. Temporary filtration media shall have a Minimum Efficiency Reporting Value [MERV] of 10 as determined by ASHRAE 52.2-1999 on any return air systems operational during construction.
 - 2. Replace all filtration media immediately prior to occupancy per the technical specification [or reference applicable HVAC section]. Permanent filtration media shall be equal to the standard filter installed by the manufacturer as original equipment.
- G. Clean air plenums before closing them in.
- H. Inspect filters regularly.

MICROBIAL AND FUNGAL CONTAMINATION PREVENTION:

- A. Perform, schedule, and sequence Work as required to limit conditions supporting formations of microbes, molds, and fungi, and:
 - 1. Ensure that construction detailing will not result in moisture intrusion.
 - 2. Protect on-site stored and installed absorptive materials (such as insulation, drywall, and wood) from moisture damage and from contamination by construction dust, debris, and fumes during all phases of construction, both before and after installation.
 - 3. Control water penetration, dampness, and humidity to protect products not treated for exterior use.
 - 4. Do not install moisture-damaged materials.
- B. When visible microbial, mold and fungal formations are observed, promptly contact Owner and Architect for determination of required action.
 - 1. Clean non-absorbent materials using low hazard cleaners accepted by Owner and Architect.
 - 2. Remove and replace affected materials that cannot be completely cleaned by non-abrasive surface treatments.
 - 3. Remove and replace affected materials identified as being food sources for microbes, molds, and fungi.
- C. Remove interior products and finishes, identified as food sources, that have absorbed sufficient moisture to become damp, and are not immediately made dry, whether or not microbial, mold, or fungal growth is observed.

Include:

1. Gypsum board.
2. Organic materials composed of cellulose fiber or paper.
3. Materials containing sucrose or other binders and glues identified as supporting microbial growth.
4. Fibrous insulation materials including duct liner, fiberglass insulation, and mineral fiber.
5. Mechanical ductwork.

D. Wood Lumber and Engineered Products:

1. Take remedial action to reduce moisture content of wood products measured by a moisture meter as exceeding 15 percent moisture content.
2. Remove wood and cellulose based products showing signs of mildew from construction site, including in-place construction not accepted by Owner.

E. Promptly correct conditions supporting or subject to become an environment microbial, mold, and fungal growth.

1. Repair conditions leading to moisture condensation and water penetration.
2. Do not permit conditions leading to standing water.

1.5 SUBMITTALS

- A. Provide cut sheets of filtration media used during construction and installed immediately prior to occupancy with MERV values highlighted.
- B. Product Test Data: Environmental Chamber Data of contaminant emissions of selected products is required.
 1. Required product submittals are identified in individual Sections throughout this specification.
 2. If product testing has been previously performed on the material, a summary copy of the testing report should be submitted for review. Materials that are used in conjunction with other building materials (adhesives or under coatings) should be tested as completed assemblies. All testing protocols and a list of testing facilities follows.

1.6 REMEDIAL ACTION

- A. Promptly take action as necessary to inspect and remediate conditions suspected of supporting biological, particulate, and chemical indoor air pollution. Identify, stop, and repair causes of uncontrolled water penetration into building.
- B. Promptly notify and consult with Owner and Architect, prior to beginning removal material, where contamination by hazardous chemicals, microbes, and fungi is suspected.

1.7 BUILDING FLUSHOUT MILESTONE DATE

The General Contractor shall include a separate milestone date on the CPM Schedule that indicates targeted date for the start of building flushout process and blower door testing. Refer to paragraph 3.2 below.

PART 2 PRODUCTS

2.1 PRODUCT REQUIREMENTS

- A. Low-emitting products have been specified in appropriate sections.
1. Adhesives shall meet or exceed VOC limits of South Coast Air Quality Management Rule #1168. See Adhesives and Sealants Tables in this section.
 2. Sealants and filters shall meet or exceed VOC limits of Bay Area Resources Board Regulation 8, Rule 51. See Adhesives and Sealants Tables in this section.
 3. Paints and coatings shall meet or exceed VOC and chemical limits of "Green Seal" requirements as follows: Flat paint/primer: 50 g/L, Non-flat paint/primer: 100 g/L, Corrosion resistant paint/primer: 250 g/L. (g/L = grams per liter.)

<u>Product Type</u>	<u>VOC level (in g/L)</u>
Flat Topcoat	50
Non-Flat Topcoat	100
Primer or Undercoat	100
Floor Paint	100
Anti-Corrosive Coating	250
Reflective Wall Coating	50
Reflective roof Coating	100
Flat Topcoat w/ colorant added at the point-of-sale	100
Non-Flat Topcoat w/ colorant added at the point-of-sale	150
Primer or Undercoat with colorant added at the point-of-sale	150
Floor Paint with colorant added at the point-of-sale	150
Anti-Corrosive Coating w/ colorant added at the point-of-sale	300
Reflective Wall Coating w/ colorant added at the point-of-sale	100
Reflective roof Coating w/ colorant added at the point-of-sale	150

4. Composite wood and agrifiber products shall contain no added urea-formaldehyde resins.
5. Filters must be replaced prior to building flush-out and must be MERV 10 minimum. If equipment is not designed to accommodate MERV 10, create temporary fitting.

Rule 1168 of the South Coast Air Quality Management District VOC limit charts:

Table 1 – Regulated Product Categories and VOC Limits

Category	VOC Limits (g/L) ¹			
	Current	Upon Adoption	1/1/2019	1/1/2023
Adhesives				
Architectural Applications				
Building Envelope Membrane Adhesive	250			
Carpet Pad Adhesive	50			
Ceramic Glass, Porcelain, & Stone Tile Adhesive	65			
Cove Base Adhesive	50			
Dry Wall and Panel Adhesive	50			
Multi-Purpose Construction Adhesives	70			
Roofing				
Single Ply Roof Membrane Adhesive	250			200 ²
All Other Roof Adhesives	250			200 ²
Rubber Floor Adhesive	60			
Structural Glazing Adhesive	100			
Structural Wood Member Adhesive	140			
Subfloor Adhesive	50			
VCT and Asphalt Tile Adhesive	50			
Wood Flooring Adhesive	100			20
All Other Indoor Floor Covering Adhesives	50			
All Other Outdoor Floor Covering Adhesives	150		50	

Category	VOC Limits (g/L) ¹			
	Current	Upon Adoption	1/1/2019	1/1/2023
Computer Diskette Manufacturing Adhesive	350			
Contact Adhesive	80			
Edge Glue Adhesive	250			
Plastic Welding Cement				
ABS Welding Cement	325			
ABS to PVC Transition Cement	510			425 ²
CPVC Welding Cement	490			400 ²
PVC Welding Cement	510			425 ²
All Other Plastic Welding Cements	250		100	
Rubber Vulcanization Adhesive	250	850		250
Special Purpose Contact Adhesive	250			
Thin Metal Laminating Adhesive	780			
Tire Tread Adhesive	100			
Top and Trim Adhesive	250	540		250 ²
Waterproof Resorcinol Glue	250		170	
All Other Adhesives	250			
Substrate Specific Adhesives				
Metal	30			
Plastic Foams	50			
Porous Material (except wood)	50			
Wood	30			
Fiberglass	80			
Reinforced Plastic Composite	250		200	
Sealants				
Architectural Applications				
Clear, Paintable, and Immediately Water-Resistant Sealant	250	380		250
Foam Insulation	250			50 ³
Foam Sealant	250			50 ³
Grout	250	65		
Roadway Sealant	250			
Non-Staining Plumbing Putty	250	150		50
Potable Water Sealant	250	100		
Roofing				
Single Ply Roof Membrane Sealant	450			250 ²
All Other Roof Sealants	300			250 ²

Category	VOC Limits (g/L) ¹			
	Current	Upon Adoption	1/1/2019	1/1/2023
All Other Architectural Sealants	250		50	
Marine Deck Sealant	760			
All Other Sealants	420			250
Adhesive Primers				
Plastic	550			
Pressure Sensitive	250	785		
Traffic Marking Tape	150			
Vehicle Glass	250	700		
All Other Adhesive Primers	250			
Sealant Primers				
Architectural Applications				
Non Porous	250			
Porous	775			
Marine Deck	760			
Modified Bituminous	500			
All Other Sealant Primers	750			

1. VOC limits are expressed as grams of VOC per liter of regulated product, less water and less exempt compounds, as defined in paragraph (b)(37) except for low-solid regulated products where the VOC limit is expressed in grams per liter of material as defined in paragraph (b)(38).
2. Technology assessment will be conducted in 2022 and the Executive Officer shall report on the results of the technology assessment to the Stationary Source Committee prior to the implementation date.
3. Technology assessment will be conducted in 2020 and the Executive Officer shall report on the results of the technology assessment to the Stationary Source Committee prior to the implementation date.

Regulation 8 Rule 51 of the Bay Area Air QUALITY Management District VOC Limits:

301.1	Architectural:		Effective 8/1/01
	Indoor Floor Covering Installation	150	
	Multipurpose Construction	200	
	Nonmembrane Roof Installation/Repair	300	
	Outdoor Floor Covering Installation	250	
	Single-Ply Roof Material Installation/Repair	250	
	Structural Glazing	100	
	Ceramic Tile Installation	200	130
	Cove Base Installation	200	150
	Perimeter Bonded Sheet Vinyl Flooring Installation	660	
301.2	Specialty:		
	Computer Diskette Jacket Manufacturing	850	
	ABS Welding	400	
	CPVC Welding	490	
	PVC Welding	510	
	Other Plastic Welding	500	
	Thin Metal Laminating	780	
	Tire Retread	100	
	Rubber Vulcanization Bonding	850	
	Waterproof Resorcinol Glue	170	
	Immersible Product Manufacturing	650	
	Top and Trim Installation	540	
301.3	Adhesive Primers:		Effective 8/1/01
	Automotive Glass Primer	700	
	Pavement Marking Tape Primer	550	150
	Plastic Welding Primer	-	650
	Other	250	
301.4	Contact Bond Adhesive:		
	Contact Bond Adhesive	250	
	Contact Bond Adhesive - Special Substrates	400	
(Amended 11/16/94; 6/5/96; 1/7/98; 5/2/01)			
8-51-302	Adhesive Product, Substrate Limits: Except as provided in Sections 8-51-301 and 305, a person shall not use with the following substrates or substrate combinations any adhesive product with a VOC content, as defined in Section 8-51-226, that exceeds the following limits (expressed as grams of VOC per liter):		
			Effective 8/1/01
	Metal	30	
	Porous Materials	150	120
	Wood	150	120
	Pre-formed Rubber Products	650	250
	All Other Substrates	250	
If an adhesive product is used to bond two different substrates from the table above, the limit for the substrate with the highest VOC content shall apply.			
(Amended 11/16/94; 6/5/96; 1/7/98; 5/2/01)			
8-51-303	Deleted May 2, 2001		
8-51-304	Sealant Product Limits: Except as provided in Section 8-51-305, a person shall not use in the following applications any sealant product with a VOC content, as defined in Section 8-51-226, that exceeds the following limits (expressed as grams of VOC per liter):		
	Sealant:		
	Architectural	250	
	Marine Deck	760	
	Roadways	250	
	Single Ply Roof Material Installation/Repair	450	
	Nonmembrane Roof Installation/Repair	300	
	Other	420	
	Sealant Primer:		
	Architectural - Nonporous	250	
	Architectural - Porous	775	
	Other	750	
(Amended 11/16/94; 6/5/96; 1/7/98; 5/2/01)			

PART 3 EXECUTION

3.1 GENERAL

- A. Many Best Management Practices are available to maintain IAQ during construction or demolition. The pros, cons, and limitations of each available option should be considered to identify the most effective and most efficient approaches for a particular job. When designing the Plan, the Contractor may use more than one of these practices (simultaneously or phased in) as work progresses. In general, the steps include:
1. Containing the work area
 2. Modifying HVAC operation
 3. Reducing emissions
 4. Intensifying housekeeping

3.2 REQUIRED IAQ MANAGEMENT BMPS

- B. Mechanical Systems
1. Protection: All HVAC equipment must be protected from collecting dust and odors that can be absorbed by porous materials in the system and later be released. The design of each system must be evaluated in detail to determine how it may be affected by odor and dust from the project (including site egress, staging areas, etc.). Specific HVAC protection requirements generally apply to the return side, central filtration, or supply side of the system.
 2. Return Side: The return side of an HVAC system is, by definition, under negative pressure and thus capable of drawing in nearby construction dust and odor. Special attention must be paid to the location of any return vents, return ducts, ceiling plenums, return shafts, VAV plenum intakes, window units, and transfer vents as well as that portion of the air handler which is upstream of the central fan. When possible, the entire system should be shut down during heavy construction or demolition that generates dust and airborne particles.
 - a. All return system openings in, or immediately adjacent to, the construction area should be sealed with plastic.
 - b. When the system must remain operational during construction, temporary filters should be added where necessary (e.g., on grills to return air shaft). Filters used during construction must have a minimum rating of MERV 10.
 - c. All filters must receive frequent periodic maintenance and be replaced at end of project with MERV 10 filters for use during building flushout.
 - d. When the general system must remain operational, the heaviest work areas should be dampered off or otherwise blocked if temporary imbalance of the return air system does not create a greater problem.
 - e. The mechanical room should not be used to store construction or waste materials.

3. Supply Side

- a. Diffusers, VAV boxes, and ducts may be adequately protected in most cases where the above measures are implemented. When the system is off for the duration of construction, diffusers and window units should also be sealed in plastic for further protection.
 - b. Ducts, diffusers, and window units should be inspected upon completion of the work for the amount of deposited particulate present and cleaned where needed. If significant dust deposits are observed in the system during construction, some particulate discharge can be expected during start-up. When such a discharge is only minor, delaying re-occupancy long enough to clean up the dust may be sufficient. In more severe cases, installing temporary coarse filters on diffusers or cleaning the ducts may be necessary. The condition of the main duct should be checked whenever visible particles are discharged from the system.
- C. After point of substantial completion, but prior to occupancy, conduct a minimum 48-hour building flush out with new filtration media at 100% outside air.
- D. Protect construction materials from contamination and pollution from contact with construction dust, debris, fumes, solvents, and other pollutants.
- E. Hazardous wastes shall be separated, stored, and disposed of according to local regulations.
- F. Storage and Protection: Designate receiving/storage areas for incoming material to be delivered according to installation schedule and to be placed convenient to work area in order to minimize waste due to excessive materials handling and misapplication. Protect stored on-site or installed absorptive materials from moisture damage.
- G. Schedule delivery of materials to minimize the duration of on-site storage.
- H. Schedule installation of materials to minimize contamination of absorptive materials with VOCs, solvents, dust, etc. (For example, install carpet after painting has been completed, since carpet can absorb VOCs released while the paint dries.)
- I. Ductwork and appurtenances should be inspected upon completion of the work for the amount of deposited particulate present and cleaned where needed. If significant dust deposits are observed in the system during construction, some particulate discharge can be expected during start-up. When such a discharge is only minor, delaying re-occupancy long enough to clean up the dust may be sufficient. In more severe cases, installing temporary coarse filters on diffusers or cleaning the ducts may be necessary. The condition of the main duct should be checked whenever visible particles are discharged from the system. Both highly specialized equipment and professional expertise may be required to ensure that dust is effectively removed and contained. The sequence in which duct cleaning occurs in the overall construction process needs to be carefully considered to avoid recontamination.

- J. All dry furnishings and materials (such as carpet, floor tile, acoustical tile, textiles, office furniture, wood shelving, etc.) shall be allowed to "air-out" or pre-condition prior to installation. "Bake-outs" of furnishings and construction materials is not recommended due to questionable effectiveness and potential for damage.
- K. Conduct regular inspection and maintenance of indoor air quality measures including ventilation system protection.
- L. Modifying Equipment Operation: Use of equipment may need to be restricted in order to meet IAQ objectives. This could involve substituting cleaner equipment or simply changing operating Procedures. Examples of such controls include:
 - 1. Restricting traffic volume or prohibiting idling of motor vehicles where emissions could be drawn into occupied areas.
 - 2. Switching from diesel to bottled gas for equipment such as generators or fork lifts (emissions are cleaner but still potentially harmful under some circumstances). Use of electric fork lifts and other equipment should be considered when feasible, since they do not burn fossil fuels, thus eliminating exposure to combustion gas emissions.
- M. Use low-toxic cleaning supplies for surfaces, equipment and worker's personal use. Options include Green Seal, citrus-based or soy-based solvent cleaners.
- N. Changing Work Practices: For some demolition tasks (e.g., paint stripping) there may be techniques available that produce less airborne dust. Some painting techniques release fewer odors. Some cleaning practices raise less dust.
- O. Use wet sanding for gypsum assemblies. Exception: Dry sanding allowed subject to Owner approval of the following measures.
 - 1. Full isolation of space under finishing.
 - 2. Plastic protection sheeting is installed to provide air sealing during the sanding
 - 3. Closure of all air system devices and ductwork
 - 4. Sequencing of construction precludes the possibility of contamination of other spaces with gypsum dust
 - 5. Worker protection provided
- P. Local Exhaust: Pollution sources can be directly exhausted to the outside. This may be done through a portable fan vented to the outside and attached to the work site by flex duct. Depending on the nature of the material and the location of the exhaust, special filtration of the exhaust may or may not be necessary. Any emissions to the outside must be in compliance with applicable regulations and should be directed well away from intakes.
- Q. Air Cleaning: Where exhaust is not feasible, local re-circulation of air through a portable air cleaner may be effective. The type of filter should be suitable for the material being controlled (e.g., charcoal or potassium permanganate for many odors, a moderate to high efficiency filter for dust).
- R. Cover or Seal: VOC emissions are a result of evaporation from an exposed

surface. Reducing the exposed surface reduces emissions. For example:

1. An enclosed tanker is preferable to an open kettle for roofing.
2. Containers of wet products should be kept closed as much as possible.
3. Waste materials that can release odor or dust should be covered or sealed.
4. Applying a sealer may control a surface that is a persistent odor source.

END OF SECTION

KIRKLAND HEIGHTS APARTMENTS RENOVATION

DIVISION 2

HAZARDOUS MATERIAL ABATEMENT

Reports on the abatement of hazardous materials are referenced in these bidding documents and will be provided by the Owner. These reports and recommendations were not prepared by the Architect, and the Architect shall not be responsible for the content thereof nor for the work done there under.



Lead Based Paint Inspection

"Kirkland Heights"
13310 NE 133rd St
Kirkland, WA 98034



Prepared For
Ms. Lesley McCullar
Quantum Management
PO Box 2170
Seattle, WA 98104

Project Number:	2013-593
Inspection Date:	September 3, 5, and 6, 2013
Report Date:	September 13, 2013
Inspected By:	Sam House
Certification #:	6293
Expiration Date:	February 9, 2014

TABLE OF CONTENTS

SUBJECT	PAGE
1.0 SUMMARY	1-3
2.0 FINDINGS	4
3.0 CONCLUSION AND RECOMMENDATION	5
4.0 LIMITATIONS	6

ATTACHMENT 1

XRF PERFORMANCE CHARACTERISTIC SHEET

APPENDICES

XRF AND CALIBRATION DATA	A
FLOOR PLAN	B
RISK ASSESSOR'S CERTIFICATIONS & LABORATORY QUALIFICATIONS	C

1.0 SUMMARY

A Lead-Based paint Inspection was conducted on the "Kirkland Heights" complex located at 13310 NE 133rd St, Kirkland, WA 98034.

At the request of Ms. Lesley McCullar, of Quantum Management, Mr. Sam House, a Washington Department of Commerce (WA Commerce) - certified Lead Inspector and representative of NVL Laboratories, Inc. conducted this Inspection on September 3, September 5, and September 6, 2013.

The purpose of the inspection is to complete a full lead based paint inspection of the subject property.

The lead-based paint inspection was conducted following Chapter 7: "Lead-based Paint Inspection" Revision 1998 of the Department of Housing and Urban Development (*HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*). The purpose of the investigation process was to find lead-based paint in the building.

A total of 180 units are present in the complex, of which NVL inspected 27 units, as per Table 7-3 of the HUD guidelines for the evaluation and control of Lead-Based Paint hazards in multi-family housing.

Painted surfaces were evaluated with a Niton XLP 300A spectrum analyzer, serial number 17840NR9395. Exterior and interior living areas were evaluated for lead hazards.

The instrument was auto-calibrated just prior to testing. Immediately after a NIST reference sample was tested in triplicate. These values were averaged and found to be within the accepted limits (NIST SRM used for calibration was 1.04 +/- 0.06). Calibration check was also performed every four hours and at the end of the testing for each day/shift.

For directional reference and sample location descriptions, all of the painted building components facing the main entrance of the unit are labeled as side "A" and increase clockwise or anticlockwise. Testing Combination is defined as:

- *Room equivalents*, an identifiable part of a residence such as a room, house exterior, staircase, hallway, or a painted exterior area. Room equivalents were numbered identically in each type of unit regardless of floor plan. Room numbering was as follows in each type of unit:
 - *2 Bedroom/1 Bathroom Unit*
 - *Room 1: Kitchen*
 - *Room 2: Living Room*
 - *Room 3: Bedroom*
 - *Room 4: Bedroom*
 - *Room 5: Bathroom*
 - *3 Bedroom/1 Bathroom Unit*
 - *Room 1: Kitchen*
 - *Room 2: Living Room*
 - *Room 3: Bedroom*
 - *Room 4: Bedroom*
 - *Room 5: Bedroom*
 - *Room 6: Bathroom*
 - *4 Bedroom/2 Bathroom Unit*
 - *Room 1: Kitchen*
 - *Room 2: Living Room*
 - *Room 3: Bathroom*
 - *Stair*
 - *Room 4: Bedroom*
 - *Room 5: Bedroom*
 - *Room 6: Bedroom*
 - *Room 7: Bedroom*
 - *Room 8: Bathroom*
 - *Hall*
- *Building component type*, those items in the interior or exterior of housing onto which paint, stain, varnish, or shellac has been applied and that have a common substrate. If required, windows and other components are numbered from left to right when facing the side of the room that corresponds with their location if a window numbering system is applicable to the project.
- *Substrate*, the material underneath the paint, such as brick, concrete, drywall, metal, plaster, or wood.
- Windows and other components are numbered from left to right when facing the side of the room that corresponds with their location, if applicable to the project.

SITE DESCRIPTION: This multifamily residential complex consists of twenty eight buildings with 180 total units. The units inspected consist of six 2 bedroom/1 bathroom units, seventeen 3 bedroom/1 bathroom units, and four 4 bedroom/2 bathroom units. Each unit consists of a living room, kitchen, bedrooms, and bathroom(s). Common areas include the play structure, laundry room, shed, maintenance shop, and community center.

YEAR OF CONSTRUCTION: 1968

WALLS: The interior walls of each unit consist of textured gypsum wallboard with paint.

CEILING: The interior ceilings of each unit consist of popcorn with paint, except the kitchens and the bathrooms.

WINDOWS: The residence has vinyl framed windows, with paint on the window stools.

BASEBOARDS: The baseboards are wood with stain or paint.

FLOORING: The flooring is a combination of carpet and sheet vinyl.

DOOR SYSTEM: The doors, door casings and door jambs are wood with paint or stain.

CLOSET SYSTEM: The closet systems are wood with paint or stain.

CABINET SYSTEM: The cabinet systems are wood with paint or stain.

EXTERIOR: The primary exterior component of the each structure is wood siding with paint. The exterior soffit, eave, fascia and window casings are wood with paint.

Please note that following areas/units were tested for lead-based paint during this inspection.

UNIT 1A
UNIT 1E
UNIT 2D
UNIT 3B
UNIT 4E
UNIT 5G
UNIT 6G
UNIT 7B
UNIT 8B
UNIT 9D
UNIT 10F
UNIT 11A
UNIT 12F
UNIT 13G

UNIT 14B
UNIT 14F
UNIT 16A
UNIT 16B
UNIT 17B
UNIT 18C
UNIT 19C
UNIT 20G
UNIT 21C
UNIT 22G
UNIT 23C
UNIT 24B
UNIT 25B

SHOP
COMMUNITY CENTER
SHED

LAUNDRY
PLAY STRUCTURE

2.0 FINDINGS

Painted Surfaces:

Paint film condition is rated Intact, Fair, or Poor according to the HUD Guidelines Chapter 5, Table 5.3. These paint film conditions vary depending on whether their surface is an interior or exterior surface, large or small building component. The three condition ratings are described as follows:

- An "Intact" paint film has no significant evidence of paint failure.
- A "Fair" paint film has less than or equal to 20 ft² paint deterioration on large exterior components and less than or equal to 2 ft² paint deterioration on large interior components; or less than or equal to 10 percent (%) deterioration of the total surface areas of small interior and exterior components. Paint films that are in "Fair" condition have some paint failure in the form of peeling or chipping paint, chalking, or signs of friction impact.
- A "Poor" paint film has more than 20 ft² deterioration on large exterior components, more than 2 ft² deterioration on large interior components and more than 10% deterioration on both interior and exterior small components.

De minimis levels are defined in 24 C.F.R. § 35.1350. Safe work practices are not required when maintenance or hazard reduction activities do not disturb painted surfaces that total more than: 20 ft² on exterior surfaces; 2 ft² in any one interior room or space; or 10 percent of the total surface area on an interior or exterior type of component with a small surface area. Examples include window sills, baseboards, and trim.

A complete lead-based paint inspection of the subject property was conducted, (irrespective of the paint condition). The federal (EPA) and state (WA Commerce) definition of Lead-Based Paint is presence of Lead at or above **1.0 mg/cm²** or **0.5 % by weight** in the paint (WAC 365-230).

A total of two thousand two hundred and eighty seven (2287) shots from XRF (including calibration readings) were taken on the interior and exterior painted components.

Out of two thousand two hundred and fifty seven (2257) testing combinations tested within the subject dwelling, **NONE (0)** of the testing combinations have tested positive for lead-based paint (at or above EPA/WA - DOC threshold of **1.0 mg/cm²**).

Appendix A contains a detailed summary of the components tested, including XRF and calibration data. Attachment 1 has the XRF Performance Characteristic Sheet.

3.0 CONCLUSIONS AND RECOMMENDATIONS

- Lead-based paint was not discovered, during the lead-based paint inspection at Kirkland Heights apartments located at 13310 NE 133rd St, Kirkland, WA 98034 on September 3, September 5, and September 6, 2013.
- As per the new EPA Renovation, Repair, and Painting rule (40 CFR 745) which went into effect on April 22nd, 2010, all lead based paint work disturbing more than the de-minimus levels defined under HUD regulation (24 CFR Part 35) has to be performed by an RRP Certified Firm using RRP Certified Renovators.
- For housing receiving Federal Assistance (24 CFR Part 35), any paint stabilization or interim control work, in pre-1978 housing, which would disturb lead-based paint surface above de-minimus levels (as defined under the code), should be performed by EPA Certified Firm and Certified Renovators (additional conditions might apply).
- Section 1018 of Title X requires the U.S. Environmental Protection Agency ("EPA") and the U.S. Department of Housing and Urban Development ("HUD") to promulgate joint regulations for the disclosure of lead-based paint in pre-1978 housing ("target housing") which is offered for sale or lease. EPA and HUD jointly promulgated regulations. These regulations were published on March 6, 1996, at 61 FR 9064, and are codified at 40 Code of Federal Regulations ("C.F.R.") Part 745, Subpart F and 24 C.F.R. Part 35, Subpart H ("Disclosure Rule").
- Those surfaces that do not contain lead-based paint at or above federal standards (1.0 mg/cm² or 0.5 percent by weight) may still pose a hazard if disturbed.
- Occupational Safety and Health Administration (OSHA) and the Department of Labor and Industries, Division of Occupational Safety and Health (DOSH) regulate worker safety and health in construction and demolition work that impacts surface films with detectable levels of lead.

4.0 LIMITATIONS

This Lead-Based Paint Inspection Report has been prepared for the exclusive use of the Client named herein at the specified Site Address. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. NVL Laboratories, Inc. (NVL) accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report. This report is based upon and conducted in accordance with HUD Guidelines and WA Commerce rules in effect at the time of this inspection. NVL has no duty to update this report based on subsequent regulatory changes.

NVL is not responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the report was prepared. Areas not accessible at the time of the Inspection are excluded from this report. NVL also notes that the facts and conditions referenced in this report may change overtime, and that the conclusions set forth here are applicable to the facts and conditions as described at the time of this report. We believe that the conditions stated here are factual, but no guarantee is made or implied.

This document is the sole property of NVL Laboratories and the property owner, or his agent, authorizing this Inspection.

Prepared by:

A blue ink signature of Sam House, consisting of stylized initials 'S' and 'H'.

Sam House
Lead Inspector
Certification # 6293
Expires on: February 9, 2014

Reviewed by:

A blue ink signature of Syed Hasan, consisting of stylized initials 'S' and 'H'.

Syed Hasan
Manager Field Services
Lead Risk Assessor
Certification # 0171
Expires on: Dec 12, 2014



ATTACHMENT 1

XRF PERFORMANCE CHARACTERISTIC SHEET

Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLP 300

Source: ^{109}Cd

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLP series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLP 300A, XLP 301A, XLP 302A and XLP 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLP 700A, XLP 701A, XLP 702A, and XLP 703A.

Note: The XLi and XLP versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
Substrate	All Data			Median for laboratory-measured lead levels (mg/cm ²)		
	25 th Percentile	Median	75 th Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

Appendix A

INSTRUMENT (XRF) & CALIBRATION DATA

NVL Laboratories, Inc

4708 Aurora Ave. N., Seattle, WA 98103
Tel: 206.547.0100, Fax: 206.634.1936
1.888.NVLLABS(685.5227), www.nvllabs.com

Calibration Check Test Results



Date: Sep 3, 2013

Client: Quantum Management

Project Location: 13310 NE 133rd Street

Kirkland, WA 98034

NVL Project #: 2013-770

Device: XLP 300a Spectrum Analyzer

XRF Serial # 17840NR9395

Inspected by: Sam House

Certification #: 6293

Inspector Signature: 

Expiration Date February 9, 2014

NIST SRM Use: 1.04 mg/cm²

Calibration Check Tolerance Use:

+/- 0.06 mg/cm²

First Calibration Check

NIST SRM			Average
First Reading	Second Reading	Third Reading	
<u>1.1</u>	<u>1.0</u>	<u>1.1</u>	<u>1.07</u>

Second Calibration Check

NIST SRM			Average
First Reading	Second Reading	Third Reading	
<u>1.1</u>	<u>1.1</u>	<u>1.1</u>	<u>1.1</u>

Third Calibration Check (if required)

			Average
First Reading	Second Reading	Third Reading	
<u>1.0</u>	<u>1.0</u>	<u>1.1</u>	<u>1.03</u>

Fourth Calibration Check (if required)

NIST SRM			Average

NITON
Serial # XLP 300A - 17840NR9395
PAINT
Inspected by: Sam House; WA-Commerce Lead Inspector Certification # 6293 (Expires on: February 9, 2014)
Site: 13310 BE 133rd St, Kirkland, WA 98034
Date: 9/3/2013 9:32

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
1	9/3/2013 9:32									4.39
2	9/3/2013 9:39									4.36
3	9/3/2013 9:41			CALIBRATE					POS	1.1
4	9/3/2013 9:41			CALIBRATE					POS	1
5	9/3/2013 9:42			CALIBRATE					POS	1.1
6	9/3/2013 9:42	SIDING	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0.03
7	9/3/2013 9:43	SIDING	WOOD	B	BEIGE	1	1	EXTERIOR	NEG	0.19
8	9/3/2013 9:43	SIDING	WOOD	C	BEIGE	1	1	EXTERIOR	NEG	0.08
9	9/3/2013 9:44	SIDING	WOOD	D	BEIGE	1	1	EXTERIOR	NEG	0
10	9/3/2013 9:45	CORNER TRIM	WOOD	D	BEIGE	1	1	EXTERIOR	NEG	0.02
11	9/3/2013 9:45	CORNER TRIM	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0.01
12	9/3/2013 9:46	WINDOW CASING	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0
13	9/3/2013 9:46	WINDOW CASING	WOOD	C	BEIGE	1	1	EXTERIOR	NEG	0
14	9/3/2013 9:47	DOOR	WOOD	A	RED	1	1	EXTERIOR	NEG	0.01
15	9/3/2013 9:48	DOOR CASING	WOOD	A	RED	1	1	EXTERIOR	NEG	0.3
16	9/3/2013 9:48	DOOR THRESHOLD	WOOD	A	RED	1	1	EXTERIOR	NEG	0.21
17	9/3/2013 9:49	DOOR	WOOD	A	RED	1	1	EXTERIOR	NEG	0
18	9/3/2013 9:49	DOOR CASING	WOOD	A	RED	1	1	EXTERIOR	NEG	0.21
19	9/3/2013 9:50	DOOR THRESHOLD	WOOD	A	RED	1	1	EXTERIOR	NEG	0.12
20	9/3/2013 9:50	PORCH COLUMN	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0.24
21	9/3/2013 9:51	PORCH CEILING	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0.3
22	9/3/2013 9:52	STAIR RAIL	WOOD	A	RED	1	1	EXTERIOR	NEG	0
23	9/3/2013 9:52	STAIR STRINGER	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0
24	9/3/2013 9:53	STEPS	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0
25	9/3/2013 9:53	PORCH RAIL	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0.24
26	9/3/2013 9:54	PORCH RAIL	WOOD	A	RED	1	1	EXTERIOR	NEG	0.07
27	9/3/2013 9:55	SOFFIT	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0.28
28	9/3/2013 9:55	FASCIA	WOOD	A	BEIGE	1	1	EXTERIOR	NEG	0.3
29	9/3/2013 9:56	SIDING	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0
30	9/3/2013 9:56	SIDING	WOOD	B	BEIGE	2	1	EXTERIOR	NEG	0
31	9/3/2013 9:57	SIDING	WOOD	C	BEIGE	2	1	EXTERIOR	NEG	0
32	9/3/2013 9:57	SIDING	WOOD	D	BEIGE	2	1	EXTERIOR	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
33	9/3/2013 9:58	CORNER TRIM	WOOD	D	BEIGE	2	1	EXTERIOR	NEG	0.09
34	9/3/2013 9:59	CORNER TRIM	WOOD	B	BEIGE	2	1	EXTERIOR	NEG	0.03
35	9/3/2013 9:59	WINDOW CASING	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0.09
36	9/3/2013 10:00	WINDOW CASING	WOOD	C	BEIGE	2	1	EXTERIOR	NEG	0
37	9/3/2013 10:00	DOOR	WOOD	A	RED	2	1	EXTERIOR	NEG	0.6
38	9/3/2013 10:01	DOOR CASING	WOOD	A	RED	2	1	EXTERIOR	NEG	0.24
39	9/3/2013 10:02	DOOR THRESHOLD	WOOD	A	RED	2	1	EXTERIOR	NEG	0.33
40	9/3/2013 10:02	DOOR	WOOD	A	RED	2	1	EXTERIOR	NEG	0.22
41	9/3/2013 10:03	DOOR CASING	WOOD	A	RED	2	1	EXTERIOR	NEG	0.18
42	9/3/2013 10:03	DOOR THRESHOLD	WOOD	A	RED	2	1	EXTERIOR	NEG	0.15
43	9/3/2013 10:04	PORCH COLUMN	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0.25
44	9/3/2013 10:04	PORCH CEILING	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0.5
45	9/3/2013 10:05	STAIR STRINGER	WOOD	A	RED	2	1	EXTERIOR	NEG	0
46	9/3/2013 10:06	STAIR RAIL	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0
47	9/3/2013 10:06	STEPS	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0.13
48	9/3/2013 10:07	PORCH RAIL	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0.24
49	9/3/2013 10:07	PORCH RAIL	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0
50	9/3/2013 10:08	SOFFIT	WOOD	A	RED	2	1	EXTERIOR	NEG	0.13
51	9/3/2013 10:09	FASCIA	WOOD	A	BEIGE	2	1	EXTERIOR	NEG	0
52	9/3/2013 10:09	SIDING	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0.11
53	9/3/2013 10:10	SIDING	WOOD	B	BEIGE	3	1	EXTERIOR	NEG	0.12
54	9/3/2013 10:10	SIDING	WOOD	C	BEIGE	3	1	EXTERIOR	NEG	0.21
55	9/3/2013 10:11	SIDING	WOOD	D	BEIGE	3	1	EXTERIOR	NEG	0.05
56	9/3/2013 10:11	CORNER TRIM	WOOD	D	BEIGE	3	1	EXTERIOR	NEG	0.18
57	9/3/2013 10:12	CORNER TRIM	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0.21
58	9/3/2013 10:13	WINDOW CASING	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0.01
59	9/3/2013 10:13	WINDOW CASING	WOOD	B	BEIGE	3	1	EXTERIOR	NEG	0
60	9/3/2013 10:14	DOOR	WOOD	A	RED	3	1	EXTERIOR	NEG	0
61	9/3/2013 10:14	DOOR CASING	WOOD	A	RED	3	1	EXTERIOR	NEG	0.15
62	9/3/2013 10:15	DOOR THRESHOLD	WOOD	A	RED	3	1	EXTERIOR	NEG	0.15
63	9/3/2013 10:16	DOOR	WOOD	A	RED	3	1	EXTERIOR	NEG	0.01
64	9/3/2013 10:16	DOOR CASING	WOOD	A	RED	3	1	EXTERIOR	NEG	0.4
65	9/3/2013 10:17	DOOR THRESHOLD	WOOD	A	RED	3	1	EXTERIOR	NEG	0.4
66	9/3/2013 10:17	PORCH COLUMN	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0.14
67	9/3/2013 10:18	PORCH CEILING	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0.6
68	9/3/2013 10:18	STAIR RAIL	WOOD	A	RED	3	1	EXTERIOR	NEG	0
69	9/3/2013 10:19	STAIR STRINGER	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0
70	9/3/2013 10:20	STEPS	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0
71	9/3/2013 10:20	PORCH RAIL	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0.13

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
72	9/3/2013 10:21	PORCH RAIL	WOOD	A	RED	3	1	EXTERIOR	NEG	0.06
73	9/3/2013 10:21	SOFFIT	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0.27
74	9/3/2013 10:22	FASCIA	WOOD	A	BEIGE	3	1	EXTERIOR	NEG	0.01
75	9/3/2013 10:23	SIDING	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0.1
76	9/3/2013 10:23	SIDING	WOOD	B	BEIGE	4	1	EXTERIOR	NEG	0
77	9/3/2013 10:24	SIDING	WOOD	C	BEIGE	4	1	EXTERIOR	NEG	0
78	9/3/2013 10:24	SIDING	WOOD	D	BEIGE	4	1	EXTERIOR	NEG	0
79	9/3/2013 10:25	CORNER TRIM	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0.04
80	9/3/2013 10:25	CORNER TRIM	WOOD	C	BEIGE	4	1	EXTERIOR	NEG	0.04
81	9/3/2013 10:26	WINDOW CASING	WOOD	C	BEIGE	4	1	EXTERIOR	NEG	0
82	9/3/2013 10:27	WINDOW CASING	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0
83	9/3/2013 10:27	DOOR	WOOD	A	RED	4	1	EXTERIOR	NEG	0
84	9/3/2013 10:28	DOOR CASING	WOOD	A	RED	4	1	EXTERIOR	NEG	0.12
85	9/3/2013 10:28	DOOR THRESHOLD	WOOD	A	RED	4	1	EXTERIOR	NEG	0.12
86	9/3/2013 10:29	DOOR	WOOD	A	RED	4	1	EXTERIOR	NEG	0
87	9/3/2013 10:30	DOOR CASING	WOOD	A	RED	4	1	EXTERIOR	NEG	0.11
88	9/3/2013 10:30	DOOR THRESHOLD	WOOD	A	RED	4	1	EXTERIOR	NEG	0.11
89	9/3/2013 10:31	PORCH COLUMN	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0.19
90	9/3/2013 10:31	PORCH CEILING	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0.4
91	9/3/2013 10:32	STAIR RAIL	WOOD	A	RED	4	1	EXTERIOR	NEG	0
92	9/3/2013 10:32	STAIR STRINGER	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0
93	9/3/2013 10:33	STEPS	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0.01
94	9/3/2013 10:34	PORCH RAIL	WOOD	A	RED	4	1	EXTERIOR	NEG	0.3
95	9/3/2013 10:34	PORCH RAIL	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0.1
96	9/3/2013 10:35	SOFFIT	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0.1
97	9/3/2013 10:35	FASCIA	WOOD	A	BEIGE	4	1	EXTERIOR	NEG	0
98	9/3/2013 10:36	SIDING	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0.18
99	9/3/2013 10:37	SIDING	WOOD	B	BEIGE	5	1	EXTERIOR	NEG	0.3
100	9/3/2013 10:37	SIDING	WOOD	C	BEIGE	5	1	EXTERIOR	NEG	0.28
101	9/3/2013 10:38	SIDING	WOOD	D	BEIGE	5	1	EXTERIOR	NEG	0.4
102	9/3/2013 10:38	CORNER TRIM	WOOD	D	BEIGE	5	1	EXTERIOR	NEG	0.4
103	9/3/2013 10:39	CORNER TRIM	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0
104	9/3/2013 10:39	WINDOW CASING	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0
105	9/3/2013 10:40	WINDOW CASING	WOOD	B	BEIGE	5	1	EXTERIOR	NEG	0.01
106	9/3/2013 10:41	DOOR	WOOD	A	RED	5	1	EXTERIOR	NEG	0.08
107	9/3/2013 10:41	DOOR CASING	WOOD	A	RED	5	1	EXTERIOR	NEG	0.23
108	9/3/2013 10:42	DOOR THRESHOLD	WOOD	A	RED	5	1	EXTERIOR	NEG	0
109	9/3/2013 10:42	DOOR	WOOD	A	RED	5	1	EXTERIOR	NEG	0.05
110	9/3/2013 10:43	DOOR CASING	WOOD	A	RED	5	1	EXTERIOR	NEG	0.5

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
111	9/3/2013 10:44	DOOR THRESHOLD	WOOD	A	RED	5	1	EXTERIOR	NEG	0
112	9/3/2013 10:44	PORCH COLUMN	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0
113	9/3/2013 10:45	PORCH CEILING	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0.4
114	9/3/2013 10:45	RAIL	METAL	A	BLACK	5	1	EXTERIOR	NEG	0.04
115	9/3/2013 10:46	STAIR RAIL	WOOD	A	RED	5	1	EXTERIOR	NEG	0
116	9/3/2013 10:46	STAIR STRINGER	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0
117	9/3/2013 10:47	STEPS	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0
118	9/3/2013 10:48	PORCH RAIL	WOOD	A	RED	5	1	EXTERIOR	NEG	0.18
119	9/3/2013 10:48	PORCH RAIL	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0.11
120	9/3/2013 10:49	SOFFIT	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	-0.41
121	9/3/2013 10:49	FASCIA	WOOD	A	BEIGE	5	1	EXTERIOR	NEG	0
122	9/3/2013 10:50	SIDING	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0.17
123	9/3/2013 10:51	SIDING	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0.3
124	9/3/2013 10:51	SIDING	WOOD	C	BEIGE	6	1	EXTERIOR	NEG	0.07
125	9/3/2013 10:52	SIDING	WOOD	D	BEIGE	6	1	EXTERIOR	NEG	0.21
126	9/3/2013 10:52	CORNER TRIM	WOOD	D	BEIGE	6	1	EXTERIOR	NEG	0.04
127	9/3/2013 10:53	CORNER TRIM	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0.06
128	9/3/2013 10:53	WINDOW CASING	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0
129	9/3/2013 10:54	WINDOW CASING	WOOD	C	BEIGE	6	1	EXTERIOR	NEG	0
130	9/3/2013 10:55	DOOR	WOOD	A	RED	6	1	EXTERIOR	NEG	0.01
131	9/3/2013 10:55	DOOR CASING	WOOD	A	RED	6	1	EXTERIOR	NEG	0.21
132	9/3/2013 10:56	DOOR THRESHOLD	WOOD	A	RED	6	1	EXTERIOR	NEG	0.4
133	9/3/2013 10:56	DOOR	WOOD	A	RED	6	1	EXTERIOR	NEG	0.3
134	9/3/2013 10:57	DOOR CASING	WOOD	A	RED	6	1	EXTERIOR	NEG	0.6
135	9/3/2013 10:58	DOOR THRESHOLD	WOOD	A	RED	6	1	EXTERIOR	NEG	0.23
136	9/3/2013 10:58	PORCH COLUMN	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0.18
137	9/3/2013 10:59	PORCH CEILING	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0.6
138	9/3/2013 10:59	STAIR RAIL	WOOD	A	RED	6	1	EXTERIOR	NEG	0
139	9/3/2013 11:00	STAIR STRINGER	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0
140	9/3/2013 11:00	STEPS	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0
141	9/3/2013 11:01	PORCH RAIL	WOOD	A	RED	6	1	EXTERIOR	NEG	0.21
142	9/3/2013 11:02	PORCH RAIL	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0.3
143	9/3/2013 11:02	SOFFIT	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0.03
144	9/3/2013 11:03	FASCIA	WOOD	A	BEIGE	6	1	EXTERIOR	NEG	0
145	9/3/2013 11:03	SIDING	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	0.17
146	9/3/2013 11:04	SIDING	WOOD	B	BEIGE	7	1	EXTERIOR	NEG	0.04
147	9/3/2013 11:05	SIDING	WOOD	C	BEIGE	7	1	EXTERIOR	NEG	0.03
148	9/3/2013 11:05	SIDING	WOOD	D	BEIGE	7	1	EXTERIOR	NEG	0.25
149	9/3/2013 11:06	CORNER TRIM	WOOD	D	BEIGE	7	1	EXTERIOR	NEG	0.4

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
150	9/3/2013 11:06	CORNER TRIM	WOOD	B	BEIGE	7	1	EXTERIOR	NEG	0.24
151	9/3/2013 11:07	WINDOW CASING	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	0
152	9/3/2013 11:07	WINDOW CASING	WOOD	C	BEIGE	7	1	EXTERIOR	NEG	0
153	9/3/2013 11:08	DOOR	WOOD	A	RED	7	1	EXTERIOR	NEG	0.03
154	9/3/2013 11:09	DOOR CASING	WOOD	A	RED	7	1	EXTERIOR	NEG	0.3
155	9/3/2013 11:09	DOOR THRESHOLD	WOOD	A	RED	7	1	EXTERIOR	NEG	0.25
156	9/3/2013 11:10	DOOR	WOOD	A	RED	7	1	EXTERIOR	NEG	0
157	9/3/2013 11:10	DOOR CASING	WOOD	A	RED	7	1	EXTERIOR	NEG	0.7
158	9/3/2013 11:11	DOOR THRESHOLD	WOOD	A	RED	7	1	EXTERIOR	NEG	0
159	9/3/2013 11:12	PORCH COLUMN	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	0.05
160	9/3/2013 11:12	PORCH CEILING	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	0.11
161	9/3/2013 11:13	STAIR RAIL	WOOD	A	RED	7	1	EXTERIOR	NEG	0
162	9/3/2013 11:13	STAIR STRINGER	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	0
163	9/3/2013 11:14	STEPS	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	0
164	9/3/2013 11:14	PORCH RAIL	WOOD	A	RED	7	1	EXTERIOR	NEG	0
165	9/3/2013 11:15	PORCH RAIL	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	0.12
166	9/3/2013 11:16	SOFFIT	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	-0.16
167	9/3/2013 11:16	FASCIA	WOOD	A	BEIGE	7	1	EXTERIOR	NEG	0
168	9/3/2013 11:17	SIDING	WOOD	A	GREEN	8	1	EXTERIOR	NEG	0.3
169	9/3/2013 11:17	SIDING	WOOD	B	GREEN	8	1	EXTERIOR	NEG	0.3
170	9/3/2013 11:18	SIDING	WOOD	C	GREEN	8	1	EXTERIOR	NEG	0.27
171	9/3/2013 11:19	SIDING	WOOD	D	GREEN	8	1	EXTERIOR	NEG	0.22
172	9/3/2013 11:19	CORNER TRIM	WOOD	D	BEIGE	8	1	EXTERIOR	NEG	0.04
173	9/3/2013 11:20	CORNER TRIM	WOOD	A	BEIGE	8	1	EXTERIOR	NEG	0.5
174	9/3/2013 11:20	WINDOW CASING	WOOD	A	BEIGE	8	1	EXTERIOR	NEG	0
175	9/3/2013 11:21	WINDOW CASING	WOOD	C	BEIGE	8	1	EXTERIOR	NEG	0
176	9/3/2013 11:21	DOOR	WOOD	A	RED	8	1	EXTERIOR	NEG	0.11
177	9/3/2013 11:22	DOOR CASING	WOOD	A	RED	8	1	EXTERIOR	NEG	0.2
178	9/3/2013 11:23	DOOR THRESHOLD	WOOD	A	RED	8	1	EXTERIOR	NEG	0.21
179	9/3/2013 11:23	DOOR	WOOD	A	RED	8	1	EXTERIOR	NEG	0.09
180	9/3/2013 11:24	DOOR CASING	WOOD	A	RED	8	1	EXTERIOR	NEG	0.17
181	9/3/2013 11:24	DOOR THRESHOLD	WOOD	A	RED	8	1	EXTERIOR	NEG	0.23
182	9/3/2013 11:25	PORCH COLUMN	WOOD	A	GREEN	8	1	EXTERIOR	NEG	0.22
183	9/3/2013 11:26	PORCH CEILING	WOOD	A	GREEN	8	1	EXTERIOR	NEG	0.6
184	9/3/2013 11:26	STAIR RAIL	WOOD	A	RED	8	1	EXTERIOR	NEG	0
185	9/3/2013 11:27	STAIR STRINGER	WOOD	A	GREEN	8	1	EXTERIOR	NEG	0
186	9/3/2013 11:27	STEPS	WOOD	A	GREEN	8	1	EXTERIOR	NEG	0
187	9/3/2013 11:28	PORCH RAIL	WOOD	A	RED	8	1	EXTERIOR	NEG	0.3
188	9/3/2013 11:28	PORCH RAIL	WOOD	A	GREEN	8	1	EXTERIOR	NEG	0.06

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
189	9/3/2013 11:29	SOFFIT	WOOD	A	GREEN	8	1	EXTERIOR	NEG	0.4
190	9/3/2013 11:30	FASCIA	WOOD	A	GREEN	8	1	EXTERIOR	NEG	0.01
191	9/3/2013 11:30			CALIBRATE					POS	1.1
192	9/3/2013 11:31			CALIBRATE					POS	1.1
193	9/3/2013 11:31			CALIBRATE					POS	1.1
194	9/3/2013 11:32	SIDING	WOOD	A	GRAY	9	1	EXTERIOR	NEG	0.1
195	9/3/2013 11:33	SIDING	WOOD	A	GRAY	9	1	EXTERIOR	NEG	0.2
196	9/3/2013 11:33	SIDING	WOOD	C	GRAY	9	1	EXTERIOR	NEG	0.4
197	9/3/2013 11:34	SIDING	WOOD	D	GRAY	9	1	EXTERIOR	NEG	0.5
198	9/3/2013 11:34	CORNER TRIM	WOOD	D	BEIGE	9	1	EXTERIOR	NEG	0.13
199	9/3/2013 11:35	CORNER TRIM	WOOD	A	BEIGE	9	1	EXTERIOR	NEG	0.4
200	9/3/2013 11:35	WINDOW CASING	WOOD	A	BEIGE	9	1	EXTERIOR	NEG	0.19
201	9/3/2013 11:36	WINDOW CASING	WOOD	C	BEIGE	9	1	EXTERIOR	NEG	0.26
202	9/3/2013 11:37	PORCH COLUMN	WOOD	A	GRAY	9	1	EXTERIOR	NEG	0.05
203	9/3/2013 11:37	PORCH CEILING	WOOD	A	GRAY	9	1	EXTERIOR	NEG	0.04
204	9/3/2013 11:38	DOOR	WOOD	A	RED	9	1	EXTERIOR	NEG	0.15
205	9/3/2013 11:38	DOOR CASING	WOOD	A	RED	9	1	EXTERIOR	NEG	0.16
206	9/3/2013 11:39	DOOR	WOOD	A	RED	9	1	EXTERIOR	NEG	0.04
207	9/3/2013 11:40	DOOR CASING	WOOD	A	RED	9	1	EXTERIOR	NEG	0.4
208	9/3/2013 11:40	PORCH RAIL	WOOD	A	RED	9	1	EXTERIOR	NEG	0
209	9/3/2013 11:41	PORCH RAIL	WOOD	A	BEIGE	9	1	EXTERIOR	NEG	0
210	9/3/2013 11:41	SOFFIT	WOOD	A	BEIGE	9	1	EXTERIOR	NEG	0
211	9/3/2013 11:42	FASCIA	WOOD	A	BEIGE	9	1	EXTERIOR	NEG	0
212	9/3/2013 11:42	SIDING	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0
213	9/3/2013 11:43	SIDING	WOOD	B	BEIGE	10	1	EXTERIOR	NEG	0
214	9/3/2013 11:44	SIDING	WOOD	C	BEIGE	10	1	EXTERIOR	NEG	0
215	9/3/2013 11:44	SIDING	WOOD	D	BEIGE	10	1	EXTERIOR	NEG	0.04
216	9/3/2013 11:45	CORNER TRIM	WOOD	D	BEIGE	10	1	EXTERIOR	NEG	0
217	9/3/2013 11:45	CORNER TRIM	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0.01
218	9/3/2013 11:46	WINDOW CASING	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0.01
219	9/3/2013 11:47	WINDOW CASING	WOOD	B	BEIGE	10	1	EXTERIOR	NEG	0.02
220	9/3/2013 11:47	DOOR	WOOD	A	RED	10	1	EXTERIOR	NEG	0.28
221	9/3/2013 11:48	DOOR CASING	WOOD	A	RED	10	1	EXTERIOR	NEG	0.3
222	9/3/2013 11:48	DOOR THRESHOLD	WOOD	A	RED	10	1	EXTERIOR	NEG	0.25
223	9/3/2013 11:49	DOOR	WOOD	A	RED	10	1	EXTERIOR	NEG	0.27
224	9/3/2013 11:49	DOOR CASING	WOOD	A	RED	10	1	EXTERIOR	NEG	0.4
225	9/3/2013 11:50	DOOR THRESHOLD	WOOD	A	RED	10	1	EXTERIOR	NEG	0.4
226	9/3/2013 11:51	PORCH COLUMN	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0.16
227	9/3/2013 11:51	PORCH CEILING	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0.3

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
228	9/3/2013 11:52	STAIR RAIL	WOOD	A	RED	10	1	EXTERIOR	NEG	0
229	9/3/2013 11:52	STAIR STRINGER	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0.01
230	9/3/2013 11:53	STEPS	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0.01
231	9/3/2013 11:54	PORCH RAIL	WOOD	A	RED	10	1	EXTERIOR	NEG	0.4
232	9/3/2013 11:54	SOFFIT	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0.04
233	9/3/2013 11:55	FASCIA	WOOD	A	BEIGE	10	1	EXTERIOR	NEG	0.02
234	9/3/2013 11:55	SIDING	WOOD	A	GRAY	11	1	EXTERIOR	NEG	0.04
235	9/3/2013 11:56	SIDING	WOOD	B	GRAY	11	1	EXTERIOR	NEG	0.05
236	9/3/2013 11:56	SIDING	WOOD	C	GRAY	11	1	EXTERIOR	NEG	0.02
237	9/3/2013 11:57	SIDING	WOOD	D	GRAY	11	1	EXTERIOR	NEG	0.08
238	9/3/2013 11:58	CORNER TRIM	WOOD	D	BEIGE	11	1	EXTERIOR	NEG	0.5
239	9/3/2013 11:58	CORNER TRIM	WOOD	B	BEIGE	11	1	EXTERIOR	NEG	0.5
240	9/3/2013 11:59	WINDOW CASING	WOOD	A	BEIGE	11	1	EXTERIOR	NEG	0
241	9/3/2013 11:59	WINDOW CASING	WOOD	C	BEIGE	11	1	EXTERIOR	NEG	0
242	9/3/2013 12:00	DOOR	WOOD	A	RED	11	1	EXTERIOR	NEG	0
243	9/3/2013 12:01	DOOR CASING	WOOD	A	RED	11	1	EXTERIOR	NEG	0.01
244	9/3/2013 12:01	DOOR THRESHOLD	WOOD	A	RED	11	1	EXTERIOR	NEG	0
245	9/3/2013 12:02	DOOR	WOOD	A	RED	11	1	EXTERIOR	NEG	0.07
246	9/3/2013 12:02	DOOR CASING	WOOD	A	RED	11	1	EXTERIOR	NEG	0.4
247	9/3/2013 12:03	DOOR THRESHOLD	WOOD	A	RED	11	1	EXTERIOR	NEG	0.5
248	9/3/2013 12:03	PORCH COLUMN	WOOD	A	BEIGE	11	1	EXTERIOR	NEG	0.3
249	9/3/2013 12:04	PORCH CEILING	WOOD	A	BEIGE	11	1	EXTERIOR	NEG	0.6
250	9/3/2013 12:05	STAIR RAIL	WOOD	A	RED	11	1	EXTERIOR	NEG	0
251	9/3/2013 12:05	STAIR STRINGER	WOOD	A	BEIGE	11	1	EXTERIOR	NEG	0
252	9/3/2013 12:06	STEPS	WOOD	A	BEIGE	11	1	EXTERIOR	NEG	0
253	9/3/2013 12:06	PORCH RAIL	WOOD	A	RED	11	1	EXTERIOR	NEG	0.01
254	9/3/2013 12:07	PORCH RAIL	WOOD	A	BEIGE	11	1	EXTERIOR	NEG	0
255	9/3/2013 12:08	SOFFIT	WOOD	A	BEIGE	11	1	EXTERIOR	NEG	0.08
256	9/3/2013 12:08	FASCIA	WOOD	A	BEIGE	11	1	EXTERIOR	NEG	0.5
257	9/3/2013 12:09	SIDING	WOOD	A	GRAY	12	1	EXTERIOR	NEG	0.02
258	9/3/2013 12:09	SIDING	WOOD	B	GRAY	12	1	EXTERIOR	NEG	0.01
259	9/3/2013 12:10	SIDING	WOOD	C	GRAY	12	1	EXTERIOR	NEG	0
260	9/3/2013 12:10	SIDING	WOOD	D	GRAY	12	1	EXTERIOR	NEG	0.01
261	9/3/2013 12:11	CORNER TRIM	WOOD	D	BEIGE	12	1	EXTERIOR	NEG	0
262	9/3/2013 12:12	CORNER TRIM	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0.18
263	9/3/2013 12:12	WINDOW CASING	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0
264	9/3/2013 12:13	WINDOW CASING	WOOD	C	BEIGE	12	1	EXTERIOR	NEG	0
265	9/3/2013 12:13	DOOR	WOOD	A	RED	12	1	EXTERIOR	NEG	0.5
266	9/3/2013 12:14	DOOR CASING	WOOD	A	RED	12	1	EXTERIOR	NEG	0.26

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
267	9/3/2013 12:15	DOOR THRESHOLD	WOOD	A	RED	12	1	EXTERIOR	NEG	0.4
268	9/3/2013 12:15	DOOR	WOOD	A	RED	12	1	EXTERIOR	NEG	0.4
269	9/3/2013 12:16	DOOR CASING	WOOD	A	RED	12	1	EXTERIOR	NEG	0.4
270	9/3/2013 12:16	DOOR THRESHOLD	WOOD	A	RED	12	1	EXTERIOR	NEG	0.4
271	9/3/2013 12:17	PORCH COLUMN	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0.1
272	9/3/2013 12:17	PORCH CEILING	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0.06
273	9/3/2013 12:18	STAIR RAIL	WOOD	A	RED	12	1	EXTERIOR	NEG	0
274	9/3/2013 12:19	STAIR STRINGER	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0
275	9/3/2013 12:19	STEPS	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0.01
276	9/3/2013 12:20	PORCH RAIL	WOOD	A	RED	12	1	EXTERIOR	NEG	0.3
277	9/3/2013 12:20	PORCH RAIL	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0.08
278	9/3/2013 12:21	SOFFIT	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0
279	9/3/2013 12:22	FASCIA	WOOD	A	BEIGE	12	1	EXTERIOR	NEG	0.5
280	9/3/2013 12:22	SIDING	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0.13
281	9/3/2013 12:23	SIDING	WOOD	B	BEIGE	13	1	EXTERIOR	NEG	0.02
282	9/3/2013 12:23	SIDING	WOOD	C	BEIGE	13	1	EXTERIOR	NEG	0.03
283	9/3/2013 12:24	SIDING	WOOD	D	BEIGE	13	1	EXTERIOR	NEG	0.17
284	9/3/2013 12:24	CORNER TRIM	WOOD	D	BEIGE	13	1	EXTERIOR	NEG	0
285	9/3/2013 12:25	CORNER TRIM	WOOD	B	BEIGE	13	1	EXTERIOR	NEG	0
286	9/3/2013 12:26	WINDOW CASING	WOOD	B	BEIGE	13	1	EXTERIOR	NEG	0.01
287	9/3/2013 12:26	WINDOW CASING	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0.3
288	9/3/2013 12:27	RAIL	METAL	A	BROWN	13	1	EXTERIOR	NEG	0
289	9/3/2013 12:27	PORCH COLUMN	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0.1
290	9/3/2013 12:28	PORCH CEILING	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0.2
291	9/3/2013 12:29	DOOR CASING	WOOD	A	RED	13	1	EXTERIOR	NEG	0.03
292	9/3/2013 12:29	DOOR	WOOD	A	RED	13	1	EXTERIOR	NEG	0.26
293	9/3/2013 12:30	DOOR THRESHOLD	WOOD	A	RED	13	1	EXTERIOR	NEG	0.22
294	9/3/2013 12:30	DOOR	WOOD	A	RED	13	1	EXTERIOR	NEG	0.18
295	9/3/2013 12:31	DOOR CASING	WOOD	A	RED	13	1	EXTERIOR	NEG	0.27
296	9/3/2013 12:31	DOOR THRESHOLD	WOOD	A	RED	13	1	EXTERIOR	NEG	0.19
297	9/3/2013 12:32	STAIR RAIL	WOOD	A	RED	13	1	EXTERIOR	NEG	0
298	9/3/2013 12:33	STAIR STRINGER	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0
299	9/3/2013 12:33	STEPS	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0.01
300	9/3/2013 12:34	PORCH RAIL	WOOD	A	RED	13	1	EXTERIOR	NEG	0.3
301	9/3/2013 12:34	PORCH RAIL	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0.17
302	9/3/2013 12:35	SOFFIT	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0.2
303	9/3/2013 12:36	FASCIA	WOOD	A	BEIGE	13	1	EXTERIOR	NEG	0.29
304	9/3/2013 12:36	SIDING	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0
305	9/3/2013 12:37	SIDING	WOOD	B	BEIGE	14	1	EXTERIOR	NEG	0.21

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
306	9/3/2013 12:37	SIDING	WOOD	C	BEIGE	14	1	EXTERIOR	NEG	0.01
307	9/3/2013 12:38	SIDING	WOOD	D	BEIGE	14	1	EXTERIOR	NEG	0.02
308	9/3/2013 12:38	CORNER TRIM	WOOD	D	BEIGE	14	1	EXTERIOR	NEG	0.08
309	9/3/2013 12:39	CORNER TRIM	WOOD	D	BEIGE	14	1	EXTERIOR	NEG	0.17
310	9/3/2013 12:40	WINDOW CASING	WOOD	D	BEIGE	14	1	EXTERIOR	NEG	0.01
311	9/3/2013 12:40	WINDOW CASING	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0
312	9/3/2013 12:41	DOOR	WOOD	A	RED	14	1	EXTERIOR	NEG	0.4
313	9/3/2013 12:41	DOOR CASING	WOOD	A	RED	14	1	EXTERIOR	NEG	0.3
314	9/3/2013 12:42	DOOR THRESHOLD	WOOD	A	RED	14	1	EXTERIOR	NEG	0.23
315	9/3/2013 12:43	DOOR	WOOD	A	RED	14	1	EXTERIOR	NEG	0.22
316	9/3/2013 12:43	DOOR CASING	WOOD	A	RED	14	1	EXTERIOR	NEG	0.4
317	9/3/2013 12:44	DOOR THRESHOLD	WOOD	A	RED	14	1	EXTERIOR	NEG	0.5
318	9/3/2013 12:44	PORCH COLUMN	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0.4
319	9/3/2013 12:45	PORCH CEILING	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0.3
320	9/3/2013 12:45	STAIR RAIL	WOOD	A	RED	14	1	EXTERIOR	NEG	0
321	9/3/2013 12:46	STAIR STRINGER	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0
322	9/3/2013 12:47	STEPS	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0.01
323	9/3/2013 12:47	PORCH RAIL	WOOD	A	RED	14	1	EXTERIOR	NEG	0.3
324	9/3/2013 12:48	PORCH RAIL	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0.27
325	9/3/2013 12:48	SOFFIT	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0.29
326	9/3/2013 12:49	FASCIA	WOOD	A	BEIGE	14	1	EXTERIOR	NEG	0.3
327	9/3/2013 12:50	SIDING	WOOD	A	GRAY	15	1	EXTERIOR	NEG	0.1
328	9/3/2013 12:50	SIDING	WOOD	A	GRAY	15	1	EXTERIOR	NEG	0.2
329	9/3/2013 12:51	SIDING	WOOD	C	GRAY	15	1	EXTERIOR	NEG	0.4
330	9/3/2013 12:51	SIDING	WOOD	D	GRAY	15	1	EXTERIOR	NEG	0.5
331	9/3/2013 12:52	CORNER TRIM	WOOD	D	BEIGE	15	1	EXTERIOR	NEG	0.13
332	9/3/2013 12:52	CORNER TRIM	WOOD	A	BEIGE	15	1	EXTERIOR	NEG	0.4
333	9/3/2013 12:53	WINDOW CASING	WOOD	A	BEIGE	15	1	EXTERIOR	NEG	0.19
334	9/3/2013 12:54	WINDOW CASING	WOOD	C	BEIGE	15	1	EXTERIOR	NEG	0.26
335	9/3/2013 12:54	PORCH COLUMN	WOOD	A	GRAY	15	1	EXTERIOR	NEG	0.05
336	9/3/2013 12:55	PORCH CEILING	WOOD	A	GRAY	15	1	EXTERIOR	NEG	0.04
337	9/3/2013 12:55	DOOR	WOOD	A	RED	15	1	EXTERIOR	NEG	0.15
338	9/3/2013 12:56	DOOR CASING	WOOD	A	RED	15	1	EXTERIOR	NEG	0.16
339	9/3/2013 12:57	DOOR	WOOD	A	RED	15	1	EXTERIOR	NEG	0.04
340	9/3/2013 12:57	DOOR CASING	WOOD	A	RED	15	1	EXTERIOR	NEG	0.4
341	9/3/2013 12:58	PORCH RAIL	WOOD	A	RED	15	1	EXTERIOR	NEG	0
342	9/3/2013 12:58	PORCH RAIL	WOOD	A	BEIGE	15	1	EXTERIOR	NEG	0
343	9/3/2013 12:59	SOFFIT	WOOD	A	BEIGE	15	1	EXTERIOR	NEG	0
344	9/3/2013 12:59	FASCIA	WOOD	A	BEIGE	15	1	EXTERIOR	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
345	9/3/2013 13:00	SIDING	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0
346	9/3/2013 13:01	SIDING	WOOD	B	BEIGE	16	1	EXTERIOR	NEG	0.21
347	9/3/2013 13:01	SIDING	WOOD	C	BEIGE	16	1	EXTERIOR	NEG	0.01
348	9/3/2013 13:02	SIDING	WOOD	D	BEIGE	16	1	EXTERIOR	NEG	0.02
349	9/3/2013 13:02	CORNER TRIM	WOOD	D	BEIGE	16	1	EXTERIOR	NEG	0.08
350	9/3/2013 13:03	CORNER TRIM	WOOD	D	BEIGE	16	1	EXTERIOR	NEG	0.17
351	9/3/2013 13:04	WINDOW CASING	WOOD	D	BEIGE	16	1	EXTERIOR	NEG	0.01
352	9/3/2013 13:04	WINDOW CASING	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0
353	9/3/2013 13:05	DOOR	WOOD	A	RED	16	1	EXTERIOR	NEG	0.4
354	9/3/2013 13:05	DOOR CASING	WOOD	A	RED	16	1	EXTERIOR	NEG	0.3
355	9/3/2013 13:06	DOOR THRESHOLD	WOOD	A	RED	16	1	EXTERIOR	NEG	0.23
356	9/3/2013 13:06	DOOR	WOOD	A	RED	16	1	EXTERIOR	NEG	0.22
357	9/3/2013 13:07	DOOR CASING	WOOD	A	RED	16	1	EXTERIOR	NEG	0.4
358	9/3/2013 13:08	DOOR THRESHOLD	WOOD	A	RED	16	1	EXTERIOR	NEG	0.5
359	9/3/2013 13:08	PORCH COLUMN	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0.4
360	9/3/2013 13:09	PORCH CEILING	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0.3
361	9/3/2013 13:09	STAIR RAIL	WOOD	A	RED	16	1	EXTERIOR	NEG	0
362	9/3/2013 13:10	STAIR STRINGER	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0
363	9/3/2013 13:11	STEPS	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0.01
364	9/3/2013 13:11	PORCH RAIL	WOOD	A	RED	16	1	EXTERIOR	NEG	0.3
365	9/3/2013 13:12	PORCH RAIL	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0.27
366	9/3/2013 13:12	SOFFIT	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0.29
367	9/3/2013 13:13	FASCIA	WOOD	A	BEIGE	16	1	EXTERIOR	NEG	0.3
368	9/3/2013 13:13	SIDING	WOOD	A	GRAY	17	1	EXTERIOR	NEG	0.1
369	9/3/2013 13:14	SIDING	WOOD	A	GRAY	17	1	EXTERIOR	NEG	0.2
370	9/3/2013 13:15	SIDING	WOOD	C	GRAY	17	1	EXTERIOR	NEG	0.4
371	9/3/2013 13:15	SIDING	WOOD	D	GRAY	17	1	EXTERIOR	NEG	0.5
372	9/3/2013 13:16	CORNER TRIM	WOOD	D	BEIGE	17	1	EXTERIOR	NEG	0.13
373	9/3/2013 13:16	CORNER TRIM	WOOD	A	BEIGE	17	1	EXTERIOR	NEG	0.4
374	9/3/2013 13:17	WINDOW CASING	WOOD	A	BEIGE	17	1	EXTERIOR	NEG	0.19
375	9/3/2013 13:18	WINDOW CASING	WOOD	C	BEIGE	17	1	EXTERIOR	NEG	0.26
376	9/3/2013 13:18	PORCH COLUMN	WOOD	A	GRAY	17	1	EXTERIOR	NEG	0.05
377	9/3/2013 13:19	PORCH CEILING	WOOD	A	GRAY	17	1	EXTERIOR	NEG	0.04
378	9/3/2013 13:19	DOOR	WOOD	A	RED	17	1	EXTERIOR	NEG	0.15
379	9/3/2013 13:20	DOOR CASING	WOOD	A	RED	17	1	EXTERIOR	NEG	0.16
380	9/3/2013 13:20	DOOR	WOOD	A	RED	17	1	EXTERIOR	NEG	0.04
381	9/3/2013 13:21	DOOR CASING	WOOD	A	RED	17	1	EXTERIOR	NEG	0.4
382	9/3/2013 13:22	PORCH RAIL	WOOD	A	RED	17	1	EXTERIOR	NEG	0
383	9/3/2013 13:22	PORCH RAIL	WOOD	A	BEIGE	17	1	EXTERIOR	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
384	9/3/2013 13:23	SOFFIT	WOOD	A	BEIGE	17	1	EXTERIOR	NEG	0
385	9/3/2013 13:23	FASCIA	WOOD	A	BEIGE	17	1	EXTERIOR	NEG	0
386	9/3/2013 13:24	SIDING	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0.03
387	9/3/2013 13:25	SIDING	WOOD	B	BEIGE	18	1	EXTERIOR	NEG	0.19
388	9/3/2013 13:25	SIDING	WOOD	C	BEIGE	18	1	EXTERIOR	NEG	0.08
389	9/3/2013 13:26	SIDING	WOOD	D	BEIGE	18	1	EXTERIOR	NEG	0
390	9/3/2013 13:26	CORNER TRIM	WOOD	D	BEIGE	18	1	EXTERIOR	NEG	0.02
391	9/3/2013 13:27	CORNER TRIM	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0.01
392	9/3/2013 13:27	WINDOW CASING	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0
393	9/3/2013 13:28	WINDOW CASING	WOOD	C	BEIGE	18	1	EXTERIOR	NEG	0
394	9/3/2013 13:29	DOOR	WOOD	A	RED	18	1	EXTERIOR	NEG	0.01
395	9/3/2013 13:29	DOOR CASING	WOOD	A	RED	18	1	EXTERIOR	NEG	0.3
396	9/3/2013 13:30	DOOR THRESHOLD	WOOD	A	RED	18	1	EXTERIOR	NEG	0.21
397	9/3/2013 13:30	DOOR	WOOD	A	RED	18	1	EXTERIOR	NEG	0
398	9/3/2013 13:31	DOOR CASING	WOOD	A	RED	18	1	EXTERIOR	NEG	0.21
399	9/3/2013 13:32	DOOR THRESHOLD	WOOD	A	RED	18	1	EXTERIOR	NEG	0.12
400	9/3/2013 13:32	PORCH COLUMN	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0.24
401	9/3/2013 13:33	PORCH CEILING	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0.3
402	9/3/2013 13:33	STAIR RAIL	WOOD	A	RED	18	1	EXTERIOR	NEG	0
403	9/3/2013 13:34	STAIR STRINGER	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0
404	9/3/2013 13:34	STEPS	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0
405	9/3/2013 13:35	PORCH RAIL	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0.24
406	9/3/2013 13:36	PORCH RAIL	WOOD	A	RED	18	1	EXTERIOR	NEG	0.07
407	9/3/2013 13:36	SOFFIT	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0.28
408	9/3/2013 13:37	FASCIA	WOOD	A	BEIGE	18	1	EXTERIOR	NEG	0.3
409	9/3/2013 13:37	SIDING	WOOD	A	GRAY	19	1	EXTERIOR	NEG	0.1
410	9/3/2013 13:38	SIDING	WOOD	A	GRAY	19	1	EXTERIOR	NEG	0.2
411	9/3/2013 13:39	SIDING	WOOD	C	GRAY	19	1	EXTERIOR	NEG	0.4
412	9/3/2013 13:39	SIDING	WOOD	D	GRAY	19	1	EXTERIOR	NEG	0.5
413	9/3/2013 13:40	CORNER TRIM	WOOD	D	BEIGE	19	1	EXTERIOR	NEG	0.13
414	9/3/2013 13:40	CORNER TRIM	WOOD	A	BEIGE	19	1	EXTERIOR	NEG	0.4
415	9/3/2013 13:41	WINDOW CASING	WOOD	A	BEIGE	19	1	EXTERIOR	NEG	0.19
416	9/3/2013 13:41	WINDOW CASING	WOOD	C	BEIGE	19	1	EXTERIOR	NEG	0.26
417	9/3/2013 13:42	PORCH COLUMN	WOOD	A	GRAY	19	1	EXTERIOR	NEG	0.05
418	9/3/2013 13:43	PORCH CEILING	WOOD	A	GRAY	19	1	EXTERIOR	NEG	0.04
419	9/3/2013 13:43	DOOR	WOOD	A	RED	19	1	EXTERIOR	NEG	0.15
420	9/3/2013 13:44	DOOR CASING	WOOD	A	RED	19	1	EXTERIOR	NEG	0.16
421	9/3/2013 13:44	DOOR	WOOD	A	RED	19	1	EXTERIOR	NEG	0.04
422	9/3/2013 13:45	DOOR CASING	WOOD	A	RED	19	1	EXTERIOR	NEG	0.4

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
423	9/3/2013 13:46	PORCH RAIL	WOOD	A	RED	19	1	EXTERIOR	NEG	0
424	9/3/2013 13:46	PORCH RAIL	WOOD	A	BEIGE	19	1	EXTERIOR	NEG	0
425	9/3/2013 13:47	SOFFIT	WOOD	A	BEIGE	19	1	EXTERIOR	NEG	0
426	9/3/2013 13:47	FASCIA	WOOD	A	BEIGE	19	1	EXTERIOR	NEG	0
427	9/3/2013 13:48	SIDING	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0
428	9/3/2013 13:48	SIDING	WOOD	B	BEIGE	20	1	EXTERIOR	NEG	0
429	9/3/2013 13:49	SIDING	WOOD	C	BEIGE	20	1	EXTERIOR	NEG	0
430	9/3/2013 13:50	SIDING	WOOD	D	BEIGE	20	1	EXTERIOR	NEG	0
431	9/3/2013 13:50	CORNER TRIM	WOOD	D	BEIGE	20	1	EXTERIOR	NEG	0.09
432	9/3/2013 13:51	CORNER TRIM	WOOD	B	BEIGE	20	1	EXTERIOR	NEG	0.03
433	9/3/2013 13:51	WINDOW CASING	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0.09
434	9/3/2013 13:52	WINDOW CASING	WOOD	C	BEIGE	20	1	EXTERIOR	NEG	0
435	9/3/2013 13:53	DOOR	WOOD	A	RED	20	1	EXTERIOR	NEG	0.6
436	9/3/2013 13:53	DOOR CASING	WOOD	A	RED	20	1	EXTERIOR	NEG	0.24
437	9/3/2013 13:54	DOOR THRESHOLD	WOOD	A	RED	20	1	EXTERIOR	NEG	0.33
438	9/3/2013 13:54	DOOR	WOOD	A	RED	20	1	EXTERIOR	NEG	0.22
439	9/3/2013 13:55	DOOR CASING	WOOD	A	RED	20	1	EXTERIOR	NEG	0.18
440	9/3/2013 13:55	DOOR THRESHOLD	WOOD	A	RED	20	1	EXTERIOR	NEG	0.15
441	9/3/2013 13:56	PORCH COLUMN	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0.25
442	9/3/2013 13:57	PORCH CEILING	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0.5
443	9/3/2013 13:57	STAIR STRINGER	WOOD	A	RED	20	1	EXTERIOR	NEG	0
444	9/3/2013 13:58	STAIR RAIL	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0
445	9/3/2013 13:58	STEPS	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0.13
446	9/3/2013 13:59	PORCH RAIL	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0.24
447	9/3/2013 14:00	PORCH RAIL	WOOD	A	RED	20	1	EXTERIOR	NEG	0
448	9/3/2013 14:00	SOFFIT	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0.13
449	9/3/2013 14:01	FASCIA	WOOD	A	BEIGE	20	1	EXTERIOR	NEG	0
450	9/3/2013 14:01	SIDING	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0.1
451	9/3/2013 14:02	SIDING	WOOD	B	BEIGE	21	1	EXTERIOR	NEG	0
452	9/3/2013 14:02	SIDING	WOOD	C	BEIGE	21	1	EXTERIOR	NEG	0
453	9/3/2013 14:03	SIDING	WOOD	D	BEIGE	21	1	EXTERIOR	NEG	0
454	9/3/2013 14:04	CORNER TRIM	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0.04
455	9/3/2013 14:04	CORNER TRIM	WOOD	C	BEIGE	21	1	EXTERIOR	NEG	0.04
456	9/3/2013 14:05	WINDOW CASING	WOOD	C	BEIGE	21	1	EXTERIOR	NEG	0
457	9/3/2013 14:05	WINDOW CASING	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0
458	9/3/2013 14:06	DOOR	WOOD	A	RED	21	1	EXTERIOR	NEG	0
459	9/3/2013 14:07	DOOR CASING	WOOD	A	RED	21	1	EXTERIOR	NEG	0.12
460	9/3/2013 14:07	DOOR THRESHOLD	WOOD	A	RED	21	1	EXTERIOR	NEG	0.12
461	9/3/2013 14:08	DOOR	WOOD	A	RED	21	1	EXTERIOR	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
462	9/3/2013 14:08	DOOR CASING	WOOD	A	RED	21	1	EXTERIOR	NEG	0.11
463	9/3/2013 14:09	DOOR THRESHOLD	WOOD	A	RED	21	1	EXTERIOR	NEG	0.11
464	9/3/2013 14:09	PORCH COLUMN	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0.19
465	9/3/2013 14:10	PORCH CEILING	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0.4
466	9/3/2013 14:11	STAIR RAIL	WOOD	A	RED	21	1	EXTERIOR	NEG	0
467	9/3/2013 14:11	STAIR STRINGER	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0
468	9/3/2013 14:12	STEPS	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0.01
469	9/3/2013 14:12	PORCH RAIL	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0.3
470	9/3/2013 14:13	PORCH RAIL	WOOD	A	RED	21	1	EXTERIOR	NEG	0.1
471	9/3/2013 14:14	SOFFIT	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0.1
472	9/3/2013 14:14	FASCIA	WOOD	A	BEIGE	21	1	EXTERIOR	NEG	0
473	9/3/2013 14:15	SIDING	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0
474	9/3/2013 14:15	SIDING	WOOD	B	BEIGE	22	1	EXTERIOR	NEG	0.21
475	9/3/2013 14:16	SIDING	WOOD	C	BEIGE	22	1	EXTERIOR	NEG	0.01
476	9/3/2013 14:16	SIDING	WOOD	D	BEIGE	22	1	EXTERIOR	NEG	0.02
477	9/3/2013 14:17	CORNER TRIM	WOOD	D	BEIGE	22	1	EXTERIOR	NEG	0.08
478	9/3/2013 14:18	CORNER TRIM	WOOD	D	BEIGE	22	1	EXTERIOR	NEG	0.17
479	9/3/2013 14:18	WINDOW CASING	WOOD	D	BEIGE	22	1	EXTERIOR	NEG	0.01
480	9/3/2013 14:19	WINDOW CASING	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0
481	9/3/2013 14:19	DOOR	WOOD	A	RED	22	1	EXTERIOR	NEG	0.4
482	9/3/2013 14:20	DOOR CASING	WOOD	A	RED	22	1	EXTERIOR	NEG	0.3
483	9/3/2013 14:21	DOOR THRESHOLD	WOOD	A	RED	22	1	EXTERIOR	NEG	0.23
484	9/3/2013 14:21	DOOR	WOOD	A	RED	22	1	EXTERIOR	NEG	0.22
485	9/3/2013 14:22	DOOR CASING	WOOD	A	RED	22	1	EXTERIOR	NEG	0.4
486	9/3/2013 14:22	DOOR THRESHOLD	WOOD	A	RED	22	1	EXTERIOR	NEG	0.5
487	9/3/2013 14:23	PORCH COLUMN	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0.4
488	9/3/2013 14:23	PORCH CEILING	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0.3
489	9/3/2013 14:24	STAIR RAIL	WOOD	A	RED	22	1	EXTERIOR	NEG	0
490	9/3/2013 14:25	STAIR STRINGER	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0
491	9/3/2013 14:25	STEPS	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0.01
492	9/3/2013 14:26	PORCH RAIL	WOOD	A	RED	22	1	EXTERIOR	NEG	0.3
493	9/3/2013 14:26	PORCH RAIL	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0.27
494	9/3/2013 14:27	SOFFIT	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0.29
495	9/3/2013 14:28	FASCIA	WOOD	A	BEIGE	22	1	EXTERIOR	NEG	0.3
496	9/3/2013 14:28	SIDING	WOOD	A	GRAY	23	1	EXTERIOR	NEG	0.1
497	9/3/2013 14:29	SIDING	WOOD	A	GRAY	23	1	EXTERIOR	NEG	0.2
498	9/3/2013 14:29	SIDING	WOOD	C	GRAY	23	1	EXTERIOR	NEG	0.4
499	9/3/2013 14:30	SIDING	WOOD	D	GRAY	23	1	EXTERIOR	NEG	0.5
500	9/3/2013 14:30	CORNER TRIM	WOOD	D	BEIGE	23	1	EXTERIOR	NEG	0.13

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
501	9/3/2013 14:31	CORNER TRIM	WOOD	A	BEIGE	23	1	EXTERIOR	NEG	0.4
502	9/3/2013 14:32	WINDOW CASING	WOOD	A	BEIGE	23	1	EXTERIOR	NEG	0.19
503	9/3/2013 14:32	WINDOW CASING	WOOD	C	BEIGE	23	1	EXTERIOR	NEG	0.26
504	9/3/2013 14:33	PORCH COLUMN	WOOD	A	GRAY	23	1	EXTERIOR	NEG	0.05
505	9/3/2013 14:33	PORCH CEILING	WOOD	A	GRAY	23	1	EXTERIOR	NEG	0.04
506	9/3/2013 14:34	DOOR	WOOD	A	RED	23	1	EXTERIOR	NEG	0.15
507	9/3/2013 14:35	DOOR CASING	WOOD	A	RED	23	1	EXTERIOR	NEG	0.16
508	9/3/2013 14:35	DOOR	WOOD	A	RED	23	1	EXTERIOR	NEG	0.04
509	9/3/2013 14:36	DOOR CASING	WOOD	A	RED	23	1	EXTERIOR	NEG	0.4
510	9/3/2013 14:36	PORCH RAIL	WOOD	A	RED	23	1	EXTERIOR	NEG	0
511	9/3/2013 14:37	PORCH RAIL	WOOD	A	BEIGE	23	1	EXTERIOR	NEG	0
512	9/3/2013 14:37	SOFFIT	WOOD	A	BEIGE	23	1	EXTERIOR	NEG	0
513	9/3/2013 14:38	FASCIA	WOOD	A	BEIGE	23	1	EXTERIOR	NEG	0
514	9/3/2013 14:39	SIDING	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0
515	9/3/2013 14:39	SIDING	WOOD	B	BEIGE	24	1	EXTERIOR	NEG	0.21
516	9/3/2013 14:40	SIDING	WOOD	C	BEIGE	24	1	EXTERIOR	NEG	0.01
517	9/3/2013 14:40	SIDING	WOOD	D	BEIGE	24	1	EXTERIOR	NEG	0.02
518	9/3/2013 14:41	CORNER TRIM	WOOD	D	BEIGE	24	1	EXTERIOR	NEG	0.08
519	9/3/2013 14:42	CORNER TRIM	WOOD	D	BEIGE	24	1	EXTERIOR	NEG	0.17
520	9/3/2013 14:42	WINDOW CASING	WOOD	D	BEIGE	24	1	EXTERIOR	NEG	0.01
521	9/3/2013 14:43	WINDOW CASING	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0
522	9/3/2013 14:43	DOOR	WOOD	A	RED	24	1	EXTERIOR	NEG	0.4
523	9/3/2013 14:44	DOOR CASING	WOOD	A	RED	24	1	EXTERIOR	NEG	0.3
524	9/3/2013 14:44	DOOR THRESHOLD	WOOD	A	RED	24	1	EXTERIOR	NEG	0.23
525	9/3/2013 14:45	DOOR	WOOD	A	RED	24	1	EXTERIOR	NEG	0.22
526	9/3/2013 14:46	DOOR CASING	WOOD	A	RED	24	1	EXTERIOR	NEG	0.4
527	9/3/2013 14:46	DOOR THRESHOLD	WOOD	A	RED	24	1	EXTERIOR	NEG	0.5
528	9/3/2013 14:47	PORCH COLUMN	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0.4
529	9/3/2013 14:47	PORCH CEILING	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0.3
530	9/3/2013 14:48	STAIR RAIL	WOOD	A	RED	24	1	EXTERIOR	NEG	0
531	9/3/2013 14:49	STAIR STRINGER	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0
532	9/3/2013 14:49	STEPS	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0.01
533	9/3/2013 14:50	PORCH RAIL	WOOD	A	RED	24	1	EXTERIOR	NEG	0.3
534	9/3/2013 14:50	PORCH RAIL	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0.27
535	9/3/2013 14:51	SOFFIT	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0.29
536	9/3/2013 14:51	FASCIA	WOOD	A	BEIGE	24	1	EXTERIOR	NEG	0.3
537	9/3/2013 14:52	SIDING	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0
538	9/3/2013 14:53	SIDING	WOOD	B	BEIGE	25	1	EXTERIOR	NEG	0.21
539	9/3/2013 14:53	SIDING	WOOD	C	BEIGE	25	1	EXTERIOR	NEG	0.01

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
540	9/3/2013 14:54	SIDING	WOOD	D	BEIGE	25	1	EXTERIOR	NEG	0.02
541	9/3/2013 14:54	CORNER TRIM	WOOD	D	BEIGE	25	1	EXTERIOR	NEG	0.08
542	9/3/2013 14:55	CORNER TRIM	WOOD	D	BEIGE	25	1	EXTERIOR	NEG	0.17
543	9/3/2013 14:56	WINDOW CASING	WOOD	D	BEIGE	25	1	EXTERIOR	NEG	0.01
544	9/3/2013 14:56	WINDOW CASING	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0
545	9/3/2013 14:57	DOOR	WOOD	A	RED	25	1	EXTERIOR	NEG	0.4
546	9/3/2013 14:57	DOOR CASING	WOOD	A	RED	25	1	EXTERIOR	NEG	0.3
547	9/3/2013 14:58	DOOR THRESHOLD	WOOD	A	RED	25	1	EXTERIOR	NEG	0.23
548	9/3/2013 14:58	DOOR	WOOD	A	RED	25	1	EXTERIOR	NEG	0.22
549	9/3/2013 14:59	DOOR CASING	WOOD	A	RED	25	1	EXTERIOR	NEG	0.4
550	9/3/2013 15:00	DOOR THRESHOLD	WOOD	A	RED	25	1	EXTERIOR	NEG	0.5
551	9/3/2013 15:00	PORCH COLUMN	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0.4
552	9/3/2013 15:01	PORCH CEILING	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0.3
553	9/3/2013 15:01	STAIR RAIL	WOOD	A	RED	25	1	EXTERIOR	NEG	0
554	9/3/2013 15:02	STAIR STRINGER	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0
555	9/3/2013 15:03	STEPS	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0.01
556	9/3/2013 15:03	PORCH RAIL	WOOD	A	RED	25	1	EXTERIOR	NEG	0.3
557	9/3/2013 15:04	PORCH RAIL	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0.27
558	9/3/2013 15:04	SOFFIT	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0.29
559	9/3/2013 15:05	FASCIA	WOOD	A	BEIGE	25	1	EXTERIOR	NEG	0.3
560	9/3/2013 15:18			CALIBRATE					POS	1
561	9/3/2013 15:18			CALIBRATE					POS	1
562	9/3/2013 15:18			CALIBRATE					POS	1.1

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Calibration Check Test Results



Date: Sep 5, 2013

Client: Quantum Management

Project Location: 13310 NE 133rd Street
Kirkland, WA 98034

NVL Project #: 2013-770

Device: XLP 300a Spectrum Analyzer

XRF Serial # 17840NR9395

Inspected by: Sam House

Certification #: 6293

Inspector Signature: 

Expiration Date February 9, 2014

NIST SRM Use 1.04 mg/cm²

Calibration Check Tolerance Use:

+/- 0.06 mg/cm²

First Calibration Check

NIST SRM			Average
First Reading	Second Reading	Third Reading	
<u>1.1</u>	<u>1.0</u>	<u>1.0</u>	<u>1.03</u>

Second Calibration Check

NIST SRM			Average
First Reading	Second Reading	Third Reading	
<u>1.1</u>	<u>1.1</u>	<u>1.1</u>	<u>1.1</u>

Third Calibration Check (if required)

			Average
First Reading	Second Reading	Third Reading	
<u>1.1</u>	<u>1.0</u>	<u>1.0</u>	<u>1.03</u>

Fourth Calibration Check (if required)

NIST SRM			Average

NITON

Serial # Xlp 300A - 17840NR9395

PAINT

Inspected by: Sam House; WA-Commerce Lead Inspector Certification # 6293 (Expires on: February 9, 2014)

Site: 13310 BE 133rd St, Kirkland, WA 98034

Date: 9/5/2013 9:42

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	Results	PbC
1	9/5/2013 9:42										4.3
2	9/5/2013 9:42			CALIBRATE						POS	1.1
3	9/5/2013 9:42			CALIBRATE						POS	1
4	9/5/2013 9:43			CALIBRATE						POS	1
5	9/5/2013 9:52	WALL	DRYWALL	A	FAIR	WHITE	1A	1	1	NEG	0.03
6	9/5/2013 9:52	WALL	DRYWALL	B	FAIR	WHITE	1A	1	1	NEG	0
7	9/5/2013 9:52	WALL	DRYWALL	C	FAIR	WHITE	1A	1	1	NEG	0
8	9/5/2013 9:52	WALL	DRYWALL	D	FAIR	WHITE	1A	1	1	NEG	0.01
9	9/5/2013 9:53	CEILING	DRYWALL	D	FAIR	WHITE	1A	1	1	NEG	0
10	9/5/2013 9:53	WINDOW STOOL	WOOD	A	FAIR	WHITE	1A	1	1	NEG	0
11	9/5/2013 9:53	CABINET	WOOD	D	FAIR	CLEAR	1A	1	1	NEG	0
12	9/5/2013 9:54	DOOR	WOOD	A	FAIR	CLEAR	1A	1	1	NEG	0
13	9/5/2013 9:54	DOOR CASING	WOOD	A	FAIR	CLEAR	1A	1	1	NEG	0
14	9/5/2013 9:54	DOOR JAMB	WOOD	A	FAIR	CLEAR	1A	1	1	NEG	0.01
15	9/5/2013 9:55	WALL	DRYWALL	A	FAIR	CLEAR	1A	1	1	NEG	0
16	9/5/2013 9:55	WALL	DRYWALL	B	FAIR	WHITE	1A	1	2	NEG	0
17	9/5/2013 9:55	WALL	DRYWALL	C	FAIR	WHITE	1A	1	2	NEG	0
18	9/5/2013 9:56	WALL	DRYWALL	D	FAIR	WHITE	1A	1	2	NEG	0
19	9/5/2013 9:56	WINDOW STOOL	WOOD	A	FAIR	WHITE	1A	1	2	NEG	0
20	9/5/2013 9:56	CLOSET DOOR	WOOD	D	FAIR	CLEAR	1A	1	2	NEG	0.01
21	9/5/2013 9:57	CLOSET SHELF	WOOD	D	FAIR	WHITE	1A	1	2	NEG	0
22	9/5/2013 9:57	WALL	DRYWALL	A	FAIR	WHITE	1A	1	3	NEG	0
23	9/5/2013 9:58	WALL	DRYWALL	B	FAIR	WHITE	1A	1	3	NEG	0
24	9/5/2013 9:58	WALL	DRYWALL	C	FAIR	WHITE	1A	1	3	NEG	0
25	9/5/2013 9:59	WALL	DRYWALL	D	FAIR	WHITE	1A	1	3	NEG	0
26	9/5/2013 9:59	WINDOW STOOL	WOOD	B	FAIR	WHITE	1A	1	3	NEG	0.01
27	9/5/2013 9:59	CLOSET DOOR	WOOD	D	FAIR	WHITE	1A	1	3	NEG	0
28	9/5/2013 10:00	CLOSET SHELF	WOOD	D	FAIR	WHITE	1A	1	3	NEG	0
29	9/5/2013 10:00	DOOR	WOOD	A	FAIR	CLEAR	1A	1	3	NEG	0
30	9/5/2013 10:00	DOOR CASING	WOOD	A	FAIR	CLEAR	1A	1	3	NEG	0
31	9/5/2013 10:01	DOOR JAMB	WOOD	A	FAIR	CLEAR	1A	1	3	NEG	0
32	9/5/2013 10:01	WALL	WOOD	A	FAIR	CLEAR	1A	1	4	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
33	9/5/2013 10:01	WALL	WOOD	B	FAIR	CLEAR	1A	1	NEG	0
34	9/5/2013 10:02	WALL	WOOD	C	FAIR	CLEAR	1A	1	NEG	0.01
35	9/5/2013 10:02	WALL	WOOD	D	FAIR	CLEAR	1A	1	NEG	0
36	9/5/2013 10:02	WINDOW STOOL	WOOD	C	FAIR	WHITE	1A	1	NEG	0
37	9/5/2013 10:03	CLOSET DOOR	WOOD	A	FAIR	CLEAR	1A	1	NEG	0
38	9/5/2013 10:03	CLOSET SHELF	WOOD	A	FAIR	WHITE	1A	1	NEG	0.01
39	9/5/2013 10:03	DOOR	WOOD	B	FAIR	CLEAR	1A	1	NEG	0
40	9/5/2013 10:04	DOOR CASING	WOOD	B	FAIR	CLEAR	1A	1	NEG	0
41	9/5/2013 10:04	DOOR JAMB	WOOD	B	FAIR	CLEAR	1A	1	NEG	0
42	9/5/2013 10:04	WALL	DRYWALL	A	FAIR	WHITE	1A	1	NEG	0
43	9/5/2013 10:05	WALL	DRYWALL	B	FAIR	WHITE	1A	1	NEG	0
44	9/5/2013 10:05	WALL	DRYWALL	C	FAIR	WHITE	1A	1	NEG	0.01
45	9/5/2013 10:05	WALL	DRYWALL	D	FAIR	WHITE	1A	1	NEG	0.02
46	9/5/2013 10:05	CEILING	DRYWALL	D	FAIR	WHITE	1A	1	NEG	0
47	9/5/2013 10:06	DOOR	WOOD	B	FAIR	CLEAR	1A	1	NEG	0.02
48	9/5/2013 10:06	DOOR CASING	WOOD	B	FAIR	CLEAR	1A	1	NEG	0.03
49	9/5/2013 10:06	DOOR JAMB	WOOD	B	FAIR	CLEAR	1A	1	NEG	0
50	9/5/2013 10:08	WALL	DRYWALL	A	FAIR	WHITE	1E	1	NEG	0
51	9/5/2013 10:09	WALL	DRYWALL	B	FAIR	WHITE	1E	1	NEG	0.02
52	9/5/2013 10:09	WALL	DRYWALL	C	FAIR	WHITE	1E	1	NEG	0
53	9/5/2013 10:09	WALL	DRYWALL	D	FAIR	WHITE	1E	1	NEG	0.01
54	9/5/2013 10:09	CEILING	DRYWALL	D	FAIR	WHITE	1E	1	NEG	0
55	9/5/2013 10:10	WINDOW STOOL	WOOD	A	FAIR	WHITE	1E	1	NEG	0
56	9/5/2013 10:10	CABINET	WOOD	D	FAIR	CLEAR	1E	1	NEG	0
57	9/5/2013 10:10	DOOR	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
58	9/5/2013 10:10	DOOR CASING	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
59	9/5/2013 10:11	DOOR JAMB	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
60	9/5/2013 10:11	WALL	DRYWALL	A	FAIR	WHITE	1E	1	NEG	0
61	9/5/2013 10:11	WALL	DRYWALL	B	FAIR	WHITE	1E	1	NEG	0
62	9/5/2013 10:12	WALL	DRYWALL	C	FAIR	WHITE	1E	1	NEG	0
63	9/5/2013 10:12	WALL	DRYWALL	D	FAIR	WHITE	1E	1	NEG	0
64	9/5/2013 10:12	WINDOW STOOL	WOOD	A	FAIR	WHITE	1E	1	NEG	0
65	9/5/2013 10:13	CLOSET DOOR	WOOD	D	FAIR	CLEAR	1E	1	NEG	0
66	9/5/2013 10:13	CLOSET SHELF	WOOD	D	FAIR	WHITE	1E	1	NEG	0
67	9/5/2013 10:13	WALL	DRYWALL	A	FAIR	WHITE	1E	1	NEG	0
68	9/5/2013 10:14	WALL	DRYWALL	B	FAIR	WHITE	1E	1	NEG	0
69	9/5/2013 10:14	WALL	DRYWALL	C	FAIR	WHITE	1E	1	NEG	0
70	9/5/2013 10:14	WALL	DRYWALL	D	FAIR	WHITE	1E	1	NEG	0
71	9/5/2013 10:15	WINDOW STOOL	WOOD	B	FAIR	WHITE	1E	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
72	9/5/2013 10:15	CLOSET DOOR	WOOD	D	FAIR	CLEAR	1E	1	NEG	0.01
73	9/5/2013 10:15	CLOSET SHELF	WOOD	D	FAIR	WHITE	1E	1	NEG	0
74	9/5/2013 10:15	DOOR	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
75	9/5/2013 10:16	DOOR CASING	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
76	9/5/2013 10:16	DOOR JAMB	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
77	9/5/2013 10:16	WALL	DRYWALL	A	FAIR	WHITE	1E	1	NEG	0
78	9/5/2013 10:17	WALL	DRYWALL	B	FAIR	WHITE	1E	1	NEG	0
79	9/5/2013 10:17	WALL	DRYWALL	C	FAIR	WHITE	1E	1	NEG	0
80	9/5/2013 10:17	WALL	DRYWALL	D	FAIR	WHITE	1E	1	NEG	0
81	9/5/2013 10:17	WINDOW STOOL	WOOD	C	FAIR	WHITE	1E	1	NEG	0
82	9/5/2013 10:18	CLOSET DOOR	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
83	9/5/2013 10:18	CLOSET SHELF	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
84	9/5/2013 10:18	DOOR	WOOD	B	FAIR	CLEAR	1E	1	NEG	0
85	9/5/2013 10:18	DOOR CASING	WOOD	B	FAIR	CLEAR	1E	1	NEG	0
86	9/5/2013 10:19	DOOR JAMB	WOOD	B	FAIR	CLEAR	1E	1	NEG	0
87	9/5/2013 10:19	WALL	DRYWALL	A	FAIR	WHITE	1E	1	NEG	0
88	9/5/2013 10:19	WALL	DRYWALL	B	FAIR	WHITE	1E	1	NEG	0
89	9/5/2013 10:20	WALL	DRYWALL	C	FAIR	WHITE	1E	1	NEG	0
90	9/5/2013 10:20	WALL	DRYWALL	D	FAIR	WHITE	1E	1	NEG	0
91	9/5/2013 10:20	CEILING	DRYWALL	D	FAIR	WHITE	1E	1	NEG	0
92	9/5/2013 10:21	CABINET	WOOD	A	FAIR	CLEAR	1E	1	NEG	0
93	9/5/2013 10:21	DOOR	WOOD	B	FAIR	CLEAR	1E	1	NEG	0
94	9/5/2013 10:21	DOOR CASING	WOOD	B	FAIR	CLEAR	1E	1	NEG	0
95	9/5/2013 10:21	DOOR JAMB	WOOD	B	FAIR	CLEAR	1E	1	NEG	0
96	9/5/2013 10:26	WALL	DRYWALL	A	FAIR	WHITE	2D	1	NEG	0
97	9/5/2013 10:26	WALL	DRYWALL	B	FAIR	WHITE	2D	1	NEG	0.02
98	9/5/2013 10:26	WALL	DRYWALL	C	FAIR	WHITE	2D	1	NEG	0
99	9/5/2013 10:26	WALL	DRYWALL	D	FAIR	WHITE	2D	1	NEG	0
100	9/5/2013 10:27	CEILING	DRYWALL	D	FAIR	WHITE	2D	1	NEG	0
101	9/5/2013 10:27	WINDOW STOOL	WOOD	A	FAIR	WHITE	2D	1	NEG	0.01
102	9/5/2013 10:27	CABINET	WOOD	B	FAIR	WHITE	2D	1	NEG	0
103	9/5/2013 10:27	DOOR	WOOD	A	FAIR	CLEAR	2D	1	NEG	0
104	9/5/2013 10:28	DOOR CASING	WOOD	A	FAIR	CLEAR	2D	1	NEG	0
105	9/5/2013 10:28	DOOR JAMB	WOOD	A	FAIR	CLEAR	2D	1	NEG	0
106	9/5/2013 10:28	WALL	DRYWALL	A	FAIR	WHITE	2D	1	NEG	0
107	9/5/2013 10:29	WALL	DRYWALL	B	FAIR	WHITE	2D	1	NEG	0
108	9/5/2013 10:29	WALL	DRYWALL	C	FAIR	WHITE	2D	1	NEG	0
109	9/5/2013 10:29	WALL	DRYWALL	D	FAIR	WHITE	2D	1	NEG	0
110	9/5/2013 10:29	WINDOW STOOL	WOOD	A	FAIR	WHITE	2D	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	Results	PbC
111	9/5/2013 10:30	CLOSET DOOR	WOOD	B	FAIR	CLEAR	2D	1	2	NEG	0
112	9/5/2013 10:30	CLOSET SHELF	METAL	B	FAIR	WHITE	2D	1	2	NEG	0
113	9/5/2013 10:30	WALL	DRYWALL	A	FAIR	WHITE	2D	1	3	NEG	0.01
114	9/5/2013 10:31	WALL	DRYWALL	B	FAIR	WHITE	2D	1	3	NEG	0
115	9/5/2013 10:31	WALL	DRYWALL	C	FAIR	WHITE	2D	1	3	NEG	0.02
116	9/5/2013 10:31	WALL	DRYWALL	D	FAIR	WHITE	2D	1	3	NEG	0
117	9/5/2013 10:32	CLOSET DOOR	WOOD	B	FAIR	CLEAR	2D	1	3	NEG	0
118	9/5/2013 10:32	CLOSET SHELF	WOOD	B	FAIR	WHITE	2D	1	3	NEG	0
119	9/5/2013 10:32	WINDOW STOOL	WOOD	D	FAIR	WHITE	2D	1	3	NEG	0
120	9/5/2013 10:33	DOOR	WOOD	A	FAIR	CLEAR	2D	1	3	NEG	0
121	9/5/2013 10:33	DOOR CASING	WOOD	A	FAIR	CLEAR	2D	1	3	NEG	0
122	9/5/2013 10:33	DOOR JAMB	WOOD	A	FAIR	CLEAR	2D	1	3	NEG	0
123	9/5/2013 10:34	WALL	DRYWALL	A	FAIR	WHITE	2D	1	4	NEG	0.01
124	9/5/2013 10:35	WALL	DRYWALL	B	FAIR	WHITE	2D	1	4	NEG	0
125	9/5/2013 10:35	WALL	DRYWALL	C	FAIR	WHITE	2D	1	4	NEG	0
126	9/5/2013 10:35	WALL	DRYWALL	D	FAIR	WHITE	2D	1	4	NEG	0
127	9/5/2013 10:36	CLOSET DOOR	WOOD	A	FAIR	CLEAR	2D	1	4	NEG	0
128	9/5/2013 10:36	CLOSET SHELF	WOOD	A	FAIR	WHITE	2D	1	4	NEG	0
129	9/5/2013 10:36	WINDOW STOOL	WOOD	C	FAIR	WHITE	2D	1	4	NEG	0
130	9/5/2013 10:37	DOOR	WOOD	D	FAIR	CLEAR	2D	1	4	NEG	0
131	9/5/2013 10:37	DOOR CASING	WOOD	D	FAIR	CLEAR	2D	1	4	NEG	0
132	9/5/2013 10:37	DOOR JAMB	WOOD	D	FAIR	CLEAR	2D	1	4	NEG	0.01
133	9/5/2013 10:38	WALL	DRYWALL	A	FAIR	WHITE	2D	1	5	NEG	0
134	9/5/2013 10:38	WALL	DRYWALL	B	FAIR	WHITE	2D	1	5	NEG	0
135	9/5/2013 10:38	WALL	DRYWALL	C	FAIR	WHITE	2D	1	5	NEG	0.01
136	9/5/2013 10:38	WALL	DRYWALL	D	FAIR	WHITE	2D	1	5	NEG	0
137	9/5/2013 10:39	CEILING	DRYWALL	D	FAIR	WHITE	2D	1	5	NEG	0
138	9/5/2013 10:40	DOOR	WOOD	D	FAIR	CLEAR	2D	1	5	NEG	0
139	9/5/2013 10:40	DOOR CASING	WOOD	D	FAIR	CLEAR	2D	1	5	NEG	0
140	9/5/2013 10:41	DOOR JAMB	WOOD	D	FAIR	CLEAR	2D	1	5	NEG	0
141	9/5/2013 10:43	WALL	DRYWALL	A	FAIR	WHITE	3B	1	1	NEG	0
142	9/5/2013 10:44	WALL	DRYWALL	B	FAIR	WHITE	3B	1	1	NEG	0
143	9/5/2013 10:44	WALL	DRYWALL	C	FAIR	WHITE	3B	1	1	NEG	0
144	9/5/2013 10:44	WALL	DRYWALL	D	FAIR	WHITE	3B	1	1	NEG	0
145	9/5/2013 10:45	CEILING	DRYWALL	D	FAIR	WHITE	3B	1	1	NEG	0
146	9/5/2013 10:45	WINDOW STOOL	WOOD	A	FAIR	WHITE	3B	1	1	NEG	0
147	9/5/2013 10:45	DOOR	WOOD	A	FAIR	CLEAR	3B	1	1	NEG	0
148	9/5/2013 10:45	DOOR CASING	WOOD	A	FAIR	CLEAR	3B	1	1	NEG	0
149	9/5/2013 10:46	DOOR JAMB	WOOD	A	FAIR	CLEAR	3B	1	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	Results	PbC
150	9/5/2013 10:46	CLOSET DOOR 1	WOOD	C	FAIR	CLEAR	3B	1	1	NEG	0
151	9/5/2013 10:46	CLOSET SHELF	WOOD	C	FAIR	CLEAR	3B	1	1	NEG	0
152	9/5/2013 10:46	CLOSET DOOR 2	WOOD	C	FAIR	CLEAR	3B	1	1	NEG	0
153	9/5/2013 10:47	CLOSET SHELF	WOOD	C	FAIR	WHITE	3B	1	1	NEG	0
154	9/5/2013 10:47	WALL	DRYWALL	A	FAIR	WHITE	3B	1	2	NEG	0
155	9/5/2013 10:48	WALL	DRYWALL	B	FAIR	WHITE	3B	1	2	NEG	0
156	9/5/2013 10:48	WALL	DRYWALL	C	FAIR	WHITE	3B	1	2	NEG	0
157	9/5/2013 10:48	WALL	DRYWALL	D	FAIR	WHITE	3B	1	2	NEG	0.01
158	9/5/2013 10:49	WALL	DRYWALL	A	FAIR	WHITE	3B	1	3	NEG	0
159	9/5/2013 10:49	WALL	DRYWALL	B	FAIR	WHITE	3B	1	3	NEG	0
160	9/5/2013 10:49	WALL	DRYWALL	C	FAIR	WHITE	3B	1	3	NEG	0
161	9/5/2013 10:49	WALL	DRYWALL	D	FAIR	WHITE	3B	1	3	NEG	0.01
162	9/5/2013 10:50	CLOSET DOOR	WOOD	B	FAIR	CLEAR	3B	1	3	NEG	0
163	9/5/2013 10:50	CLOSET SHELF	WOOD	B	FAIR	WHITE	3B	1	3	NEG	0
164	9/5/2013 10:50	WINDOW STOOL	WOOD	C	FAIR	WHITE	3B	1	3	NEG	0
165	9/5/2013 10:51	DOOR	WOOD	A	FAIR	CLEAR	3B	1	3	NEG	0
166	9/5/2013 10:51	DOOR CASING	WOOD	A	FAIR	CLEAR	3B	1	3	NEG	0
167	9/5/2013 10:51	DOOR JAMB	WOOD	A	FAIR	CLEAR	3B	1	3	NEG	0
168	9/5/2013 10:52	WALL	DRYWALL	A	FAIR	WHITE	3B	1	4	NEG	0
169	9/5/2013 10:52	WALL	DRYWALL	B	FAIR	WHITE	3B	1	4	NEG	0
170	9/5/2013 10:52	WALL	DRYWALL	C	FAIR	WHITE	3B	1	4	NEG	0
171	9/5/2013 10:53	WALL	DRYWALL	D	FAIR	WHITE	3B	1	4	NEG	0
172	9/5/2013 10:53	WINDOW STOOL	WOOD	B	FAIR	WHITE	3B	1	4	NEG	0
173	9/5/2013 10:54	CLOSET DOOR	WOOD	D	FAIR	CLEAR	3B	1	4	NEG	0
174	9/5/2013 10:54	CLOSET SHELF	WOOD	D	FAIR	WHITE	3B	1	4	NEG	0
175	9/5/2013 10:54	DOOR	WOOD	A	FAIR	CLEAR	3B	1	4	NEG	0
176	9/5/2013 10:55	DOOR CASING	WOOD	A	FAIR	CLEAR	3B	1	4	NEG	0
177	9/5/2013 10:55	DOOR JAMB	WOOD	A	FAIR	CLEAR	3B	1	4	NEG	0
178	9/5/2013 10:55	WALL	DRYWALL	A	FAIR	WHITE	3B	1	5	NEG	0
179	9/5/2013 10:56	WALL	DRYWALL	B	FAIR	WHITE	3B	1	5	NEG	0
180	9/5/2013 10:56	WALL	DRYWALL	C	FAIR	WHITE	3B	1	5	NEG	0
181	9/5/2013 10:56	WALL	DRYWALL	D	FAIR	WHITE	3B	1	5	NEG	0
182	9/5/2013 10:56	WINDOW STOOL	WOOD	B	FAIR	WHITE	3B	1	5	NEG	0
183	9/5/2013 10:57	CLOSET DOOR	WOOD	D	FAIR	CLEAR	3B	1	5	NEG	0
184	9/5/2013 10:57	CLOSET SHELF	WOOD	D	FAIR	WHITE	3B	1	5	NEG	0
185	9/5/2013 10:57	DOOR	WOOD	D	FAIR	CLEAR	3B	1	5	NEG	0
186	9/5/2013 10:58	DOOR CASING	WOOD	D	FAIR	CLEAR	3B	1	5	NEG	0
187	9/5/2013 10:58	DOOR JAMB	WOOD	D	FAIR	CLEAR	3B	1	5	NEG	0
188	9/5/2013 10:58	WALL	DRYWALL	A	FAIR	WHITE	3B	1	5	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
189	9/5/2013 10:58	WALL	DRYWALL	B	FAIR	WHITE	3B	1	5	NEG 0
190	9/5/2013 10:59	WALL	DRYWALL	C	FAIR	WHITE	3B	1	5	NEG 0
191	9/5/2013 10:59	WALL	DRYWALL	D	FAIR	WHITE	3B	1	5	NEG 0
192	9/5/2013 10:59	CEILING	DRYWALL	D	FAIR	WHITE	3B	1	5	NEG 0.01
193	9/5/2013 10:59	CABINET	WOOD	D	FAIR	CLEAR	3B	1	5	NEG 0.01
194	9/5/2013 11:00	DOOR	WOOD	C	FAIR	CLEAR	3B	1	5	NEG 0
195	9/5/2013 11:00	DOOR CASING	WOOD	C	FAIR	CLEAR	3B	1	5	NEG 0.02
196	9/5/2013 11:00	DOOR JAMB	WOOD	C	FAIR	CLEAR	3B	1	5	NEG 0
197	9/5/2013 11:03	WALL	DRYWALL	A	FAIR	WHITE	4E	1	1	NEG 0
198	9/5/2013 11:03	WALL	DRYWALL	B	FAIR	WHITE	4E	1	1	NEG 0
199	9/5/2013 11:03	WALL	DRYWALL	C	FAIR	WHITE	4E	1	1	NEG 0
200	9/5/2013 11:03	WALL	DRYWALL	D	FAIR	WHITE	4E	1	1	NEG 0
201	9/5/2013 11:04	CEILING	DRYWALL	D	FAIR	WHITE	4E	1	1	NEG 0
202	9/5/2013 11:04	WINDOW STOOL	WOOD	A	FAIR	WHITE	4E	1	1	NEG 0
203	9/5/2013 11:04	CABINET	WOOD	D	FAIR	CLEAR	4E	1	1	NEG 0
204	9/5/2013 11:05	DOOR	WOOD	A	FAIR	CLEAR	4E	1	1	NEG 0
205	9/5/2013 11:05	DOOR CASING	WOOD	A	FAIR	CLEAR	4E	1	1	NEG 0
206	9/5/2013 11:05	DOOR JAMB	WOOD	A	FAIR	CLEAR	4E	1	1	NEG 0
207	9/5/2013 11:06	WALL	DRYWALL	A	FAIR	WHITE	4E	1	2	NEG 0
208	9/5/2013 11:06	WALL	DRYWALL	B	FAIR	WHITE	4E	1	2	NEG 0
209	9/5/2013 11:06	WALL	DRYWALL	C	FAIR	WHITE	4E	1	2	NEG 0
210	9/5/2013 11:07	WALL	DRYWALL	D	FAIR	WHITE	4E	1	2	NEG 0
211	9/5/2013 11:07	WINDOW STOOL	WOOD	A	FAIR	WHITE	4E	1	2	NEG 0
212	9/5/2013 11:07	CLOSET DOOR	WOOD	D	FAIR	CLEAR	4E	1	2	NEG 0
213	9/5/2013 11:08	CLOSET SHELF	WOOD	D	FAIR	WHITE	4E	1	2	NEG 0
214	9/5/2013 11:08	WALL	DRYWALL	A	FAIR	WHITE	4E	1	3	NEG 0
215	9/5/2013 11:08	WALL	DRYWALL	B	FAIR	WHITE	4E	1	3	NEG 0
216	9/5/2013 11:09	WALL	DRYWALL	C	FAIR	WHITE	4E	1	3	NEG 0
217	9/5/2013 11:09	WALL	DRYWALL	D	FAIR	WHITE	4E	1	3	NEG 0
218	9/5/2013 11:09	WINDOW STOOL	WOOD	B	FAIR	WHITE	4E	1	3	NEG 0
219	9/5/2013 11:09	CLOSET DOOR	WOOD	D	FAIR	CLEAR	4E	1	3	NEG 0
220	9/5/2013 11:10	CLOSET SHELF	WOOD	D	FAIR	WHITE	4E	1	3	NEG 0
221	9/5/2013 11:10	DOOR	WOOD	A	FAIR	CLEAR	4E	1	3	NEG 0
222	9/5/2013 11:10	DOOR CASING	WOOD	A	FAIR	CLEAR	4E	1	3	NEG 0
223	9/5/2013 11:10	DOOR JAMB	WOOD	A	FAIR	CLEAR	4E	1	3	NEG 0
224	9/5/2013 11:11	WALL	DRYWALL	A	FAIR	WHITE	4E	1	4	NEG 0
225	9/5/2013 11:11	WALL	DRYWALL	B	FAIR	WHITE	4E	1	4	NEG 0
226	9/5/2013 11:12	WALL	DRYWALL	C	FAIR	WHITE	4E	1	4	NEG 0
227	9/5/2013 11:12	WALL	DRYWALL	D	FAIR	WHITE	4E	1	4	NEG 0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
228	9/5/2013 11:12	WINDOW STOOL	WOOD	C	FAIR	WHITE	4E	1	NEG	0
229	9/5/2013 11:12	CLOSET DOOR	WOOD	A	FAIR	CLEAR	4E	1	NEG	0
230	9/5/2013 11:13	CLOSET SHELF	WOOD	A	FAIR	WHITE	4E	1	NEG	0
231	9/5/2013 11:13	DOOR	WOOD	B	FAIR	CLEAR	4E	1	NEG	-0.24
232	9/5/2013 11:13	DOOR CASING	WOOD	B	FAIR	CLEAR	4E	1	NEG	0
233	9/5/2013 11:13	DOOR JAMB	WOOD	B	FAIR	CLEAR	4E	1	NEG	0
234	9/5/2013 11:14	WALL	DRYWALL	A	FAIR	WHITE	4E	1	NEG	0
235	9/5/2013 11:14	WALL	DRYWALL	B	FAIR	WHITE	4E	1	NEG	0
236	9/5/2013 11:14	WALL	DRYWALL	C	FAIR	WHITE	4E	1	NEG	0.01
237	9/5/2013 11:14	WALL	DRYWALL	D	FAIR	WHITE	4E	1	NEG	0.02
238	9/5/2013 11:15	CEILING	DRYWALL	D	FAIR	WHITE	4E	1	NEG	0
239	9/5/2013 11:15	CABINET	WOOD	A	FAIR	CLEAR	4E	1	NEG	0
240	9/5/2013 11:15	DOOR	WOOD	B	FAIR	CLEAR	4E	1	NEG	0
241	9/5/2013 11:16	DOOR CASING	WOOD	B	FAIR	CLEAR	4E	1	NEG	0
242	9/5/2013 11:16	DOOR JAMB	WOOD	B	FAIR	CLEAR	4E	1	NEG	0
243	9/5/2013 11:19	WALL	DRYWALL	A	FAIR	WHITE	5G	1	NEG	0.02
244	9/5/2013 11:19	WALL	DRYWALL	B	FAIR	WHITE	5G	1	NEG	0
245	9/5/2013 11:20	WALL	DRYWALL	C	FAIR	WHITE	5G	1	NEG	0
246	9/5/2013 11:20	WALL	DRYWALL	D	FAIR	WHITE	5G	1	NEG	0
247	9/5/2013 11:20	CEILING	DRYWALL	D	FAIR	WHITE	5G	1	NEG	0
248	9/5/2013 11:20	WINDOW STOOL	WOOD	A	FAIR	WHITE	5G	1	NEG	0
249	9/5/2013 11:21	DOOR	WOOD	A	FAIR	CLEAR	5G	1	NEG	0
250	9/5/2013 11:21	DOOR CASING	WOOD	A	FAIR	CLEAR	5G	1	NEG	0
251	9/5/2013 11:21	DOOR JAMB	WOOD	A	FAIR	CLEAR	5G	1	NEG	0
252	9/5/2013 11:21	CLOSET DOOR	WOOD	C	FAIR	CLEAR	5G	1	NEG	0
253	9/5/2013 11:22	CLOSET SHELF	WOOD	C	FAIR	WHITE	5G	1	NEG	0
254	9/5/2013 11:22	CLOSET DOOR	WOOD	C	FAIR	CLEAR	5G	1	NEG	0
255	9/5/2013 11:22	CLOSET SHELF	WOOD	C	FAIR	WHITE	5G	1	NEG	0
256	9/5/2013 11:23	WALL	DRYWALL	A	FAIR	WHITE	5G	1	NEG	0
257	9/5/2013 11:23	WALL	DRYWALL	B	FAIR	WHITE	5G	1	NEG	0
258	9/5/2013 11:23	WALL	DRYWALL	C	FAIR	WHITE	5G	1	NEG	0
259	9/5/2013 11:23	WALL	DRYWALL	D	FAIR	WHITE	5G	1	NEG	0
260	9/5/2013 11:24	WALL	DRYWALL	A	FAIR	WHITE	5G	1	NEG	0
261	9/5/2013 11:24	WALL	DRYWALL	B	FAIR	WHITE	5G	1	NEG	0
262	9/5/2013 11:25	WALL	DRYWALL	C	FAIR	WHITE	5G	1	NEG	0
263	9/5/2013 11:25	WALL	DRYWALL	D	FAIR	WHITE	5G	1	NEG	0
264	9/5/2013 11:25	WINDOW STOOL	WOOD	C	FAIR	WHITE	5G	1	NEG	0
265	9/5/2013 11:26	CLOSET DOOR	WOOD	D	FAIR	WHITE	5G	1	NEG	0
266	9/5/2013 11:26	CLOSET SHELF	WOOD	D	FAIR	WHITE	5G	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
267	9/5/2013 11:27	DOOR	WOOD	A	FAIR	CLEAR	5G	1	NEG	0
268	9/5/2013 11:27	DOOR CASING	WOOD	A	FAIR	CLEAR	5G	1	NEG	0
269	9/5/2013 11:27	DOOR JAMB	WOOD	A	FAIR	CLEAR	5G	1	NEG	0
270	9/5/2013 11:27	WALL	DRYWALL	A	FAIR	WHITE	5G	1	NEG	0
271	9/5/2013 11:28	WALL	DRYWALL	B	FAIR	WHITE	5G	1	NEG	0
272	9/5/2013 11:28	WALL	DRYWALL	C	FAIR	WHITE	5G	1	NEG	0
273	9/5/2013 11:28	WALL	DRYWALL	D	FAIR	WHITE	5G	1	NEG	0
274	9/5/2013 11:29	CLOSET DOOR	WOOD	B	FAIR	CLEAR	5G	1	NEG	0
275	9/5/2013 11:29	CLOSET SHELF	WOOD	B	FAIR	WHITE	5G	1	NEG	0.01
276	9/5/2013 11:29	WINDOW STOOL	WOOD	D	FAIR	WHITE	5G	1	NEG	0
277	9/5/2013 11:30	DOOR	WOOD	A	FAIR	CLEAR	5G	1	NEG	0.01
278	9/5/2013 11:30	DOOR CASING	WOOD	A	FAIR	CLEAR	5G	1	NEG	0
279	9/5/2013 11:30	DOOR JAMB	WOOD	A	FAIR	CLEAR	5G	1	NEG	0
280	9/5/2013 11:31	WALL	DRYWALL	A	FAIR	WHITE	5G	1	NEG	0
281	9/5/2013 11:31	WALL	DRYWALL	B	FAIR	WHITE	5G	1	NEG	0
282	9/5/2013 11:31	WALL	DRYWALL	C	FAIR	WHITE	5G	1	NEG	0
283	9/5/2013 11:32	WALL	DRYWALL	D	FAIR	WHITE	5G	1	NEG	0
284	9/5/2013 11:32	CLOSET DOOR	WOOD	B	FAIR	CLEAR	5G	1	NEG	0
285	9/5/2013 11:32	CLOSET SHELF	WOOD	B	FAIR	WHITE	5G	1	NEG	0
286	9/5/2013 11:33	WINDOW STOOL	WOOD	D	FAIR	WHITE	5G	1	NEG	0
287	9/5/2013 11:33	DOOR	WOOD	B	FAIR	CLEAR	5G	1	NEG	0
288	9/5/2013 11:33	DOOR CASING	WOOD	B	FAIR	CLEAR	5G	1	NEG	0
289	9/5/2013 11:33	DOOR JAMB	WOOD	B	FAIR	CLEAR	5G	1	NEG	0
290	9/5/2013 11:34	WALL	DRYWALL	A	FAIR	WHITE	5G	1	NEG	0.03
291	9/5/2013 11:34	WALL	DRYWALL	B	FAIR	WHITE	5G	1	NEG	0.03
292	9/5/2013 11:34	WALL	DRYWALL	C	FAIR	WHITE	5G	1	NEG	-0.24
293	9/5/2013 11:34	WALL	DRYWALL	D	FAIR	WHITE	5G	1	NEG	0
294	9/5/2013 11:34	CEILING	DRYWALL	D	FAIR	WHITE	5G	1	NEG	0.02
295	9/5/2013 11:35	CABINET	WOOD	B	FAIR	CLEAR	5G	1	NEG	0
296	9/5/2013 11:35	DOOR	WOOD	C	FAIR	CLEAR	5G	1	NEG	0
297	9/5/2013 11:35	DOOR CASING	WOOD	C	FAIR	CLEAR	5G	1	NEG	0
298	9/5/2013 11:35	DOOR JAMB	WOOD	C	FAIR	CLEAR	5G	1	NEG	0
299	9/5/2013 11:38	WALL	DRYWALL	A	FAIR	WHITE	6G	1	NEG	0
300	9/5/2013 11:38	WALL	DRYWALL	B	FAIR	WHITE	6G	1	NEG	0
301	9/5/2013 11:39	WALL	DRYWALL	C	FAIR	WHITE	6G	1	NEG	0
302	9/5/2013 11:39	WALL	DRYWALL	D	FAIR	WHITE	6G	1	NEG	0
303	9/5/2013 11:39	CEILING	DRYWALL	D	FAIR	WHITE	6G	1	NEG	0.02
304	9/5/2013 11:40	WINDOW STOOL	WOOD	A	FAIR	WHITE	6G	1	NEG	0
305	9/5/2013 11:40	DOOR	WOOD	A	FAIR	CLEAR	6G	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
306	9/5/2013 11:41	DOOR CASING	WOOD	A	FAIR	CLEAR	6G	1	NEG	0
307	9/5/2013 11:41	DOOR JAMB	WOOD	A	FAIR	CLEAR	6G	1	NEG	0
308	9/5/2013 11:41	CLOSET DOOR	WOOD	C	FAIR	CLEAR	6G	1	NEG	0
309	9/5/2013 11:41	CLOSET SHELF	WOOD	C	FAIR	WHITE	6G	1	NEG	0
310	9/5/2013 11:42	CLOSET DOOR	WOOD	C	FAIR	CLEAR	6G	1	NEG	0
311	9/5/2013 11:42	CLOSET SHELF	WOOD	C	FAIR	WHITE	6G	1	NEG	0
312	9/5/2013 11:43	WALL	DRYWALL	A	FAIR	WHITE	6G	1	NEG	0
313	9/5/2013 11:43	WALL	DRYWALL	B	FAIR	WHITE	6G	1	NEG	0
314	9/5/2013 11:43	WALL	DRYWALL	C	FAIR	WHITE	6G	1	NEG	0
315	9/5/2013 11:43	WALL	DRYWALL	D	FAIR	WHITE	6G	1	NEG	0
316	9/5/2013 11:44	WALL	DRYWALL	A	FAIR	WHITE	6G	1	NEG	0
317	9/5/2013 11:44	WALL	DRYWALL	B	FAIR	WHITE	6G	1	NEG	0
318	9/5/2013 11:45	WALL	DRYWALL	C	FAIR	WHITE	6G	1	NEG	0
319	9/5/2013 11:45	WALL	DRYWALL	D	FAIR	WHITE	6G	1	NEG	0
320	9/5/2013 11:45	WINDOW STOOL	WOOD	C	FAIR	WHITE	6G	1	NEG	0
321	9/5/2013 11:46	CLOSET SHELF	WOOD	D	FAIR	WHITE	6G	1	NEG	0
322	9/5/2013 11:46	DOOR	WOOD	A	FAIR	CLEAR	6G	1	NEG	0
323	9/5/2013 11:46	DOOR CASING	WOOD	A	FAIR	CLEAR	6G	1	NEG	0
324	9/5/2013 11:47	DOOR JAMB	WOOD	A	FAIR	CLEAR	6G	1	NEG	0.02
325	9/5/2013 11:47	WALL	DRYWALL	A	FAIR	WHITE	6G	1	NEG	0
326	9/5/2013 11:48	WALL	DRYWALL	B	FAIR	WHITE	6G	1	NEG	0
327	9/5/2013 11:48	WALL	DRYWALL	C	FAIR	WHITE	6G	1	NEG	0.01
328	9/5/2013 11:48	WALL	DRYWALL	D	FAIR	WHITE	6G	1	NEG	0
329	9/5/2013 11:48	CLOSET SHELF	WOOD	B	FAIR	WHITE	6G	1	NEG	0
330	9/5/2013 11:49	WINDOW STOOL	WOOD	D	FAIR	WHITE	6G	1	NEG	0
331	9/5/2013 11:49	DOOR	WOOD	A	FAIR	CLEAR	6G	1	NEG	0.04
332	9/5/2013 11:49	DOOR CASING	WOOD	A	FAIR	CLEAR	6G	1	NEG	0
333	9/5/2013 11:49	DOOR JAMB	WOOD	A	FAIR	CLEAR	6G	1	NEG	0
334	9/5/2013 11:50	WALL	DRYWALL	A	FAIR	WHITE	6G	1	NEG	0
335	9/5/2013 11:50	WALL	DRYWALL	B	FAIR	WHITE	6G	1	NEG	0
336	9/5/2013 11:51	WALL	DRYWALL	C	FAIR	WHITE	6G	1	NEG	0
337	9/5/2013 11:51	WALL	DRYWALL	D	FAIR	WHITE	6G	1	NEG	0
338	9/5/2013 11:51	CLOSET SHELF	WOOD	B	FAIR	WHITE	6G	1	NEG	0.01
339	9/5/2013 11:52	WINDOW STOOL	WOOD	D	FAIR	WHITE	6G	1	NEG	0
340	9/5/2013 11:52	DOOR	WOOD	B	FAIR	CLEAR	6G	1	NEG	0
341	9/5/2013 11:52	DOOR CASING	WOOD	B	FAIR	CLEAR	6G	1	NEG	0
342	9/5/2013 11:52	DOOR JAMB	WOOD	B	FAIR	CLEAR	6G	1	NEG	0
343	9/5/2013 11:53	WALL	DRYWALL	A	FAIR	WHITE	6G	1	NEG	0
344	9/5/2013 11:53	WALL	DRYWALL	B	FAIR	WHITE	6G	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
345	9/5/2013 11:54	WALL	DRYWALL	C	FAIR	WHITE	6G	1	NEG	0
346	9/5/2013 11:54	WALL	DRYWALL	D	FAIR	WHITE	6G	1	NEG	0
347	9/5/2013 11:54	CEILING	DRYWALL	D	FAIR	WHITE	6G	1	NEG	0
348	9/5/2013 11:55	CABINET	WOOD	B	FAIR	CLEAR	6G	1	NEG	0.01
349	9/5/2013 11:55	DOOR	WOOD	C	FAIR	CLEAR	6G	1	NEG	0
350	9/5/2013 11:55	DOOR CASING	WOOD	C	FAIR	CLEAR	6G	1	NEG	0
351	9/5/2013 11:55	DOOR JAMB	WOOD	C	FAIR	CLEAR	6G	1	NEG	0
352	9/5/2013 13:01			CALIBRATE				6	NEG	0
353	9/5/2013 13:02			CALIBRATE					POS	1.1
354	9/5/2013 13:02			CALIBRATE					POS	1.1
355	9/5/2013 13:08	WALL	DRYWALL	A	FAIR	WHITE	7B	1	NEG	0
356	9/5/2013 13:08	WALL	DRYWALL	B	FAIR	WHITE	7B	1	NEG	0
357	9/5/2013 13:09	WALL	DRYWALL	C	FAIR	WHITE	7B	1	NEG	0
358	9/5/2013 13:09	WALL	DRYWALL	D	FAIR	WHITE	7B	1	NEG	0
359	9/5/2013 13:09	CEILING	DRYWALL	D	FAIR	WHITE	7B	1	NEG	0
360	9/5/2013 13:10	CABINET	WOOD	A	FAIR	CLEAR	7B	1	NEG	0.05
361	9/5/2013 13:10	WINDOW STOOL	WOOD	A	FAIR	WHITE	7B	1	NEG	0
362	9/5/2013 13:10	DOOR	WOOD	A	FAIR	CLEAR	7B	1	NEG	0
363	9/5/2013 13:11	DOOR CASING	WOOD	A	FAIR	CLEAR	7B	1	NEG	0
364	9/5/2013 13:11	DOOR JAMB	WOOD	A	FAIR	CLEAR	7B	1	NEG	0
365	9/5/2013 13:11	CLOSET DOOR	WOOD	C	FAIR	CLEAR	7B	1	NEG	0
366	9/5/2013 13:12	CLOSET SHELF	WOOD	C	FAIR	CLEAR	7B	1	NEG	0
367	9/5/2013 13:12	CLOSET DOOR	WOOD	C	FAIR	WHITE	7B	1	NEG	0
368	9/5/2013 13:12	CLOSET SHELF	WOOD	C	FAIR	CLEAR	7B	1	NEG	0.01
369	9/5/2013 13:13	WALL	DRYWALL	A	FAIR	WHITE	7B	1	NEG	0.01
370	9/5/2013 13:13	WALL	DRYWALL	B	FAIR	WHITE	7B	1	NEG	0
371	9/5/2013 13:13	WALL	DRYWALL	C	FAIR	WHITE	7B	1	NEG	0
372	9/5/2013 13:14	WALL	DRYWALL	D	FAIR	WHITE	7B	1	NEG	0
373	9/5/2013 13:16	WALL	DRYWALL	A	FAIR	WHITE	7B	1	NEG	0
374	9/5/2013 13:16	WALL	DRYWALL	B	FAIR	WHITE	7B	1	NEG	0
375	9/5/2013 13:16	WALL	DRYWALL	B	FAIR	WHITE	7B	1	NEG	0
376	9/5/2013 13:16	WALL	DRYWALL	C	FAIR	WHITE	7B	1	NEG	0
377	9/5/2013 13:17	WALL	DRYWALL	D	FAIR	WHITE	7B	1	NEG	0
378	9/5/2013 13:17	CLOSET DOOR	WOOD	B	FAIR	CLEAR	7B	1	NEG	0
379	9/5/2013 13:17	CLOSET SHELF	WOOD	B	FAIR	WHITE	7B	1	NEG	0
380	9/5/2013 13:18	WINDOW STOOL	WOOD	C	FAIR	WHITE	7B	1	NEG	0
381	9/5/2013 13:19	DOOR	WOOD	A	FAIR	CLEAR	7B	1	NEG	0
382	9/5/2013 13:20	DOOR CASING	WOOD	A	FAIR	CLEAR	7B	1	NEG	0
383	9/5/2013 13:20	DOOR JAMB	WOOD	A	FAIR	CLEAR	7B	1	NEG	0.03

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
384	9/5/2013 13:20	WALL	DRYWALL	A	FAIR	WHITE	7B	1	NEG	0
385	9/5/2013 13:21	WALL	DRYWALL	B	FAIR	WHITE	7B	1	NEG	0
386	9/5/2013 13:21	WALL	DRYWALL	C	FAIR	WHITE	7B	1	NEG	0
387	9/5/2013 13:21	WALL	DRYWALL	D	FAIR	WHITE	7B	1	NEG	0
388	9/5/2013 13:22	WINDOW STOOL	WOOD	B	FAIR	WHITE	7B	1	NEG	0
389	9/5/2013 13:22	CLOSET DOOR	WOOD	D	FAIR	CLEAR	7B	1	NEG	0
390	9/5/2013 13:22	CLOSET SHELF	WOOD	D	FAIR	WHITE	7B	1	NEG	0
391	9/5/2013 13:23	DOOR	WOOD	A	FAIR	CLEAR	7B	1	NEG	0
392	9/5/2013 13:23	DOOR CASING	WOOD	A	FAIR	CLEAR	7B	1	NEG	0
393	9/5/2013 13:23	DOOR JAMB	WOOD	A	FAIR	CLEAR	7B	1	NEG	0.01
394	9/5/2013 13:24	WALL	DRYWALL	A	FAIR	WHITE	7B	1	NEG	0
395	9/5/2013 13:24	WALL	DRYWALL	B	FAIR	WHITE	7B	1	NEG	0
396	9/5/2013 13:24	WALL	DRYWALL	C	FAIR	WHITE	7B	1	NEG	0
397	9/5/2013 13:24	WALL	DRYWALL	D	FAIR	WHITE	7B	1	NEG	0.01
398	9/5/2013 13:25	WINDOW STOOL	WOOD	B	FAIR	WHITE	7B	1	NEG	0
399	9/5/2013 13:26	CLOSET DOOR	WOOD	D	FAIR	CLEAR	7B	1	NEG	0
400	9/5/2013 13:26	CLOSET SHELF	WOOD	D	FAIR	WHITE	7B	1	NEG	0.01
401	9/5/2013 13:26	DOOR	WOOD	D	FAIR	CLEAR	7B	1	NEG	0
402	9/5/2013 13:26	DOOR CASING	WOOD	D	FAIR	CLEAR	7B	1	NEG	0
403	9/5/2013 13:26	DOOR JAMB	WOOD	D	FAIR	CLEAR	7B	1	NEG	0
404	9/5/2013 13:27	WALL	DRYWALL	A	FAIR	WHITE	7B	1	NEG	0
405	9/5/2013 13:27	WALL	DRYWALL	B	FAIR	WHITE	7B	1	NEG	0
406	9/5/2013 13:27	WALL	DRYWALL	C	FAIR	WHITE	7B	1	NEG	0
407	9/5/2013 13:28	WALL	DRYWALL	D	FAIR	WHITE	7B	1	NEG	0
408	9/5/2013 13:28	CEILING	DRYWALL	D	FAIR	WHITE	7B	1	NEG	0
409	9/5/2013 13:28	DOOR	WOOD	C	FAIR	CLEAR	7B	1	NEG	0
410	9/5/2013 13:28	DOOR CASING	WOOD	C	FAIR	CLEAR	7B	1	NEG	0
411	9/5/2013 13:28	DOOR JAMB	WOOD	C	FAIR	CLEAR	7B	1	NEG	0
412	9/5/2013 13:32	WALL	DRYWALL	A	FAIR	WHITE	8B	1	NEG	0
413	9/5/2013 13:33	WALL	DRYWALL	B	FAIR	WHITE	8B	1	NEG	0.01
414	9/5/2013 13:33	WALL	DRYWALL	C	FAIR	WHITE	8B	1	NEG	0
415	9/5/2013 13:33	WALL	DRYWALL	D	FAIR	WHITE	8B	1	NEG	0
416	9/5/2013 13:34	CEILING	DRYWALL	D	FAIR	WHITE	8B	1	NEG	0
417	9/5/2013 13:34	CABINET	WOOD	B	FAIR	CLEAR	8B	1	NEG	0
418	9/5/2013 13:34	WINDOW STOOL	WOOD	A	FAIR	WHITE	8B	1	NEG	0
419	9/5/2013 13:35	DOOR	WOOD	A	FAIR	CLEAR	8B	1	NEG	0.01
420	9/5/2013 13:35	DOOR CASING	WOOD	A	FAIR	CLEAR	8B	1	NEG	0.02
421	9/5/2013 13:35	DOOR JAMB	WOOD	A	FAIR	CLEAR	8B	1	NEG	0
422	9/5/2013 13:35	CLOSET SHELF	WOOD	C	FAIR	WHITE	8B	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	Results	PbC
423	9/5/2013 13:36	CLOSET SHELF	WOOD	C	FAIR	WHITE	8B	1	1	NEG	0
424	9/5/2013 13:36	WALL	DRYWALL	A	FAIR	WHITE	8B	1	2	NEG	0
425	9/5/2013 13:37	WALL	DRYWALL	B	FAIR	WHITE	8B	1	2	NEG	0
426	9/5/2013 13:37	WALL	DRYWALL	C	FAIR	WHITE	8B	1	2	NEG	0
427	9/5/2013 13:37	WALL	DRYWALL	D	FAIR	WHITE	8B	1	2	NEG	0
428	9/5/2013 13:38	WALL	DRYWALL	A	FAIR	WHITE	8B	1	3	NEG	0
429	9/5/2013 13:38	WALL	DRYWALL	B	FAIR	WHITE	8B	1	3	NEG	0
430	9/5/2013 13:38	WALL	DRYWALL	C	FAIR	WHITE	8B	1	3	NEG	0
431	9/5/2013 13:38	WALL	DRYWALL	D	FAIR	WHITE	8B	1	3	NEG	0
432	9/5/2013 13:39	BASEBOARD	WOOD	D	FAIR	CLEAR	8B	1	3	NEG	0
433	9/5/2013 13:39	WINDOW STOOL	WOOD	C	FAIR	WHITE	8B	1	3	NEG	0
434	9/5/2013 13:40	CLOSET DOOR	WOOD	B	FAIR	CLEAR	8B	1	3	NEG	0.01
435	9/5/2013 13:40	CLOSET SHELF	WOOD	B	FAIR	WHITE	8B	1	3	NEG	0
436	9/5/2013 13:40	DOOR	WOOD	A	FAIR	CLEAR	8B	1	3	NEG	0.01
437	9/5/2013 13:41	DOOR CASING	WOOD	A	FAIR	CLEAR	8B	1	3	NEG	0
438	9/5/2013 13:41	DOOR JAMB	WOOD	A	FAIR	CLEAR	8B	1	3	NEG	0
439	9/5/2013 13:41	WALL	DRYWALL	A	FAIR	WHITE	8B	1	4	NEG	0
440	9/5/2013 13:42	WALL	DRYWALL	B	FAIR	WHITE	8B	1	4	NEG	0
441	9/5/2013 13:42	WALL	DRYWALL	C	FAIR	WHITE	8B	1	4	NEG	0.01
442	9/5/2013 13:42	WALL	DRYWALL	D	FAIR	WHITE	8B	1	4	NEG	0
443	9/5/2013 13:42	BASEBOARD	WOOD	D	FAIR	CLEAR	8B	1	4	NEG	0.02
444	9/5/2013 13:43	WINDOW STOOL	WOOD	B	FAIR	WHITE	8B	1	4	NEG	0
445	9/5/2013 13:43	CLOSET DOOR	WOOD	D	FAIR	CLEAR	8B	1	4	NEG	0.01
446	9/5/2013 13:43	CLOSET SHELF	WOOD	D	FAIR	WHITE	8B	1	4	NEG	0
447	9/5/2013 13:44	DOOR	WOOD	A	FAIR	CLEAR	8B	1	4	NEG	0
448	9/5/2013 13:44	DOOR CASING	WOOD	A	FAIR	CLEAR	8B	1	4	NEG	0
449	9/5/2013 13:44	DOOR JAMB	WOOD	A	FAIR	CLEAR	8B	1	4	NEG	0.01
450	9/5/2013 13:45	WALL	DRYWALL	A	FAIR	WHITE	8B	1	5	NEG	0
451	9/5/2013 13:45	WALL	DRYWALL	B	FAIR	WHITE	8B	1	5	NEG	0
452	9/5/2013 13:45	WALL	DRYWALL	C	FAIR	WHITE	8B	1	5	NEG	0
453	9/5/2013 13:45	WALL	DRYWALL	D	FAIR	WHITE	8B	1	5	NEG	0
454	9/5/2013 13:46	BASEBOARD	WOOD	D	FAIR	CLEAR	8B	1	5	NEG	0
455	9/5/2013 13:46	WINDOW STOOL	WOOD	B	FAIR	WHITE	8B	1	5	NEG	0
456	9/5/2013 13:46	CLOSET DOOR	WOOD	D	FAIR	CLEAR	8B	1	5	NEG	0.01
457	9/5/2013 13:47	CLOSET SHELF	WOOD	D	FAIR	WHITE	8B	1	5	NEG	0
458	9/5/2013 13:47	DOOR	WOOD	D	FAIR	CLEAR	8B	1	5	NEG	0
459	9/5/2013 13:47	DOOR CASING	WOOD	D	FAIR	CLEAR	8B	1	5	NEG	0
460	9/5/2013 13:47	DOOR JAMB	WOOD	D	FAIR	CLEAR	8B	1	5	NEG	0
461	9/5/2013 13:48	WALL	DRYWALL	A	FAIR	WHITE	8B	1	6	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE	FLOOR	ROOM	Results	PbC
462	9/5/2013 13:48	WALL	DRYWALL	B	FAIR	WHITE	8B	1	6	NEG	0
463	9/5/2013 13:48	WALL	DRYWALL	C	FAIR	WHITE	8B	1	6	NEG	0.04
464	9/5/2013 13:48	WALL	DRYWALL	D	FAIR	WHITE	8B	1	6	NEG	0
465	9/5/2013 13:49	DOOR	WOOD	C	FAIR	CLEAR	8B	1	6	NEG	0
466	9/5/2013 13:49	DOOR CASING	WOOD	C	FAIR	CLEAR	8B	1	6	NEG	0
467	9/5/2013 13:49	DOOR JAMB	WOOD	C	FAIR	CLEAR	8B	1	6	NEG	0.01
468	9/5/2013 13:53	WALL	DRYWALL	A	FAIR	WHITE	9D	1	1	NEG	0
469	9/5/2013 13:54	WALL	DRYWALL	B	FAIR	WHITE	9D	1	1	NEG	0
470	9/5/2013 13:54	WALL	DRYWALL	C	FAIR	WHITE	9D	1	1	NEG	0
471	9/5/2013 13:54	WALL	DRYWALL	D	FAIR	WHITE	9D	1	1	NEG	0
472	9/5/2013 13:54	CEILING	DRYWALL	D	FAIR	WHITE	9D	1	1	NEG	0
473	9/5/2013 13:55	WINDOW STOOL	WOOD	A	FAIR	WHITE	9D	1	1	NEG	0
474	9/5/2013 13:55	CABINET	WOOD	B	FAIR	CLEAR	9D	1	1	NEG	0
475	9/5/2013 13:55	WALL	DRYWALL	A	FAIR	WHITE	9D	1	2	NEG	0
476	9/5/2013 13:56	WALL	DRYWALL	B	FAIR	WHITE	9D	1	2	NEG	0
477	9/5/2013 13:56	WALL	DRYWALL	C	FAIR	WHITE	9D	1	2	NEG	0
478	9/5/2013 13:56	WALL	DRYWALL	D	FAIR	WHITE	9D	1	2	NEG	0
479	9/5/2013 13:57	DOOR	WOOD	A	FAIR	WHITE	9D	1	2	NEG	0.05
480	9/5/2013 13:57	DOOR CASING	WOOD	A	FAIR	WHITE	9D	1	2	NEG	0
481	9/5/2013 13:57	DOOR JAMB	WOOD	A	FAIR	WHITE	9D	1	2	NEG	0.01
482	9/5/2013 13:58	CLOSET DOOR	WOOD	D	FAIR	CLEAR	9D	1	2	NEG	0
483	9/5/2013 13:58	CLOSET CASING	WOOD	D	FAIR	CLEAR	9D	1	2	NEG	0
484	9/5/2013 13:59	CLOSET JAMB	WOOD	D	FAIR	CLEAR	9D	1	2	NEG	0
485	9/5/2013 14:00	WALL	DRYWALL	A	FAIR	WHITE	9D	1	3	NEG	0
486	9/5/2013 14:00	WALL	DRYWALL	B	FAIR	WHITE	9D	1	3	NEG	0
487	9/5/2013 14:01	WALL	DRYWALL	C	FAIR	WHITE	9D	1	3	NEG	0
488	9/5/2013 14:01	WALL	DRYWALL	D	FAIR	WHITE	9D	1	3	NEG	0
489	9/5/2013 14:01	CEILING	DRYWALL	D	FAIR	WHITE	9D	1	3	NEG	0.02
490	9/5/2013 14:02	CABINET	WOOD	D	FAIR	CLEAR	9D	1	3	NEG	0
491	9/5/2013 14:02	DOOR	WOOD	B	FAIR	CLEAR	9D	1	3	NEG	0
492	9/5/2013 14:02	DOOR CASING	WOOD	B	FAIR	CLEAR	9D	1	3	NEG	0
493	9/5/2013 14:02	DOOR JAMB	WOOD	B	FAIR	CLEAR	9D	1	3	NEG	0
494	9/5/2013 14:02	CLOSET DOOR	WOOD	C	FAIR	CLEAR	9D	1	3	NEG	0
495	9/5/2013 14:03	CLOSET SHELF	WOOD	C	FAIR	WHITE	9D	1	HALL	NEG	0
496	9/5/2013 14:03	STAIR RAIL	WOOD	C	FAIR	CLEAR	9D	1	HALL	NEG	0
497	9/5/2013 14:04	STAIR STRINGER	WOOD	C	FAIR	WHITE	9D	1	STAIR	NEG	0
498	9/5/2013 14:05	WALL	DRYWALL	A	FAIR	WHITE	9D	1	4	NEG	0
499	9/5/2013 14:05	WALL	DRYWALL	B	FAIR	WHITE	9D	1	4	NEG	0
500	9/5/2013 14:06	WALL	DRYWALL	C	FAIR	WHITE	9D	1	4	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
501	9/5/2013 14:06	WALL	DRYWALL	D	FAIR	WHITE	9D	1	NEG	0.01
502	9/5/2013 14:06	WINDOW STOOL	WOOD	A	FAIR	WHITE	9D	1	NEG	0
503	9/5/2013 14:07	CLOSET DOOR	WOOD	B	FAIR	CLEAR	9D	1	NEG	0
504	9/5/2013 14:07	CLOSET SHELF	WOOD	B	FAIR	WHITE	9D	1	NEG	0
505	9/5/2013 14:07	DOOR	WOOD	B	FAIR	CLEAR	9D	1	NEG	0
506	9/5/2013 14:07	DOOR CASING	WOOD	B	FAIR	CLEAR	9D	1	NEG	0.01
507	9/5/2013 14:08	DOOR JAMB	WOOD	B	FAIR	CLEAR	9D	1	NEG	0
508	9/5/2013 14:08	WALL	DRYWALL	A	FAIR	WHITE	9D	1	NEG	0
509	9/5/2013 14:08	WALL	DRYWALL	B	FAIR	WHITE	9D	1	NEG	0
510	9/5/2013 14:09	WALL	DRYWALL	C	FAIR	WHITE	9D	1	NEG	0
511	9/5/2013 14:09	WALL	DRYWALL	D	FAIR	WHITE	9D	1	NEG	0
512	9/5/2013 14:09	WINDOW STOOL	WOOD	A	FAIR	WHITE	9D	1	NEG	0
513	9/5/2013 14:10	CLOSET DOOR	WOOD	C	FAIR	CLEAR	9D	1	NEG	0
514	9/5/2013 14:10	CLOSET SHELF	WOOD	C	FAIR	WHITE	9D	1	NEG	0
515	9/5/2013 14:10	DOOR	WOOD	D	FAIR	CLEAR	9D	1	NEG	0
516	9/5/2013 14:10	DOOR CASING	WOOD	D	FAIR	CLEAR	9D	1	NEG	0
517	9/5/2013 14:11	DOOR JAMB	WOOD	D	FAIR	CLEAR	9D	1	NEG	0.02
518	9/5/2013 14:12	WALL	DRYWALL	A	FAIR	WHITE	9D	1	NEG	0
519	9/5/2013 14:12	WALL	DRYWALL	B	FAIR	WHITE	9D	1	NEG	0
520	9/5/2013 14:13	WALL	DRYWALL	C	FAIR	WHITE	9D	1	NEG	0
521	9/5/2013 14:13	WALL	DRYWALL	D	FAIR	WHITE	9D	1	NEG	0
522	9/5/2013 14:13	CEILING	DRYWALL	D	FAIR	WHITE	9D	1	NEG	0
523	9/5/2013 14:13	CABINET	WOOD	B	FAIR	CLEAR	9D	1	NEG	0
524	9/5/2013 14:13	DOOR	WOOD	D	FAIR	CLEAR	9D	1	NEG	0
525	9/5/2013 14:14	DOOR CASING	WOOD	D	FAIR	CLEAR	9D	1	NEG	0.01
526	9/5/2013 14:14	DOOR JAMB	WOOD	D	FAIR	CLEAR	9D	1	NEG	0
527	9/5/2013 14:14	WALL	DRYWALL	A	FAIR	WHITE	9D	1	NEG	0
528	9/5/2013 14:15	WALL	DRYWALL	B	FAIR	WHITE	9D	1	NEG	0
529	9/5/2013 14:15	WALL	DRYWALL	C	FAIR	WHITE	9D	1	NEG	0
530	9/5/2013 14:15	WALL	DRYWALL	D	FAIR	WHITE	9D	1	NEG	0
531	9/5/2013 14:16	WINDOW STOOL	WOOD	C	FAIR	WHITE	9D	1	NEG	0
532	9/5/2013 14:16	CLOSET DOOR	WOOD	D	FAIR	CLEAR	9D	1	NEG	0
533	9/5/2013 14:16	CLOSET SHELF	WOOD	D	FAIR	WHITE	9D	1	NEG	0
534	9/5/2013 14:17	DOOR	WOOD	D	FAIR	CLEAR	9D	1	NEG	0
535	9/5/2013 14:17	DOOR CASING	WOOD	D	FAIR	CLEAR	9D	1	NEG	0
536	9/5/2013 14:17	DOOR JAMB	WOOD	D	FAIR	CLEAR	9D	1	NEG	0
537	9/5/2013 14:18	WALL	DRYWALL	A	FAIR	WHITE	9D	1	NEG	0
538	9/5/2013 14:18	WALL	DRYWALL	B	FAIR	WHITE	9D	1	NEG	0
539	9/5/2013 14:18	WALL	DRYWALL	C	FAIR	WHITE	9D	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
540	9/5/2013 14:19	WALL	DRYWALL	D	FAIR	WHITE	9D	1	NEG	0
541	9/5/2013 14:19	WINDOW STOOL	WOOD	C	FAIR	WHITE	9D	1	NEG	0
542	9/5/2013 14:19	CLOSET DOOR	WOOD	A	FAIR	CLEAR	9D	1	NEG	0
543	9/5/2013 14:20	CLOSET SHELF	WOOD	A	FAIR	WHITE	9D	1	NEG	0
544	9/5/2013 14:20	DOOR	WOOD	B	FAIR	CLEAR	9D	1	NEG	0
545	9/5/2013 14:20	DOOR CASING	WOOD	B	FAIR	CLEAR	9D	1	NEG	0
546	9/5/2013 14:20	DOOR JAMB	WOOD	B	FAIR	CLEAR	9D	1	NEG	0
547	9/5/2013 14:21	CLOSET DOOR	WOOD	A	FAIR	CLEAR	9D	1	NEG	0
548	9/5/2013 14:21	CLOSET CASING	WOOD	A	FAIR	CLEAR	9D	1	NEG	0
549	9/5/2013 14:21	CLOSET JAMB	WOOD	A	FAIR	CLEAR	9D	1	NEG	0
550	9/5/2013 14:21	CLOSET SHELF	WOOD	A	FAIR	WHITE	9D	1	NEG	0
551	9/5/2013 14:22	CABINET	WOOD	A	FAIR	CLEAR	9D	1	NEG	0
552	9/5/2013 14:25	WALL	DRYWALL	A	FAIR	WHITE	10F	1	NEG	0.01
553	9/5/2013 14:25	WALL	DRYWALL	B	FAIR	WHITE	10F	1	NEG	0
554	9/5/2013 14:26	WALL	DRYWALL	C	FAIR	WHITE	10F	1	NEG	0
555	9/5/2013 14:26	WALL	DRYWALL	D	FAIR	WHITE	10F	1	NEG	0
556	9/5/2013 14:26	CEILING	DRYWALL	D	FAIR	WHITE	10F	1	NEG	0
557	9/5/2013 14:27	WINDOW STOOL	WOOD	A	FAIR	WHITE	10F	1	NEG	0
558	9/5/2013 14:27	DOOR	WOOD	A	FAIR	WHITE	10F	1	NEG	0
559	9/5/2013 14:28	DOOR CASING	WOOD	A	FAIR	WHITE	10F	1	NEG	0
560	9/5/2013 14:28	DOOR JAMB	WOOD	A	FAIR	WHITE	10F	1	NEG	0
561	9/5/2013 14:28	CABINET	WOOD	A	FAIR	CLEAR	10F	1	NEG	0
562	9/5/2013 14:29	CLOSET DOOR	WOOD	C	FAIR	CLEAR	10F	1	NEG	0
563	9/5/2013 14:29	CLOSET SHELF	WOOD	C	FAIR	WHITE	10F	1	NEG	0
564	9/5/2013 14:30	CLOSET DOOR	WOOD	C	FAIR	CLEAR	10F	1	NEG	0
565	9/5/2013 14:30	CLOSET SHELF	WOOD	C	FAIR	WHITE	10F	1	NEG	0.02
566	9/5/2013 14:30	WALL	DRYWALL	A	FAIR	WHITE	10F	1	NEG	0
567	9/5/2013 14:31	WALL	DRYWALL	B	FAIR	WHITE	10F	1	NEG	0
568	9/5/2013 14:31	WALL	DRYWALL	C	FAIR	WHITE	10F	1	NEG	0
569	9/5/2013 14:32	WALL	DRYWALL	D	FAIR	WHITE	10F	1	NEG	0
570	9/5/2013 14:33	WALL	DRYWALL	A	FAIR	WHITE	10F	1	NEG	0
571	9/5/2013 14:33	WALL	DRYWALL	B	FAIR	WHITE	10F	1	NEG	0.05
572	9/5/2013 14:34	WALL	DRYWALL	C	FAIR	WHITE	10F	1	NEG	0
573	9/5/2013 14:34	WALL	DRYWALL	D	FAIR	WHITE	10F	1	NEG	0
574	9/5/2013 14:34	BASEBOARD	WOOD	D	FAIR	WHITE	10F	1	NEG	0
575	9/5/2013 14:35	CLOSET DOOR	WOOD	B	FAIR	CLEAR	10F	1	NEG	0
576	9/5/2013 14:35	CLOSET SHELF	WOOD	B	FAIR	WHITE	10F	1	NEG	0.05
577	9/5/2013 14:35	WINDOW STOOL	WOOD	C	FAIR	WHITE	10F	1	NEG	0
578	9/5/2013 14:35	DOOR	WOOD	A	FAIR	WHITE	10F	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
579	9/5/2013 14:36	DOOR CASING	WOOD	A	FAIR	WHITE	10F	1	NEG	0
580	9/5/2013 14:36	DOOR JAMB	WOOD	A	FAIR	WHITE	10F	1	NEG	0
581	9/5/2013 14:37	WALL	DRYWALL	A	FAIR	WHITE	10F	1	NEG	0
582	9/5/2013 14:37	WALL	DRYWALL	B	FAIR	WHITE	10F	1	NEG	0
583	9/5/2013 14:37	WALL	DRYWALL	C	FAIR	WHITE	10F	1	NEG	0
584	9/5/2013 14:37	WALL	DRYWALL	D	FAIR	WHITE	10F	1	NEG	0
585	9/5/2013 14:38	WINDOW STOOL	WOOD	B	FAIR	WHITE	10F	1	NEG	0
586	9/5/2013 14:38	CLOSET DOOR	WOOD	D	FAIR	CLEAR	10F	1	NEG	0
587	9/5/2013 14:38	CLOSET SHELF	WOOD	D	FAIR	WHITE	10F	1	NEG	0
588	9/5/2013 14:39	DOOR	WOOD	A	FAIR	WHITE	10F	1	NEG	0
589	9/5/2013 14:39	DOOR CASING	WOOD	A	FAIR	WHITE	10F	1	NEG	0.01
590	9/5/2013 14:39	DOOR JAMB	WOOD	A	FAIR	WHITE	10F	1	NEG	0
591	9/5/2013 14:40	WALL	DRYWALL	A	FAIR	WHITE	10F	1	NEG	0
592	9/5/2013 14:41	WALL	DRYWALL	B	FAIR	WHITE	10F	1	NEG	0
593	9/5/2013 14:41	WALL	DRYWALL	C	FAIR	WHITE	10F	1	NEG	0
594	9/5/2013 14:41	WALL	DRYWALL	D	FAIR	WHITE	10F	1	NEG	0
595	9/5/2013 14:42	BASEBOARD	WOOD	D	FAIR	WHITE	10F	1	NEG	0.01
596	9/5/2013 14:42	WINDOW STOOL	WOOD	B	FAIR	WHITE	10F	1	NEG	0.07
597	9/5/2013 14:42	CLOSET DOOR	WOOD	D	FAIR	CLEAR	10F	1	NEG	0
598	9/5/2013 14:43	CLOSET SHELF	WOOD	D	FAIR	WHITE	10F	1	NEG	0
599	9/5/2013 14:43	DOOR	WOOD	D	FAIR	WHITE	10F	1	NEG	0
600	9/5/2013 14:43	DOOR CASING	WOOD	D	FAIR	WHITE	10F	1	NEG	0
601	9/5/2013 14:43	DOOR JAMB	WOOD	D	FAIR	WHITE	10F	1	NEG	0
602	9/5/2013 14:44	WALL	DRYWALL	A	FAIR	WHITE	10F	1	NEG	0
603	9/5/2013 14:44	WALL	DRYWALL	B	FAIR	WHITE	10F	1	NEG	0
604	9/5/2013 14:44	WALL	DRYWALL	C	FAIR	WHITE	10F	1	NEG	0
605	9/5/2013 14:44	WALL	DRYWALL	D	FAIR	WHITE	10F	1	NEG	0
606	9/5/2013 14:45	CEILING	DRYWALL	D	FAIR	WHITE	10F	1	NEG	0
607	9/5/2013 14:45	CABINET	WOOD	D	FAIR	CLEAR	10F	1	NEG	0
608	9/5/2013 14:45	DOOR	WOOD	C	FAIR	WHITE	10F	1	NEG	0
609	9/5/2013 14:45	DOOR CASING	WOOD	C	FAIR	WHITE	10F	1	NEG	0
610	9/5/2013 14:46	DOOR JAMB	WOOD	C	FAIR	WHITE	10F	1	NEG	0
611	9/5/2013 14:50	WALL	DRYWALL	A	FAIR	WHITE	11A	1	NEG	0
612	9/5/2013 14:50	WALL	DRYWALL	B	FAIR	WHITE	11A	1	NEG	0
613	9/5/2013 14:50	WALL	DRYWALL	C	FAIR	WHITE	11A	1	NEG	0.03
614	9/5/2013 14:51	WALL	DRYWALL	D	FAIR	WHITE	11A	1	NEG	0.08
615	9/5/2013 14:51	WALL	DRYWALL	D	FAIR	WHITE	11A	1	NEG	0.01
616	9/5/2013 14:51	CEILING	DRYWALL	D	FAIR	WHITE	11A	1	NEG	0
617	9/5/2013 14:51	CABINET	WOOD	D	FAIR	CLEAR	11A	1	NEG	0.01

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
618	9/5/2013 14:52	WINDOW STOOL	WOOD	A	FAIR	WHITE	11A	1	NEG	0
619	9/5/2013 14:52	DOOR	WOOD	A	FAIR	CLEAR	11A	1	NEG	0
620	9/5/2013 14:52	DOOR CASING	WOOD	A	FAIR	CLEAR	11A	1	NEG	0
621	9/5/2013 14:52	DOOR JAMB	WOOD	A	FAIR	CLEAR	11A	1	NEG	0
622	9/5/2013 14:54	WALL	DRYWALL	A	FAIR	WHITE	11A	1	NEG	0
623	9/5/2013 14:54	WALL	DRYWALL	B	FAIR	WHITE	11A	2	NEG	0
624	9/5/2013 14:55	WALL	DRYWALL	C	FAIR	WHITE	11A	2	NEG	0
625	9/5/2013 14:55	WALL	DRYWALL	D	FAIR	WHITE	11A	2	NEG	0
626	9/5/2013 14:55	WINDOW STOOL	WOOD	A	FAIR	WHITE	11A	2	NEG	0
627	9/5/2013 14:56	CLOSET DOOR	WOOD	D	FAIR	CLEAR	11A	2	NEG	0
628	9/5/2013 14:56	CLOSET SHELF	WOOD	D	FAIR	WHITE	11A	2	NEG	0
629	9/5/2013 15:02	WALL	DRYWALL	A	FAIR	WHITE	11A	3	NEG	0
630	9/5/2013 15:02	WALL	DRYWALL	B	FAIR	WHITE	11A	3	NEG	0
631	9/5/2013 15:02	WALL	DRYWALL	C	FAIR	WHITE	11A	3	NEG	0
632	9/5/2013 15:03	WALL	DRYWALL	D	FAIR	WHITE	11A	3	NEG	0
633	9/5/2013 15:03	WINDOW STOOL	WOOD	B	FAIR	WHITE	11A	3	NEG	0
634	9/5/2013 15:03	CLOSET DOOR	WOOD	D	FAIR	CLEAR	11A	3	NEG	0
635	9/5/2013 15:04	CLOSET SHELF	WOOD	D	FAIR	WHITE	11A	3	NEG	0
636	9/5/2013 15:04	DOOR	WOOD	A	FAIR	CLEAR	11A	3	NEG	0
637	9/5/2013 15:04	DOOR CASING	WOOD	A	FAIR	CLEAR	11A	3	NEG	0
638	9/5/2013 15:04	DOOR JAMB	WOOD	A	FAIR	CLEAR	11A	3	NEG	0
639	9/5/2013 15:06	WALL	DRYWALL	A	FAIR	WHITE	11A	4	NEG	0
640	9/5/2013 15:06	WALL	DRYWALL	B	FAIR	WHITE	11A	4	NEG	0
641	9/5/2013 15:06	WALL	DRYWALL	C	FAIR	WHITE	11A	4	NEG	0
642	9/5/2013 15:06	WALL	DRYWALL	D	FAIR	WHITE	11A	4	NEG	0
643	9/5/2013 15:07	WINDOW STOOL	WOOD	C	FAIR	WHITE	11A	4	NEG	0.02
644	9/5/2013 15:07	CLOSET DOOR	WOOD	A	FAIR	WHITE	11A	4	NEG	0
645	9/5/2013 15:07	CLOSET SHELF	WOOD	A	FAIR	CLEAR	11A	4	NEG	0.03
646	9/5/2013 15:08	DOOR	WOOD	B	FAIR	WHITE	11A	4	NEG	0
647	9/5/2013 15:08	DOOR CASING	WOOD	B	FAIR	CLEAR	11A	4	NEG	0
648	9/5/2013 15:08	DOOR JAMB	WOOD	B	FAIR	CLEAR	11A	4	NEG	0
649	9/5/2013 15:08	WALL	DRYWALL	A	FAIR	CLEAR	11A	5	NEG	0
650	9/5/2013 15:09	WALL	DRYWALL	B	FAIR	WHITE	11A	5	NEG	0
651	9/5/2013 15:09	WALL	DRYWALL	C	FAIR	WHITE	11A	5	NEG	0
652	9/5/2013 15:09	WALL	DRYWALL	D	FAIR	WHITE	11A	5	NEG	0.01
653	9/5/2013 15:09	CEILING	DRYWALL	D	FAIR	WHITE	11A	5	NEG	0
654	9/5/2013 15:10	DOOR	WOOD	B	FAIR	WHITE	11A	5	NEG	0
655	9/5/2013 15:10	DOOR CASING	WOOD	B	FAIR	CLEAR	11A	5	NEG	0
656	9/5/2013 15:10	DOOR JAMB	WOOD	B	FAIR	CLEAR	11A	5	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
657	9/5/2013 15:14	WALL	DRYWALL	A	FAIR	WHITE	12F	1	NEG	0
658	9/5/2013 15:14	WALL	DRYWALL	B	FAIR	WHITE	12F	1	NEG	0
659	9/5/2013 15:14	WALL	DRYWALL	C	FAIR	WHITE	12F	1	NEG	0
660	9/5/2013 15:15	WALL	DRYWALL	D	FAIR	WHITE	12F	1	NEG	0
661	9/5/2013 15:15	CEILING	DRYWALL	D	FAIR	WHITE	12F	1	NEG	0
662	9/5/2013 15:15	CABINET	WOOD	A	FAIR	BEIGE	12F	1	NEG	0
663	9/5/2013 15:15	WINDOW STOOL	WOOD	A	FAIR	WHITE	12F	1	NEG	0
664	9/5/2013 15:16	DOOR	WOOD	A	FAIR	CLEAR	12F	1	NEG	0
665	9/5/2013 15:16	DOOR CASING	WOOD	A	FAIR	WHITE	12F	1	NEG	0
666	9/5/2013 15:16	DOOR JAMB	WOOD	A	FAIR	WHITE	12F	1	NEG	0
667	9/5/2013 15:17	CLOSET DOOR	WOOD	C	FAIR	CLEAR	12F	1	NEG	0.01
668	9/5/2013 15:17	CLOSET SHELF	WOOD	C	FAIR	WHITE	12F	1	NEG	0
669	9/5/2013 15:17	CLOSET DOOR	WOOD	C	FAIR	CLEAR	12F	1	NEG	0
670	9/5/2013 15:17	CLOSET SHELF	WOOD	C	FAIR	WHITE	12F	1	NEG	0
671	9/5/2013 15:18	WALL	DRYWALL	A	FAIR	WHITE	12F	2	NEG	0
672	9/5/2013 15:19	WALL	DRYWALL	B	FAIR	WHITE	12F	2	NEG	0
673	9/5/2013 15:19	WALL	DRYWALL	C	FAIR	WHITE	12F	2	NEG	0
674	9/5/2013 15:20	WALL	DRYWALL	D	FAIR	WHITE	12F	2	NEG	0
675	9/5/2013 15:20	WALL	DRYWALL	A	FAIR	WHITE	12F	3	NEG	0
676	9/5/2013 15:20	WALL	DRYWALL	B	FAIR	WHITE	12F	3	NEG	0
677	9/5/2013 15:21	WALL	DRYWALL	C	FAIR	WHITE	12F	3	NEG	0
678	9/5/2013 15:21	WALL	DRYWALL	D	FAIR	WHITE	12F	3	NEG	0
679	9/5/2013 15:21	CLOSET DOOR	WOOD	B	FAIR	CLEAR	12F	3	NEG	0.01
680	9/5/2013 15:21	CLOSET SHELF	WOOD	B	FAIR	WHITE	12F	3	NEG	0.01
681	9/5/2013 15:22	WINDOW STOOL	WOOD	C	FAIR	WHITE	12F	3	NEG	0
682	9/5/2013 15:22	DOOR	WOOD	A	FAIR	CLEAR	12F	3	NEG	0
683	9/5/2013 15:22	DOOR CASING	WOOD	A	FAIR	CLEAR	12F	3	NEG	0
684	9/5/2013 15:22	DOOR JAMB	WOOD	A	FAIR	CLEAR	12F	3	NEG	0
685	9/5/2013 15:23	WALL	DRYWALL	A	FAIR	WHITE	12F	4	NEG	0
686	9/5/2013 15:23	WALL	DRYWALL	B	FAIR	WHITE	12F	4	NEG	0.02
687	9/5/2013 15:23	WALL	DRYWALL	C	FAIR	WHITE	12F	4	NEG	0
688	9/5/2013 15:23	WALL	DRYWALL	D	FAIR	WHITE	12F	4	NEG	0
689	9/5/2013 15:24	WINDOW STOOL	WOOD	B	FAIR	WHITE	12F	4	NEG	0
690	9/5/2013 15:24	CLOSET DOOR	WOOD	D	FAIR	CLEAR	12F	4	NEG	0
691	9/5/2013 15:24	CLOSET SHELF	WOOD	D	FAIR	WHITE	12F	4	NEG	0.01
692	9/5/2013 15:25	DOOR	WOOD	A	FAIR	CLEAR	12F	4	NEG	0
693	9/5/2013 15:25	DOOR CASING	WOOD	A	FAIR	CLEAR	12F	4	NEG	0
694	9/5/2013 15:25	DOOR JAMB	WOOD	A	FAIR	CLEAR	12F	4	NEG	0
695	9/5/2013 15:26	WALL	DRYWALL	A	FAIR	WHITE	12F	5	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	SITE FLOOR	ROOM	Results	PbC
696	9/5/2013 15:26	WALL	DRYWALL	B	FAIR	WHITE	12F	1	NEG	0
697	9/5/2013 15:26	WALL	DRYWALL	C	FAIR	WHITE	12F	1	NEG	0
698	9/5/2013 15:26	WALL	DRYWALL	D	FAIR	WHITE	12F	1	NEG	0
699	9/5/2013 15:27	WINDOW STOOL	WOOD	B	FAIR	WHITE	12F	1	NEG	0
700	9/5/2013 15:27	CLOSET DOOR	WOOD	D	FAIR	CLEAR	12F	1	NEG	0
701	9/5/2013 15:27	CLOSET SHELF	WOOD	D	FAIR	WHITE	12F	1	NEG	0
702	9/5/2013 15:28	DOOR	WOOD	D	FAIR	CLEAR	12F	1	NEG	0
703	9/5/2013 15:28	DOOR CASING	WOOD	D	FAIR	CLEAR	12F	1	NEG	0
704	9/5/2013 15:28	DOOR JAMB	WOOD	D	FAIR	CLEAR	12F	1	NEG	0
705	9/5/2013 15:28	WALL	DRYWALL	A	FAIR	WHITE	12F	1	NEG	0
706	9/5/2013 15:28	WALL	DRYWALL	B	FAIR	WHITE	12F	1	NEG	0
707	9/5/2013 15:29	WALL	DRYWALL	C	FAIR	WHITE	12F	1	NEG	0
708	9/5/2013 15:29	WALL	DRYWALL	D	FAIR	WHITE	12F	1	NEG	0
709	9/5/2013 15:29	CEILING	DRYWALL	D	FAIR	WHITE	12F	1	NEG	0
710	9/5/2013 15:29	DOOR	WOOD	C	FAIR	CLEAR	12F	1	NEG	0
711	9/5/2013 15:30	DOOR CASING	WOOD	C	FAIR	CLEAR	12F	1	NEG	0.05
712	9/5/2013 15:30	DOOR JAMB	WOOD	C	FAIR	CLEAR	12F	1	NEG	0
713	9/5/2013 15:35			CALIBRATE					POS	1.1
714	9/5/2013 15:35			CALIBRATE					POS	1
715	9/5/2013 15:35			CALIBRATE					POS	1

NVL Laboratories, Inc

4708 Aurora Ave. N., Seattle, WA 98103
Tel: 206.547.0100, Fax: 206.634.1936
1.888.NVLLABS(685.5227); www.nvllabs.com

Calibration Check Test Results



Date: Sep 6, 2013

Client: Quantum Management

Project Location: 13310 NE 133rd Street

Kirkland, WA 98034

NVL Project #: 2013-770

Device: XLP 300a Spectrum Analyzer

XRF Serial # 17840NR9395

Inspected by: Sam House

Certification #: 6293

Inspector Signature: _____

Expiration Date February 9, 2014

NIST SRM Use 1.04 mg/cm²

Calibration Check Tolerance Use +/- 0.06 mg/cm²

First Calibration Check

NIST SRM			Average
First Reading	Second Reading	Third Reading	
1.0	1.0	1.1	1.03

Second Calibration Check

NIST SRM			Average
First Reading	Second Reading	Third Reading	
1.1	1.1	1.1	1.1

Third Calibration Check (if required)

			Average
First Reading	Second Reading	Third Reading	
1.1	1.0	1.1	1.07

Fourth Calibration Check (if required)

NIST SRM			Average

NITON

Serial # XLP 300A - 17840NR9395

PAINT

Inspected by: Sam House; WA-Commerce Lead Inspector Certification # 6293 (Expires on: February 9, 2014)

Site: 13310 BE 133rd St, Kirkland, WA 98034

Date: 9/6/2013 9:15

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
1	9/6/2013 9:15									4.23
2	9/6/2013 9:26			CALIBRATE					POS	1
3	9/6/2013 9:26			CALIBRATE					POS	1
4	9/6/2013 9:26			CALIBRATE					POS	1.1
5	9/6/2013 9:34	WALL	DRYWALL	A	WHITE	13G	1	1	NEG	0
6	9/6/2013 9:34	WALL	DRYWALL	B	WHITE	13G	1	1	NEG	0
7	9/6/2013 9:35	WALL	DRYWALL	C	WHITE	13G	1	1	NEG	0
8	9/6/2013 9:35	WALL	DRYWALL	D	WHITE	13G	1	1	NEG	0
9	9/6/2013 9:35	CEILING	DRYWALL	D	WHITE	13G	1	1	NEG	0
10	9/6/2013 9:36	CABINET	WOOD	A	CLEAR	13G	1	1	NEG	0
11	9/6/2013 9:36	WINDOW STOOL	WOOD	A	WHITE	13G	1	1	NEG	0
12	9/6/2013 9:36	DOOR	WOOD	A	CLEAR	13G	1	1	NEG	0
13	9/6/2013 9:36	DOOR CASING	WOOD	A	CLEAR	13G	1	1	NEG	0
14	9/6/2013 9:37	DOOR JAMB	WOOD	A	CLEAR	13G	1	1	NEG	0.01
15	9/6/2013 9:37	CLOSET DOOR	WOOD	C	CLEAR	13G	1	1	NEG	0
16	9/6/2013 9:37	CLOSET SHELF	WOOD	C	WHITE	13G	1	1	NEG	0
17	9/6/2013 9:38	CLOSET DOOR	WOOD	C	CLEAR	13G	1	1	NEG	0
18	9/6/2013 9:38	CLOSET SHELF	WOOD	C	WHITE	13G	1	1	NEG	0
19	9/6/2013 9:38	WALL	DRYWALL	A	WHITE	13G	1	2	NEG	0.01
20	9/6/2013 9:39	WALL	DRYWALL	B	WHITE	13G	1	2	NEG	0.01
21	9/6/2013 9:39	WALL	DRYWALL	C	WHITE	13G	1	2	NEG	0
22	9/6/2013 9:39	WALL	DRYWALL	D	WHITE	13G	1	2	NEG	0
23	9/6/2013 9:40	BASEBOARD	WOOD	D	WHITE	13G	1	2	NEG	0
24	9/6/2013 9:40	WALL	DRYWALL	A	WHITE	13G	1	3	NEG	0
25	9/6/2013 9:40	WALL	DRYWALL	B	WHITE	13G	1	3	NEG	0
26	9/6/2013 9:41	WALL	DRYWALL	C	WHITE	13G	1	3	NEG	0
27	9/6/2013 9:41	WALL	DRYWALL	D	WHITE	13G	1	3	NEG	0
28	9/6/2013 9:41	BASEBOARD	WOOD	D	WHITE	13G	1	3	NEG	0
29	9/6/2013 9:41	WINDOW STOOL	WOOD	C	WHITE	13G	1	3	NEG	0.01
30	9/6/2013 9:42	CLOSET DOOR	WOOD	D	CLEAR	13G	1	3	NEG	0
31	9/6/2013 9:42	CLOSET SHELF	WOOD	D	WHITE	13G	1	3	NEG	0
32	9/6/2013 9:42	DOOR	WOOD	A	CLEAR	13G	1	3	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
33	9/6/2013 9:42	DOOR CASING	WOOD	A	CLEAR	13G	1	3	NEG	0
34	9/6/2013 9:43	DOOR JAMB	WOOD	A	CLEAR	13G	1	3	NEG	0.02
35	9/6/2013 9:43	WALL	DRYWALL	A	WHITE	13G	1	4	NEG	0
36	9/6/2013 9:43	WALL	DRYWALL	B	WHITE	13G	1	4	NEG	0
37	9/6/2013 9:44	WALL	DRYWALL	C	WHITE	13G	1	4	NEG	0
38	9/6/2013 9:44	WALL	DRYWALL	D	WHITE	13G	1	4	NEG	0
39	9/6/2013 9:44	BASEBOARD	WOOD	D	WHITE	13G	1	4	NEG	0
40	9/6/2013 9:45	CLOSET DOOR	WOOD	B	CLEAR	13G	1	4	NEG	0
41	9/6/2013 9:45	CLOSET SHELF	WOOD	B	WHITE	13G	1	4	NEG	0.04
42	9/6/2013 9:45	WINDOW STOOL	WOOD	D	WHITE	13G	1	4	NEG	0
43	9/6/2013 9:46	DOOR	WOOD	A	CLEAR	13G	1	4	NEG	0
44	9/6/2013 9:46	DOOR CASING	WOOD	A	CLEAR	13G	1	4	NEG	0
45	9/6/2013 9:46	DOOR JAMB	WOOD	A	CLEAR	13G	1	4	NEG	0
46	9/6/2013 9:46	WALL	DRYWALL	A	WHITE	13G	1	5	NEG	0
47	9/6/2013 9:47	WALL	DRYWALL	B	WHITE	13G	1	5	NEG	0
48	9/6/2013 9:47	WALL	DRYWALL	C	WHITE	13G	1	5	NEG	0.01
49	9/6/2013 9:47	WALL	DRYWALL	D	WHITE	13G	1	5	NEG	0
50	9/6/2013 9:47	BASEBOARD	WOOD	D	WHITE	13G	1	5	NEG	0
51	9/6/2013 9:48	CLOSET DOOR	WOOD	B	CLEAR	13G	1	5	NEG	0
52	9/6/2013 9:48	CLOSET SHELF	WOOD	B	WHITE	13G	1	5	NEG	0
53	9/6/2013 9:48	WINDOW STOOL	WOOD	D	WHITE	13G	1	5	NEG	0
54	9/6/2013 9:49	DOOR	WOOD	B	CLEAR	13G	1	5	NEG	0
55	9/6/2013 9:49	DOOR CASING	WOOD	B	CLEAR	13G	1	5	NEG	0
56	9/6/2013 9:49	DOOR JAMB	WOOD	B	CLEAR	13G	1	5	NEG	0
57	9/6/2013 9:49	WALL	DRYWALL	A	WHITE	13G	1	6	NEG	0
58	9/6/2013 9:50	WALL	DRYWALL	B	WHITE	13G	1	6	NEG	0
59	9/6/2013 9:50	WALL	DRYWALL	C	WHITE	13G	1	6	NEG	0
60	9/6/2013 9:50	WALL	DRYWALL	D	WHITE	13G	1	6	NEG	0
61	9/6/2013 9:50	CABINET	DRYWALL	B	CLEAR	13G	1	6	NEG	0
62	9/6/2013 9:51	DOOR	WOOD	C	CLEAR	13G	1	6	NEG	0.01
63	9/6/2013 9:51	DOOR CASING	WOOD	C	CLEAR	13G	1	6	NEG	0
64	9/6/2013 9:51	DOOR JAMB	WOOD	C	CLEAR	13G	1	6	NEG	0
65	9/6/2013 9:55	WALL	DRYWALL	A	WHITE	14B	1	1	NEG	0
66	9/6/2013 9:55	WALL	DRYWALL	B	WHITE	14B	1	1	NEG	0
67	9/6/2013 9:55	WALL	DRYWALL	C	WHITE	14B	1	1	NEG	0
68	9/6/2013 9:55	WALL	DRYWALL	D	WHITE	14B	1	1	NEG	0
69	9/6/2013 9:56	CEILING	DRYWALL	D	WHITE	14B	1	1	NEG	0
70	9/6/2013 9:56	DOOR	WOOD	A	WHITE	14B	1	1	NEG	0
71	9/6/2013 9:56	DOOR CASING	WOOD	A	CLEAR	14B	1	1	NEG	0.01

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
72	9/6/2013 9:57	DOOR JAMB	WOOD	A	WHITE	14B	1	1	NEG	0
73	9/6/2013 9:57	WINDOW STOOL	WOOD	A	WHITE	14B	1	1	NEG	0
74	9/6/2013 9:57	CABINET	WOOD	A	CLEAR	14B	1	1	NEG	0
75	9/6/2013 9:57	CLOSET DOOR	WOOD	C	CLEAR	14B	1	1	NEG	0
76	9/6/2013 9:58	CLOSET SHELF	WOOD	C	WHITE	14B	1	1	NEG	0
77	9/6/2013 9:58	CLOSET DOOR	WOOD	C	CLEAR	14B	1	1	NEG	0
78	9/6/2013 9:58	CLOSET SHELF	WOOD	C	WHITE	14B	1	1	NEG	0
79	9/6/2013 9:59	WALL	DRYWALL	A	WHITE	14B	1	2	NEG	0
80	9/6/2013 9:59	WALL	DRYWALL	B	WHITE	14B	1	2	NEG	0
81	9/6/2013 9:59	WALL	DRYWALL	C	WHITE	14B	1	2	NEG	0
82	9/6/2013 9:59	WALL	DRYWALL	D	WHITE	14B	1	2	NEG	0
83	9/6/2013 10:00	WALL	DRYWALL	A	WHITE	14B	1	3	NEG	0
84	9/6/2013 10:00	WALL	DRYWALL	B	WHITE	14B	1	3	NEG	0.01
85	9/6/2013 10:00	WALL	DRYWALL	C	WHITE	14B	1	3	NEG	0
86	9/6/2013 10:00	WALL	DRYWALL	D	WHITE	14B	1	3	NEG	0
87	9/6/2013 10:01	CLOSET DOOR	WOOD	B	CLEAR	14B	1	3	NEG	0
88	9/6/2013 10:01	CLOSET SHELF	WOOD	B	WHITE	14B	1	3	NEG	0
89	9/6/2013 10:01	WINDOW STOOL	WOOD	C	WHITE	14B	1	3	NEG	0
90	9/6/2013 10:01	DOOR	WOOD	A	CLEAR	14B	1	3	NEG	0.02
91	9/6/2013 10:02	DOOR CASING	WOOD	A	CLEAR	14B	1	3	NEG	0
92	9/6/2013 10:02	DOOR JAMB	WOOD	A	CLEAR	14B	1	3	NEG	0
93	9/6/2013 10:02	WALL	DRYWALL	A	WHITE	14B	1	4	NEG	0
94	9/6/2013 10:02	WALL	DRYWALL	B	WHITE	14B	1	4	NEG	0
95	9/6/2013 10:03	WALL	DRYWALL	C	WHITE	14B	1	4	NEG	0
96	9/6/2013 10:03	WALL	DRYWALL	D	WHITE	14B	1	4	NEG	0
97	9/6/2013 10:03	WINDOW STOOL	WOOD	B	WHITE	14B	1	4	NEG	0.01
98	9/6/2013 10:03	CLOSET DOOR	WOOD	D	CLEAR	14B	1	4	NEG	0
99	9/6/2013 10:04	CLOSET SHELF	WOOD	D	WHITE	14B	1	4	NEG	0.01
100	9/6/2013 10:04	DOOR	WOOD	A	CLEAR	14B	1	4	NEG	0
101	9/6/2013 10:04	DOOR CASING	WOOD	A	CLEAR	14B	1	4	NEG	0
102	9/6/2013 10:04	DOOR JAMB	WOOD	A	CLEAR	14B	1	4	NEG	0
103	9/6/2013 10:05	WALL	DRYWALL	A	WHITE	14B	1	5	NEG	0
104	9/6/2013 10:05	WALL	DRYWALL	B	WHITE	14B	1	5	NEG	0
105	9/6/2013 10:05	WALL	DRYWALL	C	WHITE	14B	1	5	NEG	0
106	9/6/2013 10:05	WALL	DRYWALL	D	WHITE	14B	1	5	NEG	0
107	9/6/2013 10:06	WINDOW STOOL	WOOD	B	WHITE	14B	1	5	NEG	0
108	9/6/2013 10:06	CLOSET DOOR	WOOD	D	CLEAR	14B	1	5	NEG	0
109	9/6/2013 10:06	CLOSET SHELF	WOOD	D	WHITE	14B	1	5	NEG	0
110	9/6/2013 10:06	DOOR	WOOD	D	CLEAR	14B	1	5	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
111	9/6/2013 10:06	DOOR CASING	WOOD	D	CLEAR	14B	1	5	NEG	0
112	9/6/2013 10:07	DOOR JAMB	WOOD	D	CLEAR	14B	1	5	NEG	0
113	9/6/2013 10:07	WALL	DRYWALL	A	WHITE	14B	1	6	NEG	0.01
114	9/6/2013 10:07	WALL	DRYWALL	B	WHITE	14B	1	6	NEG	0
115	9/6/2013 10:07	WALL	DRYWALL	C	WHITE	14B	1	6	NEG	0
116	9/6/2013 10:08	WALL	DRYWALL	D	WHITE	14B	1	6	NEG	0.01
117	9/6/2013 10:08	CEILING	DRYWALL	D	WHITE	14B	1	6	NEG	0
118	9/6/2013 10:08	CABINET	WOOD	D	CLEAR	14B	1	6	NEG	0
119	9/6/2013 10:08	DOOR	WOOD	C	CLEAR	14B	1	6	NEG	0
120	9/6/2013 10:08	DOOR CASING	WOOD	C	CLEAR	14B	1	6	NEG	0
121	9/6/2013 10:09	DOOR JAMB	WOOD	C	CLEAR	14B	1	6	NEG	0.01
122	9/6/2013 10:10	WALL	DRYWALL	A	WHITE	14F	1	1	NEG	0.01
123	9/6/2013 10:11	WALL	DRYWALL	B	WHITE	14F	1	1	NEG	0
124	9/6/2013 10:11	WALL	DRYWALL	C	WHITE	14F	1	1	NEG	0
125	9/6/2013 10:11	WALL	DRYWALL	D	WHITE	14F	1	1	NEG	0
126	9/6/2013 10:11	CEILING	DRYWALL	D	WHITE	14F	1	1	NEG	0
127	9/6/2013 10:12	DOOR	WOOD	A	BEIGE	14F	1	1	NEG	0
128	9/6/2013 10:12	DOOR CASING	WOOD	A	BEIGE	14F	1	1	NEG	0
129	9/6/2013 10:12	DOOR JAMB	WOOD	A	BEIGE	14F	1	1	NEG	0.01
130	9/6/2013 10:12	WINDOW STOOL	WOOD	A	WHITE	14F	1	1	NEG	0
131	9/6/2013 10:13	CABINET	WOOD	A	BEIGE	14F	1	1	NEG	0
132	9/6/2013 10:13	CLOSET DOOR	WOOD	C	CLEAR	14F	1	1	NEG	0
133	9/6/2013 10:13	CLOSET SHELF	WOOD	C	WHITE	14F	1	1	NEG	0
134	9/6/2013 10:14	CLOSET DOOR	WOOD	C	CLEAR	14F	1	1	NEG	0
135	9/6/2013 10:14	CLOSET SHELF	WOOD	C	WHITE	14F	1	1	NEG	0
136	9/6/2013 10:14	WALL	DRYWALL	A	WHITE	14F	1	2	NEG	0
137	9/6/2013 10:15	WALL	DRYWALL	B	WHITE	14F	1	2	NEG	0.02
138	9/6/2013 10:15	WALL	DRYWALL	C	WHITE	14F	1	2	NEG	0
139	9/6/2013 10:15	WALL	DRYWALL	D	WHITE	14F	1	2	NEG	0
140	9/6/2013 10:16	WALL	DRYWALL	A	WHITE	14F	1	3	NEG	0
141	9/6/2013 10:16	WALL	DRYWALL	B	WHITE	14F	1	3	NEG	0
142	9/6/2013 10:16	WALL	DRYWALL	C	WHITE	14F	1	3	NEG	0.03
143	9/6/2013 10:16	WALL	DRYWALL	D	WHITE	14F	1	3	NEG	0
144	9/6/2013 10:17	CLOSET DOOR	WOOD	B	CLEAR	14F	1	3	NEG	0
145	9/6/2013 10:17	CLOSET SHELF	WOOD	B	WHITE	14F	1	3	NEG	0.01
146	9/6/2013 10:17	WINDOW STOOL	WOOD	C	WHITE	14F	1	3	NEG	0
147	9/6/2013 10:18	DOOR	WOOD	A	CLEAR	14F	1	3	NEG	0
148	9/6/2013 10:18	DOOR CASING	WOOD	A	CLEAR	14F	1	3	NEG	0
149	9/6/2013 10:18	DOOR JAMB	WOOD	A	CLEAR	14F	1	3	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
150	9/6/2013 10:18	WALL	DRYWALL	A	WHITE	14F	1	4	NEG	0
151	9/6/2013 10:19	WALL	DRYWALL	B	WHITE	14F	1	4	NEG	0
152	9/6/2013 10:19	WALL	DRYWALL	C	WHITE	14F	1	4	NEG	0
153	9/6/2013 10:19	WALL	DRYWALL	D	WHITE	14F	1	4	NEG	0
154	9/6/2013 10:19	WINDOW STOOL	WOOD	B	WHITE	14F	1	4	NEG	0
155	9/6/2013 10:20	CLOSET DOOR	WOOD	D	CLEAR	14F	1	4	NEG	0
156	9/6/2013 10:20	CLOSET SHELF	WOOD	D	WHITE	14F	1	4	NEG	0
157	9/6/2013 10:21	DOOR	WOOD	A	BEIGE	14F	1	4	NEG	0
158	9/6/2013 10:21	DOOR CASING	WOOD	A	BEIGE	14F	1	4	NEG	0
159	9/6/2013 10:21	DOOR JAMB	WOOD	A	BEIGE	14F	1	4	NEG	0
160	9/6/2013 10:22	WALL	DRYWALL	A	WHITE	14F	1	5	NEG	0.03
161	9/6/2013 10:22	WALL	DRYWALL	B	WHITE	14F	1	5	NEG	0
162	9/6/2013 10:22	WALL	DRYWALL	C	WHITE	14F	1	5	NEG	0
163	9/6/2013 10:22	WALL	DRYWALL	D	WHITE	14F	1	5	NEG	0
164	9/6/2013 10:23	WINDOW STOOL	WOOD	B	WHITE	14F	1	5	NEG	0
165	9/6/2013 10:23	CLOSET DOOR	WOOD	D	CLEAR	14F	1	5	NEG	0
166	9/6/2013 10:24	CLOSET SHELF	WOOD	D	WHITE	14F	1	5	NEG	0
167	9/6/2013 10:24	DOOR	WOOD	D	BEIGE	14F	1	5	NEG	0
168	9/6/2013 10:24	DOOR CASING	WOOD	D	BEIGE	14F	1	5	NEG	0
169	9/6/2013 10:24	DOOR JAMB	WOOD	D	BEIGE	14F	1	5	NEG	0.01
170	9/6/2013 10:25	WALL	DRYWALL	A	WHITE	14F	1	6	NEG	0
171	9/6/2013 10:25	WALL	DRYWALL	B	WHITE	14F	1	6	NEG	0
172	9/6/2013 10:25	WALL	DRYWALL	C	WHITE	14F	1	6	NEG	0
173	9/6/2013 10:25	WALL	DRYWALL	D	WHITE	14F	1	6	NEG	0
174	9/6/2013 10:25	CEILING	DRYWALL	D	WHITE	14F	1	6	NEG	0
175	9/6/2013 10:26	DOOR	WOOD	C	BEIGE	14F	1	6	NEG	0
176	9/6/2013 10:26	DOOR CASING	WOOD	C	BEIGE	14F	1	6	NEG	0
177	9/6/2013 10:26	DOOR JAMB	WOOD	C	BEIGE	14F	1	6	NEG	0
178	9/6/2013 10:29	WALL	DRYWALL	A	WHITE	16A	1	1	NEG	0
179	9/6/2013 10:29	WALL	DRYWALL	B	WHITE	16A	1	1	NEG	0.03
180	9/6/2013 10:29	WALL	DRYWALL	C	WHITE	16A	1	1	NEG	0
181	9/6/2013 10:29	WALL	DRYWALL	D	WHITE	16A	1	1	NEG	0
182	9/6/2013 10:30	CEILING	DRYWALL	D	WHITE	16A	1	1	NEG	0
183	9/6/2013 10:30	WINDOW STOOL	WOOD	A	WHITE	16A	1	1	NEG	0
184	9/6/2013 10:30	CABINET	WOOD	C	CLEAR	16A	1	1	NEG	0
185	9/6/2013 10:31	DOOR	WOOD	A	CLEAR	16A	1	1	NEG	0
186	9/6/2013 10:31	DOOR CASING	WOOD	A	CLEAR	16A	1	1	NEG	0
187	9/6/2013 10:31	DOOR JAMB	WOOD	A	CLEAR	16A	1	1	NEG	0
188	9/6/2013 10:32	WALL	DRYWALL	A	WHITE	16A	1	2	NEG	0.01

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
189	9/6/2013 10:32	WALL	DRYWALL	B	WHITE	16A	1	2	NEG	0
190	9/6/2013 10:32	WALL	DRYWALL	C	WHITE	16A	1	2	NEG	0
191	9/6/2013 10:32	WALL	DRYWALL	D	WHITE	16A	1	2	NEG	0
192	9/6/2013 10:33	WINDOW STOOL	WOOD	A	WHITE	16A	1	2	NEG	0.01
193	9/6/2013 10:33	CLOSET DOOR	WOOD	D	CLEAR	16A	1	2	NEG	0
194	9/6/2013 10:33	CLOSET SHELF	WOOD	D	WHITE	16A	1	2	NEG	0.01
195	9/6/2013 10:34	WALL	DRYWALL	A	WHITE	16A	1	3	NEG	0
196	9/6/2013 10:34	WALL	DRYWALL	B	WHITE	16A	1	3	NEG	0
197	9/6/2013 10:34	WALL	DRYWALL	C	WHITE	16A	1	3	NEG	0
198	9/6/2013 10:35	WALL	DRYWALL	D	WHITE	16A	1	3	NEG	0
199	9/6/2013 10:35	WINDOW STOOL	WOOD	B	WHITE	16A	1	3	NEG	0
200	9/6/2013 10:35	CLOSET DOOR	WOOD	D	CLEAR	16A	1	3	NEG	0
201	9/6/2013 10:36	CLOSET SHELF	WOOD	D	WHITE	16A	1	3	NEG	0
202	9/6/2013 10:36	DOOR	WOOD	A	CLEAR	16A	1	3	NEG	0
203	9/6/2013 10:36	DOOR CASING	WOOD	A	CLEAR	16A	1	3	NEG	0
204	9/6/2013 10:36	DOOR JAMB	WOOD	A	CLEAR	16A	1	3	NEG	0
205	9/6/2013 10:37	WALL	DRYWALL	A	WHITE	16A	1	4	NEG	0
206	9/6/2013 10:37	WALL	DRYWALL	B	WHITE	16A	1	4	NEG	0
207	9/6/2013 10:37	WALL	DRYWALL	C	WHITE	16A	1	4	NEG	0
208	9/6/2013 10:37	WALL	DRYWALL	D	WHITE	16A	1	4	NEG	0
209	9/6/2013 10:38	CLOSET DOOR	WOOD	A	CLEAR	16A	1	4	NEG	0
210	9/6/2013 10:38	CLOSET SHELF	WOOD	A	WHITE	16A	1	4	NEG	0
211	9/6/2013 10:38	WINDOW STOOL	WOOD	C	WHITE	16A	1	4	NEG	0.01
212	9/6/2013 10:38	DOOR	WOOD	B	CLEAR	16A	1	4	NEG	0
213	9/6/2013 10:39	DOOR CASING	WOOD	B	CLEAR	16A	1	4	NEG	0
214	9/6/2013 10:39	DOOR JAMB	WOOD	B	CLEAR	16A	1	4	NEG	0
215	9/6/2013 10:39	WALL	DRYWALL	A	WHITE	16A	1	5	NEG	0
216	9/6/2013 10:39	WALL	DRYWALL	B	WHITE	16A	1	5	NEG	0
217	9/6/2013 10:40	WALL	DRYWALL	C	WHITE	16A	1	5	NEG	0
218	9/6/2013 10:40	WALL	DRYWALL	D	WHITE	16A	1	5	NEG	0
219	9/6/2013 10:40	CEILING	DRYWALL	D	WHITE	16A	1	5	NEG	0.01
220	9/6/2013 10:41	CABINET	WOOD	A	CLEAR	16A	1	5	NEG	0
221	9/6/2013 10:41	DOOR	WOOD	B	CLEAR	16A	1	5	NEG	0
222	9/6/2013 10:41	DOOR CASING	WOOD	B	CLEAR	16A	1	5	NEG	0
223	9/6/2013 10:41	DOOR JAMB	WOOD	B	CLEAR	16A	1	5	NEG	0
224	9/6/2013 10:43	WALL	DRYWALL	A	WHITE	16B	1	1	NEG	0
225	9/6/2013 10:43	WALL	DRYWALL	B	WHITE	16B	1	1	NEG	0
226	9/6/2013 10:44	WALL	DRYWALL	C	WHITE	16B	1	1	NEG	0
227	9/6/2013 10:44	WALL	DRYWALL	D	WHITE	16B	1	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
228	9/6/2013 10:44	CEILING	DRYWALL	D	WHITE	16B	1	1	NEG	0
229	9/6/2013 10:45	DOOR	WOOD	A	CLEAR	16B	1	1	NEG	0
230	9/6/2013 10:45	DOOR CASING	WOOD	A	CLEAR	16B	1	1	NEG	0
231	9/6/2013 10:45	DOOR JAMB	WOOD	A	CLEAR	16B	1	1	NEG	0.01
232	9/6/2013 10:45	WINDOW STOOL	WOOD	A	WHITE	16B	1	1	NEG	0
233	9/6/2013 10:46	CABINET	WOOD	A	CLEAR	16B	1	1	NEG	0
234	9/6/2013 10:46	CLOSET DOOR	WOOD	C	CLEAR	16B	1	1	NEG	0
235	9/6/2013 10:46	CLOSET SHELF	WOOD	C	WHITE	16B	1	1	NEG	0
236	9/6/2013 10:46	CLOSET DOOR	WOOD	C	CLEAR	16B	1	1	NEG	0
237	9/6/2013 10:47	CLOSET SHELF	WOOD	C	WHITE	16B	1	1	NEG	0
238	9/6/2013 10:47	WALL	DRYWALL	A	WHITE	16B	1	2	NEG	0
239	9/6/2013 10:47	WALL	DRYWALL	B	WHITE	16B	1	2	NEG	0
240	9/6/2013 10:48	WALL	DRYWALL	C	WHITE	16B	1	2	NEG	0
241	9/6/2013 10:48	WALL	DRYWALL	D	WHITE	16B	1	2	NEG	0
242	9/6/2013 10:49	WALL	DRYWALL	A	WHITE	16B	1	3	NEG	0
243	9/6/2013 10:49	WALL	DRYWALL	B	WHITE	16B	1	3	NEG	0
244	9/6/2013 10:49	WALL	DRYWALL	C	WHITE	16B	1	3	NEG	0
245	9/6/2013 10:49	WALL	DRYWALL	D	WHITE	16B	1	3	NEG	0.01
246	9/6/2013 10:50	CLOSET DOOR	WOOD	B	CLEAR	16B	1	3	NEG	0
247	9/6/2013 10:50	CLOSET SHELF	WOOD	B	WHITE	16B	1	3	NEG	0
248	9/6/2013 10:50	WINDOW STOOL	WOOD	C	WHITE	16B	1	3	NEG	0
249	9/6/2013 10:51	DOOR	WOOD	A	CLEAR	16B	1	3	NEG	0
250	9/6/2013 10:51	DOOR CASING	WOOD	A	CLEAR	16B	1	3	NEG	0
251	9/6/2013 10:51	DOOR JAMB	WOOD	A	CLEAR	16B	1	3	NEG	0
252	9/6/2013 10:51	WALL	DRYWALL	A	WHITE	16B	1	4	NEG	0
253	9/6/2013 10:52	WALL	DRYWALL	B	WHITE	16B	1	4	NEG	0
254	9/6/2013 10:52	WALL	DRYWALL	C	WHITE	16B	1	4	NEG	0
255	9/6/2013 10:52	WALL	DRYWALL	D	WHITE	16B	1	4	NEG	0
256	9/6/2013 10:52	WINDOW STOOL	WOOD	B	WHITE	16B	1	4	NEG	0
257	9/6/2013 10:53	CLOSET DOOR	WOOD	D	CLEAR	16B	1	4	NEG	0
258	9/6/2013 10:53	CLOSET SHELF	WOOD	D	WHITE	16B	1	4	NEG	0
259	9/6/2013 10:53	DOOR	WOOD	A	CLEAR	16B	1	4	NEG	0
260	9/6/2013 10:53	DOOR CASING	WOOD	A	CLEAR	16B	1	4	NEG	0
261	9/6/2013 10:54	DOOR JAMB	WOOD	A	CLEAR	16B	1	4	NEG	0.01
262	9/6/2013 10:54	WALL	DRYWALL	A	WHITE	16B	1	5	NEG	0
263	9/6/2013 10:54	WALL	DRYWALL	B	WHITE	16B	1	5	NEG	0
264	9/6/2013 10:55	WALL	DRYWALL	C	WHITE	16B	1	5	NEG	0
265	9/6/2013 10:55	WALL	DRYWALL	D	WHITE	16B	1	5	NEG	0
266	9/6/2013 10:55	WINDOW STOOL	WOOD	B	WHITE	16B	1	5	NEG	0.01

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
267	9/6/2013 10:55	CLOSET DOOR	WOOD	D	CLEAR	16B	1	5	NEG	0
268	9/6/2013 10:56	CLOSET SHELF	WOOD	D	WHITE	16B	1	5	NEG	0.01
269	9/6/2013 10:56	DOOR	WOOD	D	CLEAR	16B	1	5	NEG	0
270	9/6/2013 10:56	DOOR CASING	WOOD	D	CLEAR	16B	1	5	NEG	0
271	9/6/2013 10:56	DOOR JAMB	WOOD	D	CLEAR	16B	1	5	NEG	0.01
272	9/6/2013 10:57	WALL	DRYWALL	A	WHITE	16B	1	6	NEG	0
273	9/6/2013 10:57	WALL	DRYWALL	B	WHITE	16B	1	6	NEG	0
274	9/6/2013 10:57	WALL	DRYWALL	C	WHITE	16B	1	6	NEG	0
275	9/6/2013 10:57	WALL	DRYWALL	D	WHITE	16B	1	6	NEG	0
276	9/6/2013 10:58	CEILING	DRYWALL	D	WHITE	16B	1	6	NEG	0.01
277	9/6/2013 10:58	CABINET	WOOD	D	CLEAR	16B	1	6	NEG	0.04
278	9/6/2013 10:58	DOOR	WOOD	C	CLEAR	16B	1	6	NEG	0
279	9/6/2013 10:58	DOOR CASING	WOOD	C	CLEAR	16B	1	6	NEG	0
280	9/6/2013 10:59	DOOR JAMB	WOOD	C	CLEAR	16B	1	6	NEG	0
281	9/6/2013 11:05	WALL	DRYWALL	A	WHITE	17B	1	1	NEG	0
282	9/6/2013 11:06	WALL	DRYWALL	B	WHITE	17B	1	1	NEG	0
283	9/6/2013 11:06	WALL	DRYWALL	C	WHITE	17B	1	1	NEG	0
284	9/6/2013 11:06	WALL	DRYWALL	D	WHITE	17B	1	1	NEG	0.01
285	9/6/2013 11:07	CEILING	DRYWALL	D	WHITE	17B	1	1	NEG	0.01
286	9/6/2013 11:07	WINDOW STOOL	WOOD	A	WHITE	17B	1	1	NEG	0.01
287	9/6/2013 11:07	CABINET	WOOD	B	CLEAR	17B	1	1	NEG	0
288	9/6/2013 11:08	WALL	DRYWALL	A	WHITE	17B	1	2	NEG	0
289	9/6/2013 11:08	WALL	DRYWALL	B	WHITE	17B	1	2	NEG	0
290	9/6/2013 11:08	WALL	DRYWALL	C	WHITE	17B	1	2	NEG	0
291	9/6/2013 11:09	WALL	DRYWALL	D	WHITE	17B	1	2	NEG	0
292	9/6/2013 11:09	DOOR	WOOD	A	CLEAR	17B	1	2	NEG	0
293	9/6/2013 11:10	DOOR CASING	WOOD	A	CLEAR	17B	1	2	NEG	0
294	9/6/2013 11:10	DOOR JAMB	WOOD	A	CLEAR	17B	1	2	NEG	0
295	9/6/2013 11:10	WINDOW STOOL	WOOD	C	WHITE	17B	1	2	NEG	0
296	9/6/2013 11:11	CLOSET DOOR	WOOD	D	CLEAR	17B	1	2	NEG	0
297	9/6/2013 11:11	CLOSET CASING	WOOD	D	CLEAR	17B	1	2	NEG	0
298	9/6/2013 11:11	CLOSET JAMB	WOOD	D	CLEAR	17B	1	2	NEG	0
299	9/6/2013 11:11	CLOSET DOOR	WOOD	C	CLEAR	17B	1	2	NEG	0
300	9/6/2013 11:12	CLOSET SHELF	WOOD	C	WHITE	17B	1	2	NEG	0
301	9/6/2013 11:12	WALL	DRYWALL	A	WHITE	17B	1	3	NEG	0
302	9/6/2013 11:13	WALL	DRYWALL	B	WHITE	17B	1	3	NEG	0.01
303	9/6/2013 11:13	WALL	DRYWALL	C	WHITE	17B	1	3	NEG	0
304	9/6/2013 11:13	WALL	DRYWALL	D	WHITE	17B	1	3	NEG	0.01
305	9/6/2013 11:13	CEILING	DRYWALL	D	WHITE	17B	1	3	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
306	9/6/2013 11:14	WINDOW STOOL	WOOD	A	WHITE	17B	1	3	NEG	0
307	9/6/2013 11:14	CABINET	WOOD	D	CLEAR	17B	1	3	NEG	0
308	9/6/2013 11:14	DOOR	WOOD	B	CLEAR	17B	1	3	NEG	0
309	9/6/2013 11:14	DOOR CASING	WOOD	B	CLEAR	17B	1	3	NEG	0.01
310	9/6/2013 11:15	DOOR JAMB	WOOD	B	CLEAR	17B	1	3	NEG	0
311	9/6/2013 11:15	STAIR RAIL	WOOD	C	CLEAR	17B	1	STAIR	NEG	0
312	9/6/2013 11:16	STAIR STRINGER	WOOD	C	CLEAR	17B	1	STAIR	NEG	0.01
313	9/6/2013 11:18	WALL	DRYWALL	A	WHITE	17B	1	4	NEG	0
314	9/6/2013 11:18	WALL	DRYWALL	B	WHITE	17B	1	4	NEG	0
315	9/6/2013 11:18	WALL	DRYWALL	C	WHITE	17B	1	4	NEG	0
316	9/6/2013 11:19	WALL	DRYWALL	D	WHITE	17B	1	4	NEG	0.02
317	9/6/2013 11:19	WINDOW STOOL	WOOD	A	WHITE	17B	1	4	NEG	0.01
318	9/6/2013 11:19	CLOSET DOOR	WOOD	B	CLEAR	17B	1	4	NEG	0
319	9/6/2013 11:20	CLOSET SHELF	WOOD	B	WHITE	17B	1	4	NEG	0
320	9/6/2013 11:20	DOOR	WOOD	B	CLEAR	17B	1	4	NEG	0
321	9/6/2013 11:20	DOOR CASING	WOOD	B	CLEAR	17B	1	4	NEG	0.01
322	9/6/2013 11:20	DOOR JAMB	WOOD	B	CLEAR	17B	1	4	NEG	0
323	9/6/2013 11:21	WALL	DRYWALL	A	WHITE	17B	1	5	NEG	0
324	9/6/2013 11:21	WALL	DRYWALL	B	WHITE	17B	1	5	NEG	0
325	9/6/2013 11:22	WALL	DRYWALL	C	WHITE	17B	1	5	NEG	0
326	9/6/2013 11:22	WALL	DRYWALL	D	WHITE	17B	1	5	NEG	0
327	9/6/2013 11:22	WINDOW STOOL	WOOD	A	WHITE	17B	1	5	NEG	0
328	9/6/2013 11:22	CLOSET DOOR	WOOD	C	CLEAR	17B	1	5	NEG	0.04
329	9/6/2013 11:23	CLOSET SHELF	WOOD	C	WHITE	17B	1	5	NEG	0
330	9/6/2013 11:23	DOOR	WOOD	D	CLEAR	17B	1	5	NEG	0
331	9/6/2013 11:23	DOOR CASING	WOOD	D	CLEAR	17B	1	5	NEG	0.01
332	9/6/2013 11:23	DOOR JAMB	WOOD	D	CLEAR	17B	1	5	NEG	0.01
333	9/6/2013 11:24	WALL	DRYWALL	A	WHITE	17B	1	6	NEG	0
334	9/6/2013 11:24	WALL	DRYWALL	B	WHITE	17B	1	6	NEG	0
335	9/6/2013 11:24	WALL	DRYWALL	C	WHITE	17B	1	6	NEG	0
336	9/6/2013 11:24	WALL	DRYWALL	D	WHITE	17B	1	6	NEG	0
337	9/6/2013 11:24	CEILING	DRYWALL	D	WHITE	17B	1	6	NEG	0.02
338	9/6/2013 11:25	CABINET	WOOD	B	CLEAR	17B	1	6	NEG	0
339	9/6/2013 11:25	DOOR	WOOD	D	CLEAR	17B	1	6	NEG	0
340	9/6/2013 11:25	DOOR CASING	WOOD	D	CLEAR	17B	1	6	NEG	0
341	9/6/2013 11:25	DOOR JAMB	WOOD	D	CLEAR	17B	1	6	NEG	0
342	9/6/2013 11:26	WALL	DRYWALL	A	WHITE	17B	1	7	NEG	0
343	9/6/2013 11:26	WALL	DRYWALL	B	WHITE	17B	1	7	NEG	0.01
344	9/6/2013 11:27	WALL	DRYWALL	C	WHITE	17B	1	7	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
345	9/6/2013 11:27	WALL	DRYWALL	D	WHITE	17B	1	7	NEG	0.01
346	9/6/2013 11:27	WINDOW STOOL	WOOD	C	WHITE	17B	1	7	NEG	0
347	9/6/2013 11:28	CLOSET DOOR	WOOD	D	CLEAR	17B	1	7	NEG	0
348	9/6/2013 11:28	CLOSET SHELF	WOOD	D	WHITE	17B	1	7	NEG	0
349	9/6/2013 11:28	DOOR	WOOD	D	CLEAR	17B	1	7	NEG	0
350	9/6/2013 11:29	DOOR CASING	WOOD	D	CLEAR	17B	1	7	NEG	0
351	9/6/2013 11:29	DOOR JAMB	WOOD	D	CLEAR	17B	1	7	NEG	0
352	9/6/2013 11:29	WALL	DRYWALL	A	WHITE	17B	1	8	NEG	0
353	9/6/2013 11:29	WALL	DRYWALL	B	WHITE	17B	1	8	NEG	0
354	9/6/2013 11:30	WALL	DRYWALL	C	WHITE	17B	1	8	NEG	0
355	9/6/2013 11:30	WALL	DRYWALL	D	WHITE	17B	1	8	NEG	0
356	9/6/2013 11:30	CLOSET DOOR	WOOD	A	CLEAR	17B	1	8	NEG	0
357	9/6/2013 11:31	CLOSET SHELF	WOOD	A	WHITE	17B	1	8	NEG	0
358	9/6/2013 11:31	WINDOW STOOL	WOOD	C	WHITE	17B	1	8	NEG	0
359	9/6/2013 11:31	DOOR	WOOD	B	CLEAR	17B	1	8	NEG	0
360	9/6/2013 11:32	DOOR CASING	WOOD	B	CLEAR	17B	1	8	NEG	0
361	9/6/2013 11:32	DOOR JAMB	WOOD	B	CLEAR	17B	1	8	NEG	0
362	9/6/2013 11:32	CLOSET DOOR	WOOD	A	CLEAR	17B	1	HALL	NEG	0
363	9/6/2013 11:32	CLOSET CASING	WOOD	A	CLEAR	17B	1	HALL	NEG	0
364	9/6/2013 11:33	CLOSET JAMB	WOOD	A	CLEAR	17B	1	HALL	NEG	0
365	9/6/2013 11:33	CABINET	WOOD	A	CLEAR	17B	1	HALL	NEG	0
366	9/6/2013 11:37	WALL	DRYWALL	A	WHITE	18C	1	1	NEG	0
367	9/6/2013 11:37	WALL	DRYWALL	B	WHITE	18C	1	1	NEG	0
368	9/6/2013 11:37	WALL	DRYWALL	C	WHITE	18C	1	1	NEG	0
369	9/6/2013 11:37	WALL	DRYWALL	D	WHITE	18C	1	1	NEG	0
370	9/6/2013 11:38	CEILING	DRYWALL	D	WHITE	18C	1	1	NEG	0
371	9/6/2013 11:38	CABINET	WOOD	A	CLEAR	18C	1	1	NEG	0
372	9/6/2013 11:38	WINDOW STOOL	WOOD	A	WHITE	18C	1	1	NEG	0
373	9/6/2013 11:39	DOOR	WOOD	A	WHITE	18C	1	1	NEG	0
374	9/6/2013 11:39	DOOR CASING	WOOD	A	WHITE	18C	1	1	NEG	0
375	9/6/2013 11:39	DOOR JAMB	WOOD	A	WHITE	18C	1	1	NEG	0
376	9/6/2013 11:39	CLOSET DOOR	WOOD	C	CLEAR	18C	1	1	NEG	0
377	9/6/2013 11:40	CLOSET SHELF	WOOD	C	WHITE	18C	1	1	NEG	0
378	9/6/2013 11:40	CLOSET DOOR	WOOD	C	CLEAR	18C	1	1	NEG	0
379	9/6/2013 11:40	CLOSET SHELF	WOOD	C	WHITE	18C	1	1	NEG	0
380	9/6/2013 11:41	WALL	DRYWALL	A	WHITE	18C	1	2	NEG	0
381	9/6/2013 11:41	WALL	DRYWALL	B	WHITE	18C	1	2	NEG	0
382	9/6/2013 11:41	WALL	DRYWALL	C	WHITE	18C	1	2	NEG	0
383	9/6/2013 11:42	WALL	DRYWALL	D	WHITE	18C	1	2	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
384	9/6/2013 11:42	WALL	DRYWALL	A	WHITE	18C	1	3	NEG	0
385	9/6/2013 11:42	WALL	DRYWALL	B	WHITE	18C	1	3	NEG	0
386	9/6/2013 11:43	WALL	DRYWALL	C	WHITE	18C	1	3	NEG	0
387	9/6/2013 11:43	WALL	DRYWALL	D	WHITE	18C	1	3	NEG	0
388	9/6/2013 11:43	WINDOW STOOL	WOOD	C	WHITE	18C	1	3	NEG	0
389	9/6/2013 11:44	CLOSET DOOR	WOOD	D	CLEAR	18C	1	3	NEG	0
390	9/6/2013 11:44	CLOSET SHELF	WOOD	D	WHITE	18C	1	3	NEG	0
391	9/6/2013 11:44	DOOR	WOOD	A	CLEAR	18C	1	3	NEG	0.01
392	9/6/2013 11:44	DOOR CASING	WOOD	A	CLEAR	18C	1	3	NEG	0
393	9/6/2013 11:44	DOOR JAMB	WOOD	A	CLEAR	18C	1	3	NEG	0
394	9/6/2013 11:45	WALL	DRYWALL	A	WHITE	18C	1	4	NEG	0
395	9/6/2013 11:45	WALL	DRYWALL	B	WHITE	18C	1	4	NEG	0
396	9/6/2013 11:46	WALL	DRYWALL	C	WHITE	18C	1	4	NEG	0
397	9/6/2013 11:46	WALL	DRYWALL	D	WHITE	18C	1	4	NEG	0
398	9/6/2013 11:46	CLOSET DOOR	WOOD	B	CLEAR	18C	1	4	NEG	0.03
399	9/6/2013 11:46	CLOSET SHELF	WOOD	B	WHITE	18C	1	4	NEG	0
400	9/6/2013 11:47	WINDOW STOOL	WOOD	D	WHITE	18C	1	4	NEG	0
401	9/6/2013 11:47	DOOR	WOOD	A	CLEAR	18C	1	4	NEG	0
402	9/6/2013 11:47	DOOR CASING	WOOD	A	CLEAR	18C	1	4	NEG	0
403	9/6/2013 11:47	DOOR JAMB	WOOD	A	CLEAR	18C	1	4	NEG	0
404	9/6/2013 11:48	WALL	DRYWALL	A	WHITE	18C	1	5	NEG	0
405	9/6/2013 11:49	WALL	DRYWALL	B	WHITE	18C	1	5	NEG	0
406	9/6/2013 11:49	WALL	DRYWALL	C	WHITE	18C	1	5	NEG	0
407	9/6/2013 11:49	WALL	DRYWALL	D	WHITE	18C	1	5	NEG	0
408	9/6/2013 11:49	CLOSET DOOR	WOOD	B	CLEAR	18C	1	5	NEG	0.01
409	9/6/2013 11:50	CLOSET SHELF	WOOD	B	WHITE	18C	1	5	NEG	0
410	9/6/2013 11:50	WINDOW STOOL	WOOD	D	WHITE	18C	1	5	NEG	0
411	9/6/2013 11:50	DOOR	WOOD	B	CLEAR	18C	1	5	NEG	0
412	9/6/2013 11:51	DOOR CASING	WOOD	B	CLEAR	18C	1	5	NEG	0.01
413	9/6/2013 11:51	DOOR JAMB	WOOD	B	CLEAR	18C	1	5	NEG	0.01
414	9/6/2013 11:51	WALL	DRYWALL	A	WHITE	18C	1	6	NEG	0
415	9/6/2013 11:51	WALL	DRYWALL	B	WHITE	18C	1	6	NEG	0
416	9/6/2013 11:52	WALL	DRYWALL	C	WHITE	18C	1	6	NEG	0
417	9/6/2013 11:52	WALL	DRYWALL	D	WHITE	18C	1	6	NEG	0
418	9/6/2013 11:52	CEILING	DRYWALL	D	WHITE	18C	1	6	NEG	0
419	9/6/2013 11:52	CABINET	WOOD	B	CLEAR	18C	1	6	NEG	0
420	9/6/2013 11:53	DOOR	WOOD	C	CLEAR	18C	1	6	NEG	0
421	9/6/2013 11:53	DOOR CASING	WOOD	C	CLEAR	18C	1	6	NEG	0.01
422	9/6/2013 11:53	DOOR JAMB	WOOD	C	CLEAR	18C	1	6	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
423	9/6/2013 12:58								POS	1.1
424	9/6/2013 12:59								POS	1.1
425	9/6/2013 12:59								POS	1.1
426	9/6/2013 13:07	WALL	DRYWALL	A	WHITE	19C	1	1	NEG	0
427	9/6/2013 13:07	WALL	DRYWALL	B	WHITE	19C	1	1	NEG	0
428	9/6/2013 13:07	WALL	DRYWALL	C	WHITE	19C	1	1	NEG	0
429	9/6/2013 13:07	WALL	DRYWALL	D	WHITE	19C	1	1	NEG	0
430	9/6/2013 13:07	CEILING	DRYWALL	D	WHITE	19C	1	1	NEG	0
431	9/6/2013 13:08	WINDOW STOOL	WOOD	A	WHITE	19C	1	1	NEG	0
432	9/6/2013 13:08	CABINET	WOOD	B	CLEAR	19C	1	1	NEG	0
433	9/6/2013 13:09	WALL	DRYWALL	A	WHITE	19C	1	2	NEG	0
434	9/6/2013 13:09	WALL	DRYWALL	B	WHITE	19C	1	2	NEG	0
435	9/6/2013 13:09	WALL	DRYWALL	C	WHITE	19C	1	2	NEG	0
436	9/6/2013 13:09	WALL	DRYWALL	D	WHITE	19C	1	2	NEG	0
437	9/6/2013 13:10	DOOR	WOOD	A	WHITE	19C	1	2	NEG	0
438	9/6/2013 13:10	DOOR CASING	WOOD	A	WHITE	19C	1	2	NEG	0
439	9/6/2013 13:10	DOOR JAMB	WOOD	A	WHITE	19C	1	2	NEG	0
440	9/6/2013 13:11	CLOSET DOOR	WOOD	B	CLEAR	19C	1	2	NEG	0.01
441	9/6/2013 13:11	CLOSET CASING	WOOD	B	CLEAR	19C	1	2	NEG	0.01
442	9/6/2013 13:11	CLOSET JAMB	WOOD	B	CLEAR	19C	1	2	NEG	0
443	9/6/2013 13:12	WINDOW STOOL	WOOD	C	WHITE	19C	1	2	NEG	0
444	9/6/2013 13:12	CLOSET DOOR	WOOD	C	CLEAR	19C	1	2	NEG	0
445	9/6/2013 13:13	CLOSET SHELF	WOOD	C	WHITE	19C	1	2	NEG	0
446	9/6/2013 13:13	WALL	DRYWALL	A	WHITE	19C	1	3	NEG	0
447	9/6/2013 13:13	WALL	DRYWALL	B	WHITE	19C	1	3	NEG	0.01
448	9/6/2013 13:14	WALL	DRYWALL	C	WHITE	19C	1	3	NEG	0
449	9/6/2013 13:14	WALL	DRYWALL	D	WHITE	19C	1	3	NEG	0.08
450	9/6/2013 13:14	CEILING	DRYWALL	D	WHITE	19C	1	3	NEG	0.02
451	9/6/2013 13:14	WINDOW STOOL	WOOD	A	WHITE	19C	1	3	NEG	0
452	9/6/2013 13:14	CABINET	WOOD	B	CLEAR	19C	1	3	NEG	0
453	9/6/2013 13:15	DOOR	WOOD	D	CLEAR	19C	1	3	NEG	0
454	9/6/2013 13:15	DOOR CASING	WOOD	D	CLEAR	19C	1	3	NEG	0.05
455	9/6/2013 13:15	DOOR JAMB	WOOD	D	CLEAR	19C	1	3	NEG	0
456	9/6/2013 13:16	STAIR RAIL	WOOD	C	CLEAR	19C	1	3	NEG	0
457	9/6/2013 13:16	STAIR STRINGER	WOOD	C	CLEAR	19C	1	STAIR	NEG	0
458	9/6/2013 13:17	WALL	DRYWALL	A	WHITE	19C	1	STAIR	NEG	0
459	9/6/2013 13:17	WALL	DRYWALL	B	WHITE	19C	1	STAIR	NEG	0
460	9/6/2013 13:17	WALL	DRYWALL	C	WHITE	19C	1	STAIR	NEG	0.01
461	9/6/2013 13:18	WALL	DRYWALL	D	WHITE	19C	1	STAIR	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
462	9/6/2013 13:18	CEILING	DRYWALL	D	WHITE	19C	1	STAIR	NEG	0
463	9/6/2013 13:18	WINDOW STOOL	WOOD	A	WHITE	19C	1	STAIR	NEG	0
464	9/6/2013 13:18	CLOSET DOOR	WOOD	D	CLEAR	19C	1	STAIR	NEG	0.01
465	9/6/2013 13:19	CLOSET SHELF	WOOD	D	WHITE	19C	1	STAIR	NEG	0
466	9/6/2013 13:19	DOOR	WOOD	D	CLEAR	19C	1	STAIR	NEG	0
467	9/6/2013 13:19	DOOR CASING	WOOD	D	CLEAR	19C	1	STAIR	NEG	0.02
468	9/6/2013 13:19	DOOR JAMB	WOOD	D	CLEAR	19C	1	STAIR	NEG	0
469	9/6/2013 13:20	WALL	DRYWALL	A	WHITE	19C	1	5	NEG	0.03
470	9/6/2013 13:20	WALL	DRYWALL	B	WHITE	19C	1	5	NEG	0
471	9/6/2013 13:20	WALL	DRYWALL	C	WHITE	19C	1	5	NEG	0.01
472	9/6/2013 13:21	WALL	DRYWALL	D	WHITE	19C	1	5	NEG	0.01
473	9/6/2013 13:21	CEILING	DRYWALL	D	WHITE	19C	1	5	NEG	0
474	9/6/2013 13:21	WINDOW STOOL	WOOD	A	WHITE	19C	1	5	NEG	0
475	9/6/2013 13:22	CLOSET DOOR	WOOD	C	CLEAR	19C	1	5	NEG	0
476	9/6/2013 13:22	CLOSET SHELF	WOOD	C	WHITE	19C	1	5	NEG	0
477	9/6/2013 13:22	DOOR	WOOD	B	CLEAR	19C	1	5	NEG	0
478	9/6/2013 13:22	DOOR CASING	WOOD	B	CLEAR	19C	1	5	NEG	0
479	9/6/2013 13:22	DOOR JAMB	WOOD	B	CLEAR	19C	1	5	NEG	0.01
480	9/6/2013 13:23	WALL	DRYWALL	A	WHITE	19C	1	6	NEG	0.01
481	9/6/2013 13:23	WALL	DRYWALL	B	WHITE	19C	1	6	NEG	0
482	9/6/2013 13:24	WALL	DRYWALL	C	WHITE	19C	1	6	NEG	0
483	9/6/2013 13:24	WALL	DRYWALL	D	WHITE	19C	1	6	NEG	0.01
484	9/6/2013 13:24	CEILING	DRYWALL	D	WHITE	19C	1	6	NEG	0
485	9/6/2013 13:24	CABINET	WOOD	D	CLEAR	19C	1	6	NEG	0
486	9/6/2013 13:25	DOOR	WOOD	B	CLEAR	19C	1	6	NEG	0
487	9/6/2013 13:25	DOOR CASING	WOOD	B	CLEAR	19C	1	6	NEG	0
488	9/6/2013 13:25	DOOR JAMB	WOOD	B	CLEAR	19C	1	6	NEG	0
489	9/6/2013 13:27	WALL	DRYWALL	A	WHITE	19C	1	7	NEG	0
490	9/6/2013 13:27	WALL	DRYWALL	B	WHITE	19C	1	7	NEG	0.03
491	9/6/2013 13:27	WALL	DRYWALL	C	WHITE	19C	1	7	NEG	0
492	9/6/2013 13:27	WALL	DRYWALL	D	WHITE	19C	1	7	NEG	0
493	9/6/2013 13:28	CEILING	DRYWALL	D	WHITE	19C	1	7	NEG	0
494	9/6/2013 13:28	CLOSET DOOR	WOOD	B	CLEAR	19C	1	7	NEG	0
495	9/6/2013 13:28	CLOSET SHELF	WOOD	B	WHITE	19C	1	7	NEG	0.02
496	9/6/2013 13:28	WINDOW STOOL	WOOD	C	WHITE	19C	1	7	NEG	0
497	9/6/2013 13:29	DOOR	WOOD	B	CLEAR	19C	1	7	NEG	0
498	9/6/2013 13:29	DOOR CASING	WOOD	B	CLEAR	19C	1	7	NEG	0
499	9/6/2013 13:29	DOOR JAMB	WOOD	B	CLEAR	19C	1	7	NEG	0
500	9/6/2013 13:30	WALL	DRYWALL	A	WHITE	19C	1	8	NEG	0.04

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
501	9/6/2013 13:30	WALL	DRYWALL	B	WHITE	19C	1	8	NEG	0
502	9/6/2013 13:30	WALL	DRYWALL	C	WHITE	19C	1	8	NEG	0
503	9/6/2013 13:30	WALL	DRYWALL	D	WHITE	19C	1	8	NEG	0
504	9/6/2013 13:31	CEILING	DRYWALL	D	WHITE	19C	1	8	NEG	0
505	9/6/2013 13:31	CLOSET DOOR	WOOD	A	CLEAR	19C	1	8	NEG	0
506	9/6/2013 13:31	CLOSET SHELF	WOOD	A	WHITE	19C	1	8	NEG	0.01
507	9/6/2013 13:31	WINDOW STOOL	WOOD	C	WHITE	19C	1	8	NEG	0
508	9/6/2013 13:32	DOOR	WOOD	D	CLEAR	19C	1	8	NEG	0
509	9/6/2013 13:32	DOOR CASING	WOOD	D	CLEAR	19C	1	8	NEG	0
510	9/6/2013 13:32	DOOR JAMB	WOOD	D	CLEAR	19C	1	8	NEG	0
511	9/6/2013 13:32	CLOSET DOOR	WOOD	A	CLEAR	19C	1	HALL	NEG	0
512	9/6/2013 13:33	CLOSET CASING	WOOD	A	CLEAR	19C	1	HALL	NEG	0
513	9/6/2013 13:33	CLOSET JAMB	WOOD	A	CLEAR	19C	1	HALL	NEG	0
514	9/6/2013 13:33	CABINET	WOOD	A	CLEAR	19C	1	HALL	NEG	0
515	9/6/2013 13:36	WALL	DRYWALL	A	WHITE	20G	1	1	NEG	0
516	9/6/2013 13:36	WALL	DRYWALL	B	WHITE	20G	1	1	NEG	0
517	9/6/2013 13:36	WALL	DRYWALL	C	WHITE	20G	1	1	NEG	0
518	9/6/2013 13:37	WALL	DRYWALL	D	WHITE	20G	1	1	NEG	0
519	9/6/2013 13:37	CEILING	DRYWALL	D	WHITE	20G	1	1	NEG	0
520	9/6/2013 13:37	CABINET	WOOD	A	CLEAR	20G	1	1	NEG	0
521	9/6/2013 13:38	WINDOW STOOL	WOOD	A	WHITE	20G	1	1	NEG	0
522	9/6/2013 13:38	DOOR	WOOD	A	WHITE	20G	1	1	NEG	0
523	9/6/2013 13:38	DOOR CASING	WOOD	A	WHITE	20G	1	1	NEG	0
524	9/6/2013 13:38	DOOR JAMB	WOOD	A	WHITE	20G	1	1	NEG	0
525	9/6/2013 13:39	CLOSET DOOR	WOOD	C	CLEAR	20G	1	1	NEG	0
526	9/6/2013 13:39	CLOSET SHELF	WOOD	C	WHITE	20G	1	1	NEG	0
527	9/6/2013 13:39	CLOSET DOOR	WOOD	C	CLEAR	20G	1	1	NEG	0
528	9/6/2013 13:39	CLOSET SHELF	WOOD	C	WHITE	20G	1	1	NEG	0
529	9/6/2013 13:40	WALL	DRYWALL	A	WHITE	20G	1	2	NEG	0
530	9/6/2013 13:40	WALL	DRYWALL	B	WHITE	20G	1	2	NEG	0
531	9/6/2013 13:40	WALL	DRYWALL	C	WHITE	20G	1	2	NEG	0
532	9/6/2013 13:41	WALL	DRYWALL	D	WHITE	20G	1	2	NEG	0
533	9/6/2013 13:41	WALL	DRYWALL	A	WHITE	20G	1	3	NEG	0
534	9/6/2013 13:41	WALL	DRYWALL	B	WHITE	20G	1	3	NEG	0
535	9/6/2013 13:42	WALL	DRYWALL	C	WHITE	20G	1	3	NEG	0
536	9/6/2013 13:42	WALL	DRYWALL	D	WHITE	20G	1	3	NEG	0
537	9/6/2013 13:42	WINDOW STOOL	WOOD	C	WHITE	20G	1	3	NEG	0
538	9/6/2013 13:42	CLOSET DOOR	WOOD	D	CLEAR	20G	1	3	NEG	0
539	9/6/2013 13:43	CLOSET SHELF	WOOD	D	WHITE	20G	1	3	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
540	9/6/2013 13:43	DOOR	WOOD	A	CLEAR	20G	1	3	NEG	0
541	9/6/2013 13:43	DOOR CASING	WOOD	A	CLEAR	20G	1	3	NEG	0
542	9/6/2013 13:43	DOOR JAMB	WOOD	A	CLEAR	20G	1	3	NEG	0
543	9/6/2013 13:44	WALL	DRYWALL	A	WHITE	20G	1	4	NEG	0
544	9/6/2013 13:44	WALL	DRYWALL	B	WHITE	20G	1	4	NEG	0
545	9/6/2013 13:45	WALL	DRYWALL	C	WHITE	20G	1	4	NEG	0
546	9/6/2013 13:45	WALL	DRYWALL	D	WHITE	20G	1	4	NEG	0
547	9/6/2013 13:45	CLOSET DOOR	WOOD	B	CLEAR	20G	1	4	NEG	0
548	9/6/2013 13:45	CLOSET SHELF	WOOD	B	WHITE	20G	1	4	NEG	0
549	9/6/2013 13:46	WINDOW STOOL	WOOD	D	WHITE	20G	1	4	NEG	0.04
550	9/6/2013 13:46	DOOR	WOOD	A	CLEAR	20G	1	4	NEG	0
551	9/6/2013 13:46	DOOR CASING	WOOD	A	CLEAR	20G	1	4	NEG	0
552	9/6/2013 13:46	DOOR JAMB	WOOD	A	CLEAR	20G	1	4	NEG	0
553	9/6/2013 13:47	WALL	DRYWALL	A	WHITE	20G	1	5	NEG	0
554	9/6/2013 13:48	WALL	DRYWALL	B	WHITE	20G	1	5	NEG	0
555	9/6/2013 13:48	WALL	DRYWALL	C	WHITE	20G	1	5	NEG	0
556	9/6/2013 13:49	WALL	DRYWALL	D	WHITE	20G	1	5	NEG	0
557	9/6/2013 13:49	CLOSET DOOR	WOOD	B	CLEAR	20G	1	5	NEG	0
558	9/6/2013 13:50	CLOSET SHELF	WOOD	B	WHITE	20G	1	5	NEG	0
559	9/6/2013 13:50	WINDOW STOOL	WOOD	D	WHITE	20G	1	5	NEG	0
560	9/6/2013 13:50	DOOR	WOOD	B	CLEAR	20G	1	5	NEG	0
561	9/6/2013 13:50	DOOR CASING	WOOD	B	CLEAR	20G	1	5	NEG	0.02
562	9/6/2013 13:51	DOOR JAMB	WOOD	B	CLEAR	20G	1	5	NEG	0.01
563	9/6/2013 13:51	WALL	DRYWALL	A	WHITE	20G	1	6	NEG	0.02
564	9/6/2013 13:51	WALL	DRYWALL	B	WHITE	20G	1	6	NEG	0
565	9/6/2013 13:52	WALL	DRYWALL	C	WHITE	20G	1	6	NEG	0
566	9/6/2013 13:52	WALL	DRYWALL	D	WHITE	20G	1	6	NEG	0
567	9/6/2013 13:52	CEILING	DRYWALL	D	WHITE	20G	1	6	NEG	0
568	9/6/2013 13:52	CABINET	WOOD	B	CLEAR	20G	1	6	NEG	0
569	9/6/2013 13:53	DOOR	WOOD	C	CLEAR	20G	1	6	NEG	0
570	9/6/2013 13:53	DOOR CASING	WOOD	C	CLEAR	20G	1	6	NEG	0
571	9/6/2013 13:53	DOOR JAMB	WOOD	C	CLEAR	20G	1	6	NEG	0
572	9/6/2013 14:01	WALL	DRYWALL	A	WHITE	21C	1	1	NEG	0
573	9/6/2013 14:01	WALL	DRYWALL	B	WHITE	21C	1	1	NEG	0
574	9/6/2013 14:01	WALL	DRYWALL	C	WHITE	21C	1	1	NEG	0
575	9/6/2013 14:02	WALL	DRYWALL	D	WHITE	21C	1	1	NEG	0
576	9/6/2013 14:02	CEILING	DRYWALL	D	WHITE	21C	1	1	NEG	0
577	9/6/2013 14:02	CABINET	WOOD	A	CLEAR	21C	1	1	NEG	0
578	9/6/2013 14:02	WINDOW STOOL	WOOD	A	WHITE	21C	1	1	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
579	9/6/2013 14:03	DOOR	WOOD	A	CLEAR	21C	1	1	NEG	0
580	9/6/2013 14:03	DOOR CASING	WOOD	A	WHITE	21C	1	1	NEG	0
581	9/6/2013 14:03	DOOR JAMB	WOOD	A	RED	21C	1	1	NEG	0.01
582	9/6/2013 14:04	CLOSET DOOR	WOOD	C	CLEAR	21C	1	1	NEG	0.01
583	9/6/2013 14:04	CLOSET SHELF	WOOD	C	WHITE	21C	1	1	NEG	0
584	9/6/2013 14:04	CLOSET DOOR	WOOD	C	CLEAR	21C	1	1	NEG	0
585	9/6/2013 14:04	CLOSET SHELF	WOOD	C	WHITE	21C	1	1	NEG	0
586	9/6/2013 14:05	WALL	DRYWALL	A	WHITE	21C	1	2	NEG	0
587	9/6/2013 14:05	WALL	DRYWALL	B	WHITE	21C	1	2	NEG	0
588	9/6/2013 14:05	WALL	DRYWALL	C	WHITE	21C	1	2	NEG	0.01
589	9/6/2013 14:06	WALL	DRYWALL	D	WHITE	21C	1	2	NEG	0.02
590	9/6/2013 14:06	WALL	DRYWALL	A	WHITE	21C	1	3	NEG	0
591	9/6/2013 14:06	WALL	DRYWALL	B	WHITE	21C	1	3	NEG	0
592	9/6/2013 14:07	WALL	DRYWALL	C	WHITE	21C	1	3	NEG	0
593	9/6/2013 14:07	WALL	DRYWALL	D	WHITE	21C	1	3	NEG	0
594	9/6/2013 14:07	WINDOW STOOL	WOOD	C	WHITE	21C	1	3	NEG	0.01
595	9/6/2013 14:07	CLOSET DOOR	WOOD	D	CLEAR	21C	1	3	NEG	0
596	9/6/2013 14:08	CLOSET SHELF	WOOD	D	WHITE	21C	1	3	NEG	0
597	9/6/2013 14:08	DOOR	WOOD	A	CLEAR	21C	1	3	NEG	0
598	9/6/2013 14:08	DOOR CASING	WOOD	A	CLEAR	21C	1	3	NEG	0
599	9/6/2013 14:08	DOOR JAMB	WOOD	A	CLEAR	21C	1	3	NEG	0
600	9/6/2013 14:09	WALL	DRYWALL	A	WHITE	21C	1	4	NEG	0
601	9/6/2013 14:09	WALL	DRYWALL	B	WHITE	21C	1	4	NEG	0
602	9/6/2013 14:09	WALL	DRYWALL	C	WHITE	21C	1	4	NEG	0
603	9/6/2013 14:10	WALL	DRYWALL	D	WHITE	21C	1	4	NEG	0
604	9/6/2013 14:10	CLOSET DOOR	WOOD	B	CLEAR	21C	1	4	NEG	0
605	9/6/2013 14:10	CLOSET SHELF	WOOD	B	WHITE	21C	1	4	NEG	0
606	9/6/2013 14:10	WINDOW STOOL	WOOD	D	WHITE	21C	1	4	NEG	0
607	9/6/2013 14:11	DOOR	WOOD	A	CLEAR	21C	1	4	NEG	0
608	9/6/2013 14:11	DOOR CASING	WOOD	A	CLEAR	21C	1	4	NEG	0
609	9/6/2013 14:11	DOOR JAMB	WOOD	A	CLEAR	21C	1	4	NEG	0.01
610	9/6/2013 14:12	WALL	DRYWALL	A	WHITE	21C	1	5	NEG	0
611	9/6/2013 14:12	WALL	DRYWALL	B	WHITE	21C	1	5	NEG	0
612	9/6/2013 14:12	WALL	DRYWALL	C	WHITE	21C	1	5	NEG	0
613	9/6/2013 14:12	WALL	DRYWALL	D	WHITE	21C	1	5	NEG	0
614	9/6/2013 14:13	CLOSET DOOR	WOOD	B	CLEAR	21C	1	5	NEG	0.01
615	9/6/2013 14:13	CLOSET SHELF	WOOD	B	WHITE	21C	1	5	NEG	0.01
616	9/6/2013 14:13	WINDOW STOOL	WOOD	D	WHITE	21C	1	5	NEG	0
617	9/6/2013 14:14	DOOR	WOOD	B	CLEAR	21C	1	5	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
618	9/6/2013 14:14	DOOR CASING	WOOD	B	CLEAR	21C	1	5	NEG	0
619	9/6/2013 14:14	DOOR JAMB	WOOD	B	CLEAR	21C	1	5	NEG	0
620	9/6/2013 14:14	WALL	DRYWALL	A	WHITE	21C	1	6	NEG	0.01
621	9/6/2013 14:15	WALL	DRYWALL	B	WHITE	21C	1	6	NEG	0
622	9/6/2013 14:15	WALL	DRYWALL	C	WHITE	21C	1	6	NEG	0.01
623	9/6/2013 14:15	WALL	DRYWALL	D	WHITE	21C	1	6	NEG	0
624	9/6/2013 14:15	CEILING	DRYWALL	D	WHITE	21C	1	6	NEG	0
625	9/6/2013 14:16	CABINET	WOOD	B	CLEAR	21C	1	6	NEG	0
626	9/6/2013 14:16	DOOR	WOOD	C	CLEAR	21C	1	6	NEG	0
627	9/6/2013 14:16	DOOR CASING	WOOD	C	CLEAR	21C	1	6	NEG	0
628	9/6/2013 14:16	DOOR JAMB	WOOD	C	CLEAR	21C	1	6	NEG	0.02
629	9/6/2013 14:19	WALL	DRYWALL	A	WHITE	22G	1	1	NEG	0
630	9/6/2013 14:19	WALL	DRYWALL	B	WHITE	22G	1	1	NEG	0
631	9/6/2013 14:19	WALL	DRYWALL	C	WHITE	22G	1	1	NEG	0.01
632	9/6/2013 14:19	WALL	DRYWALL	D	WHITE	22G	1	1	NEG	0.03
633	9/6/2013 14:20	CEILING	DRYWALL	D	WHITE	22G	1	1	NEG	0
634	9/6/2013 14:20	CABINET	WOOD	A	CLEAR	22G	1	1	NEG	0
635	9/6/2013 14:20	WINDOW STOOL	WOOD	A	WHITE	22G	1	1	NEG	0.01
636	9/6/2013 14:21	DOOR	WOOD	A	CLEAR	22G	1	1	NEG	0
637	9/6/2013 14:21	DOOR CASING	WOOD	A	CLEAR	22G	1	1	NEG	0
638	9/6/2013 14:21	DOOR JAMB	WOOD	A	CLEAR	22G	1	1	NEG	0
639	9/6/2013 14:21	CLOSET DOOR	WOOD	C	CLEAR	22G	1	1	NEG	0.02
640	9/6/2013 14:22	CLOSET SHELF	WOOD	C	WHITE	22G	1	1	NEG	0
641	9/6/2013 14:22	CLOSET DOOR	WOOD	C	CLEAR	22G	1	1	NEG	0
642	9/6/2013 14:22	CLOSET SHELF	WOOD	C	WHITE	22G	1	1	NEG	0
643	9/6/2013 14:23	WALL	DRYWALL	A	WHITE	22G	1	2	NEG	0
644	9/6/2013 14:23	WALL	DRYWALL	B	WHITE	22G	1	2	NEG	0.01
645	9/6/2013 14:23	WALL	DRYWALL	C	WHITE	22G	1	2	NEG	0
646	9/6/2013 14:24	WALL	DRYWALL	D	WHITE	22G	1	2	NEG	0
647	9/6/2013 14:24	WALL	DRYWALL	A	WHITE	22G	1	3	NEG	0
648	9/6/2013 14:24	WALL	DRYWALL	B	WHITE	22G	1	3	NEG	0
649	9/6/2013 14:25	WALL	DRYWALL	C	WHITE	22G	1	3	NEG	0.01
650	9/6/2013 14:25	WALL	DRYWALL	D	WHITE	22G	1	3	NEG	0.01
651	9/6/2013 14:25	WINDOW STOOL	WOOD	C	WHITE	22G	1	3	NEG	0.01
652	9/6/2013 14:25	CLOSET DOOR	WOOD	D	CLEAR	22G	1	3	NEG	0
653	9/6/2013 14:26	CLOSET SHELF	WOOD	D	WHITE	22G	1	3	NEG	0
654	9/6/2013 14:26	DOOR	WOOD	A	CLEAR	22G	1	3	NEG	0
655	9/6/2013 14:26	DOOR CASING	WOOD	A	CLEAR	22G	1	3	NEG	0
656	9/6/2013 14:26	DOOR JAMB	WOOD	A	CLEAR	22G	1	3	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
657	9/6/2013 14:27	WALL	DRYWALL	A	WHITE	22G	1	4	NEG	0
658	9/6/2013 14:27	WALL	DRYWALL	B	WHITE	22G	1	4	NEG	0
659	9/6/2013 14:27	WALL	DRYWALL	C	WHITE	22G	1	4	NEG	0
660	9/6/2013 14:28	WALL	DRYWALL	D	WHITE	22G	1	4	NEG	0.01
661	9/6/2013 14:28	CLOSET DOOR	WOOD	B	CLEAR	22G	1	4	NEG	0
662	9/6/2013 14:28	CLOSET SHELF	WOOD	B	WHITE	22G	1	4	NEG	0
663	9/6/2013 14:29	WINDOW STOOL	WOOD	D	WHITE	22G	1	4	NEG	0
664	9/6/2013 14:29	DOOR	WOOD	A	CLEAR	22G	1	4	NEG	0
665	9/6/2013 14:29	DOOR CASING	WOOD	A	CLEAR	22G	1	4	NEG	0
666	9/6/2013 14:29	DOOR JAMB	WOOD	A	CLEAR	22G	1	4	NEG	0.03
667	9/6/2013 14:30	WALL	DRYWALL	A	WHITE	22G	1	5	NEG	0
668	9/6/2013 14:30	WALL	DRYWALL	B	WHITE	22G	1	5	NEG	0
669	9/6/2013 14:31	WALL	DRYWALL	C	WHITE	22G	1	5	NEG	0
670	9/6/2013 14:31	WALL	DRYWALL	D	WHITE	22G	1	5	NEG	0.01
671	9/6/2013 14:31	CLOSET DOOR	WOOD	B	CLEAR	22G	1	5	NEG	0
672	9/6/2013 14:32	CLOSET SHELF	WOOD	B	WHITE	22G	1	5	NEG	0
673	9/6/2013 14:32	WINDOW STOOL	WOOD	D	WHITE	22G	1	5	NEG	0
674	9/6/2013 14:32	DOOR	WOOD	B	CLEAR	22G	1	5	NEG	0
675	9/6/2013 14:32	DOOR CASING	WOOD	B	CLEAR	22G	1	5	NEG	0
676	9/6/2013 14:33	DOOR JAMB	WOOD	B	CLEAR	22G	1	5	NEG	0
677	9/6/2013 14:33	WALL	DRYWALL	A	WHITE	22G	1	6	NEG	0
678	9/6/2013 14:33	WALL	DRYWALL	B	WHITE	22G	1	6	NEG	0.02
679	9/6/2013 14:33	WALL	DRYWALL	C	WHITE	22G	1	6	NEG	0
680	9/6/2013 14:34	WALL	DRYWALL	D	WHITE	22G	1	6	NEG	0.01
681	9/6/2013 14:34	CEILING	DRYWALL	D	WHITE	22G	1	6	NEG	0
682	9/6/2013 14:34	CABINET	WOOD	B	CLEAR	22G	1	6	NEG	0.04
683	9/6/2013 14:35	DOOR	WOOD	C	CLEAR	22G	1	6	NEG	0
684	9/6/2013 14:35	DOOR CASING	WOOD	C	CLEAR	22G	1	6	NEG	0
685	9/6/2013 14:35	DOOR JAMB	WOOD	C	CLEAR	22G	1	6	NEG	0
686	9/6/2013 14:39	WALL	DRYWALL	A	WHITE	23C	1	1	NEG	0
687	9/6/2013 14:40	WALL	DRYWALL	B	WHITE	23C	1	1	NEG	0
688	9/6/2013 14:40	WALL	DRYWALL	C	WHITE	23C	1	1	NEG	0
689	9/6/2013 14:41	WALL	DRYWALL	D	WHITE	23C	1	1	NEG	0
690	9/6/2013 14:41	CEILING	DRYWALL	D	WHITE	23C	1	1	NEG	0
691	9/6/2013 14:41	WINDOW STOOL	WOOD	A	WHITE	23C	1	1	NEG	0
692	9/6/2013 14:41	CABINET	WOOD	B	CLEAR	23C	1	1	NEG	0
693	9/6/2013 14:42	WALL	DRYWALL	A	WHITE	23C	1	2	NEG	0
694	9/6/2013 14:42	WALL	DRYWALL	B	WHITE	23C	1	2	NEG	0
695	9/6/2013 14:42	WALL	DRYWALL	C	WHITE	23C	1	2	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
696	9/6/2013 14:43	WALL	DRYWALL	D	WHITE	23C	1	2	NEG	0
697	9/6/2013 14:43	DOOR	WOOD	A	WHITE	23C	1	2	NEG	0
698	9/6/2013 14:43	DOOR CASING	WOOD	A	WHITE	23C	1	2	NEG	0
699	9/6/2013 14:43	DOOR JAMB	WOOD	A	WHITE	23C	1	2	NEG	0
700	9/6/2013 14:44	CLOSET DOOR	WOOD	B	CLEAR	23C	1	2	NEG	0
701	9/6/2013 14:44	CLOSET CASING	WOOD	B	CLEAR	23C	1	2	NEG	0
702	9/6/2013 14:44	CLOSET JAMB	WOOD	B	CLEAR	23C	1	2	NEG	0
703	9/6/2013 14:44	WINDOW STOOL	WOOD	C	WHITE	23C	1	2	NEG	0
704	9/6/2013 14:45	CLOSET DOOR	WOOD	C	CLEAR	23C	1	2	NEG	0
705	9/6/2013 14:45	CLOSET SHELF	WOOD	C	WHITE	23C	1	2	NEG	0
706	9/6/2013 14:46	WALL	DRYWALL	A	WHITE	23C	1	3	NEG	0
707	9/6/2013 14:46	WALL	DRYWALL	B	WHITE	23C	1	3	NEG	0
708	9/6/2013 14:46	WALL	DRYWALL	C	WHITE	23C	1	3	NEG	0
709	9/6/2013 14:46	WALL	DRYWALL	D	WHITE	23C	1	3	NEG	0
710	9/6/2013 14:47	CEILING	DRYWALL	D	WHITE	23C	1	3	NEG	0
711	9/6/2013 14:47	WINDOW STOOL	WOOD	A	WHITE	23C	1	3	NEG	0
712	9/6/2013 14:47	CABINET	WOOD	B	CLEAR	23C	1	3	NEG	0
713	9/6/2013 14:48	DOOR	WOOD	D	CLEAR	23C	1	3	NEG	0
714	9/6/2013 14:48	DOOR CASING	WOOD	D	CLEAR	23C	1	3	NEG	0
715	9/6/2013 14:48	DOOR JAMB	WOOD	D	CLEAR	23C	1	3	NEG	0
716	9/6/2013 14:49	STAIR RAIL	WOOD	C	CLEAR	23C	1	3	NEG	0
717	9/6/2013 14:49	STAIR STRINGER	WOOD	C	WHITE	23C	1	STAIR	NEG	0.01
718	9/6/2013 14:51	WALL	DRYWALL	A	WHITE	23C	1	4	NEG	0.01
719	9/6/2013 14:51	WALL	DRYWALL	B	WHITE	23C	1	4	NEG	0
720	9/6/2013 14:51	WALL	DRYWALL	C	WHITE	23C	1	4	NEG	0
721	9/6/2013 14:52	WALL	DRYWALL	D	WHITE	23C	1	4	NEG	0
722	9/6/2013 14:52	WINDOW STOOL	WOOD	A	WHITE	23C	1	4	NEG	0
723	9/6/2013 14:52	CLOSET DOOR	WOOD	D	CLEAR	23C	1	4	NEG	0.01
724	9/6/2013 14:52	CLOSET SHELF	WOOD	D	WHITE	23C	1	4	NEG	0
725	9/6/2013 14:53	DOOR	WOOD	D	CLEAR	23C	1	4	NEG	0
726	9/6/2013 14:53	DOOR CASING	WOOD	D	CLEAR	23C	1	4	NEG	0
727	9/6/2013 14:53	DOOR JAMB	WOOD	D	CLEAR	23C	1	4	NEG	0
728	9/6/2013 14:54	WALL	DRYWALL	A	WHITE	23C	1	5	NEG	0
729	9/6/2013 14:54	WALL	DRYWALL	B	WHITE	23C	1	5	NEG	0
730	9/6/2013 14:54	WALL	DRYWALL	C	WHITE	23C	1	5	NEG	0
731	9/6/2013 14:55	WALL	DRYWALL	D	WHITE	23C	1	5	NEG	0
732	9/6/2013 14:55	WINDOW STOOL	WOOD	A	WHITE	23C	1	5	NEG	0
733	9/6/2013 14:56	CLOSET DOOR	WOOD	C	CLEAR	23C	1	5	NEG	0
734	9/6/2013 14:56	CLOSET SHELF	WOOD	C	WHITE	23C	1	5	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
735	9/6/2013 14:56	DOOR	WOOD	B	CLEAR	23C	1	5	NEG	0
736	9/6/2013 14:56	DOOR CASING	WOOD	B	CLEAR	23C	1	5	NEG	0
737	9/6/2013 14:56	DOOR JAMB	WOOD	B	CLEAR	23C	1	5	NEG	0.01
738	9/6/2013 14:57	WALL	DRYWALL	A	WHITE	23C	1	6	NEG	0
739	9/6/2013 14:57	WALL	DRYWALL	B	WHITE	23C	1	6	NEG	0
740	9/6/2013 14:57	WALL	DRYWALL	C	WHITE	23C	1	6	NEG	0.01
741	9/6/2013 14:58	WALL	DRYWALL	D	WHITE	23C	1	6	NEG	0.01
742	9/6/2013 14:58	CEILING	DRYWALL	D	WHITE	23C	1	6	NEG	0
743	9/6/2013 14:58	CABINET	WOOD	D	CLEAR	23C	1	6	NEG	0
744	9/6/2013 14:58	DOOR	WOOD	B	CLEAR	23C	1	6	NEG	0.01
745	9/6/2013 14:59	DOOR CASING	WOOD	B	CLEAR	23C	1	6	NEG	0
746	9/6/2013 14:59	DOOR JAMB	WOOD	B	CLEAR	23C	1	6	NEG	0
747	9/6/2013 14:59	WALL	DRYWALL	A	WHITE	23C	1	7	NEG	0
748	9/6/2013 15:00	WALL	DRYWALL	B	WHITE	23C	1	7	NEG	0
749	9/6/2013 15:00	WALL	DRYWALL	C	WHITE	23C	1	7	NEG	0
750	9/6/2013 15:00	WALL	DRYWALL	D	WHITE	23C	1	7	NEG	0
751	9/6/2013 15:00	CLOSET DOOR	WOOD	B	CLEAR	23C	1	7	NEG	0
752	9/6/2013 15:01	CLOSET SHELF	WOOD	B	WHITE	23C	1	7	NEG	0
753	9/6/2013 15:01	WINDOW STOOL	WOOD	C	WHITE	23C	1	7	NEG	0
754	9/6/2013 15:01	DOOR	WOOD	B	CLEAR	23C	1	7	NEG	0
755	9/6/2013 15:01	DOOR CASING	WOOD	B	CLEAR	23C	1	7	NEG	0
756	9/6/2013 15:02	DOOR JAMB	WOOD	B	CLEAR	23C	1	7	NEG	0
757	9/6/2013 15:02	WALL	DRYWALL	A	WHITE	23C	1	8	NEG	0
758	9/6/2013 15:02	WALL	DRYWALL	B	WHITE	23C	1	8	NEG	0
759	9/6/2013 15:03	WALL	DRYWALL	C	WHITE	23C	1	8	NEG	0
760	9/6/2013 15:03	WALL	DRYWALL	D	WHITE	23C	1	8	NEG	0
761	9/6/2013 15:03	CLOSET DOOR	WOOD	A	CLEAR	23C	1	8	NEG	0
762	9/6/2013 15:04	CLOSET SHELF	WOOD	A	WHITE	23C	1	8	NEG	0
763	9/6/2013 15:04	WINDOW STOOL	WOOD	C	WHITE	23C	1	8	NEG	0.01
764	9/6/2013 15:04	DOOR	WOOD	D	CLEAR	23C	1	8	NEG	0
765	9/6/2013 15:04	DOOR CASING	WOOD	D	CLEAR	23C	1	8	NEG	0.01
766	9/6/2013 15:05	DOOR JAMB	WOOD	D	CLEAR	23C	1	8	NEG	0
767	9/6/2013 15:05	CLOSET DOOR	WOOD	A	CLEAR	23C	1	HALL	NEG	0
768	9/6/2013 15:05	CLOSET CASING	WOOD	A	CLEAR	23C	1	HALL	NEG	0
769	9/6/2013 15:05	CLOSET JAMB	WOOD	A	CLEAR	23C	1	HALL	NEG	0
770	9/6/2013 15:06	CABINET	WOOD	A	CLEAR	23C	1	HALL	NEG	0
771	9/6/2013 15:08	WALL	DRYWALL	A	WHITE	24B	1	1	NEG	0
772	9/6/2013 15:09	WALL	DRYWALL	B	WHITE	24B	1	1	NEG	0
773	9/6/2013 15:09	WALL	DRYWALL	C	WHITE	24B	1	1	NEG	0.01

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
774	9/6/2013 15:09	WALL	DRYWALL	D	WHITE	24B	1	1	NEG	0
775	9/6/2013 15:09	CEILING	DRYWALL	D	WHITE	24B	1	1	NEG	0
776	9/6/2013 15:10	DOOR	WOOD	A	CLEAR	24B	1	1	NEG	0
777	9/6/2013 15:10	DOOR CASING	WOOD	A	CLEAR	24B	1	1	NEG	0
778	9/6/2013 15:10	DOOR JAMB	WOOD	A	CLEAR	24B	1	1	NEG	0
779	9/6/2013 15:11	WINDOW STOOL	WOOD	A	WHITE	24B	1	1	NEG	0.01
780	9/6/2013 15:11	CABINET	WOOD	A	WHITE	24B	1	1	NEG	0
781	9/6/2013 15:11	CLOSET SHELF	WOOD	C	WHITE	24B	1	1	NEG	0
782	9/6/2013 15:12	CLOSET DOOR	WOOD	C	CLEAR	24B	1	1	NEG	0
783	9/6/2013 15:12	CLOSET SHELF	WOOD	C	WHITE	24B	1	1	NEG	0
784	9/6/2013 15:12	WALL	DRYWALL	A	WHITE	24B	1	2	NEG	0
785	9/6/2013 15:13	WALL	DRYWALL	B	WHITE	24B	1	2	NEG	0
786	9/6/2013 15:13	WALL	DRYWALL	C	WHITE	24B	1	2	NEG	0
787	9/6/2013 15:13	WALL	DRYWALL	D	WHITE	24B	1	2	NEG	0.01
788	9/6/2013 15:14	WALL	DRYWALL	A	WHITE	24B	1	3	NEG	0
789	9/6/2013 15:14	WALL	DRYWALL	B	WHITE	24B	1	3	NEG	0.01
790	9/6/2013 15:14	WALL	DRYWALL	C	WHITE	24B	1	3	NEG	0
791	9/6/2013 15:15	WALL	DRYWALL	D	WHITE	24B	1	3	NEG	0.01
792	9/6/2013 15:15	CLOSET DOOR	WOOD	B	CLEAR	24B	1	3	NEG	0
793	9/6/2013 15:15	CLOSET SHELF	WOOD	B	WHITE	24B	1	3	NEG	0
794	9/6/2013 15:16	WINDOW STOOL	WOOD	C	WHITE	24B	1	3	NEG	0
795	9/6/2013 15:16	DOOR	WOOD	A	CLEAR	24B	1	3	NEG	0
796	9/6/2013 15:16	DOOR CASING	WOOD	A	CLEAR	24B	1	3	NEG	0
797	9/6/2013 15:16	DOOR JAMB	WOOD	A	CLEAR	24B	1	3	NEG	0
798	9/6/2013 15:17	WALL	DRYWALL	A	WHITE	24B	1	4	NEG	0
799	9/6/2013 15:17	WALL	DRYWALL	B	WHITE	24B	1	4	NEG	0
800	9/6/2013 15:17	WALL	DRYWALL	C	WHITE	24B	1	4	NEG	0
801	9/6/2013 15:18	WALL	DRYWALL	D	WHITE	24B	1	4	NEG	0
802	9/6/2013 15:18	WINDOW STOOL	WOOD	B	WHITE	24B	1	4	NEG	0
803	9/6/2013 15:19	CLOSET DOOR	WOOD	D	CLEAR	24B	1	4	NEG	0
804	9/6/2013 15:19	CLOSET SHELF	WOOD	D	WHITE	24B	1	4	NEG	0
805	9/6/2013 15:20	DOOR	WOOD	A	CLEAR	24B	1	4	NEG	0
806	9/6/2013 15:20	DOOR CASING	WOOD	A	CLEAR	24B	1	4	NEG	0
807	9/6/2013 15:20	DOOR JAMB	WOOD	A	CLEAR	24B	1	4	NEG	0
808	9/6/2013 15:21	WALL	DRYWALL	A	WHITE	24B	1	5	NEG	0
809	9/6/2013 15:21	WALL	DRYWALL	B	WHITE	24B	1	5	NEG	0
810	9/6/2013 15:21	WALL	DRYWALL	C	WHITE	24B	1	5	NEG	0
811	9/6/2013 15:22	WALL	DRYWALL	D	WHITE	24B	1	5	NEG	0
812	9/6/2013 15:22	WINDOW STOOL	WOOD	B	WHITE	24B	1	5	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
813	9/6/2013 15:22	CLOSET DOOR	WOOD	D	CLEAR	24B	1	5	NEG	0.01
814	9/6/2013 15:22	CLOSET SHELF	WOOD	D	WHITE	24B	1	5	NEG	0.01
815	9/6/2013 15:23	DOOR	WOOD	D	CLEAR	24B	1	5	NEG	0
816	9/6/2013 15:23	DOOR CASING	WOOD	D	CLEAR	24B	1	5	NEG	0
817	9/6/2013 15:23	DOOR JAMB	WOOD	D	CLEAR	24B	1	5	NEG	0
818	9/6/2013 15:23	WALL	DRYWALL	A	WHITE	24B	1	6	NEG	0
819	9/6/2013 15:24	WALL	DRYWALL	B	WHITE	24B	1	6	NEG	0
820	9/6/2013 15:24	WALL	DRYWALL	C	WHITE	24B	1	6	NEG	0.01
821	9/6/2013 15:24	WALL	DRYWALL	D	WHITE	24B	1	6	NEG	0
822	9/6/2013 15:24	CEILING	DRYWALL	D	WHITE	24B	1	6	NEG	0
823	9/6/2013 15:25	DOOR	WOOD	C	CLEAR	24B	1	6	NEG	0.01
824	9/6/2013 15:25	DOOR CASING	WOOD	C	CLEAR	24B	1	6	NEG	0
825	9/6/2013 15:25	DOOR JAMB	WOOD	C	CLEAR	24B	1	6	NEG	0
826	9/6/2013 15:28	WALL	DRYWALL	A	WHITE	25B	1	1	NEG	0.01
827	9/6/2013 15:28	WALL	DRYWALL	B	WHITE	25B	1	1	NEG	0
828	9/6/2013 15:28	WALL	DRYWALL	C	WHITE	25B	1	1	NEG	0
829	9/6/2013 15:28	WALL	DRYWALL	D	WHITE	25B	1	1	NEG	0
830	9/6/2013 15:29	CEILING	DRYWALL	D	WHITE	25B	1	1	NEG	0
831	9/6/2013 15:29	DOOR	WOOD	A	CLEAR	25B	1	1	NEG	0
832	9/6/2013 15:29	DOOR CASING	WOOD	A	CLEAR	25B	1	1	NEG	0
833	9/6/2013 15:29	DOOR JAMB	WOOD	A	CLEAR	25B	1	1	NEG	0
834	9/6/2013 15:29	WINDOW STOOL	WOOD	A	WHITE	25B	1	1	NEG	0
835	9/6/2013 15:29	CABINET	WOOD	A	WHITE	25B	1	1	NEG	0.03
836	9/6/2013 15:29	CLOSET SHELF	WOOD	C	WHITE	25B	1	1	NEG	0
837	9/6/2013 15:29	CLOSET DOOR	WOOD	C	CLEAR	25B	1	1	NEG	0
838	9/6/2013 15:29	CLOSET SHELF	WOOD	C	WHITE	25B	1	1	NEG	0
839	9/6/2013 15:30	WALL	DRYWALL	A	WHITE	25B	1	2	NEG	0
840	9/6/2013 15:30	WALL	DRYWALL	B	WHITE	25B	1	2	NEG	0
841	9/6/2013 15:30	WALL	DRYWALL	C	WHITE	25B	1	2	NEG	0
842	9/6/2013 15:30	WALL	DRYWALL	D	WHITE	25B	1	2	NEG	0
843	9/6/2013 15:30	WALL	DRYWALL	A	WHITE	25B	1	3	NEG	0
844	9/6/2013 15:30	WALL	DRYWALL	B	WHITE	25B	1	3	NEG	0
845	9/6/2013 15:31	WALL	DRYWALL	B	WHITE	25B	1	3	NEG	0
846	9/6/2013 15:31	WALL	DRYWALL	C	WHITE	25B	1	3	NEG	0
847	9/6/2013 15:31	WALL	DRYWALL	D	WHITE	25B	1	3	NEG	0
848	9/6/2013 15:31	CLOSET DOOR	WOOD	B	CLEAR	25B	1	3	NEG	0
849	9/6/2013 15:31	CLOSET SHELF	WOOD	B	WHITE	25B	1	3	NEG	0
850	9/6/2013 15:31	WINDOW STOOL	WOOD	C	WHITE	25B	1	3	NEG	0
851	9/6/2013 15:31	DOOR	WOOD	A	CLEAR	25B	1	3	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
852	9/6/2013 15:31	DOOR CASING	WOOD	A	CLEAR	25B	1	3	NEG	0
853	9/6/2013 15:31	DOOR JAMB	WOOD	A	CLEAR	25B	1	3	NEG	0
854	9/6/2013 15:32	WALL	DRYWALL	A	WHITE	25B	1	4	NEG	0
855	9/6/2013 15:32	WALL	DRYWALL	B	WHITE	25B	1	4	NEG	0
856	9/6/2013 15:32	WALL	DRYWALL	C	WHITE	25B	1	4	NEG	0
857	9/6/2013 15:32	WALL	DRYWALL	D	WHITE	25B	1	4	NEG	0
858	9/6/2013 15:32	WINDOW STOOL	WOOD	B	WHITE	25B	1	4	NEG	0
859	9/6/2013 15:32	CLOSET DOOR	WOOD	D	CLEAR	25B	1	4	NEG	0
860	9/6/2013 15:32	CLOSET SHELF	WOOD	D	WHITE	25B	1	4	NEG	0
861	9/6/2013 15:32	DOOR	WOOD	A	CLEAR	25B	1	4	NEG	0
862	9/6/2013 15:32	DOOR CASING	WOOD	A	CLEAR	25B	1	4	NEG	0
863	9/6/2013 15:33	DOOR JAMB	WOOD	A	CLEAR	25B	1	4	NEG	0
864	9/6/2013 15:33	WALL	DRYWALL	A	WHITE	25B	1	5	NEG	0
865	9/6/2013 15:33	WALL	DRYWALL	B	WHITE	25B	1	5	NEG	0
866	9/6/2013 15:33	WALL	DRYWALL	C	WHITE	25B	1	5	NEG	0
867	9/6/2013 15:33	WALL	DRYWALL	D	WHITE	25B	1	5	NEG	0
868	9/6/2013 15:34	WINDOW STOOL	WOOD	B	WHITE	25B	1	5	NEG	0
869	9/6/2013 15:34	CLOSET DOOR	WOOD	D	CLEAR	25B	1	5	NEG	0
870	9/6/2013 15:34	CLOSET SHELF	WOOD	D	WHITE	25B	1	5	NEG	0
871	9/6/2013 15:34	DOOR	WOOD	D	CLEAR	25B	1	5	NEG	0
872	9/6/2013 15:34	DOOR CASING	WOOD	D	CLEAR	25B	1	5	NEG	0
873	9/6/2013 15:35	DOOR JAMB	WOOD	D	CLEAR	25B	1	5	NEG	0
874	9/6/2013 15:35	WALL	DRYWALL	A	WHITE	25B	1	6	NEG	0
875	9/6/2013 15:35	WALL	DRYWALL	B	WHITE	25B	1	6	NEG	0
876	9/6/2013 15:35	WALL	DRYWALL	C	WHITE	25B	1	6	NEG	0
877	9/6/2013 15:35	WALL	DRYWALL	D	WHITE	25B	1	6	NEG	0
878	9/6/2013 15:35	CEILING	DRYWALL	D	WHITE	25B	1	6	NEG	0
879	9/6/2013 15:35	DOOR	WOOD	C	CLEAR	25B	1	6	NEG	0
880	9/6/2013 15:35	DOOR CASING	WOOD	C	CLEAR	25B	1	6	NEG	0
881	9/6/2013 15:35	DOOR JAMB	WOOD	C	CLEAR	25B	1	6	NEG	0.01
882	9/6/2013 15:35	PLAY STRUCTURE	METAL	A	BLUE	PLAY AREA	1	EXTERIOR	NEG	0
883	9/6/2013 15:35	PLAY STRUCTURE	METAL	A	YELLOW	PLAY AREA	1	EXTERIOR	NEG	0
884	9/6/2013 15:35	PLAY STRUCTURE	METAL	A	RED	PLAY AREA	1	EXTERIOR	NEG	0
885	9/6/2013 15:35	SIDING	WOOD	A	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
886	9/6/2013 15:35	SIDING	WOOD	B	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
887	9/6/2013 15:35	SIDING	WOOD	C	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
888	9/6/2013 15:35	SIDING	WOOD	D	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
889	9/6/2013 15:36	DOOR 1	WOOD	A	RED	LAUNDRY	1	EXTERIOR	NEG	0
890	9/6/2013 15:36	DOOR CASING 1	WOOD	A	RED	LAUNDRY	1	EXTERIOR	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
891	9/6/2013 15:36	DOOR 2	WOOD	A	RED	LAUNDRY	1	EXTERIOR	NEG	0
892	9/6/2013 15:36	DOOR CASING 2	WOOD	A	RED	LAUNDRY	1	EXTERIOR	NEG	0
893	9/6/2013 15:36	DOOR 3	WOOD	A	RED	LAUNDRY	1	EXTERIOR	NEG	0
894	9/6/2013 15:36	DOOR CASING 3	WOOD	A	RED	LAUNDRY	1	EXTERIOR	NEG	0
895	9/6/2013 15:36	WINDOW CASING 1	WOOD	A	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
896	9/6/2013 15:37	WINDOW CASING 2	WOOD	A	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
897	9/6/2013 15:37	WINDOW CASING 3	WOOD	A	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
898	9/6/2013 15:37	WINDOW CASING 4	WOOD	A	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
899	9/6/2013 15:37	WINDOW CASING 5	WOOD	A	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
900	9/6/2013 15:37	WINDOW CASING 6	WOOD	A	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
901	9/6/2013 15:37	WINDOW CASING	WOOD	B	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
902	9/6/2013 15:37	SOFFIT	WOOD	B	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
903	9/6/2013 15:37	FASCIA	WOOD	B	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
904	9/6/2013 15:38	WINDOW CASING 1	WOOD	D	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
905	9/6/2013 15:38	WINDOW CASING 2	WOOD	D	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
906	9/6/2013 15:38	WINDOW CASING 3	WOOD	D	BEIGE	LAUNDRY	1	EXTERIOR	NEG	0
907	9/6/2013 15:38	WALL	DRYWALL	A	PINK	LAUNDRY	1	LAUNDRY	NEG	0
908	9/6/2013 15:38	WALL	DRYWALL	B	PINK	LAUNDRY	1	LAUNDRY	NEG	0
909	9/6/2013 15:38	WALL	DRYWALL	C	PINK	LAUNDRY	1	LAUNDRY	NEG	0
910	9/6/2013 15:38	WALL	DRYWALL	D	PINK	LAUNDRY	1	LAUNDRY	NEG	0
911	9/6/2013 15:39	CEILING	DRYWALL	D	PINK	LAUNDRY	1	LAUNDRY	NEG	0
912	9/6/2013 15:39	WINDOW CASING 1	WOOD	A	PINK	LAUNDRY	1	LAUNDRY	NEG	0
913	9/6/2013 15:39	WINDOW CASING 2	WOOD	A	PINK	LAUNDRY	1	LAUNDRY	NEG	0
914	9/6/2013 15:39	WINDOW CASING 3	WOOD	A	PINK	LAUNDRY	1	LAUNDRY	NEG	0
915	9/6/2013 15:39	WINDOW CASING 4	WOOD	A	PINK	LAUNDRY	1	LAUNDRY	NEG	0
916	9/6/2013 15:39	BASEBOARD	WOOD	D	PINK	LAUNDRY	1	LAUNDRY	NEG	0
917	9/6/2013 15:39	BENCH	WOOD	D	PINK	LAUNDRY	1	LAUNDRY	NEG	0
918	9/6/2013 15:39	WINDOW CASING 1	WOOD	D	PINK	LAUNDRY	1	LAUNDRY	NEG	0
919	9/6/2013 15:40	WINDOW CASING 2	WOOD	D	PINK	LAUNDRY	1	LAUNDRY	NEG	0
920	9/6/2013 15:40	WINDOW CASING 3	WOOD	D	PINK	LAUNDRY	1	LAUNDRY	NEG	0
921	9/6/2013 15:40	DOOR	WOOD	A	PINK	LAUNDRY	1	LAUNDRY	NEG	0
922	9/6/2013 15:40	DOOR CASING	WOOD	A	PINK	LAUNDRY	1	LAUNDRY	NEG	0
923	9/6/2013 15:40	DOOR JAMB	WOOD	A	PINK	LAUNDRY	1	LAUNDRY	NEG	0
924	9/6/2013 15:40	SIDING	WOOD	A	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
925	9/6/2013 15:40	SIDING	WOOD	B	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
926	9/6/2013 15:41	SIDING	WOOD	C	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
927	9/6/2013 15:41	SIDING	WOOD	D	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
928	9/6/2013 15:41	CORNER TRIM	WOOD	A	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
929	9/6/2013 15:41	WINDOW CASING 1	WOOD	A	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
930	9/6/2013 15:41	WINDOW CASING 2	WOOD	A	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
931	9/6/2013 15:41	WINDOW CASING 3	WOOD	A	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
932	9/6/2013 15:41	DOOR	WOOD	A	RED	COMM CENTER	1	EXTERIOR	NEG	0
933	9/6/2013 15:41	DOOR CASING	WOOD	A	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
934	9/6/2013 15:42	DOOR	WOOD	B	RED	COMM CENTER	1	EXTERIOR	NEG	0
935	9/6/2013 15:42	DOOR CASING	WOOD	B	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
936	9/6/2013 15:42	WINDOW CASING 1	WOOD	B	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
937	9/6/2013 15:42	WINDOW CASING 2	WOOD	B	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
938	9/6/2013 15:42	WINDOW CASING 3	WOOD	B	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
939	9/6/2013 15:42	SOFFIT	WOOD	C	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
940	9/6/2013 15:42	FASCIA	WOOD	C	BEIGE	COMM CENTER	1	EXTERIOR	NEG	0
941	9/6/2013 15:43	WALL	DRYWALL	A	WHITE	COMM CENTER	1	1	NEG	0
942	9/6/2013 15:43	WALL	DRYWALL	B	WHITE	COMM CENTER	1	1	NEG	0
943	9/6/2013 15:43	WALL	DRYWALL	C	WHITE	COMM CENTER	1	1	NEG	0
944	9/6/2013 15:43	WALL	DRYWALL	D	WHITE	COMM CENTER	1	1	NEG	0
945	9/6/2013 15:43	CEILING	WOOD	D	WHITE	COMM CENTER	1	1	NEG	0
946	9/6/2013 15:43	FIREPLACE	BRICK	C	WHITE	COMM CENTER	1	1	NEG	0
947	9/6/2013 15:43	DOOR	WOOD	B	WHITE	COMM CENTER	1	1	NEG	0
948	9/6/2013 15:43	DOOR CASING	WOOD	B	WHITE	COMM CENTER	1	1	NEG	0
949	9/6/2013 15:44	DOOR 1	WOOD	C	WHITE	COMM CENTER	1	1	NEG	0
950	9/6/2013 15:44	DOOR CASING 1	WOOD	C	WHITE	COMM CENTER	1	1	NEG	0
951	9/6/2013 15:44	DOOR 2	WOOD	C	WHITE	COMM CENTER	1	1	NEG	0
952	9/6/2013 15:44	DOOR CASING 2	WOOD	C	WHITE	COMM CENTER	1	1	NEG	0
953	9/6/2013 15:44	DOOR 1	WOOD	D	WHITE	COMM CENTER	1	1	NEG	0
954	9/6/2013 15:44	DOOR CASING 1	WOOD	D	WHITE	COMM CENTER	1	1	NEG	0
955	9/6/2013 15:44	DOOR 2	WOOD	D	WHITE	COMM CENTER	1	1	NEG	0
956	9/6/2013 15:45	DOOR CASING 2	WOOD	D	WHITE	COMM CENTER	1	1	NEG	0
957	9/6/2013 15:45	DOOR 3	WOOD	D	WHITE	COMM CENTER	1	1	NEG	0
958	9/6/2013 15:45	DOOR CASING 3	WOOD	D	WHITE	COMM CENTER	1	1	NEG	0
959	9/6/2013 15:45	DOOR	WOOD	A	WHITE	COMM CENTER	1	1	NEG	0
960	9/6/2013 15:45	DOOR CASING	WOOD	A	WHITE	COMM CENTER	1	1	NEG	0
961	9/6/2013 15:45	WINDOW CASING 1	WOOD	A	WHITE	COMM CENTER	1	1	NEG	0
962	9/6/2013 15:45	WINDOW CASING 2	WOOD	A	WHITE	COMM CENTER	1	1	NEG	0
963	9/6/2013 15:45	WINDOW CASING 3	WOOD	A	WHITE	COMM CENTER	1	1	NEG	0
964	9/6/2013 15:46	WINDOW CASING 1	WOOD	B	WHITE	COMM CENTER	1	1	NEG	0
965	9/6/2013 15:46	WINDOW CASING 2	WOOD	B	WHITE	COMM CENTER	1	1	NEG	0
966	9/6/2013 15:46	WINDOW CASING 3	WOOD	B	WHITE	COMM CENTER	1	1	NEG	0
967	9/6/2013 15:46	WALL	DRYWALL	A	WHITE	COMM CENTER	1	2	NEG	0
968	9/6/2013 15:46	WALL	DRYWALL	B	WHITE	COMM CENTER	1	2	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
969	9/6/2013 15:46	WALL	DRYWALL	C	WHITE	COMM CENTER	1	2	NEG	0
970	9/6/2013 15:46	WALL	DRYWALL	D	WHITE	COMM CENTER	1	2	NEG	0
971	9/6/2013 15:47	CEILING	DRYWALL	D	WHITE	COMM CENTER	1	2	NEG	0
972	9/6/2013 15:47	CABINET	WOOD	D	WHITE	COMM CENTER	1	2	NEG	0
973	9/6/2013 15:47	WALL	DRYWALL	A	WHITE	COMM CENTER	1	3	NEG	0
974	9/6/2013 15:47	WALL	DRYWALL	B	WHITE	COMM CENTER	1	3	NEG	0
975	9/6/2013 15:47	WALL	DRYWALL	C	WHITE	COMM CENTER	1	3	NEG	0
976	9/6/2013 15:47	WALL	DRYWALL	D	WHITE	COMM CENTER	1	3	NEG	0
977	9/6/2013 15:47	CEILING	DRYWALL	D	WHITE	COMM CENTER	1	3	NEG	0
978	9/6/2013 15:47	DOOR	WOOD	D	WHITE	COMM CENTER	1	3	NEG	0
979	9/6/2013 15:48	DOOR CASING	WOOD	D	WHITE	COMM CENTER	1	3	NEG	0
980	9/6/2013 15:48	DOOR JAMB	WOOD	D	WHITE	COMM CENTER	1	3	NEG	0
981	9/6/2013 15:48	WALL	DRYWALL	A	WHITE	COMM CENTER	1	4	NEG	0
982	9/6/2013 15:48	WALL	DRYWALL	B	WHITE	COMM CENTER	1	4	NEG	0
983	9/6/2013 15:48	WALL	DRYWALL	C	WHITE	COMM CENTER	1	4	NEG	0
984	9/6/2013 15:48	WALL	DRYWALL	D	WHITE	COMM CENTER	1	4	NEG	0
985	9/6/2013 15:48	CEILING	DRYWALL	D	WHITE	COMM CENTER	1	4	NEG	0
986	9/6/2013 15:49	DOOR	WOOD	A	WHITE	COMM CENTER	1	4	NEG	0
987	9/6/2013 15:49	DOOR CASING	WOOD	A	WHITE	COMM CENTER	1	4	NEG	0
988	9/6/2013 15:49	DOOR JAMB	WOOD	A	WHITE	COMM CENTER	1	4	NEG	0
989	9/6/2013 15:49	SIDING	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
990	9/6/2013 15:49	SIDING	WOOD	B	BEIGE	SHOP	1	EXTERIOR	NEG	0
991	9/6/2013 15:49	SIDING	WOOD	C	BEIGE	SHOP	1	EXTERIOR	NEG	0
992	9/6/2013 15:49	SIDING	WOOD	D	BEIGE	SHOP	1	EXTERIOR	NEG	0
993	9/6/2013 15:49	CORNER TRIM	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
994	9/6/2013 15:50	SOFFIT	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
995	9/6/2013 15:50	FASCIA	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
996	9/6/2013 15:50	DOOR 1	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
997	9/6/2013 15:50	DOOR CASING 1	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
998	9/6/2013 15:50	GARAGE DOOR	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
999	9/6/2013 15:50	GARAGE DOOR CASING 1	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
1000	9/6/2013 15:50	WINDOW CASING 1	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
1001	9/6/2013 15:51	WINDOW CASING 2	WOOD	A	BEIGE	SHOP	1	EXTERIOR	NEG	0
1002	9/6/2013 15:51	SIDING	WOOD	A	BEIGE	SHED	1	EXTERIOR	NEG	0
1003	9/6/2013 15:51	SIDING	WOOD	B	BEIGE	SHED	1	EXTERIOR	NEG	0
1004	9/6/2013 15:51	SIDING	WOOD	C	BEIGE	SHED	1	EXTERIOR	NEG	0
1005	9/6/2013 15:51	SIDING	WOOD	D	BEIGE	SHED	1	EXTERIOR	NEG	0
1006	9/6/2013 15:51	DOOR	WOOD	A	BEIGE	SHED	1	EXTERIOR	NEG	0
1007	9/6/2013 15:51	DOOR CASING	WOOD	A	BEIGE	SHED	1	EXTERIOR	NEG	0

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	COLOR	SITE	FLOOR	ROOM	Results	PbC
1008	9/6/2013 15:51			CALIBRATE					POS	1.1
1009	9/6/2013 15:52			CALIBRATE					POS	1
1010	9/6/2013 15:52			CALIBRATE					POS	1.1

Appendix B

FLOOR PLAN

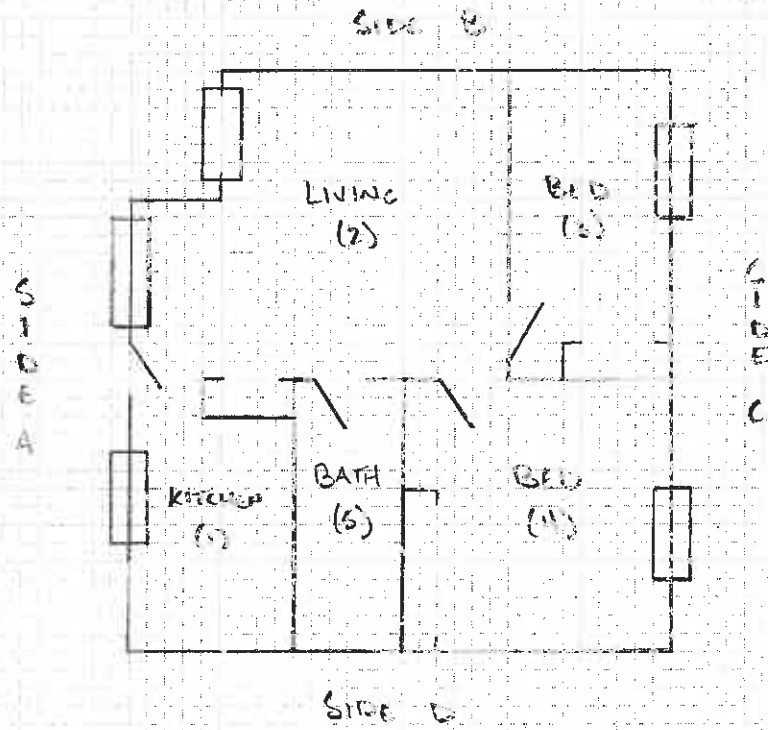
Location 13310 NE 13TH ST, KIRKLAND, WA
Client QUANTUM MANAGEMENT

DATE 2013-7-70
SEP. 3, 2013
Project SAM HOUSE

(2 BED / 1 BATH UNIT)

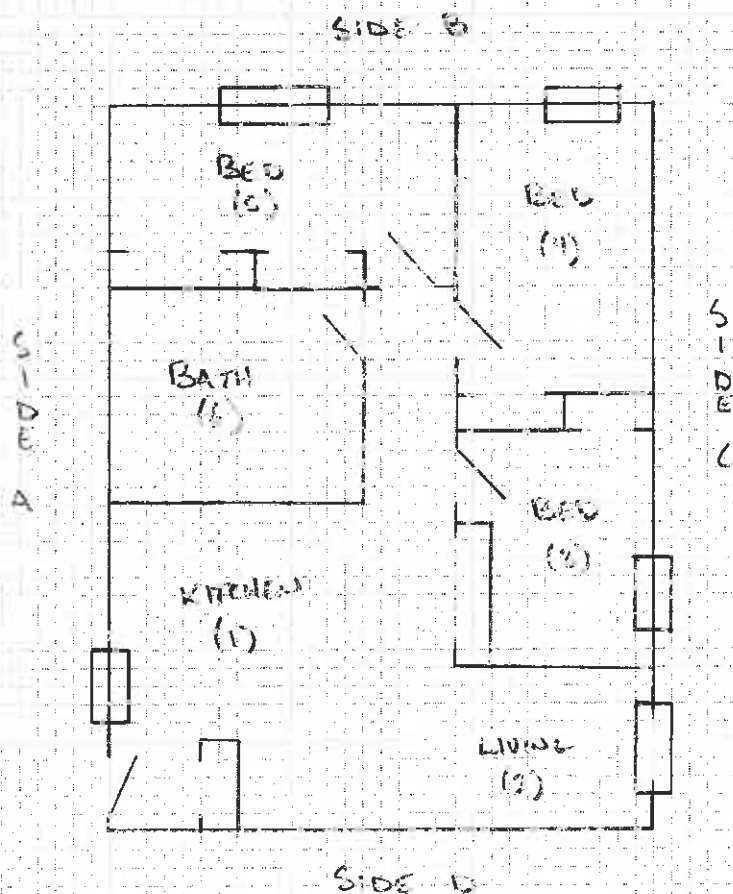
UNITS

- 1A
- 1E
- 2D (MIRROR)
- 4E
- 11A
- 16A



(NOT TO SCALE)

(3 BED / 1 BATH UNIT)



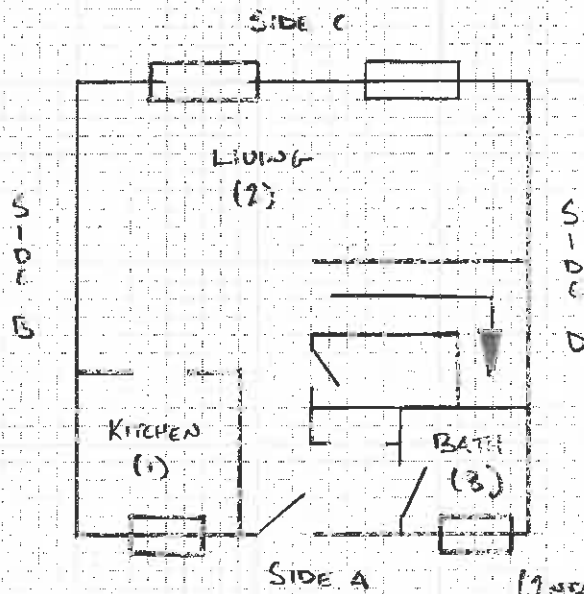
UNITS

3B	13C (MIRAGE)	22G (MIRAGE)
5G (MIRAGE)	14B	24B
6G (MIRAGE)	14F	25B
7B	16B	
8B	18C (MIRAGE)	
10F	20G (MIRAGE)	
12F	21C (MIRAGE)	

(NOT TO SCALE)

(4 BED / 2 BATH UNIT)

(MAIN FLOOR)



UNITS

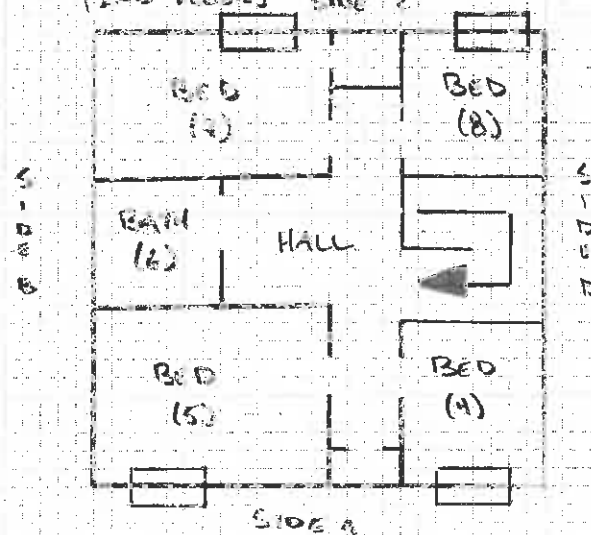
9D

17B

19C (MIRROR)

23C (MIRROR)

(2ND FLOOR)

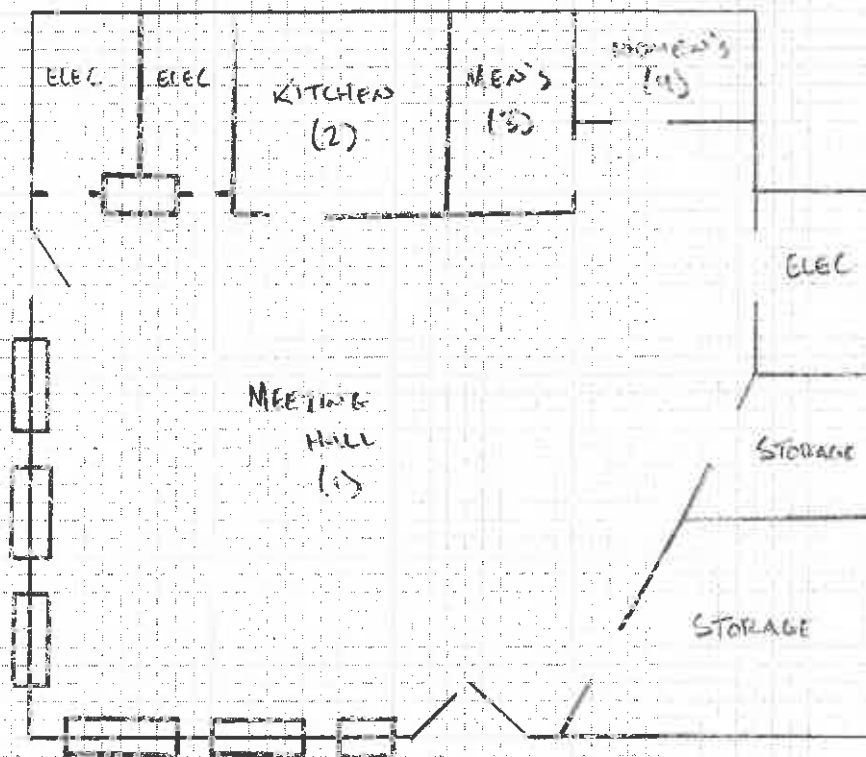


(NOT TO SCALE)

LOCATION 13310 NE 138th St, Kirkland, WA

CLIENT QUANTUM MANAGEMENT

(COMMUNITY CENTER)



(NOT TO SCALE)

KIRKLAND HEIGHTS APARTMENTS





Appendix C

INSPECTOR'S CERTIFICATIONS AND LABORATORY QUALIFICATIONS

STATE OF WASHINGTON

Department of Commerce
Lead-Based Paint Program

NVL Laboratories Inc

Has fulfilled the certification requirements of Washington Administrative
code (WAC) 365-230 and has been verified to conduct lead-based paint
activities pursuant to WAC 365-230-200.

Certification #	Issuance Date	Expiration Date
0291	6/7/2012	5/31/2015

STATE OF WASHINGTON

Department of Commerce
Lead-Based Paint Program

Samuel F. House

Has fulfilled the certification requirements of Washington Administrative code (WAC) 365-230 and has been certified to conduct lead-based paint activities pursuant to WAC 365-230-200 as a:

Inspector

Certification #	Issuance Date	Expiration Date
6279	2/9/2011	2/9/2014

Radiation Safety and Operation of Niton XRF Analyzers

This is to certify that

Samuel House


has successfully completed the one day Thermo Fisher Scientific Niton Analyzer Manufacturer's Training Course. The topics of this course include radiation safety, monitoring, device operation, and machine maintenance of the Niton XRF Analyzer.

(CIH's – The ABIH Awards 1 CM point, approval # 08-354)

Course date: January 20, 2011

Location: Seattle, WA

Certificate Number: 11:1100380000014MNeH



Sophie Ung
Radiation Safety Training Coordinator



James Blute, CHP
Manager of Health and Safety



CUSTOMER TRAINING



Limited Asbestos Screening

13310 NE 133rd Street
Kirkland, WA 98034



Prepared For
Mr. Lesley McCullar
Quantum Management
PO Box 2170
Lynnwood, WA 98036

Project Number:	2013-771
Inspection Date:	September 3, 2013
Report Date:	September 11, 2013
Inspected By:	Kaisi Wang
AHERA Certification	140300
Expiration Date:	January 17, 2014

TABLE OF CONTENTS

1.0	SCOPE OF WORK	3
2.0	SURVEY METHOD	4-5
3.0	LABORATORY INFORMATION	6
4.0	BUILDING DESCRIPTION	7
5.0	FINDINGS	8-12
6.0	CONCLUSIONS AND RECOMMENDATIONS	13-14
7.0	LIMITATIONS OF SURVEY	15

APPENDICIES

A	Sample Locations (Floor Plan)
B	Laboratory Analysis Results
C	AHERA Certification & Laboratory Qualifications

1.0 SCOPE OF WORK

A limited asbestos screening conducted on the apartment complex, located at 13310 NE 133rd Street Kirkland, WA 98034 on September 3, 2013.

Kaisi Wang, an AHERA certified building inspector, conducted this survey at the request from Mr. Lesly McCullar of Quantum Management.

The drywall and joint compound samples were collected of which would be disturbed during normal maintenance activities. No other materials were sampled. Destructive means were not utilized to collect the materials. Any materials that were not mentioned in this report must be treated as asbestos containing until testing proves otherwise for demolition/renovation purposes.

According to ASTM Standard E 2308-05, the purpose of a Limited Asbestos Screen (LAS) is to evaluate the presence of asbestos-containing materials within the interior and exterior of the building involved in commercial real estate transactions, including, but not limited to, acquisitions, sales, leasing, and financing. Please note that while an LAS is intended to reduce the risk of the presence of ACM within a building, it is not designed to eliminate that risk.

This report is not intended to serve as a comprehensive asbestos building survey, comprehensive inspection or comprehensive assessment for the presence of ACM in all or most of the building systems throughout the building, nor does it serve to adequately assess the presence of asbestos-containing materials in a building, or portions thereof, for pre-demolition. Please note that all materials in the building are suspect until proven negative.

The asbestos survey section **does not** comply with the AHERA asbestos sampling procedure as stated in 40 CFR 763.86. This protocol is required under the Puget Sound Clean Air Agency (PSCAA) Regulation III, Article IV, rev. July 13, 2000 for all asbestos surveys prior to a building demolition.

This asbestos screen **does not** satisfy the "Good Faith" asbestos inspection requirements in accordance with Washington Administrative Code (WAC) 296-62-07221(2), "identification", which requires the owner of a structure scheduled to be renovated or demolished to provide contractors working on the project with a written report of the asbestos-containing materials to be disturbed during renovation/demolition. A limited asbestos screen, by definition, **does not** adequately identify all materials to be impacted by demolition/renovation.

The National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 CFR Part 61 requires a survey by an accredited asbestos inspector prior to demolition of a structure. This report **does not** fulfill that requirement. A full, comprehensive survey must be done by an AHERA building inspector prior to any demolition/renovation being conducted on the building.

A floor plan indicating locations of samples collected by NVL personnel has been included in **Appendix A**.

2.0 SURVEY METHOD

Asbestos Survey Method

The NVL Labs field inspector is an Asbestos Building Inspector, certified under the requirements of the United States Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) regulation 40 CFR 763, Subpart E. A copy of his certificate is provided in Appendix C.

The AHERA Guidelines dictate the following:

The inspector must determine *homogenous areas*, which are defined as an area of Thermal System Insulation, Surfacing Material, or Miscellaneous Material that is uniform in texture and color.

Once homogenous areas have been determined, the inspector must determine whether or not material is friable or non-friable. **Friable** is defined as a material, that when dry, can be crushed, pulverized, or reduced to dust using hand pressure, and **non-friable** material is defined as a material, that when dry, *cannot* be crushed pulverized or reduced to dust using hand pressure. Materials normally defined as non-friable can become friable by definition if sufficiently damaged.

Once friability has been determined, the materials suspected of containing asbestos are divided into one of three categories: Thermal System Insulation (TSI), Surfacing Material (SM), or Miscellaneous Material (MM). Generally speaking, TSI and SM are considered to be friable, with the exception of TSI where the structural integrity of the insulation is in tact and the protective out wrap is undamaged.

Once materials are divided into one of the categories, samples are collected in the following manner:

Friable Thermal System Insulation:

1. Inspector shall collect three (3) randomly distributed samples;
2. Inspector shall collect a minimum of one sample of each TSI materials that appears to have been used as a patch, as long as the patch is less than six linear feet or six square feet;
3. Inspector shall collect in a manner sufficient, samples from areas of TSI applied to fittings, tees, and joints.

Friable Surfacing Material:

1. Inspector shall collect samples in statistically random manner of surfacing materials as follows:
 - a. Collect three bulk samples from an area believed to be homogeneous (defined as a material that appears to be the same or similar and was installed at the same time) that is 1,000 square feet or less in size;
 - b. Collect five bulk samples from an area believed to be homogeneous that is greater than 1,000 square feet in size, but less than 5,000 square feet in size;
 - c. Collect seven bulk samples from an area believed to be homogeneous that is greater than 5,000 square feet.

Miscellaneous Materials:

1. Inspector shall collect samples in a manner and number sufficient to determine if the material is asbestos-containing or not.

All Materials Determined to Be Non Friable:

1. Inspector shall collect samples in a manner and number sufficient to determine if the material is asbestos containing or not.

In addition to these sampling requirements, the AHERA Building Inspector is required to assess the following of each material that is found to be positive for asbestos:

1. The condition of each material;
2. Accessibility;
3. Possibility for air erosion.

Once the samples have been collected, they must be analyzed by an accredited laboratory, and they must be analyzed using polarized light microscopy methods, commonly referred to as EPA Method 600/R-93/116.

NVL Labs collected samples and obtained analytical data for suspect asbestos-containing materials identified in the building. Once collected, each bulk sample was sealed in an unadulterated plastic bag to eliminate the possibility of cross-contamination. "Chain-of-Custody" tracking was followed to maintain sample integrity during handling and data reporting at NVL Labs.

A walk-through inspection of all accessible areas of this structure was performed to identify potential asbestos-containing materials. The walk-through inspection included a review of the internal and external aspects of this structure. The locations and types of potential asbestos-containing materials were noted.

Homogeneous Materials

Homogeneous materials are defined as an area of asbestos-containing material or presumed asbestos-containing material which appears similar throughout in terms of color, texture, and date of material application. The report listing for homogenous materials will appear as follows:

Sample Number	Material Description by Layer	Location	Asbestos	Quantity	Friable
#	Layer 1 is not asbestos-containing Layer 2 is asbestos-containing	Location description	1. % 2. %	"X" LF/ft ²	Yes/No

3.0 LABORATORY INFORMATION

Laboratory Analysis: Asbestos

In accordance with 40 CFR Chapter 1 (1-1-87 edition) Part 763, Subpart F, Appendix A, asbestos samples are analyzed at NVL Labs using polarized light microscopy (PLM) with dispersion staining. If samples are not homogeneous, then sub-samples of the components are analyzed separately. All bulk samples are analyzed using EPA Method 600/R-93/116 with the following measurement uncertainties for reported % asbestos: 1%=0-3%, 5% \geq 1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%. Only materials containing more than 1% total asbestos were classified as "asbestos-containing" based on EPA, state, and local regulations.

Findings for samples containing more than one separable layer of materials are reported for each layer. The asbestos concentration in the sample is determined by visual estimation.

NVL Labs is accredited by the National Institute of Standards and Technology (NIST) under the National Volunteer Laboratory Accreditation Program (NVLAP) program for bulk asbestos fiber analysis; *NVLAP Lab Code 102063-0*

Laboratory Accreditation

Professional accreditations for NVL Laboratories, Inc. include the following:

NVL Laboratories, Inc. is currently accredited by the National Institute of Standards and Technology (NIST) under the National Volunteer Laboratory Accreditation Program (NVLAP) program for bulk asbestos fiber analysis.

NVLAP Lab Code 102063-0

NVL Laboratories, Inc. is approved by the American Industrial Hygiene Association (AIHA) Asbestos Analysts Registry (AAR) program for airborne asbestos fiber analysis.

AAR Counter ID 7412

NVL Laboratories, Inc. is currently accredited by the American Industrial Hygiene Association (AIHA) under the Industrial Hygiene Laboratory Accreditation Program (IHLAP). The IHLAP program is designed specifically for laboratories involved in analyzing samples to evaluate workplace exposure.

IHLAP Certification Number 563

4.0 BUILDING DESCRIPTION

General Building Type	This is the "Kirkland Heights" apartment complex, consisting of 2, 3 and 4 bedroom units.
Primary External Components	The exterior of the buildings is wood siding.
Foundation Type	The structures have on-grade concrete foundations.
Roofing Material(s)	The buildings have flat asphalt and metal roofs.
Window Type(s)	The windows of the structures are vinyl framed with no glazing.
Flooring	The flooring in the units is sheet vinyl and carpet.
Thermal Systems With Insulation	The units are heated via electric baseboard radiators.
Finishing	The structure is finished with textured drywall and popcorn ceiling throughout.

5.0 FINDINGS

Sample Number	Material Description by Layer	Location	Asbestos	Quantity**	Friable*
2013-771-1-1	1: Wall texture 2: Drywall	Unit 1A, Bedroom, Closet Wall	1: 2% 2: ND	120,000 ft ² Total	Yes
2013-771-1-2	1: Wall texture 2: Drywall	Unit 1 E, Living Room, Closet Wall	1: 3% 2: ND		
2013-771-1-3	1: Wall texture 2: Drywall	Unit 2D, Living Room, Closet Wall	1: 2% 2: ND		
2013-771-1-4	1: Drywall	Unit 3B, Kitchen, Cabinet Wall	1: ND		
2013-771-1-5	1: Wall texture 2: Drywall	Unit 4E, Living Room, Wall near Glass Door	1: 2% 2: ND		
2013-771-1-6	1: Wall texture 2: Drywall	Unit 5G, Entry, Closet Wall	1: 2% 2: ND		
2013-771-1-7	1: Wall texture 2: Drywall	Unit 6G, Living Room, Wall near Glass Door	1: 2% 2: ND		
2013-771-1-8	1: Wall texture 2: Drywall	Unit 7B, Living Room, Closet Wall	1: 2% 2: ND		
2013-771-1-9	1: Wall texture 2: Drywall	Unit 10F, Entry, Closet Wall	1: 3% 2: ND		
2013-771-1-10	1: Wall texture 2: Drywall	Unit 8B, Living Room, Wall above Baseboard	1: 2% 2: ND		
2013-771-1-11	1: Wall texture 2: Drywall	Unit 9D, 2nd Floor Hallway, Closet Wall	1: 2% 2: ND		
2013-771-1-12	1: Wall texture 2: Drywall	Unit 14B, Kitchen, Wall behind Range	1: ND 2: ND		
2013-771-1-13	1: Wall texture 2: Drywall	Unit 14F, Living Room, Wall above Baseboard	1: 2% 2: ND		
2013-771-1-14	1: Wall texture 2: Drywall	Unit 16B, Living Room, Wall above Baseboard	1: 2% 2: ND		
2013-771-1-15	1: Wall texture 2: Drywall	Unit 16A, Bedroom, Closet Wall	1: 2% 2: ND		

ND None Detected

* The friability of this material was determined at the time of this inspection. Subsequent activities such as demolition, renovation, or abatement may affect the friability of this material.

*** These quantities are only an estimate of the asbestos containing material discovered on site. Accuracy of these estimates must be verified by the asbestos abatement contractor on site.

FINDINGS (Continued)

Sample Number	Material Description by Layer	Location	Asbestos	Quantity**	Friable*
2013-771-1-16	1: Wall texture 2: Drywall	Unit 17B, Hallway, Closet Wall	1: 3% 2: ND	120,000 ft ² Total	Yes
2013-771-1-17	1: Wall texture 2: Drywall	Unit 13G, Entry, Closet Wall	1: 3% 2: ND		
2013-771-1-18	1: Wall texture 2: Drywall	Unit 11A, Living Room, Closet Wall	1: 2% 2: ND		
2013-771-1-19	1: Wall texture 2: Drywall	Unit 12F, Hallway, Closet Wall	1: 2% 2: ND		
2013-771-1-20	1: Wall texture 2: Drywall	Unit 18C, Hallway, Closet Wall	1: 3% 2: ND		
2013-771-1-21	1: Wall texture 2: Drywall	Unit 20G, Living Room, Wall above Baseboard	1: 2% 2: ND		
2013-771-1-22	1: Wall texture 2: Drywall	Unit 19C, 2nd Floor Hallway, Closet Wall	1: 3% 2: ND		
2013-771-1-23	1: Wall texture 2: Drywall	Unit 21C, Entry, Closet Wall	1: 3% 2: ND		
2013-771-1-24	1: Wall texture 2: Drywall	Unit 22G, Hallway, Closet Wall	1: 2% 2: ND		
2013-771-1-25	1: Wall texture 2: Drywall	Unit 24B, Hallway, Closet Wall	1: 2% 2: ND		
2013-771-1-26	1: Wall texture 2: Drywall	Unit 23C, Bedroom, Closet Wall	1: 3% 2: ND		
2013-771-1-27	1: Wall texture 2: Drywall	Unit 25B, Hallway, Closet Wall	1: 2% 2: ND		

ND None Detected

* The friability of this material was determined at the time of this inspection. Subsequent activities such as demolition, renovation, or abatement may affect the friability of this material.

*** These quantities are only an estimate of the asbestos containing material discovered on site. Accuracy of these estimates must be verified by the asbestos abatement contractor on site.

FINDINGS (Continued)

Sample Number	Material Description by Layer	Location	Asbestos	Quantity**	Friable*
2013-771-3-1	1: Joint compound 2: Joint compound 3: Drywall	Unit 1A, Living Room, Closet Wall	1: 3% 2: ND 3: ND	Unknown	Yes
2013-771-3-2	1: Joint compound 2: Joint compound 3: Drywall	Unit 1E, Bedroom, Closet Wall	1: 3% 2: ND 3: ND		
2013-771-3-3	1: Joint compound 2: Joint compound 3: Drywall	Unit 2D, Bedroom, Closet Wall	1: 2% 2: 2% 3: ND		
2013-771-3-4	1: Joint compound 2: Joint compound 3: Drywall	Unit 3B, Bathroom, Wall under Sink	1: ND 2: 2% 3: ND		
2013-771-3-5	1: Joint compound 2: Joint compound 3: Drywall	Unit 4E, Bathroom, Wall behind Door	1: 3% 2: ND 3: ND		
2013-771-3-6	1: Joint compound 2: Joint compound 3: Drywall	Unit 5G, Bedroom, Closet	1: 3% 2: 2% 3: ND		
2013-771-3-7	1: Joint compound 2: Joint compound 3: Drywall	Unit 6G, Bathroom, Wall behind Door	1: 2% 2: ND 3: ND		
2013-771-3-8	1: Joint compound 2: Joint compound 3: Drywall	Unit 7B, Entry, Wall behind Cove Base	1: 2% 2: ND 3: ND		
2013-771-3-9	1: Joint compound 2: Drywall	Unit 10F, Hallway, Closet Wall	1: 2% 2: ND		
2013-771-3-10	1: Joint compound 2: Drywall	Unit 8B, Living Room, Closet	1: 2% 2: ND		
2013-771-3-11	1: Joint compound 2: Drywall	Unit 9D, Stair Closet, Left Corner Wall	1: 2% 2: ND		

ND None Detected

* The friability of this material was determined at the time of this inspection. Subsequent activities such as demolition, renovation, or abatement may affect the friability of this material.

*** These quantities are only an estimate of the asbestos containing material discovered on site. Accuracy of these estimates must be verified by the asbestos abatement contractor on site.

FINDINGS (Continued)

Sample Number	Material Description by Layer	Location	Asbestos	Quantity**	Friable*
2013-771-3-12	1: Joint compound 2: Joint compound 3: Drywall	Unit 14B, Bedroom, Closet Wall	1: 3% 2: 2% 3: ND	Unknown	Yes
2013-771-3-13	1: Joint compound 2: Joint compound 3: Drywall	Unit 14F, Living Room, Wall near Glass Door	1: 2% 2: 2% 3: ND		
2013-771-3-14	1: Joint compound 2: Joint compound 3: Drywall	Unit 16B, Bedroom, Closet Wall	1: 3% 2: 2% 3: ND		
2013-771-3-15	1: Joint compound 2: Drywall	Unit 16A, Living Room, Entry, Wall under Window	1: 2% 2: ND		
2013-771-3-16	1: Joint compound 2: Drywall	Unit 17B, Stair Closet, Left Corner Wall	1: 2% 2: ND		
2013-771-3-17	1: Joint compound 2: Joint compound 3: Drywall	Unit 13G, Bedroom, Closet Wall	1: 2% 2: ND 3: ND		
2013-771-3-18	1: Joint compound 2: Joint compound 3: Drywall	Unit 11A, Hallway, Wall behind Cove Base	1: 3% 2: ND 3: ND		
2013-771-3-19	1: Joint compound 2: Joint compound 3: Drywall	Unit 12F, Hallway, Closet Wall	1: 3% 2: ND 3: ND		
2013-771-3-20	1: Joint compound 2: Joint compound 3: Drywall	Unit 18C, Hallway, Closet Wall	1: 3% 2: ND 3: ND		
2013-771-3-21	1: Joint compound 2: Joint compound 3: Drywall	Unit 20G, Bedroom, Closet Wall	1: 2% 2: 2% 3: ND		
2013-771-3-22	1: Joint compound 2: Joint compound 3: Drywall	Unit 19C, 2nd Floor Hallway, Closet Wall	1: 3% 2: 2% 3: ND		

ND None Detected

* The friability of this material was determined at the time of this inspection. Subsequent activities such as demolition, renovation, or abatement may affect the friability of this material.

*** These quantities are only an estimate of the asbestos containing material discovered on site. Accuracy of these estimates must be verified by the asbestos abatement contractor on site.

FINDINGS (Continued)

Sample Number	Material Description by Layer	Location	Asbestos	Quantity**	Friable*
2013-771-3-23	1: Joint compound 2: Drywall	Unit 21C, Bedroom, Closet Wall	1: 3% 2: ND	Unknown	Yes
2013-771-3-24	1: Joint compound 2: Drywall	Unit 22G, Entry, Wall behind Cove Base	1: 2% 2: ND		
2013-771-3-25	1: Joint compound 2: Joint compound 3: Drywall	Unit 24B, Bathroom, Closet Wall	1: 3% 2: 2% 3: ND		
2013-771-3-26	1: Joint compound 2: Joint compound 3: Drywall	Unit 23C, Bedroom, Closet Wall	1: 3% 2: ND 3: ND		
2013-771-3-27	1: Joint compound 2: Drywall	Unit 25B, Bedroom, Closet Wall	1: 2% 2: ND		

ND

None Detected

*

The friability of this material was determined at the time of this inspection. Subsequent activities such as demolition, renovation, or abatement may affect the friability of this material.

**

These quantities are only an estimate of the asbestos containing material discovered on site. Accuracy of these estimates must be verified by the asbestos abatement contractor on site.

Any suspect material(s) not identified above should not be disturbed and should be tested immediately. The suspect material must be treated as asbestos-containing until testing proves otherwise.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The following is an inventory of the asbestos-containing materials identified at the property during the Limited Good Faith Asbestos Inspection:

1. Wall Texture (Friable)

Sample numbers: 2013-771-1-1 through 1-27



There is approximately 120,000 square feet of asbestos containing wall texture associated with the wall systems of all the structures.

2. Joint compound (Friable)

Sample numbers: 2013-771-3-1 through 3-27



There is an unknown quantity of asbestos-containing joint compound with paint associated with the wall system of all the structures.

Please note the following suspect materials were not sampled, therefore shall not be disturbed by any means or circumstances.



Popcorn ceiling, Vinyl cove base with mastic, Aluminum sink undercoat and Sheet vinyl floorings with backing/mastic.

Contractors should be aware that concealed suspect asbestos-containing building materials may be uncovered during the course of demolition or renovation work. Contractors should have contingency plans that include stopping work, evacuation of the immediate area and sampling by a certified AHERA Building Inspector whenever these materials are found. Concealed suspect materials may include, but are not limited to: non-fiberglass pipe or roof drain insulation; spray-applied coatings; cement board; asphalt or paper vapor barriers; floorings and adhesives.

If discovered, all asbestos-containing materials that will be disturbed as a natural part of renovation and/or demolition are required to be removed and disposed of in accordance with Washington State regulations. Washington State Department of Labor and Industries and PSCAA require that the abatement be performed using Certified Asbestos Workers under the direct on site supervision by a Certified Asbestos Supervisor.

Based on our conclusions, NVL Labs, Inc. is making the following recommendations regarding asbestos:

1. A copy of this inspection report should be maintained at the project site during the duration of any renovations/maintenance.
2. A copy of this inspection report should be provided to the General Contractor and any Sub Contractors working on the renovation project.
3. A licensed asbestos abatement contractor must be utilized to remove any asbestos-containing materials that will be impacted by the renovations.

7.0 LIMITATIONS OF SURVEY

The sole purpose of this survey report is to document suspected and confirmed asbestos-containing materials discovered in the apartment complex, located at 13310 NE 133rd Street Kirkland, WA 98034 on September 3, 2013.

The drywall and joint compound samples were collected of which would be disturbed during normal maintenance activities. No other materials were sampled. Destructive means were not utilized to collect the materials. Any materials that were not mentioned in this report must be treated as asbestos containing until testing proves otherwise for demolition/renovation purposes.

This site visit consisted of a thorough visual walk-through of the building for the purpose of viewing and sampling potential asbestos-containing material. As hazardous material surveys are non-comprehensive by nature, NVL Laboratories, Inc. cannot be held liable for materials which require destructive means to access, materials which are hidden from sight (e.g. materials hidden behind walls), materials which cannot be found due to their obscure nature, or which otherwise cannot be discovered with reasonable diligence.

This document is the sole property of NVL Laboratories and the property owner, or his agent, authorizing this survey.

Inspected By



Kaisi Wang
AHERA Building Inspector
AHERA Certification # 140300
Expiration Date January 17, 2014

Reviewed By



Syed Hasan
Manager Field Services

Appendix A

Sample Locations (Floor Plan)

NE 132 Street



Appendix B

Laboratory Analysis Report

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103Attention: Mr. Kaisi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034Batch #: 1314584.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020**Lab ID: 13108922 Client Sample #: 2013-771-1-1**

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder	Cellulose 17%	None Detected ND
		Glass fibers 3%	

Lab ID: 13108923 Client Sample #: 2013-771-1-2

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Binder/Filler, Paint	None Detected ND	Chrysotile 3%
Layer 2 of 2	Description: White chalky material with paper		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder	Cellulose 15%	None Detected ND
		Glass fibers 3%	

Lab ID: 13108924 Client Sample #: 2013-771-1-3

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder	Cellulose 18%	None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

NVL Laboratories, Inc



4708 Aurora Ave. N., Seattle, WA 98103
Tel: 206.547.0100, Fax: 206.634.1936
www.nvllabs.com

For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314584.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Lab ID: 13108925 Client Sample #: 2013-771-1-4

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 1 Description: White chalky material with paper and paint

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Fine particles, Gypsum/Binder, Paint	Cellulose 16%	None Detected ND
	Glass fibers 4%	

Lab ID: 13108926 Client Sample #: 2013-771-1-5

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2 Description: White textured compacted powdery material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%

Layer 2 of 2 Description: White chalky material with paper

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Fine particles, Gypsum/Binder, Mica	Cellulose 19%	None Detected ND
	Glass fibers 4%	

Lab ID: 13108927 Client Sample #: 2013-771-1-6

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2 Description: White textured compacted powdery material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Calcareous particles, Binder/Filler, Paint	Cellulose 2%	Chrysotile 2%

Layer 2 of 2 Description: White chalky material with paper

Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
Fine particles, Gypsum/Binder	Cellulose 22%	None Detected ND

Lab ID: 13108928 Client Sample #: 2013-771-1-7

Location: 13310 NE 133rd Street Kirkland, WA 98034

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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Seattle, WA 98103Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034Batch #: 1314584.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 15%	None Detected ND
			Glass fibers 3%	

Lab ID: 13108929 Client Sample #: 2013-771-1-8

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	Cellulose 3%	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 40%	None Detected ND

Lab ID: 13108930 Client Sample #: 2013-771-1-9

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	Cellulose 2%	Chrysotile 3%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 18%	None Detected ND

Lab ID: 13108931 Client Sample #: 2013-771-1-10

Location: 13310 NE 133rd Street Kirkland, WA 98034

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division

Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kalsi Wang

Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314584.00

Client Project #: 2013-771

Date Received: 9/3/2013

Samples Received: 27

Samples Analyzed: 27

Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	Cellulose 2%	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Fine particles, Gypsum/Binder, Mica	Cellulose 16%	None Detected ND
			Glass fibers 4%	

Lab ID: 13108932 Client Sample #: 2013-771-1-11

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	Cellulose 2%	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 18%	None Detected ND
			Glass fibers 2%	

Lab ID: 13108933 Client Sample #: 2013-771-1-12

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 14%	None Detected ND
			Glass fibers 3%	

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

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Attention: Mr. Kaisi Wang

Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314584.00

Client Project #: 2013-771

Date Received: 9/3/2013

Samples Received: 27

Samples Analyzed: 27

Method: EPA/600/R-93/116
& EPA/600/M4-82-020**Lab ID: 13108934 Client Sample #: 2013-771-1-13**

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2 Description: White textured compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Fine particles, Binder/Filler, Paint

None Detected ND

Chrysotile 2%

Layer 2 of 2 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Fine particles, Gypsum/Binder

Cellulose 17%

None Detected ND

Glass fibers 3%

Lab ID: 13108935 Client Sample #: 2013-771-1-14

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2 Description: White textured compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

Cellulose 2%

Chrysotile 2%

Layer 2 of 2 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Fine particles, Gypsum/Binder, Mica

Cellulose 15%

None Detected ND

Glass fibers 3%

Lab ID: 13108936 Client Sample #: 2013-771-1-15

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2 Description: White textured compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

Cellulose 1%

Chrysotile 2%

Layer 2 of 2 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials:%

Asbestos Type: %

Fine particles, Gypsum/Binder

Cellulose 12%

None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Date: 09/05/2013

Reviewed by: Nick Ly

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314584.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Lab ID: 13108937 Client Sample #: 2013-771-1-16

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	Cellulose 2%	Chrysotile 3%	
Layer 2 of 2	Description: White chalky material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Fine particles, Gypsum/Binder	Cellulose 18%	None Detected ND	

Lab ID: 13108938 Client Sample #: 2013-771-1-17

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 3%	
Layer 2 of 2	Description: White chalky material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Fine particles, Gypsum/Binder	Cellulose 14%	None Detected ND	

Lab ID: 13108939 Client Sample #: 2013-771-1-18

Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%	
Layer 2 of 2	Description: White chalky material with paper			
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %	
	Fine particles, Gypsum/Binder	Cellulose 18%	None Detected ND	

Lab ID: 13108940 Client Sample #: 2013-771-1-19

Location: 13310 NE 133rd Street Kirkland, WA 98034

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314584.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 24%	None Detected ND

Lab ID: 13108941 Client Sample #: 2013-771-1-20
Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	Cellulose 2%	Chrysotile 3%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 16%	None Detected ND

Lab ID: 13108942 Client Sample #: 2013-771-1-21
Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 12%	None Detected ND

Lab ID: 13108943 Client Sample #: 2013-771-1-22
Location: 13310 NE 133rd Street Kirkland, WA 98034

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

NVL Laboratories, Inc



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Tel: 206.547.0100, Fax: 206.634.1936
www.nvllabs.com

For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kaisi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314584.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 3%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder		Cellulose 17%	None Detected ND
<hr/>				
Lab ID: 13108944	Client Sample #: 2013-771-1-23			
Location: 13310 NE 133rd Street Kirkland, WA 98034				
Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 3%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder		Cellulose 13%	None Detected ND
<hr/>				
Lab ID: 13108945	Client Sample #: 2013-771-1-24			
Location: 13310 NE 133rd Street Kirkland, WA 98034				
Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		Cellulose 1%	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder		Cellulose 45%	None Detected ND
<hr/>				
Lab ID: 13108946	Client Sample #: 2013-771-1-25			
Location: 13310 NE 133rd Street Kirkland, WA 98034				

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kaisi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314584.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 20%	None Detected ND

Lab ID: 13108947 Client Sample #: 2013-771-1-26
Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 3%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 17% Glass fibers 2%	None Detected ND

Lab ID: 13108948 Client Sample #: 2013-771-1-27
Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 2	Description: White textured compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 14%	None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

NVL Laboratories, Inc.

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 Tel: 206.547.0100 Emerg. Cell: 206.914.4646
 1.888.NVL.LABS (685.5227) www.nvllabs.com

**CHAIN of CUSTODY
SAMPLE LOG**

NVL Batch ID
1314584

Client NVL Laboratories Inc

Street 4708 Aurora Ave N
Seattle, WA 98103

Project Manager Syed Hasan

Project Location 13310 NE 133rd Street
Kirkland, WA 98034

NVL Batch Number

Client Job Number 2013-771Total Samples 27

Turn Around Time

☐ 1-Hr ☐ 8-Hrs ☒ 2 ☐ 5
☐ 2-Hrs ☐ 12-Hrs ☐ 3 ☐ 6-10
☐ 4-Hrs ☐ 24-Hrs ☐ 4

Please call for TAT less than 24 Hrs

Email address mccullarl@quantumms.com

Phone: (425) 776-1294

Fax: (425) 776-1073

Cell (425) 478-0856

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (C)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		2013-771-1-1		
2		1-2		
3		1-3		
4		1-4		
5		1-5		
6		1-6		
7		1-7		
8		1-8		
9		1-9		
10		1-10		
11		1-11		
12		1-12		
13		1-13		
14		1-14		
15		1-15		

	Print Below	Sign Below	Company	Date	Time
Sampled by	Kaishi Wang	<i>[Signature]</i>	NVL	9/3/13	9:00
Relinquished by	Kaishi Wang	<i>[Signature]</i>	NVL	9/3/13	17:06
Received by	<i>[Signature]</i>	<i>[Signature]</i>	NVL	9/3/13	17:00
Analyzed by	Nedra	<i>[Signature]</i>	NVL	9/6/13	10:25AM
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

Results report to

NVL Laboratories, Inc.

4708 Aurora Ave N, Seattle, WA 98103

Tel: 206.547.0100 Emerg. Cell: 206.914.4646

1.888.NVL.LABS (885.5227) www.nvllabs.com

**CHAIN of CUSTODY
SAMPLE LOG****NVL Batch ID
1314584**Client **NVL Laboratories Inc**Street **4708 Aurora Ave N****Seattle, WA 98103**Project Manager **Syed Hasan**Project Location **13310 NE 133rd Street****Kirkland, WA 98034**

NVL Batch Number

Client Job Number **2013-771**Total Samples **27**Turn Around Time ☐ 1-Hr ☐ 8-Hrs ☒ 2 ☐ 5
☐ 2-Hrs ☐ 12-Hrs ☐ 3 ☐ 6-10
☐ 4-Hrs ☐ 24-Hrs ☐ 4

Please call for TAT less than 24 Hrs

Email address **mccullar@quantumms.com**

Cell (425) 478-0856

Phone: (425) 776-1294

Fax: (425) 776-1073

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (C)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		2013-771-1-16		
2		1-17		
3		1-18		
4		1-19		
5		1-20		
6		1-21		
7		1-22		
8		1-23		
9		1-24		
10		1-25		
11		1-26		
12		1-27		
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Kasi Wang		NVL	9/3/13	900
Relinquished by	Kasi Wang		NVL	9/3/13	1700
Received by	Max		NVL	9/3/13	1700
Analyzed by	Nadia		NVL	9/5/13	10:25AM
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

Results report to

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103Attention: Mr. Kaisi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034Batch #: 1314585.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020**Lab ID: 13108949 Client Sample #: 2013-771-3-1**

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 3%
Layer 2 of 3	Description: White compacted powdery material with thin paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 17%	None Detected ND

Lab ID: 13108950 Client Sample #: 2013-771-3-2

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 3%
Layer 2 of 3	Description: White compacted powdery material with thin paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	None Detected ND
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder, Mica	Cellulose 14%	None Detected ND
			Glass fibers 3%	

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314585.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Lab ID: 13108951 Client Sample #: 2013-771-3-3

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3 Description: Off-white compacted powdery material with trace paint

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

Cellulose 2%

Chrysotile 2%

Layer 2 of 3 Description: White compacted powdery material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler

None Detected ND

Chrysotile 2%

Layer 3 of 3 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Gypsum/Binder, Mica

Cellulose 17%

None Detected ND

Glass fibers 2%

Lab ID: 13108952 Client Sample #: 2013-771-3-4

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3 Description: White compacted powdery material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Perlite

None Detected ND

None Detected ND

Layer 2 of 3 Description: White compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

None Detected ND

Chrysotile 2%

Layer 3 of 3 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Gypsum/Binder

Cellulose 14%

None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314585.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Lab ID: 13108953 Client Sample #: 2013-771-3-5

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3 Description: Off-white compacted powdery material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler

None Detected ND

Chrysotile 3%

Layer 2 of 3 Description: White thin compacted powdery material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler

None Detected ND

None Detected ND

Layer 3 of 3 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Gypsum/Binder

Cellulose 25%

None Detected ND

Lab ID: 13108954 Client Sample #: 2013-771-3-6

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3 Description: Off-white compacted powdery material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler

None Detected ND

Chrysotile 3%

Layer 2 of 3 Description: White compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

None Detected ND

Chrysotile 2%

Layer 3 of 3 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Gypsum/Binder

Cellulose 18%

None Detected ND

Lab ID: 13108955 Client Sample #: 2013-771-3-7

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Date: 09/05/2013

Reviewed by: Nick Ly

Date: 09/05/2013

Nick Ly, Technical Director

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314585.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 3	Description: Off-white compacted powdery material	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler	None Detected ND	Chrysotile 2%
Layer 2 of 3	Description: White thin compacted powdery material	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler	None Detected ND	None Detected ND
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 12%	None Detected ND

Lab ID: 13108956 Client Sample #: 2013-771-3-8

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3	Description: Trace off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 3	Description: White compacted powdery material with trace mastic	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Mastic/Binder	None Detected ND	None Detected ND
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Fine particles, Gypsum/Binder, Mica	Cellulose 10%	None Detected ND
			Glass fibers 3%	

Lab ID: 13108957 Client Sample #: 2013-771-3-9

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Sampled by: Client**Analyzed by: Nadezhda Prysyazhnyuk****Reviewed by: Nick Ly****Date: 09/05/2013****Date: 09/05/2013**
Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

NVL Laboratories, Inc



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For the scope of accreditation under NVLAP Lab Code 102063-0

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314585.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 2	Description: White compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%

Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 16%	None Detected ND

Lab ID: 13108958 Client Sample #: 2013-771-3-10

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 2	Description: White compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%

Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 12%	None Detected ND

Lab ID: 13108959 Client Sample #: 2013-771-3-11

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 2	Description: White compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%

Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 15%	None Detected ND

Lab ID: 13108960 Client Sample #: 2013-771-3-12

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Batch #: 1314585.00

Client Project #: 2013-771

Date Received: 9/3/2013

Samples Received: 27

Samples Analyzed: 27

Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Attention: Mr. Kalsi Wang

Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 3	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 3%
Layer 2 of 3	Description: White compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 2%
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder		Cellulose 10%	None Detected ND

Lab ID: 13108961	Client Sample #: 2013-771-3-13			
Location: 13310 NE 133rd Street Kirkland, WA 98034				
Comments:	Composite result for whole sample is less than 1% asbestos			
Layer 1 of 3	Description: Off-white thin compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 2%
Layer 2 of 3	Description: White compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 2%
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder		Cellulose 20%	None Detected ND

Lab ID: 13108962 **Client Sample #: 2013-771-3-14**

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 3%

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Attention: Mr. Kaisi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314585.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 2 of 3	Description: White compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 2%
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder		Cellulose 17%	None Detected ND
<hr/>				
Lab ID: 13108963	Client Sample #: 2013-771-3-15			
Location: 13310 NE 133rd Street Kirkland, WA 98034				
Comments: Composite result for whole sample is less than 1% asbestos				
Layer 1 of 2	Description: Layered white compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder		Cellulose 18%	None Detected ND
<hr/>				
Lab ID: 13108964	Client Sample #: 2013-771-3-16			
Location: 13310 NE 133rd Street Kirkland, WA 98034				
Comments: Composite result for whole sample is less than 1% asbestos				
Layer 1 of 2	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint		None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Fine particles, Gypsum/Binder		Cellulose 13%	None Detected ND
			Glass fibers 4%	

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013


Nick Ly, Technical Director

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Batch #: 1314585.00

Client Project #: 2013-771

Date Received: 9/3/2013

Samples Received: 27

Samples Analyzed: 27

Method: EPA/600/R-93/116

& EPA/600/M4-82-020

Attention: Mr. Kalsi Wang

Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Lab ID: 13108965 Client Sample #: 2013-771-3-17

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3 Description: Off-white compacted powdery material with trace paint

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

None Detected ND

Chrysotile 2%

Layer 2 of 3 Description: White compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

None Detected ND

None Detected ND

Layer 3 of 3 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Gypsum/Binder

Cellulose 16%

None Detected ND

Lab ID: 13108966 Client Sample #: 2013-771-3-18

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3 Description: Off-white compacted powdery material

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler

None Detected ND

Chrysotile 3%

Layer 2 of 3 Description: Off-white compacted powdery material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler

Cellulose 45%

None Detected ND

Layer 3 of 3 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Gypsum/Binder

Cellulose 45%

None Detected ND

Lab ID: 13108967 Client Sample #: 2013-771-3-19

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Date: 09/05/2013

Reviewed by: Nick Ly

Date: 09/05/2013


Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
Seattle, WA 98103

Batch #: 1314585.00

Client Project #: 2013-771

Date Received: 9/3/2013

Samples Received: 27

Samples Analyzed: 27

Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Attention: Mr. Kaisi Wang

Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Layer 1 of 3	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcereous particles, Binder/Filler, Paint	None Detected ND	
Layer 2 of 3	Description: White compacted powdery material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcereous particles, Binder/Filler	None Detected ND	
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 19%	
Lab ID: 13108968		Client Sample #: 2013-771-3-20		
Location: 13310 NE 133rd Street Kirkland, WA 98034				
Comments: Composite result for whole sample is less than 1% asbestos				
Layer 1 of 3	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcereous particles, Binder/Filler, Paint	None Detected ND	
Layer 2 of 3	Description: White compacted powdery material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcereous particles, Binder/Filler	None Detected ND	
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 14%	

Lab ID: 13108968 Client Sample #: 2013-771-3-20

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	
Layer 2 of 3	Description: White compacted powdery material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler	None Detected ND	
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 14%	
				None Detected ND

Lab ID: 13108969 Client Sample #: 2013-771-3-21

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3	Description: Off-white compacted powdery material with trace paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
	Calcareous particles, Binder/Filler, Paint	Cellulose 3%	Chrysotile 2%

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013


Nick Ly, Technical Director

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Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

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Seattle, WA 98103

Attention: Mr. Kalsi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314585.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 2 of 3	Description: Off-white compacted powdery material with paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 18%	None Detected ND

Lab ID: 13108970 Client Sample #: 2013-771-3-22

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3	Description: Off-white compacted powdery material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler	Cellulose 1%	Chrysotile 3%
Layer 2 of 3	Description: Off-white compacted powdery material	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler	None Detected ND	Chrysotile 2%
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 12%	None Detected ND

Lab ID: 13108971 Client Sample #: 2013-771-3-23

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 2	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 3%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials:%	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 17%	None Detected ND

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

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Batch #: 1314585.00

Client Project #: 2013-771

Date Received: 9/3/2013

Samples Received: 27

Samples Analyzed: 27

Method: EPA/600/R-93/116

& EPA/600/M4-82-020

Attention: Mr. Kaisi Wang

Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Lab ID: 13108972 Client Sample #: 2013-771-3-24

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 2 Description: Off-white thin compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

Cellulose 2%

Chrysotile 2%

Layer 2 of 2 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Gypsum/Binder, Mica

Cellulose 25%

None Detected ND

Glass fibers 2%

Lab ID: 13108973 Client Sample #: 2013-771-3-25

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 3 Description: Off-white compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

None Detected ND

Chrysotile 3%

Layer 2 of 3 Description: White compacted powdery material with paint

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Calcareous particles, Binder/Filler, Paint

None Detected ND

Chrysotile 2%

Layer 3 of 3 Description: White chalky material with paper

Non-Fibrous Materials:

Other Fibrous Materials: %

Asbestos Type: %

Fine particles, Gypsum/Binder

Cellulose 14%

None Detected ND

Glass fibers 2%

Lab ID: 13108974 Client Sample #: 2013-771-3-26

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Sampled by: Client

Analyzed by: Nadezhda Prysyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 800/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

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Client: NVL Field Services Division
Address: 4708 Aurora Ave. N.
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Attention: Mr. Kaisi Wang
Project Location: 13310 NE 133rd Street Kirkland, WA 98034

Batch #: 1314585.00
Client Project #: 2013-771
Date Received: 9/3/2013
Samples Received: 27
Samples Analyzed: 27
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Layer 1 of 3	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 3%
Layer 2 of 3	Description: White thin compacted powdery material	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler	None Detected ND	None Detected ND
Layer 3 of 3	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Fine particles, Gypsum/Binder, Mica	Cellulose 10%	None Detected ND
			Glass fibers 2%	

Lab ID: 13108975 Client Sample #: 2013-771-3-27

Location: 13310 NE 133rd Street Kirkland, WA 98034

Comments: Composite result for whole sample is less than 1% asbestos

Layer 1 of 2	Description: Off-white compacted powdery material with trace paint	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Calcareous particles, Binder/Filler, Paint	None Detected ND	Chrysotile 2%
Layer 2 of 2	Description: White chalky material with paper	Non-Fibrous Materials:	Other Fibrous Materials: %	Asbestos Type: %
		Fine particles, Gypsum/Binder	Cellulose 15%	None Detected ND
			Glass fibers 3%	

Sampled by: Client

Analyzed by: Nadezhda Prisyazhnyuk

Reviewed by: Nick Ly

Date: 09/05/2013

Date: 09/05/2013

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

NVL Laboratories, Inc.

4708 Aurora Ave N, Seattle, WA 98103

Tel: 206.547.0100 Emerg. Cell: 206.914.4646

1.888.NVL.LABS (685.5227) www.nvllabs.com

**CHAIN of CUSTODY
SAMPLE LOG****NVL Batch ID
1314585**Client **NVL Laboratories Inc**Street **4708 Aurora Ave N****Seattle, WA 98103**Project Manager **Syed Hasan**Project Location **13310 NE 133rd Street****Kirkland, WA 98034**

NVL Batch Number

Client Job Number **2013-771**Total Samples **27**Turn Around Time ☐ 1-Hr ☐ 8-Hrs ☒ 2 ☐ 5
☐ 2-Hrs ☐ 12-Hrs ☐ 3 ☐ 6-10
☐ 4-Hrs ☐ 24-Hrs ☐ 4

Please call for TAT less than 24 Hrs

Email address **mccullar@quantumms.com**

Cell (425) 478-0856

Phone: (425) 776-1294

Fax: (425) 776-1073

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		2013-771-31		
2		32		
3		33		
4		34		
5		35		
6		36		
7		37		
8		38		
9		39		
10		310		
11		311		
12		312		
13		313		
14		314		
15		315		

	Print Below	Sign Below	Company	Date	Time
Sampled by	Ka'si Wong	[Signature]	NVL	9/3/13	900
Relinquished by	Ka'si Wong	[Signature]	NVL	9/3/13	1700
Received by	M. OZ	[Signature]	NVL	9/3/13	1700
Analyzed by	Nadine	[Signature]	NVL	9/5/13	9:35 AM
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

Results report to

NVL Laboratories, Inc.

470E Aurora Ave N, Seattle, WA 98103

Tel: 206.547.0100 Emerg. Cell: 206.914.4646

1.888.NVL.LABS (685.5227) www.nvllabs.com

**CHAIN of CUSTODY
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NVL Batch Number _____

Client Job Number **2013-771**Total Samples **27**Turn Around Time ☐ 1-Hr ☐ 8-Hrs ☒ 2 ☐ 5
☐ 2-Hrs ☐ 12-Hrs ☐ 3 ☐ 6-10
☐ 4-Hrs ☐ 24-Hrs ☐ 4

Please call for TAT less than 24 Hrs

Email address **mccullar@quantumms.com**

Cell (425) 478-0856

Phone: (425) 776-1294

Fax: (425) 776-1073

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
METALS	Det. Limit	Matrix	RCRA Metals	<input type="checkbox"/> All 8	Other Metals
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Chromium (C)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Nickel (Ni)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

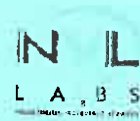
Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		2013-771-3-16		
2		3-17		
3		3-18		
4		3-19		
5		3-20		
6		3-21		
7		3-22		
8		3-23		
9		3-24		
10		3-25		
11		3-26		
12		3-27		
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	KaSi Wong		NVL	9/3/13	900
Relinquished by	KaSi Wong		NVL	9/3/13	1700
Received by	Mr. R		NVL	9/2/13	1700
Analyzed by	Nadia		NVL	9/5/13	9:35 AM
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

Results report to



Appendix C

AHERA Certifications & Laboratory Qualifications

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 102063-0

NVL Laboratories, Inc.
Seattle, WA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2012-10-01 through 2013-09-30

Effective dates



For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

NVL Laboratories, Inc.
4708 Aurora Avenue N.
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Mr. Nghiep Vi Ly
Phone: 206-547-0100 Fax: 206-634-1936
E-Mail: nick.l@nvlabs.com
URL: <http://www.nvlabs.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 102063-0

<i>NVLAP Code</i>	<i>Designation / Description</i>
18/A01	EPA-600/M4-82-020; Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2012-10-01 through 2013-09-30

Effective dates

For the National Institute of Standards and Technology

Certificate of Completion

This is to certify that

Kaisi Wang

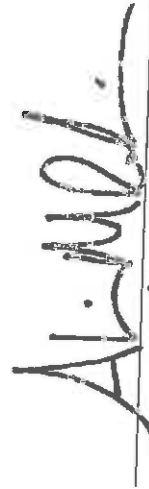
has satisfactorily completed
24 hours of training as an

Asbestos Building Inspector

to comply with the training requirements of
TSCA Title II / 40 CFR 763 (AHERA)

140300

Certificate Number



Instructor

EPA Provider Cert. Number: 1085



Jan 15 - 17, 2013

Date(s) of Training

Exam Score: NA

Expiration Date: Jan 17, 2014

Argus Pacific, Inc. • 1900 W. Nickerson, Suite 315 • Seattle, Washington • 98119 • 206.285.3373 • fax 206.285.3927

Phase I

Environmental Site Assessment

Kirkland Heights Apartments
13310 Northeast 133rd Street
Kirkland, Washington 98034

Prepared for:
King County Housing Authority
700 Andover Park West, Suite C
Seattle, Washington 98188

November 2018
PBS Project 40573.169



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SEATTLE, WA 98102
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Table of Contents

1	PROJECT AND REPORT INFORMATION	3
1.1	PBS Client Information	3
1.2	Report Purpose	3
1.3	Scope of Work	3
1.4	Conformance with ASTM E1527-13	4
1.5	Non-ASTM Method Scope of Work	4
1.6	Special Terms and Conditions	4
1.7	Client-Imposed Limitations	4
2	PROPERTY INFORMATION AND PHYSICAL SETTING	5
2.1	Site Description	5
2.2	Owner and Occupant(s)	5
2.3	Topography and Surface Features	5
2.4	Groundwater Well/Borehole Records	5
3	GOVERNMENTAL AND REGULATORY RECORDS REVIEW	6
3.1	Government Record Sources	6
3.2	Standard Environmental Record Sources	6
4	HISTORICAL RECORDS REVIEW	8
4.1	Standard Historical Sources	8
4.2	City Directories	10
4.3	Previous Environmental Assessments	10
4.4	Activity and Use Limitations	10
4.5	Data Failure	10
5	SITE RECONNAISSANCE	11
5.1	Methodology and Limiting Conditions	11
5.2	Site and Vicinity General Characteristics	11
5.3	Site Conditions and Observations	11
5.4	Observed Current Use of Adjoining Properties	12
6	INTERVIEWS	13
6.1	Interview with Client/User	13
6.2	Interview with Client/User	13
6.3	Interview with Owner	13
6.4	Interview with Previous Owner(s)	13
6.5	Interviews with Site Manager, Occupants, or Employees	13
6.6	Interviews with Others	13
7	NON-SCOPE CONSIDERATIONS	14
7.1	Potential Asbestos-Containing Building Materials	14
7.2	Potential Lead-Containing Paint	14
7.3	Other Issues	14
8	EVALUATION	15
8.1	Findings and Opinion	15
8.2	Conclusions	15

9	SIGNATURES	16
10	ASSUMPTIONS AND LIMITATIONS.....	17
10.1	Significant Assumptions.....	17
10.2	Limitations and Exceptions	17
10.3	Data Gaps	18
10.4	Client Reliance	18
11	RESOURCES	19
11.1	References	19
11.2	Glossary	20
11.3	Cross Reference for ASTM E1527-13 Requirements	24

Supporting Data

FIGURES

Figure 1. Site Vicinity Map

Figure 2. Site Plan

APPENDICES

Appendix A: Contract and Resumes

PBS Proposal to Provide a Phase I Environmental Site Assessment/Contract
Resumes/Staff Qualifications

Appendix B: Property Information and Physical Setting Records

Well Logs

Tax Map

Appendix C: Regulatory Databases and Government Records

Regulatory Database Report

Appendix D: Historical Research Records

Historical Aerial Photographs

Historical Fire Insurance Maps

Local Street Directories

Regional Archives Records

Appendix E: Site Reconnaissance Records

Field Checklist

Site Photographs

Appendix F: Questionnaires

Client/User Questionnaire

Abbreviations

The following are commonly used abbreviations in PBS Phase I Environmental Site Assessment reports. Abbreviations are defined upon first use within the text.

AAI	all appropriate inquiry
AAI	all appropriate inquiry
ACBM	asbestos-containing building material
ACM	asbestos-containing material
AST	aboveground storage tank
ASTM	ASTM International (formerly American Society for Testing and Materials)
AUL	activity and use limitation
bgs	below ground surface (depth below the ground surface)
CEG	conditionally exempt generator (of hazardous waste)
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (EPA)
CREC	controlled recognized environmental condition
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources (a regulatory database report provider)
EPA	Environmental Protection Agency
ESA	environmental site assessment
HOT	heating oil tank
HREC	historical recognized environmental condition
LCP	lead-containing paint
LQG	large-quantity generator (of hazardous waste)
LUST	leaking underground storage tank
mg/kg	milligrams per kilogram (equivalent to ppm)
MTCA	Model Toxics Control Act (Washington State)
NFA	No Further Action determination (Ecology)
NLR	no longer reporting
NonGen	non-generator of hazardous waste
PBS	PBS Engineering and Environmental Inc.
PCB	polychlorinated biphenyls
ppm	parts per million (equivalent to mg/kg)
RCRA	Resource Conservation and Recovery Act (EPA)
REC	recognized environmental condition
SQG	small-quantity generator (of hazardous waste)
USGS	United States Geological Survey
UST	underground storage tank

Executive Summary

A Phase I Environmental Site Assessment was conducted by PBS Engineering and Environmental Inc. (PBS) for the property (Site or subject property) located at 13310 Northeast 133rd Street in Kirkland, Washington. The assessment was conducted for King County Housing Authority (Client). This assessment was performed in general compliance with the ASTM International E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, approved by the EPA in November 2013, for conducting all appropriate inquiries (AAI).

This report should be read in its entirety (text and attachments) before decisions are made based on the findings provided in the Executive Summary. PBS is not responsible for utilization of less than the complete report.

Site Description and History

The site is a 14.02-acre property developed with Kirkland Heights Apartments, a low-income complex comprising 180 units within 25 two-story residential structures. In addition, there is a laundry structure, a recreation center, and a shop structure all built in 1971. The Site was in use as a farm prior to the development of the property with the current structures.

Regulatory Review

Environmental Protection Agency (EPA) and state environmental databases were reviewed to identify sites that pose a potential environmental concern to the subject property. The subject property appears on the Department of Labor and Industries Asbestos Notification Listing database. Based on a review of the listed sites, none appear to pose a significant environmental concern to the subject property.

Findings and Opinions

This Phase I ESA identified the following:

1. The EDR radius search report indicates that the property underwent asbestos abatement between 2014 and 2018. Examination or sampling of asbestos is not within the scope of the Phase I ESA, but a limited visual inspection was performed during the site reconnaissance and popcorn ceilings were observed. One unit, 12G, was recently abated according to the property manager.

Recognized Environmental Conditions (RECs), Including Controlled RECs (CRECs)

PBS has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E-1527-13 of 13310 Northeast 133rd Street in Kirkland, Washington, the subject property. Any exemptions to, or deletions from, this practice are described in section 1 of this report. This assessment has revealed no evidence of recognized environmental conditions (REC) in connection with the property.

Data Gaps

The following data gaps were identified during this study:

- PBS was unable to interview the property owner, and the owner declined to complete the PBS Property Owner/Representative Questionnaire. This questionnaire is a key resource for evaluating historical and current conditions of the Site. Lack of a property owner interview is considered a significant data gap that affects PBS' ability to reach a conclusion regarding potential recognized environmental conditions at the subject property. Based on available historical and regulatory information for the subject property, this does not impact the ability of PBS to identify recognized environmental conditions (RECs).

Additional Investigation

No additional investigation is warranted for the subject property.

Non-ASTM Scope Considerations

Non-ASTM International (ASTM) scope issues were addressed as requested by the Client and User of this report. These issues are discussed in section 0 of this report.

1 PROJECT AND REPORT INFORMATION

1.1 PBS Client Information

PBS Engineering and Environmental Inc. (PBS) conducted this assessment for King County Housing Authority (Client). The Client is considered the User, as defined by ASTM International Standard E1527-13.

This Phase I Environmental Site Assessment has been requested by King County Housing Authority to qualify for the innocent landowner defense to CERCLA liability prior to purchasing the property. This assessment was performed in general compliance with ASTM International's E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, approved by the EPA in November 2013, for conducting all appropriate inquiries (AAI).

1.2 Report Purpose

A Phase I Environmental Site Assessment (ESA) was conducted by PBS for the property located at 13310 Northeast 133rd Street in Kirkland, Washington (Site or subject property). The purpose of the Phase I ESA was to identify recognized environmental conditions associated with the subject property, and to assess the likelihood that contamination from hazardous substances or petroleum products may exist on the Site either from past or present use of the subject property or nearby properties. This study is intended to reduce, not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the subject property, within reasonable limits of time and cost.

The purpose of this study is to conduct an all appropriate inquiry into the current and previous ownership and uses of the subject property consistent with good commercial or customary practice. In so doing, the Client may qualify for one of three Landowner Liability Protections (LLP) that limit Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability. The Client must fulfill associated continuing obligations in order to maintain LLP status.

1.3 Scope of Work

The assessment was performed in general compliance with the ASTM International (ASTM) E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, approved by the Environmental Protection Agency (EPA) in November 2013. Unless noted in section 1.6 Special Terms and Conditions, the scope of work for the project included the following:

1. Identifying and visually surveying the subject property for the presence of hazardous substances and petroleum products.
2. Obtaining information from the Client through a completed disclosure questionnaire and a review of a title report, if provided by the Client.
3. Reviewing federal, state, tribal, and local agency listings using a commercial database search provider, including activity and use limitations.
4. Reviewing historical maps, historical occupant records, and the nature of past property usage.
5. Reviewing readily available soils, geology, or environmental reports for the subject property or subject property vicinity.
6. Interviewing persons knowledgeable about the subject property, including current and previous owners.
7. Preparing the report summarizing any observations, sources used, findings, conclusions, and opinions relating to the presence or likely presence of hazardous substances or petroleum products on the

subject property, including the potential for contaminants migrating to the subject property from an off-site location.

This assessment considers business environmental risks (see section 11.2 Glossary) that are not recognized environmental conditions unless the Client specifically requests otherwise. Please refer to the PBS Proposal to Provide a Phase I Environmental Site Assessment/Contract, Appendix A, for a detailed description of our scope of work.

PBS has prepared this report using information that is reasonably ascertainable; that is, information that is practically reviewable, publicly available, and obtainable from its source within reasonable time and cost constraints.

1.4 Conformance with ASTM E1527-13

This report has been formatted to maximize reader usability and comprehension. This report conforms to the requirements of ASTM E1527-13, and items indicated in Appendix X4 of the standard are included. Section 11 provides a cross-reference table that allows the reader to confirm conformance.

1.5 Non-ASTM Method Scope of Work

The following non-ASTM method issues were addressed during this study:

- A limited visual asbestos and lead-containing paint survey was completed for the buildings on the subject property (see section 7 for survey results). No samples were collected.

1.6 Special Terms and Conditions

The standard PBS Terms and Conditions are included in the PBS Proposal to Provide a Phase I Environmental Site Assessment/Contract in Appendix A; there are no special terms and conditions.

1.7 Client-Imposed Limitations

The Client did not impose limitations on PBS while completing this report.

2 PROPERTY INFORMATION AND PHYSICAL SETTING

2.1 Site Description

Site Address:	13310 Northeast 133rd Street, Kirkland, Washington 98034
Tax Lot:	King County Assessor ID 292605-9034
Township, Range, Section:	Township 26 Range 5, SW ¼ of Section 22, Willamette Base and Meridian
Size:	Approximately 14.02 acres
Current Use:	Kirkland Heights Apartments; multi-family low-income housing

Tax lot information was obtained from the King County online maps resource¹ on October 22, 2018.

A Site Vicinity Map and Site Plan are included with this report under Figures. A copy of the county assessor's tax map is included in Appendix B.

2.2 Owner and Occupant(s)

Current Owner:	Aero Kirkland Association
Previous Owner:	Unknown
Property Manager:	Quantum Management Services
Current Occupant(s):	Low-income multi-family residents

2.3 Topography and Surface Features

The US Geological Survey 7.5-minute topographic map (Kirkland Quadrangle, 2017; see Figure 1) for the Site indicates the property slopes gently to the south. The subject property elevation is approximately 330 feet above mean sea level.

The topographic map indicated that the nearest surface water, Totem Lake, is located approximately 0.78 miles southwest from the subject property.

2.4 Groundwater Well/Borehole Records

Ecology's well log database² provides logs for water wells, monitoring wells, and geotechnical borings along with decommissioned well reports and other records. This database was reviewed by PBS on October 29, 2018. Records for the nearby wells indicate that groundwater was first encountered at 25 feet below ground surface (bgs). The lithologies noted in the well logs indicate 2.5 feet of topsoil underlain by sandy silt to depths greater than 50 feet bgs. Copies of the reviewed logs are included in Appendix B.

Based on topography, the direction of shallow unconfined groundwater flow is expected to be toward the west; therefore, properties to the east are considered upgradient to the subject property.

¹ <http://www.kingcounty.gov/operations/GIS/Maps/iMAP.aspx>

² <https://fortress.wa.gov/ecy/waterresources/map/WCLSWebMap/default.aspx>

3 GOVERNMENTAL AND REGULATORY RECORDS REVIEW

3.1 Government Record Sources

Washington State Department of Ecology (Ecology) Online Facility Profiler

Ecology maintains an online database³ of state cleanup and federal Superfund sites, hazardous waste generators, underground storage tanks, solid waste facilities, and other environmental concerns. This website was reviewed by PBS on October 19, 2018. The subject property was not listed. No adjoining or nearby properties were listed.

City of Kirkland Public Records

PBS submitted a public records request with the City of Kirkland's Public Records Request Portal⁴ on October 22, 2018 requesting building records as well as UST and hazardous material incident records. PBS received a response from Kirkland Public Records on October 22, 2018. No records of underground or aboveground storage tank permits were on file for the subject property. In addition, no hazardous material incidents were on file. According to the City, the subject property was built in 1971 and annexed by Kirkland in 2011.

Underground Injection Controls

Ecology maintains an online database for registered UICs.⁵ This database was reviewed by PBS on October 19, 2018. No records of UICs were on file for the subject property or adjacent properties.

Other Government Records

No other local government records were reviewed for this assessment.

3.2 Standard Environmental Record Sources

A search of EPA, state, and tribal environmental database listings was performed by a commercial database search provider (a copy of the database search report is included in Appendix C). The purpose of this search was to identify potential, suspected, or known sources of contamination on or in the area of the subject property. Various agency listings were searched for different approximate minimum search distances from the subject property as established in the ASTM method. Listings included publicly available databases of environmental liens, activity and use limitations, and easements and equitable servitudes, if recorded or filed.

If the Site and/or adjacent properties are identified in the regulatory database report, the information is summarized below. Regulatory data for surrounding properties that may pose a potential risk to the subject property are also included. Other properties listed in the database report are not considered to be of environmental concern to the Site based on presumed groundwater flow direction, distance from the subject property, regulatory status (for example, the agency file is closed), or other physical factors.

The commercial database report may also include proprietary data derived from historical city directories. These can include historical dry cleaners/laundries and automobile stations (gas stations, automobile repair shops, auto body shops). These are non-regulatory listings and are included as historical information.

³ <https://fortress.wa.gov/ecy/neighborhood/>

⁴ https://www.kirklandwa.gov/depart/Finance_and_Administration/Public_Records/Public_Records_Request/PRRPortal.htm

⁵ <https://fortress.wa.gov/ecy/uicsearch/>

Subject Property

Address:	13310 Northeast 133 rd Street	Program #:	NA
Kirkland Heights Apartments is listed as an Asbestos site. The property reportedly received abatement in several events from 2014 to 2017. The contractor was American Environmental Construction LLC and the owner of the property is listed as Quantum Management Services.			

Adjoining Properties

No adjoining properties appear on the regulatory database report that present an environmental concern to the subject property.

Surrounding Properties

No nearby properties appear on the regulatory database report that present an environmental concern to the subject property.

Unmappable Sites

No unmappable sites were listed in the database report.

4 HISTORICAL RECORDS REVIEW

4.1 Standard Historical Sources

ASTM E1527-13 indicates that review of standard historical sources at less than approximately five-year intervals is not required by this practice. If the specific use of the property appears unchanged over a period longer than five years, then it is not required by this practice to research the use during that period.

The following standard sources were reviewed:

- Aerial photographs were obtained from EDR aerial photograph collection.
- Sanborn fire insurance maps were obtained from EDR's Sanborn Collection. No Sanborn coverage is available for the subject property.
- Topographic maps were obtained from EDR Topographic Maps
- Commercial Folio was obtained from Washington State Puget Sound Regional Archives (http://www.sos.wa.gov/archives/archives_puget.aspx).

No other historical records were reviewed for this assessment.

The table below summarizes the information gathered from the sources listed above. Data obtained from other sources reviewed for this Phase I ESA may also be included in the following tables in order to identify potential historical data failures.

Copies of the reviewed records are included in Appendix D.

Year	Source	Description
1895-1897	Topographic maps	<u>Subject Property</u> : The subject property is undeveloped. <u>Adjoining Properties</u> : All adjoining properties are undeveloped.
1941	Aerial photograph	<u>Subject Property</u> : The subject property appears to be in use by a farm. <u>Adjoining Properties</u> : All adjoining properties are in use as farms or single-family residences.
1944	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : No significant changes are noted.
1950	Topographic map	<u>Subject Property</u> : No significant changes are noted. The map displays two structures on the subject property. <u>Adjoining Properties</u> : No significant changes are noted.
1952	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : No significant changes are noted.

Year	Source	Description
1965	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : No significant changes are noted.
1968	Aerial photograph, topographic map	<u>Subject property</u> : No significant changes are noted <u>Adjoining properties</u> : A single-family residence has been developed to the northeast of the subject property.
1973	Topographic map	<u>Subject Property</u> : The current apartment complex has been developed and the subject property is in its current configuration. <u>Adjoining Properties</u> : An additional single-family residence has been developed to the south of the subject property.
1977	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : No significant changes are noted.
1980	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : An additional single-family residence has been developed to the east and a neighborhood of single-family homes has been developed to the southwest of the subject property.
1985	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : Additional single-family homes have been developed to the south of the subject property.
1990	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : The current church has been developed to the south and west of the subject property.
2006	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : A neighborhood of single-family homes has been built to the north of the subject property. The current multi-family structures have been developed to the west and the northwest of the subject property.
2009	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : No significant changes are noted.

Year	Source	Description
2013	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : A neighborhood of single-family homes is under construction to the east of the subject property.
2017	Aerial photograph	<u>Subject Property</u> : No significant changes are noted. <u>Adjoining Properties</u> : An additional neighborhood of single-family homes is under construction to the east of the subject property.

Summary of Property Use from Historical Sources

The subject property was in use as a farm prior to development of the current multi-family structures in 1971.

By 1941, the adjacent properties were in use as farms and a few single-family residences. Through the 1950's, 1960's, 1970's and 1980's the farms were replaced with single-family homes. In the 1980's the property to the southwest was developed with a church. In the 2000's and 2010's many old single-family homes were replaced with neighborhoods of single-family homes.

4.2 City Directories

City directories were searched using EDR. A listing of the directory listings is included in Appendix D. A summary of the findings is presented below.

The property is first listed in the 1977 city directory and is listed with the names of occupants. The historical directories did not identify listings of potential concern at adjacent properties.

4.3 Previous Environmental Assessments

No previous environmental assessments were identified by PBS for the subject property.

4.4 Activity and Use Limitations

PBS did not identify environmental liens, AULs, or easements and equitable servitudes on the subject property during this study.

4.5 Data Failure

No data failure was encountered. The historical objectives in ASTM E1527-13 Sections 8.3.1 through 8.3.2.2 were achieved.

5 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

The site reconnaissance was conducted by Kyle Johnson, GIT, on November 1, 2018 to observe and document site conditions and visible indications of existing environmental conditions.

All exterior areas of the subject property were accessed, as well as 18 residential units (10% of the total), the laundry room, the recreation center, and the maintenance shop.

Photographs of the Site are included in Appendix E.

5.2 Site and Vicinity General Characteristics

The site is a 14.02-acre property developed with Kirkland Heights Apartments, a low-income complex comprising 180 units within 25 two-story residential structures. In addition, there is a laundry structure, a recreation center, and a shop structure all built in 1971.

Site Operations/Processes

The Site is used as multi-family housing for low-income families.

Exterior Improvements

The subject property is bisected by a road, NE 133rd Street / 135th Avenue NE, which provides access to eight resident parking lots. Two additional parking lots are accessed from NE 132nd Street to the south. Playgrounds, picnic areas, and grassy common spaces make up the remainder of the property. The east side of the property is used as a playfield.

Utilities

Water Supply:	Seattle Public Utilities
Sewage System:	Kirkland Public Works
Stormwater:	Overland flow to on-site and off-site catch basins
Heating Source:	Electric baseboard

5.3 Site Conditions and Observations

Note: The PBS Field Checklist, Appendix E, may detail additional field observations not described below.

Aboveground and Underground Storage Tanks

No indications of ASTs or USTs, such as vent pipes or fill pipes, were observed on the subject property's grounds during the site reconnaissance.

Drywells, Injection Wells, Septic Systems

None of these features were observed and/or known to be present on the subject property.

Floor Drains, Catch Basins, Sumps, Oil/Water Separators

Floor drains are present in the laundry room and ten stormwater catch basins were observed in the on-site road and parking lots.

Improper Dumping/Solid Waste Disposal

No indications of improper solid waste disposal were observed during the site reconnaissance.

Pits, Ponds, Lagoons, Surface Impoundments

None of these features were observed on the subject property.

Polychlorinated Biphenyls (PCBs)

PCBs were once used in the manufacture of electrical equipment (transformers) and hydraulic fluids. Now considered hazardous substances under CERCLA rules, the manufacture of PCBs was banned in 1979.

Examination or sampling of individual building components or fixtures for PCBs is not within the scope of the Phase I ESA and no PCB-containing components were observed.

Stains, Sheens, Odors

None of these conditions were observed on the subject property.

Wells

Water supply wells and monitoring wells were not observed on the subject property.

Other Conditions of Concern

No other conditions of concern were observed on the subject property during the site reconnaissance.

5.4 Observed Current Use of Adjoining Properties

- North: Single-family residences
- South: Single family residences
- East: Crestline Apartments and single-family residences
- West: The Carolyn Apartments and a church

These properties were viewed from the subject property or the nearest public right-of-way. No conditions of environmental concern were observed.

6 INTERVIEWS

The section below summarizes information obtained from interviews and questionnaires completed by the Client/User, property owner, and/or other key personnel.

6.1 Interview with Client/User

The section below summarizes information obtained from interviews and questionnaires completed by the Client/User, property owner, and/or other key personnel.

6.2 Interview with Client/User

A written questionnaire regarding the subject property was completed by Beth Pearson, Director of Real Estate Initiatives with King County Housing Authority. Information obtained from the questionnaire is summarized below. A copy of the questionnaire is provided in Appendix F.

Ms. Pearson is not aware of environmental liens against the subject property or activity and use limitations related to environmental conditions.

Ms. Pearson does not have specialized knowledge or experience that may be material to the identification of recognized environmental conditions on the subject property.

6.3 Interview with Owner

The PBS standard Property Owner/Representative Questionnaire was not completed by the property owner. However, based on available historical and regulatory information for the subject property, this does not impact the ability of PBS to identify recognized environmental conditions (RECs).

6.4 Interview with Previous Owner(s)

An interview with the previous owner was not completed. However, based on available historical and regulatory information for the subject property, this does not impact the ability of PBS to identify recognized environmental conditions (RECs).

6.5 Interviews with Site Manager, Occupants, or Employees

The subject property is managed by Quantum Property Management. PBS interviewed on-site maintenance personnel, who did not indicate any environmental concerns for the subject property.

6.6 Interviews with Others

No other interviews were conducted for this report.

7 NON-SCOPE CONSIDERATIONS

Non-scope considerations are issues or conditions at the subject property that could pose a business risk to an owner or prospective purchaser but are not included in a standard Phase I ESA. These issues are considered out-of-scope for ASTM E1527-13 and are not required by EPA all appropriate inquiry standards.

PBS completed limited visual inspection for suspect hazardous materials, including asbestos containing materials, lead-containing paint and mold at the property during the site reconnaissance on November 1, 2018, at the Client's request. PBS entered 10% of the units at the property including: 1F, 1G, 3B, 3D, 5B, 5E, 7C, 8B, 8F, 9A, 9B, 11A, 12G, 17C, 18A, 20B, 20H, and 25C. Popcorn ceilings and vinyl flooring were observed throughout the buildings.

7.1 Potential Asbestos-Containing Building Materials

Asbestos is a naturally occurring fibrous mineral that was used in thousands of different building materials. Some of these materials include fireproofing, pipe and boiler insulation, floor coverings, adhesives, wall finishes, and roofing products. Inhalation of asbestos fibers has been linked to serious lung ailments such as lung cancer and mesothelioma. Consequently, the use of asbestos in many building products has been banned since the late 1970s and were used as early as the 1930s.

The facilities on the subject property were constructed in 1969. Renovation or building improvements over the years may have removed or reduced the potential for ACM. Popcorn ceilings were observed in all entered units. As such, the building materials at the site are considered to have a high potential to contain asbestos.

7.2 Potential Lead-Containing Paint

The distribution of lead-based paints was banned in the United States in 1979. The subject property was constructed in 1969. Lead-containing paint may be present on siding, window or door frames, and other painted interior surfaces.

7.3 Other Issues

No other non-scope issues were observed during the site walk.

8 EVALUATION

The sections below present the findings, opinion, and conclusions of this Phase I ESA.

8.1 Findings and Opinion

This Phase I ESA identified the following:

1. The EDR radius search report indicates that the property underwent asbestos abatement between 2014 and 2018. Examination or sampling of asbestos is not within the scope of the Phase I ESA, but a limited visual inspection was performed during the site reconnaissance and popcorn ceilings were observed. One unit, 12G, was recently abated according to the property manager.

8.2 Conclusions

PBS has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E-1527-13 of 13310 Northeast 133rd Street in Kirkland, Washington, the subject property. Any exemptions to, or deletions from, this practice are described in section 1 of this report. This assessment has revealed no evidence of recognized environmental conditions (REC) in connection with the property.

Data Gaps

The following data gaps were identified during this study:

- PBS was unable to interview the property owner, and the owner declined to complete the PBS Property Owner/Representative Questionnaire. This questionnaire is a key resource for evaluating historical and current conditions of the Site. Lack of a property owner interview is considered a significant data gap that affects PBS' ability to reach a conclusion regarding potential recognized environmental conditions at the subject property. Based on available historical and regulatory information for the subject property, this does not impact the ability of PBS to identify recognized environmental conditions (RECs).

Additional Investigation

No additional investigation is warranted for the subject property.

9 SIGNATURES

PBS respectfully submits the results of our Phase I Environmental Site Assessment. We appreciate the opportunity to provide our recommendations for your project. If you have additional concerns, please do not hesitate to contact us at 206.233.9639.

Sincerely,

PBS Engineering and Environmental Inc.

 Digitally signed by Kyle
Johnson
Date: 2018.11.09
13:09:01 -08'00'

Kyle Johnson, GIT
PBS Staff Geologist

Date

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

 Digitally signed by Megan
Nogeire
Date: 2018.11.09 13:57:55
-08'00'

Megan Nogeire
PBS Project Scientist

Date

10 ASSUMPTIONS AND LIMITATIONS

10.1 Significant Assumptions

Client's Responsibilities

It is assumed that the User has provided PBS with title and lien records, actual knowledge of environmental liens or activity and use limitations encumbering the property, any specialized knowledge or experience material to recognized environmental conditions in connection with the property, any commonly known or reasonably ascertainable information material to recognized environmental conditions on the property, and the reason why the property may have a significantly lower purchase price than comparable properties, if applicable (User Responsibilities, ASTM E1527-13, Section 6.0).

It is further assumed that the Client will read this report in its entirety (text and attachments) before making decisions based on the findings of the report.

Groundwater Flow

Groundwater flow direction has been determined based on topography in the area of the subject property; the assumption is that shallow groundwater flow will follow topography. No site-specific field measurements of groundwater flow direction (such as installation of groundwater monitoring wells) have been performed.

Based on this interpretation, PBS has reviewed regulatory agency information for sites located in a presumed upgradient direction that, based on proximity and knowledge of potential contaminant fate and transport, may potentially impact the subject property.

Accuracy and Completeness

The public records search is performed by PBS with the understanding that such records may be inaccurate or incomplete, and that the ability of public agencies to retrieve records may be variable or inconsistent over time. Similarly, PBS interviews of knowledgeable persons are performed in good faith that information provided is reasonably accurate and truthful. It may not always be feasible or appropriate for PBS to determine the accuracy of conflicting information, and this determination is pursued at the environmental professional's discretion.

10.2 Limitations and Exceptions

Unless noted elsewhere in this proposal, the scope of work for the project does not address a number of potentially significant environmental issues including, but not limited to, hazardous materials audit, environmental compliance, vapor encroachment assessment per ASTM standard E2600-10, formaldehyde, radon, asbestos-containing building materials, PCBs, lead-containing paint, mold, wetlands and other land use issues, drinking water quality, geotechnical or geologic hazards, nor does it include subsurface exploration or chemical screening of soil and groundwater beneath the subject property.

Recognized environmental conditions are defined in paragraph 3.2.78 of ASTM E1527-13 and the complete text is included in the glossary of this document. The vague and ambiguous nature of recognized environmental conditions as defined by the ASTM standard may result in reasonable minds differing as to whether any observed condition at a site is a recognized environmental condition. There may be other conditions noted in this report that could be considered recognized environmental conditions by other persons. Accordingly, the Client is advised that no warranty is given that other experts may agree that site conditions noted herein are recognized environmental conditions. Users of this report are encouraged to review the report in its entirety and specifically to consider all site conditions described and not merely those classified herein as recognized environmental conditions.

When an assessment is completed without surface exploration or chemical screening of soil and groundwater beneath the subject property, as in this study, no statement of scientific certainty can be made regarding latent subsurface conditions that may be the result of on-site or off-site sources. PBS is not able to represent that the Site or adjoining land contains no hazardous substances including petroleum, or other latent conditions beyond that identified by PBS during the study. The possibility always exists for contaminants to migrate undetected through surface water, air, soil, soil gas, or groundwater. The ability to accurately address the environmental risk associated with transport in these media is beyond the scope of this study.

The findings and conclusions of this report are not scientific certainties but are based on professional judgment concerning the significance of the data gathered during the course of the Phase I ESA. The conclusions in this report are not to be considered a legal opinion or advice as to the Client's duty concerning due diligence and all appropriate inquiry relating to potential liabilities in leasing, owning, or purchasing real estate.

The ASTM method does not require a search interval of fewer than five years; this search interval is not guaranteed to identify all prior tenants or occupants of the subject property (please refer to the Summary and Chronology of Standard Historical Resources table in 5.2 for search intervals achieved for this report.) The PBS investigator reviewed sources that are publicly available, available within a reasonable time and cost, and reasonably ascertainable and considered practically reviewable, as defined under the ASTM standard. In addition, these criteria are applied keeping in mind sources that are likely to provide information concerning possible recognized environmental conditions at the subject property. PBS has reviewed sources of information that we consider meeting these criteria. In cases where the history of the subject property is not traced prior to its first-developed use, this condition is considered a data failure and not an exception to the required scope of work. If the data failure represents a significant data gap, this will be discussed in the report.

10.3 Data Gaps

A data gap results from a lack of, or inability to, obtain information required by the ASTM method, despite good faith efforts to gather such information. Our report identifies and comments on significant data gaps that have affected our ability to identify recognized environmental conditions.

10.4 Client Reliance

PBS acknowledges that only the Client (User of the report) may rely upon the information, findings, opinions, and conclusions set forth in this report, subject to the conditions and limitations contained in this report, and as set forth in our contract. This report is for the exclusive use of the User and is not to be relied upon by other parties unless specifically indicated. Reliance on this report by other parties will require a fee from those parties, and a written agreement from PBS, and will be subject to the same conditions and limitations contained in the contract between PBS and the User. Any other use of, or reliance on, this report by any third party is at that party's sole risk.

This report was prepared with the standard of care and skill ordinarily recognized under similar circumstances by members of its profession in the state and region at the time the services are performed. No warranties, expressed or implied, are made.

This report provides information on the subject property only as specified in the scope of work based on conditions at the time of the study. Additional information may become available that differs significantly from our understanding of conditions presented in this report. If this occurs, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

11 RESOURCES

11.1 References

Many references, primarily internet-based and governmental resources, are cited within the text of this report and are not repeated on this page.

11.2 Glossary

Note: Definitions without a specific citation are derived from PBS project and industry experience.

Abandoned Property. A property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property. (ASTM E1527-13, Section 3.2.1)

Activity and Use Limitations (AULs). Legal (institutional) or physical (engineering) restrictions or limitations on the use of, or access to, a site or facility, to reduce or eliminate potential exposure to hazardous substances or petroleum products in soil or groundwater, or to prevent activities that could interfere with the effectiveness of a response action in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or ground water on the property. (ASTM E1527-13, Section 3.2.2)

Adjoining Properties. Any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with the property but for a street, road, or other public thoroughfare separating them. (ASTM E1527-13, Section 3.2.4)

All Appropriate Inquiry (AAI). That inquiry constituting “All Appropriate Inquiry” into the previous ownership and uses of the property consistent with good commercial or customary practice, as defined in CERCLA, 42 U.S.C. §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of the threshold criteria for satisfying the LLPs to the CERCLA liability (42 U.S.C. §9601(35)(A)&(B), §9607 (b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. (ASTM E1527-13, Section 3.2.6)

Approximate Minimum Search Distance. The area for which records must be obtained and reviewed pursuant to Section 8 of ASTM Standard Practice E1527-13 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties. (ASTM E1527-13, Section 3.2.7)

Business Environmental Risk. A risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations some of which are identified in the report (ASTM E1527-13, Section 3.2.11)

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA), 42 USC 9601 et seq. (ASTM E1527-13, Section 3.3.2)

Contaminated Aquifer Policy: Oregon and Washington environmental agencies will not hold a property owner liable for groundwater contamination that has migrated from an upgradient property. This indemnity is granted under the assumption that the property owner is not responsible for the release of the contamination, is not financially associated with the property from which the contamination originated, and did nothing to exacerbate the problem. Certain restrictions might be placed on the use of groundwater on the site (such as an irrigation or drinking water well could not be installed on the property). The property owner should ensure that the contamination does not present a health risk to on-site occupants. (5/20/04 DEQ Contaminated Aquifer policy, Washington RCW 70.105D.020(17)(iii)F(iv))

Continuing Obligations. After completion of an AAI-compliant Phase I ESA, there are continuing obligations of the User required under 2002 Brownfields Amendment to maintain landowner liability protections. These include:

1. Complying with land use restrictions and not impeding the effectiveness or integrity of institutional controls.
2. Taking “reasonable steps” with respect to hazardous substances affecting a landowner’s property to stop continuing releases, prevent threatened future releases, and prevent exposure to earlier releases.
3. Providing cooperation, assistance, and access to the EPA, a state, or other party conducting response actions or natural resource restoration at the property.
4. Complying with CERCLA information requests and administrative subpoenas.
5. Providing legally required notices relating to the discovery or release of hazardous substances on the property (40 CFR Part 312, Section II – Background, Item D).

Controlled Recognized Environmental Condition (CREC). A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (See ASTM Note 2.) A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. (See ASTM Note 3.) (ASTM E1527-13, Section 3.2.18)

ASTM Note 2: For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The “control” is represented by the restriction that the property use remains commercial.

ASTM Note 3: A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.

Data Failure. A failure to achieve the historical research objectives in Section 8.3.1 through 8.3.2.2 of ASTM E1527-13 even after reviewing standard historical sources in 8.3.4.1 through 8.3.4.8 of ASTM E1527-13 that are reasonably ascertainable and likely to be useful. Data failure is a type of data gap. (ASTM E1527-13, Section 3.2.20)

Data Gap. A lack of, or inability to obtain required information by ASTM E1527-13 despite good faith efforts to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). The report will identify and comment on significant data gaps that affect the ability of the EP to identify recognized environmental conditions. (ASTM E1527-13, Section 3.2.21)

De minimis Condition. Condition that generally does not present a material risk of harm to public health or the environment or that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.

Environmental Professional. A person meeting the education, training, and experience requirements set forth in 40 CFR §312.10(b). That person may be an independent contractor or an employee of the User. (ASTM E1527-13, Section 3.2.32)

Hazardous Substance. A substance defined as a hazardous substance pursuant to CERCLA 42 USC §9601 (14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to Section 1321 (b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to Section 9602 of this title, (C) any hazardous waste having the characteristics identified under or pursuant to Section 3001 of the Solid Waste Disposal Act (42 USC 6921) (but not including any waste the regulation of which under the Solid Waste Disposal Act (42 USC §9601 et seq.) has been suspended by act of Congress), (D) any toxic pollutant listed under Section 1317(a) of Title 33, (E) any hazardous air pollutant listed under Section 112 of the Clean Air Act (42 USC 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the administrator (of EPA) has taken action pursuant to Section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (ASTM E1527-13, Section 3.2.39)

PBS Note: The term hazardous substances, as it is used in this report, describes both hazardous substances and petroleum products. It does not include hazardous building materials.

Historical Recognized Environmental Condition (HREC). A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition. (ASTM E1527-13, Section 3.2.42)

Landowner Liability Protections (LLPs). Landowner liability protections provided under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§ 9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r). (ASTM E1527-13, Section 3.2.49)

Other Issues of Concern. Issues that could potentially result in adverse environmental impacts to the subject property. They are not included as recognized environmental conditions because insufficient evidence was collected during the course of this study to come to the conclusion that the condition(s) has resulted in the "presence or likely presence" of contamination to soil and/or groundwater on the subject property.

Petroleum Products. Those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA; that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.) (ASTM E1527-13, Section 3.2.65)

Practically Reviewable. Information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the User can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable. (ASTM E1527-13, Section 3.2.69)

Publicly Available. Information that is publicly available means that the source of the information allows access to the information by anyone upon request. (ASTM E1527-13, Section 3.2.72)

Reasonably Ascertainable. Information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable. (ASTM E1527-13, Section 3.2.77)

Recognized Environmental Condition (REC). The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to 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. (ASTM E1527-13, Section 3.2.78)

Subject Property (ASTM standard uses the term Property). The real property that is the subject of this Environmental Site Assessment. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land. (ASTM E1527-13, Section 3.2.70)

User. The party seeking to use ASTM Practice E1527 to complete an Environmental Site Assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The User has specific obligations for completing a successful application of this practice as outlined in Section 6 of Practice E1527. (ASTM E1527-13, Section 3.2.98)

11.3 Cross Reference for ASTM E1527-13 Requirements

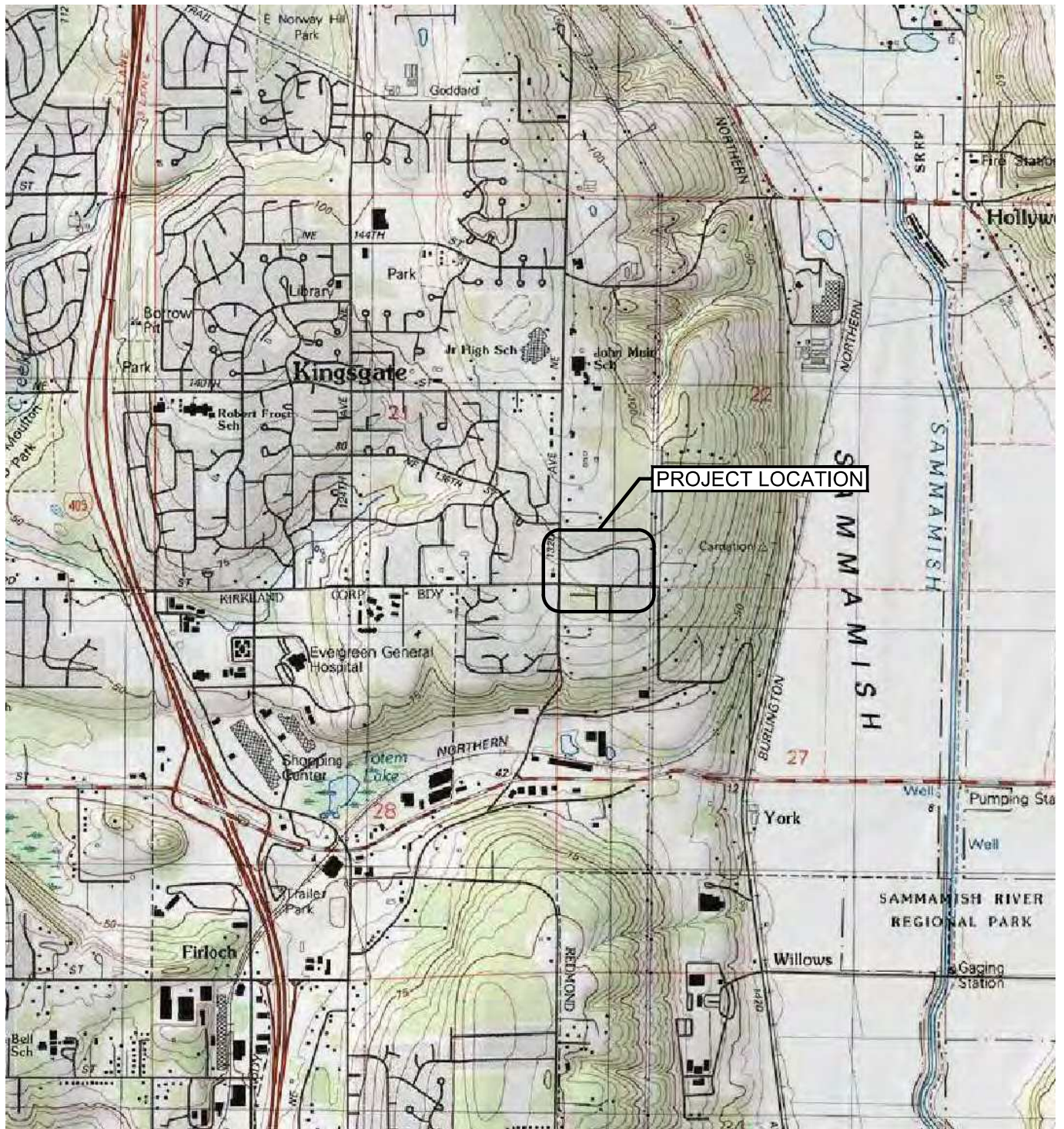
This table provides an easy cross reference for ensuring that the PBS Phase I ESA report complies with ASTM E1527-13. The ASTM recommended format is found in Appendix X4 of the standard.

ASTM Recommended Format	Provided in PBS Report Page/Section Number
X4.1 Summary	Executive Summary
X4.2 Introduction	Sections 1 and 2
X4.3 User Provided Information	Sections 1, 4 and 6, Appendix F
X4.4 Records Review	Sections 3 and 4, Appendices B, C, and D
X4.5 Site Reconnaissance	Section 5, Appendix E
X4.6 Interviews	Section 6
X4.7 Evaluation	Section 8
X4.8 Non-Scope Services	7
X4.9 Appendices	Appendices A, B, C, D, E, and F

FIGURES

Figure 1. Site Vicinity Map

Figure 2. Site Plan



SOURCE: USGS BELLEVUE NORTH W, WA QUADRANGLE 1979, PHOTO REVISED 1982.



SCALE 1" = 2000'

0' 1,000' 2,000' 4,000'

PREPARED FOR: KING COUNTY HOUSING AUTHORITY

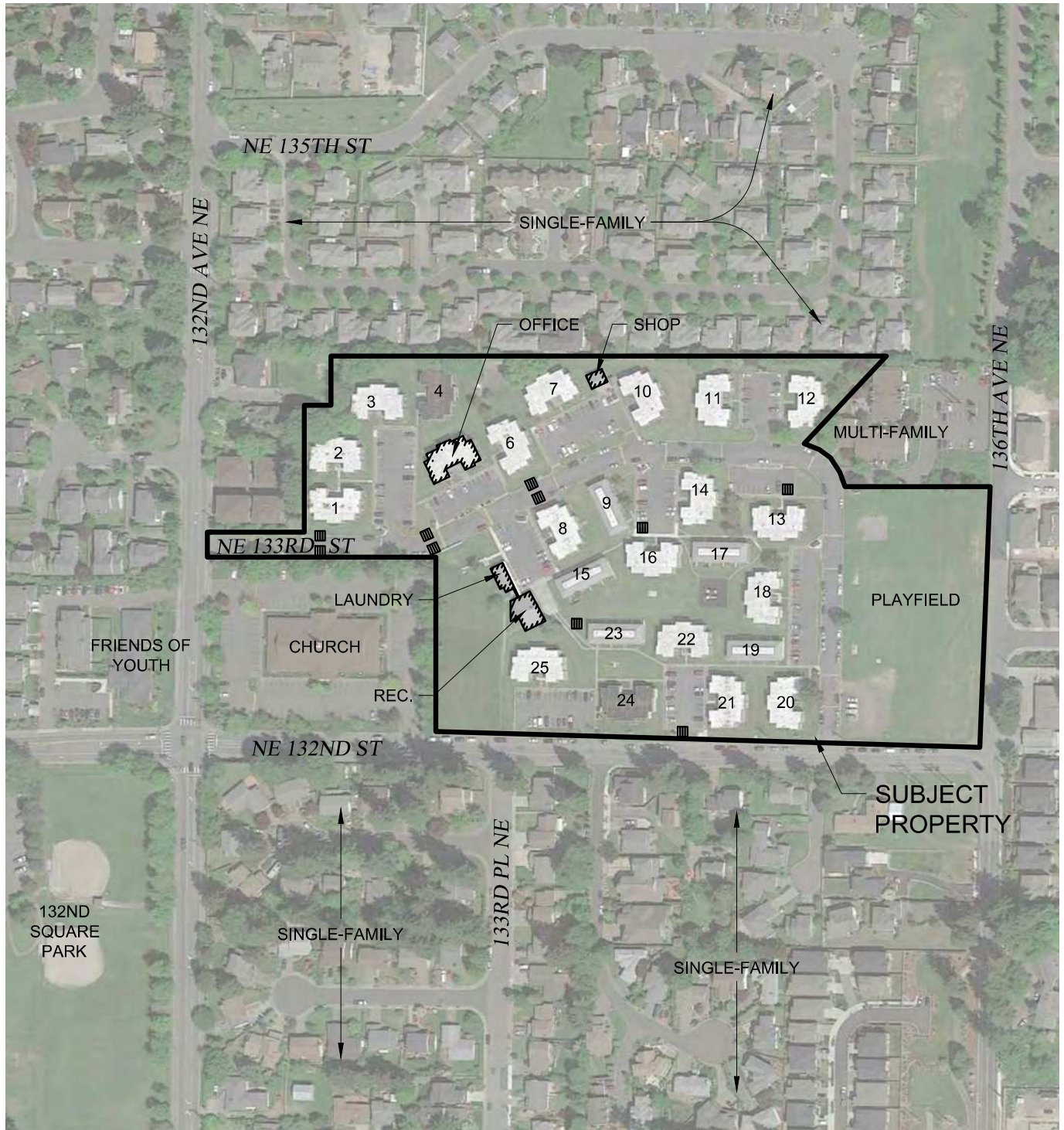


VICINITY MAP
KIRKLAND HEIGHTS APARTMENTS
13310 NORTHEAST 133RD STREET
KIRKLAND, WASHINGTON

NOV 2018
40573.169

FIGURE

1



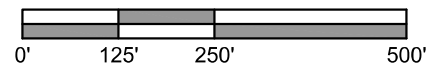
SOURCE: © 2018 GOOGLE EARTH PRO

LEGEND

■ CATCH BASIN



SCALE 1" = 250'



PREPARED FOR: KING COUNTY HOUSING AUTHORITY



SITE PLAN
KIRKLAND HEIGHTS APARTMENTS
13310 NORTHEAST 133RD STREET
KIRKLAND, WASHINGTON

NOV 2018
40573.169

FIGURE

2

APPENDIX A

Contract and Resumes

PBS Proposal to Provide a Phase I Environmental Site Assessment / Contract
Resumes/Staff Qualifications

**KING COUNTY HOUSING AUTHORITY
GENERAL PROFESSIONAL SERVICES CONTRACT REQUIRING TRAVEL
FOR PROJECTS VALUED AT \$10,000 OR LESS.
(Aerospace Machinists Portfolio – Kirkland Heights)**

This Agreement is made and entered into by and between the King County Housing Authority, a body corporate and politic created under Washington State Law, (hereinafter called the "KCHA"); and PBS Engineering and Environmental Inc., a corporation organized and existing under the laws of the State of Washington (hereinafter called "Consultant").

Duration and Value of contract: This contract shall begin on October 15, 2018 and end on December 31, 2018. The value of this contract shall not exceed (\$3,600) which is the quote on the attached Scope of Work.

Scope of Work: See attached scope of work which relates to Kirkland Heights Apartments, 13310 NE 133rd St, Kirkland, WA 98034. Phase I report shall be delivered on or before November 9, 2018.

Method of payment: Consultant shall submit to KCHA an invoice for work performed every thirty days. KCHA shall make payment to the consultant within 30 days of receipt of the invoice.

Independent contractor: The Consultant and KCHA agree that the Consultant is an independent contractor with respect to the services provided pursuant to this Contract. KCHA shall not be responsible for withholding or otherwise deducting federal income tax or social security or contributing to the State Industrial Insurance Program, or otherwise assuming the duties of an employer with respect to the Consultant, or any employees of the Consultant.

Doing business with KCHA: Consultant shall be licensed where applicable and carry insurance as specified below. Consultant must be current on all Federal & State taxes including industrial insurance payments to L&I, when applicable. Consultant shall comply with the Fair Housing/Accessibility Notice. (To read the full text of this Notice go to www.kcha.org)

Insurance: Consultant shall maintain limits no less than:

- A. General Liability: \$1,000,000 per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
- B. Automobile Liability: \$1,000,000 per accident for bodily injury and property damage.
- C. Employer's Liability: \$1,000,000 per accident for bodily injury or disease.

Assignment: This contract may not be assigned to another party without the express written consent of KCHA.

Termination: This contract may be terminated by either party without cause with a 30 day written notice.

Non-discrimination: Consultant shall comply with all applicable equal opportunity and nondiscrimination laws, Federal, State and Local.

Indemnification: Consultant agrees to indemnify, defend and hold harmless KCHA, its officials, officers, employees, partners, agents and volunteers (all foregoing singly and collectively), of and from any and all claims, actions, causes of actions, liability and demands by reason of any (i) personal injury, (ii) bodily injury (including death) and (iii) property damage and loss, arising in connection with the Contract or resulting from the Consultant's act or omission thereunder. Consultant and KCHA agree the language used herein shall be accorded the broadest possible interpretation in favor of indemnity. When applicable, all foregoing is specifically and expressly intended to constitute Consultant's waiver of the immunity under Washington's Industrial Insurance Act, RCW Title 51, which was mutually negotiated and agreed upon.

Compliance with laws: Consultant shall comply with all applicable federal and state laws, county and city ordinances and any implementing regulations affecting its performance of this contract.

Record keeping: Consultant shall maintain, for at least six (6) years after the expiration or termination of this Contract, relevant records and information necessary to document all Consultant solicitations to sub-consultants and suppliers, all sub-consultant and supplier proposals received, and all sub-consultants and suppliers actually utilized under this Agreement. KCHA shall have the right to inspect and copy such records.

Audit: Consultant shall permit KCHA and any other governmental agency involved in the funding of this contract, to inspect and audit all pertinent books and records of the Consultant, any subconsultant, or any other person or entity that performed work in connection with or related to this contract up to six years after the final payment for services rendered.

Applicable Law/Venue: This Contract shall be construed and interpreted in accordance with the laws of the State of Washington. The venue of any action brought hereunder shall be in the Superior Court of King County.

Severability: If any term or provision of this contract is determined by a court of competent jurisdiction to be invalid or unenforceable, the remainder of this contract shall not be affected, and each term and provision of this contract shall be valid and enforceable to the fullest extent permitted by law.

Negotiated Contract: This Contract supersedes any prior written or oral understandings or agreements.


Notices: Any notices required or permitted by this Contract shall be in writing and shall be either personally delivered or sent by certified mail, return receipt requested, and addressed to the parties as follows:

If to the KCHA: 600 Andover Park W, Tukwila, WA 98188, Attn: Executive Director
If to the Consultant: 2517 Eastlake Ave East, Suite 100, Seattle, WA 98102, Attn: Megan Nogeire

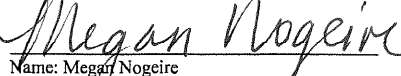
The individuals signing this Contract warrant and represent for themselves and for their respective organizations that they are duly authorized to sign this Contract and that upon such signing their respective organizations are bound thereby.

DATED this 16th day of October 2018.

KCHA


Name: Beth Pearson
Title: Director, Real Estate Initiatives
KCHA

Consultant


Name: Megan Nogeire
Title: Project Engineer
PBS Engineering and Environmental, Inc.



Kyle Johnson GIT

Staff Geologist



EXPERIENCE

6 Years

EDUCATION

MS Geology, California State University, Northridge

BS Geology, Washington State University

ACCREDITATION

Geologist-in-Training

Washington State Certified Site Assessor

Certified Erosion and Sediment Control Lead (CESCL)

Nuclear Density Gauge Certification

United States Department of Transportation Hazmat Certification

40-Hour HAZWOPER

Kyle has six years of academic and environmental consulting experience specializing in environmental site assessments, UST site assessments, remedial investigations, geotechnical field analysis and testing, sedimentary core description and interpretation, subsurface modelling, and petroleum basin analysis. He also has experience providing analysis and management of stormwater containment and erosion control practices for a variety of clients and projects.

RELEVANT PROJECT EXPERIENCE

INDUSTRY

Phase I Environmental Site Assessments, Washington. Has conducted more than 30 Phase I ESAs for a variety of clients in Eastern and Western Washington.

Phase II Environmental Site Assessments, Washington. Has conducted more than 15 subsurface investigations for a variety of clients in Western Washington.

Lake Sammamish State Park, Issaquah, Washington. Project Manager. Conducted site characterization and remedial investigation of former UST site.

Clover Park Technical College, Lakewood, Washington. Conducted site characterization and multi-incremental sampling for halogenated compound contamination.

Potlatch State Park, Washington. Conducted groundwater under the influence (GWI) sampling to assess drinking water hydrogeology.

Issaquah School District, Issaquah, Washington. Conducted drinking water sampling for lead at all Issaquah School District schools and facilities.

Villas at Arlington, AVS Communities, Arlington, Washington. Various on-call services; geotechnical test pits and drilling; construction oversight.

Soil Compaction Testing, Washington. Has conducted nuclear density gauge soil compaction testing and sediment control consulting at dozens of construction sites in the Greater Seattle Area.

ACADEMIA

Facies and bedding analysis of arc-related, deep-marine volcanoclastic rocks in core recovered on International Ocean Discovery Program Expedition 351, Philippine Sea. Master's thesis, California State University Northridge; Lead author on six publications based on thesis.

AAPG Imperial Barrel Award. Team leader for 2016 American Association of Petroleum Geologists (AAPG) Imperial Barrel Award Competition. Competition required core data analysis, basin analysis, and subsurface modelling of raw dataset.

APPENDIX B

Property Information and Physical Setting Records

Well Logs

Tax Report

This is a report of the activities of a licensed Washington well driller and serves as the official record of work done within the borehole and casing and describes the amount of water encountered.

Construction

Type of Well: Geotech Soil Boring
Number of Wells in Group 2: 3 wells
Type of Work: New
Method: Auger
Drilling Start Date: 1/9/2017
Drilling Completion Date: 1/11/2017
Received by Ecology: 6/9/2017 1:32 PM

Dimensions:

Borehole Diameter: 8 in
Depth of completed well: 51 ft 6 in

Construction Details

Casings:

From Depth	To Depth	Type	Diameter	Stickup
N/A				

Perforations:

Type	Size	Total Perforations	From Depth	To Depth
N/A				

Screens:

Manufacturer	Type	Dia- meter	Slot Size	From Depth	To Depth
N/A					

Sand/Gravel Packings:

Material	From Depth	To Depth
N/A		

Individual Well Details (Group 2 of 7)

Well	Driller's Identifier	Water Level
1		Static Level at: 25 ft 0 in
2		Static Level at: 25 ft 0 in
3		Dry Hole

Additional Well Construction Information

None

Well Group 2 of 7

Construction Notice of Intent Number: SE60794
Decommissioning Notice of Intent Number: AE41025
 Unique Ecology Well ID Tag Number: N/A
 Property Owner Name: City Of Kirkland
 Property Owner Address: 123 5th St, Kirkland, WA 98034

Well Location:

Well Street Address: Cross Kirkland Corridor
City, State, Zip: kirkland, WA , 98033
County: King
Township: 26N Range: 5E Section: 28 in the NE 1/4 of the NE 1/4

Well Head Elevation:

Elevation Datum:

Elevation Method:

Latitude (DD): Longitude (DD):

Datum:

Horizontal Coordinate Collection Method:

Tax parcel No.:

Lithology

Layer: Describe by color, character, size of material and structure, and the kind and nature of the material in each layer penetrated, with at least one entry for each change of information.

[illegible]

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

Driller/Engineer/Trainee Printed Name: JUAN GARDEA

Drilling Company: Boretec Inc

Driller or trainee License Number: 3143

Address: S 18101 SPANGLE CREEK RD

If trainee, Driller's License Number: 1815

City, State, Zip: VALLEYFORD, WA, 99036

King County Department of Assessments

Fair, Equitable, and Understandable Property Valuations

You're In: [Assessor](#) >> [Look up Property Info](#) >> [eReal Property](#)

Department of Assessments

500 Fourth Avenue, Suite ADM-AS-0708, Seattle, WA 98104

Office Hours:
Mon - Fri
8:30 a.m. to
4:30 p.m.

TEL: 206-296-7300
FAX: 206-296-5107
TTY: 206-296-7888

[Send us mail](#)

- [New Search](#)
- [Property Tax Bill](#)
- [Map This Property](#)
- [Glossary of Terms](#)
- [Area Report](#)
- [Print Property Detail](#)
-

ADVERTISEMENT

PARCEL DATA

Parcel	222605-9034	Jurisdiction	KIRKLAND
Name	AERO-KIRKLAND ASSOCIATION	Levy Code	1705
Site Address	13319 NE 133RD ST 98034	Property Type	C
Geo Area	85-90	Plat Block / Building Number	
Spec Area	100-380	Plat Lot / Unit Number	
Property Name	KIRKLAND HEIGHTS APTS	Quarter-Section-Township-Range	SW-22-26-5

Legal Description

S 1/2 OF SW 1/4 OF SW 1/4 LESS CO RDS & LESS FOLG PORS THOF POR LY NLY & WLY OF LN RNG E 150.00 FT FR PT ON W LN 298.77 FT S OF NW COR TH N 187.36 FT TH E 70 FT TH N 111.39 FT TO N LN & POR LY SLY & WLY OF LN RNG NELY ALG CRV RGT RAD 20 FT ARC DIST 31.41 FT FR PT ON W LN 280.11 FT N OF SW COR TH S 88-11-04 E 328.83 FT TH ELY ALG CRV RGT RAD 126 FT ARC DIST 91.06 FT TH ELY ALG REVERSE CRV LFT RAD 176 FT ARC DIST 67.40 FT TH S 02-02-02 W 234.69 FT TO S LN & POR LY NLY & ELY OF LN RNG N 88-11-04 W 247.97 FT FR PT ON E LN 206.68 FT S OF NE COR TO NXN CURVE RGT CENTER OF WCH LIES S 77-57-25 W 99.00 FT TH NWLY ALG SD CRV ARC DIST 74.22 FT TH N 24-29-06 E 160.07 FT TO N LN SUBJ TO TRANS LN ESMT - POR TAXABLE - PER RCW 84.36.041 RETIREMENT HOME (1/3)

Plat Block:
Plat Lot:

LAND DATA

Highest & Best Use As If Vacant	MULTI-FAMILY DWELLING	Percentage Unusable	
Highest & Best Use As Improved	(unknown)	Unbuildable	NO
Present Use	Apartment(Subsidized)	Restrictive Size Shape	NO
Land SqFt	610,711	Zoning	RMA 2.4
Acres	14.02	Water	WATER DISTRICT
		Sewer/Septic	PUBLIC
		Road Access	PUBLIC
		Parking	ADEQUATE
		Street Surface	PAVED
Views		Waterfront	
Rainier		Waterfront Location	
Territorial		Waterfront Footage	0
Olympics		Lot Depth Factor	0
Cascades		Waterfront Bank	
Seattle Skyline		Tide/Shore	
Puget Sound		Waterfront Restricted Access	
Lake Washington		Waterfront Access Rights	NO
Lake Sammamish		Poor Quality	NO
Lake/River/Creek		Proximity Influence	NO
Other View			
Designations		Nuisances	
Historic Site		Topography	
Current Use	(none)	Traffic Noise	
Nbr Bldg Sites		Airport Noise	
Adjacent to Golf Fairway	NO	Power Lines	NO
Adjacent to Greenbelt	YES	Other Nuisances	NO
Other Designation	NO		
Deed Restrictions	NO	Problems	
Development Rights Purchased	NO	Water Problems	NO
Easements	NO	Transportation Concurrency	NO
Native Growth Protection Easement	NO	Other Problems	NO
DNR Lease	NO		
		Environmental	
		Environmental	NO

BUILDING

Building Number	1	Picture of Building 1
Building Description	KIRKLAND HEIGHTS APTS	<input type="text"/>
Number Of Buildings Aggregated	28	
Predominant Use	MULTIPLE RESIDENCE (LOW RISE) (352)	

Reference Links:

- [King County Tax Links](#)
- [Property Tax Advisor](#)
- [Washington State Department of Revenue](#) (External link)
- [Washington State Board of Tax Appeals](#) (External link)
- [Board of Appeals/Equalization](#)
- [Districts Report](#)
- [iMap](#)
- [Recorder's Office](#)

[Scanned images of surveys and other map documents](#)

ADVERTISEMENT

Shape	Very Irreg
Construction Class	WOOD FRAME
Building Quality	AVERAGE
Stories	2
Building Gross Sq Ft	161,158
Building Net Sq Ft	158,220
Year Built	1971
Eff. Year	1995
Percentage Complete	100
Heating System	ELECTRIC WALL
Sprinklers	No
Elevators	No

Section(s) Of Building Number: 1

Section Number	Section Use	Description	Stories	Height	Floor Number	Gross Sq Ft	Net Sq Ft
1	MULTIPLE RESIDENCE (LOW RISE) (352)		2	9		161,158	158,220

Accessory

Accessory Type	Picture	Description	Qty	Unit Of Measure	Size	Grade	Eff Yr	%	Value	Date Valued
Pkg: Open, Unsec			294			(unknown)				
Recreation Bldg			1			(unknown)				

Apartment / Condo Complex Data

Complex Type	Commercial Complex
Complex Description	KIRKLAND HEIGHTS APTS
Value Distribution Method	
# of Bldgs	28
# of Stories	2
# of Units	180
Avg Unit Size	879
Land Per Unit	0
Project Location	
Project Appeal	
% With View	0
Construction Class	WOOD FRAME
Building Quality	AVERAGE
Condition	Average
Year Built	1971
Eff Year	1995
% Complete	100
Elevators	N
Security System	N
FirePlace	N
Laundry	COMMON
Kitchens	
# of Meals	0
Founder's Fee	
Apt Conversion	N
Condo Land Type	

Unit Breakdown

Unit Type	Number of This Type	Sq Ft	# of Bedrooms	# of Baths
Flat	20	0	4	1.5
Flat	80	0	3	1
Flat	80	0	2	1

TAX ROLL HISTORY

Account	Valued Year	Tax Year	Omit Year	Levy Code	Appraised Land Value (\$)	Appraised Imps Value (\$)	Appraised Total Value (\$)	New Dollars (\$)	Taxable Land Value (\$)	Taxable Imps Value (\$)	Taxable Total Value (\$)	Tax Value Reason
222605903400	2017	2018		1705	5,081,100	14,741,000	19,822,100	0	5,081,100	14,741,000	19,822,100	
222605903491	2017	2018		1705	2,858,100	8,291,800	11,149,900	0	0	0	0	NP
222605903400	2016	2017		1705	4,690,200	14,036,200	18,726,400	0	4,690,200	14,036,200	18,726,400	
222605903491	2016	2017		1705	2,638,300	7,895,300	10,533,600	0	0	0	0	EX
222605903400	2015	2016		1705	4,103,900	11,334,800	15,438,700	0	4,103,900	11,334,800	15,438,700	
222605903491	2015	2016		1705	2,308,500	6,375,800	8,684,300	0	0	0	0	EX
222605903400	2014	2015		1705	4,103,900	12,000,400	16,104,300	0	4,103,900	12,000,400	16,104,300	NP
222605903491	2014	2015		1705	2,308,500	6,750,200	9,058,700	0	0	0	0	NP
222605903400	2013	2014		1705	3,898,700	8,686,900	12,585,600	0	3,898,700	8,686,900	12,585,600	
222605903491	2013	2014		1705	2,513,700	5,600,700	8,114,400	0	0	0	0	NP
222605903400	2012	2013		1705	4,052,600	5,706,100	9,758,700	0	4,052,600	5,706,100	9,758,700	NP
222605903491	2012	2013		1705	2,359,800	3,322,500	5,682,300	0	0	0	0	NP
222605903400	2011	2012		1705	3,506,600	5,942,100	9,448,700	0	3,506,600	5,942,100	9,448,700	
222605903491	2011	2012		1705	1,989,700	3,371,600	5,361,300	0	0	0	0	NP
222605903400	2010	2011		7420	0	0	0	0	3,506,600	3,649,700	7,156,300	
222605903491	2010	2011		7420	1,989,700	2,303,700	4,293,400	0	0	0	0	NP
222605903400	2009	2010		7420	3,655,100	6,010,100	9,665,200	0	3,655,100	6,010,100	9,665,200	
222605903491	2009	2010		7420	1,841,200	3,027,600	4,868,800	0	0	0	0	EX
222605903400	2008	2009		7420	3,655,100	6,245,500	9,900,600	0	3,655,100	6,245,500	9,900,600	
222605903491	2008	2009		7420	1,841,200	3,146,200	4,987,400	0	0	0	0	NP
222605903400	2007	2008		7420	1,991,000	3,920,000	5,911,000	0	2,422,900	4,770,300	7,193,200	

222605903491	2007	2008	7420	1,088,600	2,143,200	3,231,800	0	0	0	0	NP
222605903400	2006	2007	7420	1,644,800	5,836,800	7,481,600	0	1,644,800	5,836,800	7,481,600	
222605903491	2006	2007	7420	1,256,000	4,457,400	5,713,400	0	0	0	0	NP
222605903400	2005	2006	7420	1,872,900	5,393,900	7,266,800	0	1,872,900	5,393,900	7,266,800	NP
222605903491	2005	2006	7420	569,900	1,641,300	2,211,200	0	0	0	0	NP
222605903400	2004	2005	7420	1,764,200	5,080,900	6,845,100	0	1,764,200	5,080,900	6,845,100	
222605903491	2004	2005	7420	678,600	1,954,300	2,632,900	0	0	0	0	EX
222605903400	2003	2004	7420	1,764,200	5,080,900	6,845,100	0	1,764,200	5,080,900	6,845,100	
222605903491	2003	2004	7420	678,600	1,954,300	2,632,900	0	0	0	0	NP
222605903400	2002	2003	7420	1,323,100	5,521,900	6,845,000	0	1,323,100	5,521,900	6,845,000	
222605903491	2002	2003	7420	509,000	2,124,000	2,633,000	0	0	0	0	NP
222605903400	2001	2002	7420	916,100	5,681,600	6,597,700	0	916,100	5,681,600	6,597,700	
222605903491	2001	2002	7420	305,400	1,893,900	2,199,300	0	0	0	0	NP
222605903400	2000	2001	7420	0	0	0	0	539,100	6,672,200	7,211,300	
222605903491	2000	2001	7420	120,900	1,464,600	1,585,500	0	0	0	0	NP
222605903400	1999	2000	7420	330,000	3,796,400	4,126,400	0	1,470,000	3,796,400	5,266,400	
222605903491	1999	2000	7420	330,000	892,700	1,222,700	0	0	0	0	NP
222605903400	1998	1999	7420	1,332,000	3,749,000	5,081,000	0	1,332,000	3,749,000	5,081,000	
222605903491	1998	1999	7420	0	0	0	0	468,000	1,120,000	1,588,000	
222605903400	1997	1998	7420	0	0	0	0	1,332,000	3,749,000	5,081,000	
222605903491	1997	1998	7420	0	0	0	0	468,000	1,120,000	1,588,000	
222605903400	1996	1997	7420	0	0	0	0	1,332,000	3,749,000	5,081,000	
222605903491	1996	1997	7420	0	0	0	0	468,000	1,120,000	1,588,000	
222605903400	1995	1996	7420	0	0	0	0	1,332,000	3,749,000	5,081,000	
222605903491	1995	1996	7420	0	0	0	0	468,000	1,120,000	1,588,000	
222605903400	1994	1995	7420	0	0	0	0	1,332,000	3,749,000	5,081,000	
222605903491	1994	1995	7420	0	0	0	0	468,000	1,120,000	1,588,000	
222605903400	1993	1994	7420	0	0	0	0	1,216,000	4,365,600	5,581,600	
222605903491	1993	1994	7420	0	0	0	0	224,000	804,000	1,028,000	
222605903400	1992	1993	7420	0	0	0	0	793,300	2,900,000	3,693,300	
222605903491	1992	1993	7420	0	0	0	0	646,700	2,269,600	2,916,300	
222605903400	1991	1992	7420	0	0	0	0	292,200	1,148,600	1,440,800	
222605903491	1991	1992	7420	0	0	0	0	774,000	3,042,400	3,816,400	
222605903400	1990	1991	7420	0	0	0	0	298,100	1,171,900	1,470,000	
222605903491	1990	1991	7420	0	0	0	0	768,100	3,019,100	3,787,200	
222605903400	1989	1990	7420	0	0	0	0	943,700	3,570,300	4,514,000	
222605903491	1989	1990	7420	0	0	0	0	122,500	463,500	586,000	
222605903400	1988	1989	7420	0	0	0	0	943,700	3,570,300	4,514,000	
222605903491	1988	1989	7420	0	0	0	0	122,500	463,500	586,000	
222605903400	1987	1988	7420	0	0	0	0	913,000	3,398,500	4,311,500	
222605903491	1987	1988	7420	0	0	0	0	167,000	621,500	788,500	
222605903400	1986	1987	7420	0	0	0	0	913,000	3,398,500	4,311,500	
222605903491	1986	1987	7420	0	0	0	0	167,000	621,500	788,500	
222605903400	1985	1986	7420	0	0	0	0	913,000	3,398,500	4,311,500	
222605903491	1984	1985	7420	0	0	0	0	913,000	3,398,500	4,311,500	
222605903400	1984	1985	7420	0	0	0	0	167,000	621,500	788,500	
222605903491	1983	1984	7420	0	0	0	0	913,000	3,398,500	4,311,500	
222605903400	1983	1984	7420	0	0	0	0	206,700	727,100	933,800	
222605903491	1982	1983	7420	0	0	0	0	913,000	3,398,500	4,311,500	
222605903400	1982	1983	7420	0	0	0	0	167,000	621,500	788,500	

SALES HISTORY

Excise Number	Recording Number	Document Date	Sale Price	Seller Name	Buyer Name	Instrument	Sale Reason
1593628	199802170202	2/13/1998	\$16,000.00		KING COUNTY	(Unknown)	(Unknown)

REVIEW HISTORY

Tax Year	Review Number	Review Type	Appealed Value	Hearing Date	Settlement Value	Decision	Status
2014	1303821	Local Appeal	\$21,546,000	1/1/1900	\$20,700,000	REVISE	Completed
2013	86168	State Appeal	\$15,441,000	5/15/2014	\$15,441,000	SUSTAIN	Completed
2013	1204504	Local Appeal	\$15,441,000	1/1/1900	\$19,050,000	REVISE	Completed
2012	1105044	Local Appeal	\$15,329,000	1/1/1900	\$14,810,000	REVISE	Completed
2011	81191	State Appeal	\$11,860,000	5/15/2014	\$11,216,900	REVISE	Completed
2011	1003900	Local Appeal	\$11,860,000	1/1/1900	\$11,860,000	SUSTAIN	Completed
2009	72606	State Appeal	\$14,888,000	4/28/2011	\$14,888,000	SUSTAIN	Completed
2009	0810350	Local Appeal	\$14,888,000	1/1/1900	\$14,888,000	SUSTAIN	Completed
2001	0003189	Local Appeal	\$8,980,300	1/1/1900	\$0		Completed
1991	9008268	Local Appeal	\$5,257,200	1/1/1900	\$5,257,200	SUSTAIN	Completed
1985	8405548	Local Appeal	\$0	1/1/1900	\$0		Completed

PERMIT HISTORY

Permit Number	Permit Description	Type	Issue Date	Permit Value	Issuing Jurisdiction	Reviewed Date
EMF18-04917	Aero-Kirkland Association-Main Floor-A (Multifamily Residential Alteration) project installing (Service Panel Change Out: Adding less than 100 amps to the service or feeder (including temp services not exceeding 400 amps); Installation of equipment).		7/17/2018	\$2,000	KIRKLAND	
PMF14-03190	KIRKLAND HEIGHTS APPT. - New water service to building 11.,	Remodel	6/4/2014	\$5,300	KIRKLAND	8/19/2014

BMF14-02756	Re roof only,	Remodel	5/15/2014	\$17,800	KIRKLAND	8/19/2014
BMF14-02755	Re roof only,	Remodel	5/15/2014	\$17,800	KIRKLAND	8/19/2014
BMF14-02754	Re roof only,	Remodel	5/15/2014	\$17,800	KIRKLAND	8/19/2014
BMF14-02753	Re roof only,	Remodel	5/15/2014	\$17,800	KIRKLAND	8/19/2014
BMF14-02752	Re roof only,	Remodel	5/15/2014	\$17,800	KIRKLAND	8/19/2014
BMF13-03761	Tear off/install PVC roof on flat roof, tear off comp/Install metal on mansards on building 14 of Kirkland Heights Apartments.,	Remodel	5/15/2014	\$30,000	KIRKLAND	8/19/2014
BMF13-03762	Tear off torch-down roof/ Install PVC over existing decking flat roof, tear of composition/ Install metal over existing decking mansard.,	Remodel	7/12/2013	\$30,000	KIRKLAND	8/1/2014

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APPENDIX C

Regulatory Databases and Government Records

Regulatory Database Report

Kirkland Heights Apartments

13310 NE 133rd St
Kirkland, WA 98034

Inquiry Number: 5458643.2s
October 19, 2018

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Summary	4
Map Findings	8
Orphan Summary	258
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

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

13310 NE 133RD ST
KIRKLAND, WA 98034

COORDINATES

Latitude (North):	47.7197980 - 47° 43' 11.27"
Longitude (West):	122.1610830 - 122° 9' 39.89"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	562919.3
UTM Y (Meters):	5285279.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6005535 KIRKLAND, WA
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150825, 20150807
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
13310 NE 133RD ST
KIRKLAND, WA 98034

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1		13310 133RD ST. #17D	ASBESTOS		TP
A2	THE KIRKLAND HEIGHTS	13310 NE 133RD ST.	ASBESTOS		TP
3	VINTNERS RIDGE	NE 132ND ST & 136TH	ALLSITES	Same	15, 0.003, SE
4	FRIENDS OF YOUTH CON	13116 NE 132ND ST	ALLSITES	Same	211, 0.040, WSW
5	CALLAN RIDGE PUD	13240 136TH AVE NE	ALLSITES	Same	218, 0.041, ENE
B6	VINTNERS WEST	13007 136TH AVE NE	ALLSITES, ASBESTOS	Same	583, 0.110, SSE
B7	MARINWOOD	12864 136TH AVE NE	ALLSITES, NPDES	Same	740, 0.140, SSE
8	SAFEWAY INC FUEL STA	13615 NE 137TH ST	ALLSITES, SPILLS	Same	922, 0.175, NE
9	MOMCO	12820 136TH AVE NE	ALLSITES	Same	1067, 0.202, SSE
10	MERITAGE RIDGE	12817 136TH AVE NE	ALLSITES	Same	1152, 0.218, SSE
11	WILLOWS TECH CENTER	NW CORNER OF 141ST A	ALLSITES, FINDS	Same	1327, 0.251, SE
12	GOLDEN PENN OIL CO O	13614 129 PL NE	SEMS-ARCHIVE	Same	1355, 0.257, NW
C13	ULTIMATE MOTOR WORKS	13635 NE 126TH PL ST	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	1501, 0.284, SSE
C14	COURTAULDS AEROSPACE	13625 NE 126TH PL	ALLSITES	Same	1502, 0.284, SSE
C15	BUCHAN BROTHERS CONS	13613 N 126TH PL	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	1505, 0.285, SSE
C16	BUCHAN BROS CONSTRUC	13611 NE 126TH PL ST	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	1505, 0.285, SSE
C17	TOTEM LAKE AUTO TRUC	13637 NE 126TH PL	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO, MANIFEST	Same	1517, 0.287, SSE
18	ASTRONICS ADVANCED E	12950 WILLOWS RD NE	ALLSITES	Same	1585, 0.300, SE
D19	SNO KING SHEET METAL	13513 NE 126 PL STE	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	1709, 0.324, South
D20	CREATIVE LABEL INC K	13513 NE 126TH PL	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO,...	Same	1709, 0.324, South
21	KATCO SALES	12735 WILLOWS RD	VCP, ALLSITES, CSCSL NFA, FINDS	Same	1726, 0.327, SE
E22	AT&T WIRELESS WILLOW	13649 NE 126TH PL	ALLSITES, FINDS	Same	1782, 0.338, SSE
E23	SILICON DESIGNS INC	13905 NE 128TH ST	ALLSITES, SPILLS	Same	1844, 0.349, SSE
24	JUANITA HEAVY HAULIN	13501 141ST AV NE	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	1853, 0.351, ENE
25	COURTAULDS AEROSPACE	13609 NE 126TH PL ST	ALLSITES, RCRA NonGen / NLR	Same	1857, 0.352, SSE
26	WASTE MANAGEMENT SNO	13225 NE 126TH PL	CSCSL, VCP, ALLSITES, SPILLS	Same	1857, 0.352, South
F27	JAYS KIRKLAND AUTOCA	13209 NE 126TH PL SI	ALLSITES	Same	1885, 0.357, SSW
F28	K & M AUTOMOTIVE INC	13209 NE 126TH PL 27	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	1885, 0.357, SSW
F29	LM BODY SHOP	13209 NE 126TH STE 4	RCRA-CESQG, ALLSITES, FINDS, ECHO, MANIFEST	Same	1885, 0.357, SSW
F30	VINTAGE MOTORWORKS K	13209 NE 126TH PL ST	ALLSITES, MANIFEST	Same	1885, 0.357, SSW
G31	VERTECS CORPORATION	12601 132ND AVE NE	ALLSITES, CSCSL NFA	Same	1964, 0.372, SSW
G32	H & D VENTURES LLC	12601 132ND AVE NE S	ALLSITES, FINDS, ECHO, MANIFEST	Same	1964, 0.372, SSW
G33	FAST WATER HEATERS	12691 132ND AVE NE	ALLSITES	Same	2031, 0.385, SSW
H34	PUGET SOUND ENERGY K	12545 135TH AVE NE	UST, VCP, ALLSITES, CSCSL NFA	Same	2066, 0.391, South
H35	WASHINGTON NATURAL G	12545 135TH AVE. NE	ICR	Same	2066, 0.391, South
H36	MACRO TECHNOLOGIES L	12530 135TH AVE NE	ALLSITES, RCRA NonGen / NLR, MANIFEST, NPDES	Same	2096, 0.397, South
H37	SYST-MATIC COMPANY	12530 135TH AVE. NE	ICR	Same	2096, 0.397, South
38	WILLOWS ROAD WAREHOU	12611 WILLOWS RD NE	ALLSITES	Same	2294, 0.434, SE
39	MUIR ELEMENTARY	14012 132ND AVE NE	ALLSITES	Same	2412, 0.457, NNW

MAPPED SITES SUMMARY

Target Property Address:
13310 NE 133RD ST
KIRKLAND, WA 98034

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
I40	PRIMEX AEROSPACE C B	12421 WILLOW RD NE S	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	2457, 0.465, SSE
I41	UNIVERSAL AVIONICS S	12421 WILLOWS RD NE	ALLSITES, RCRA NonGen / NLR	Same	2457, 0.465, SSE
42	CIR QUICK INCORPORAT	12817 NE 126TH PL	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	2523, 0.478, SW
43	12528 NE 129TH COURT	12528 NE 129TH COURT	US BROWNFIELDS	Same	2529, 0.479, WSW
44	COMPTON PROPERTY	12521 NE 137TH PL	ALLSITES, CSCSL NFA	Same	2575, 0.488, WNW
45	LAMONTS APPAREL INC	12413 WILLOWS RD NE	ALLSITES, RCRA NonGen / NLR, FINDS, ECHO	Same	2585, 0.490, SSE
J46	GRAHAM STEEL CORPORA	13210 NE 124TH ST.	ICR	Same	2613, 0.495, South
J47	GRAHAM STEEL CORP	13210 N E 124TH ST/P	CSCSL, LUST, UST, VCP, ALLSITES	Same	2613, 0.495, South
48	MIRACLE DRY CLEANERS	13205 NE 124TH ST ST	CSCSL, ALLSITES, Inactive Drycleaners	Same	2720, 0.515, SSW
49	LAKE WASHINGTON SD K	14111 132ND AVE NE	CSCSL, ALLSITES, SPILLS	Same	2811, 0.532, NNW
50	CAR WASH ENTERPRISES	12302 NE 124TH ST	HSL, CSCSL, LUST, UST, ALLSITES, RCRA NonGen /...	Same	4877, 0.924, SW
51	TOTEM LAKE DRY CLEAN	12541 120TH AVE NE	CSCSL, VCP, ALLSITES, RCRA NonGen / NLR, FINDS,...	Same	4878, 0.924, SW
52	KINGSGATE SHOPPING C	12440 NE 144TH ST &	CSCSL, ALLSITES	Same	4890, 0.926, NW
53	SHELL STATION 120565	12221 124TH AVENUE N	CSCSL, LUST, UST, ALLSITES, RCRA NonGen / NLR,...	Same	5179, 0.981, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
13310 133RD ST. #17D 13310 133RD ST. #17D KIRKLAND, WA 98034	ASBESTOS	N/A
THE KIRKLAND HEIGHTS 13310 NE 133RD ST. KIRKLAND, WA 98034	ASBESTOS	N/A

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 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

EXECUTIVE SUMMARY

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

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

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
PTAP..... PTAP Site Listing

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

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

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

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
 SPILLS..... Reported Spills
 SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

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

EXECUTIVE SUMMARY

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

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.

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

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: 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.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/17/2018 has revealed that there

EXECUTIVE SUMMARY

is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GOLDEN PENN OIL CO O Site ID: 1000798 EPA Id: WAD085197945	13614 129 PL NE	1/4 - 1/2 (0.257 mi.) NW	12	49

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 08/22/2018 has revealed that there is 1 HSL site within approximately 1 mile of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CAR WASH ENTERPRISES Facility Type: Hazardous Sites List FSID Number: 83988889 Facility Status: Cleanup Started	12302 NE 124TH ST	1/2 - 1 (0.924 mi.) SW	50	204

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 07/16/2018 has revealed that there are 8 CSCSL sites within approximately 1 mile of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WASTE MANAGEMENT SNO Site Status: Cleanup Started Facility ID: 36181742 Clean Up Siteid: 11817	13225 NE 126TH PL	1/4 - 1/2 (0.352 mi.) S	26	94
GRAHAM STEEL CORP Site Status: Cleanup Started Facility ID: 37124273 Clean Up Siteid: 5967	13210 N E 124TH ST/P	1/4 - 1/2 (0.495 mi.) S	J47	193
MIRACLE DRY CLEANERS Site Status: Cleanup Started Facility ID: 4915 Clean Up Siteid: 11679	13205 NE 124TH ST ST	1/2 - 1 (0.515 mi.) SSW	48	199
LAKE WASHINGTON SD K	14111 132ND AVE NE	1/2 - 1 (0.532 mi.) NNW	49	202

EXECUTIVE SUMMARY

Site Status: Cleanup Started
Facility ID: 77428626
Clean Up Siteid: 12460

CAR WASH ENTERPRISES	12302 NE 124TH ST	1/2 - 1 (0.924 mi.) SW	50	204
Site Status: Cleanup Started Facility ID: 83988889 Clean Up Siteid: 6745				
TOTEM LAKE DRY CLEAN	12541 120TH AVE NE	1/2 - 1 (0.924 mi.) SW	51	222
Site Status: Cleanup Started Facility ID: 43136797 Clean Up Siteid: 394				
KINGSGATE SHOPPING C	12440 NE 144TH ST &	1/2 - 1 (0.926 mi.) NW	52	227
Site Status: Awaiting Cleanup Facility ID: 3469 Clean Up Siteid: 12372				
SHELL STATION 120565	12221 124TH AVENUE N	1/2 - 1 (0.981 mi.) SW	53	228
Site Status: Cleanup Started Facility ID: 41716978 Clean Up Siteid: 9061				

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GRAHAM STEEL CORP	13210 N E 124TH ST/P	1/4 - 1/2 (0.495 mi.) S	J47	193
Database: LUST, Date of Government Version: 08/10/2018 Facility Status: NFA Cleanup Site ID: 5967 Facility ID: 37124273				
Database: LUST, Date of Government Version: 08/10/2018 Facility Status: Cleanup Started Cleanup Site ID: 9061 Facility ID: 41716978				

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 07/16/2018 has revealed that there are 4 VCP

EXECUTIVE SUMMARY

sites within approximately 0.5 miles of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KATCO SALES Facility ID: 21974 Cleanup Siteid: 2454	12735 WILLOWS RD	1/4 - 1/2 (0.327 mi.) SE	21	87
WASTE MANAGEMENT SNO Facility ID: 36181742 Cleanup Siteid: 11817	13225 NE 126TH PL	1/4 - 1/2 (0.352 mi.) S	26	94
PUGET SOUND ENERGY K Facility ID: 18656487 Cleanup Siteid: 8217	12545 135TH AVE NE	1/4 - 1/2 (0.391 mi.) S	H34	136
GRAHAM STEEL CORP Facility ID: 37124273 Cleanup Siteid: 5967	13210 N E 124TH ST/P	1/4 - 1/2 (0.495 mi.) S	J47	193

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

A review of the ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 3 ICR sites within approximately 0.5 miles of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WASHINGTON NATURAL G	12545 135TH AVE. NE	1/4 - 1/2 (0.391 mi.) S	H35	139
SYSTI-MATIC COMPANY	12530 135TH AVE. NE	1/4 - 1/2 (0.397 mi.) S	H37	180
GRAHAM STEEL CORPORA	13210 NE 124TH ST.	1/4 - 1/2 (0.495 mi.) S	J46	193

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/18/2018 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
12528 NE 129TH COURT ACRES property ID: 16066	12528 NE 129TH COURT	1/4 - 1/2 (0.479 mi.) WSW	43	188

EXECUTIVE SUMMARY

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 07/09/2018 has revealed that there are 40 ALLSITES sites within approximately 0.5 miles of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VINTNERS RIDGE Facility Id: 5929	NE 132ND ST & 136TH	0 - 1/8 (0.003 mi.) SE	3	42
FRIENDS OF YOUTH CON Facility Id: 19571	13116 NE 132ND ST	0 - 1/8 (0.040 mi.) WSW	4	42
CALLAN RIDGE PUD Facility Id: 18123	13240 136TH AVE NE	0 - 1/8 (0.041 mi.) ENE	5	42
VINTNERS WEST Facility Id: 18303	13007 136TH AVE NE	0 - 1/8 (0.110 mi.) SSE	B6	43
MARINWOOD Facility Id: 3117	12864 136TH AVE NE	1/8 - 1/4 (0.140 mi.) SSE	B7	45
SAFeway INC FUEL STA Facility Id: 8178313	13615 NE 137TH ST	1/8 - 1/4 (0.175 mi.) NE	8	46
MOMCO Facility Id: 9692	12820 136TH AVE NE	1/8 - 1/4 (0.202 mi.) SSE	9	47
MERITAGE RIDGE Facility Id: 7423	12817 136TH AVE NE	1/8 - 1/4 (0.218 mi.) SSE	10	47
WILLOWS TECH CENTER Facility Id: 5764418	NW CORNER OF 141ST A	1/4 - 1/2 (0.251 mi.) SE	11	48
ULTIMATE MOTOR WORKS Facility Id: 45294548	13635 NE 126TH PL ST	1/4 - 1/2 (0.284 mi.) SSE	C13	50
COURTAULDS AEROSPACE Facility Id: 17397253	13625 NE 126TH PL	1/4 - 1/2 (0.284 mi.) SSE	C14	52
BUCHAN BROTHERS CONS Facility Id: 88774427	13613 N 126TH PL	1/4 - 1/2 (0.285 mi.) SSE	C15	53
BUCHAN BROS CONSTRUC Facility Id: 48268117	13611 NE 126TH PL ST	1/4 - 1/2 (0.285 mi.) SSE	C16	54
TOTEM LAKE AUTO TRUC Facility Id: 97821976	13637 NE 126TH PL	1/4 - 1/2 (0.287 mi.) SSE	C17	57
ASTRONICS ADVANCED E Facility Id: 8688	12950 WILLOWS RD NE	1/4 - 1/2 (0.300 mi.) SE	18	61
SNO KING SHEET METAL Facility Id: 42625341	13513 NE 126 PL STE	1/4 - 1/2 (0.324 mi.) S	D19	62
CREATIVE LABEL INC K Facility Id: 12871481	13513 NE 126TH PL	1/4 - 1/2 (0.324 mi.) S	D20	64
KATCO SALES Facility Id: 21974	12735 WILLOWS RD	1/4 - 1/2 (0.327 mi.) SE	21	87
AT&T WIRELESS WILLOW Facility Id: 5720200	13649 NE 126TH PL	1/4 - 1/2 (0.338 mi.) SSE	E22	89
SILICON DESIGNS INC	13905 NE 128TH ST	1/4 - 1/2 (0.349 mi.) SSE	E23	89

EXECUTIVE SUMMARY

Facility Id: 21823				
JUANITA HEAVY HAULIN	13501 141ST AV NE	1/4 - 1/2 (0.351 mi.) ENE	24	90
Facility Id: 24829281				
COURTAULDS AEROSPACE	13609 NE 126TH PL ST	1/4 - 1/2 (0.352 mi.) SSE	25	92
Facility Id: 2321658				
WASTE MANAGEMENT SNO	13225 NE 126TH PL	1/4 - 1/2 (0.352 mi.) S	26	94
Facility Id: 36181742				
JAYS KIRKLAND AUTOCA	13209 NE 126TH PL SI	1/4 - 1/2 (0.357 mi.) SSW	F27	96
Facility Id: 2257363				
K & M AUTOMOTIVE INC	13209 NE 126TH PL 27	1/4 - 1/2 (0.357 mi.) SSW	F28	97
Facility Id: 67381716				
LM BODY SHOP	13209 NE 126TH STE 4	1/4 - 1/2 (0.357 mi.) SSW	F29	99
Facility Id: 70168771				
VINTAGE MOTORWORKS K	13209 NE 126TH PL ST	1/4 - 1/2 (0.357 mi.) SSW	F30	124
Facility Id: 17025				
VERTECS CORPORATION	12601 132ND AVE NE	1/4 - 1/2 (0.372 mi.) SSW	G31	131
Facility Id: 13294514				
Facility Id: 18383214				
H & D VENTURES LLC	12601 132ND AVE NE S	1/4 - 1/2 (0.372 mi.) SSW	G32	132
Facility Id: 39836165				
FAST WATER HEATERS	12691 132ND AVE NE	1/4 - 1/2 (0.385 mi.) SSW	G33	135
Facility Id: 15162				
PUGET SOUND ENERGY K	12545 135TH AVE NE	1/4 - 1/2 (0.391 mi.) S	H34	136
Facility Id: 18656487				
MACRO TECHNOLOGIES L	12530 135TH AVE NE	1/4 - 1/2 (0.397 mi.) S	H36	140
Facility Id: 99456278				
WILLOWS ROAD WAREHOU	12611 WILLOWS RD NE	1/4 - 1/2 (0.434 mi.) SE	38	180
Facility Id: 8910				
MUIR ELEMENTARY	14012 132ND AVE NE	1/4 - 1/2 (0.457 mi.) NNW	39	180
Facility Id: 18150				
PRIMEX AEROSPACE C B	12421 WILLOW RD NE S	1/4 - 1/2 (0.465 mi.) SSE	I40	181
Facility Id: 35168614				
UNIVERSAL AVIONICS S	12421 WILLOWS RD NE	1/4 - 1/2 (0.465 mi.) SSE	I41	183
Facility Id: 30116618				
CIR QUICK INCORPORAT	12817 NE 126TH PL	1/4 - 1/2 (0.478 mi.) SW	42	185
Facility Id: 54434341				
COMPTON PROPERTY	12521 NE 137TH PL	1/4 - 1/2 (0.488 mi.) WNW	44	190
Facility Id: 2440				
LAMONTS APPAREL INC	12413 WILLOWS RD NE	1/4 - 1/2 (0.490 mi.) SSE	45	191
Facility Id: 84277322				
GRAHAM STEEL CORP	13210 N E 124TH ST/P	1/4 - 1/2 (0.495 mi.) S	J47	193
Facility Id: 11200				
Facility Id: 37124273				

Facility Id: 41716978

EXECUTIVE SUMMARY

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.

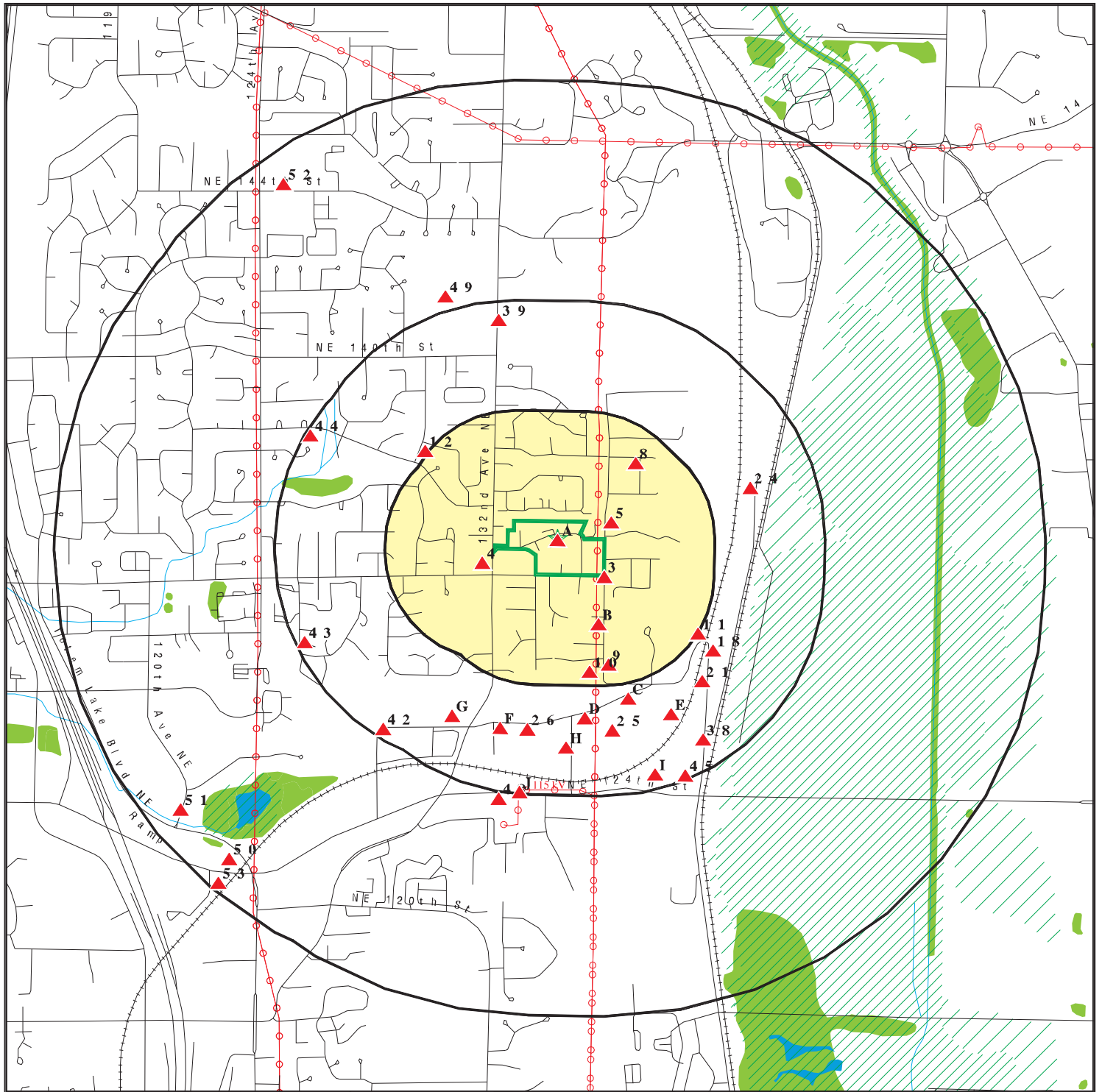
A review of the CSCSL NFA list, as provided by EDR, and dated 07/16/2018 has revealed that there are 4 CSCSL NFA sites within approximately 0.5 miles of the target property.

<u>Site</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KATCO SALES Facility/Site Id: 21974 CS Id: 2454	12735 WILLOWS RD	1/4 - 1/2 (0.327 mi.) SE	21	87
VERTECS CORPORATION Facility/Site Id: 13294514 CS Id: 13057	12601 132ND AVE NE	1/4 - 1/2 (0.372 mi.) SSW	G31	131
PUGET SOUND ENERGY K Facility/Site Id: 18656487 CS Id: 8217	12545 135TH AVE NE	1/4 - 1/2 (0.391 mi.) S	H34	136
COMPTON PROPERTY Facility/Site Id: 2440 CS Id: 3166	12521 NE 137TH PL	1/4 - 1/2 (0.488 mi.) WNW	44	190

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5458643.2S



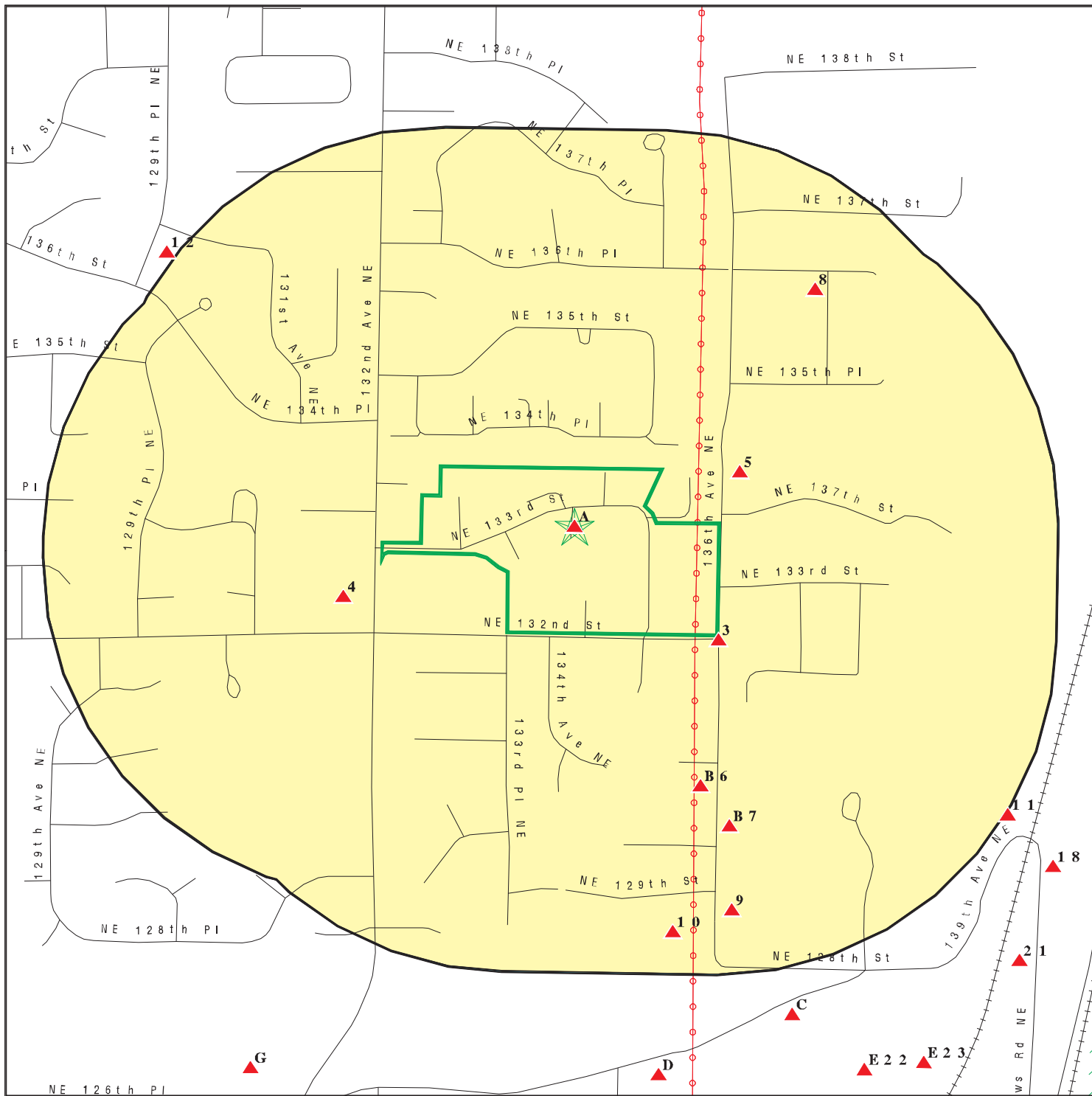
-  Target Property
-  Toxic Sites
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

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: Kirkland Heights Apartments
 ADDRESS: 13310 NE 133rd St
 Kirkland WA 98034
 LAT/LONG: 47.719798 / 122.161083

CLIENT: PBS Engineering & Env.
 CONTACT: Kyle Johnson
 INQUIRY #: 5458643.2s
 DATE: October 19, 2018 3:03 pm

DETAIL MAP - 5458643.2S



-
- Target Property
 Toxic Sites
 Manufactured Gas Plants
 Sensitive Receptors
 National Priority List Sites
 Dept. Defense Sites
- 0 1/16
 Indian Reservations BIA
 Power transmission lines
 100-year flood zone
 500-year flood zone

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: Kirkland Heights Apartments
ADDRESS: 13310 NE 133rd St
Kirkland WA 98034
LAT/LONG: 47.719798 / 122.161083

CLIENT: PBS Engineering & Env.
CONTACT: Kyle Johnson
INQUIRY #: 5458643.2s
DATE: October 19, 2018 3:04 pm

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	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
HSL	1.000		0	0	0	1	NR	1
<i>State- and tribal - equivalent CERCLIS</i>								
CSCSL	1.000		0	0	2	6	NR	8
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	1	NR	NR	1

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	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
PTAP	0.500		0	0	0	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	4	NR	NR	4
INDIAN VCP	0.500		0	0	0	NR	NR	0
ICR	0.500		0	0	3	NR	NR	3
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		4	4	32	NR	NR	40
CDL	TP		NR	NR	NR	NR	NR	0
HIST CDL	TP		NR	NR	NR	NR	NR	0
CSCSL NFA	0.500		0	0	4	NR	NR	4
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP	2	NR	NR	NR	NR	NR	2
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
Inactive Drycleaners	0.250		0	0	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
---------	-------	--	---	---	---	---	----	---

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</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>
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		2	4	4	48	7	0	65

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
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

A1

Target 13310 133RD ST. #17D
Property KIRKLAND, WA 98034

ASBESTOS

S119164640
N/A

Site 1 of 2 in cluster A

ASBESTOS:

Facility Type:	Residence
Parent ID:	0
Form ID:	115300##1338Ameri007663
Notice Date:	04/25/2016
Start Date:	05/11/2016
Completion Date:	05/27/2016
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	1338
Phone:	206-267-0746
Job Site CAS:	John Asselin
Project Form Email:	dees@aeconllc.com
Property Owner Name:	Not reported
Property Owner Agent:	Randy McElfresh
Property Owner Company:	Quantum Management Services
Property Owner Address:	PO Box 2170
Property Owner City:	Lynnwood
Property Owner State:	WA
Property Owner Zip4:	98036
Property Owner Phone:	253-778-0858
Job Site Room:	Not reported
Facility Age:	30 yrs ago
Facility Size:	1100
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	120
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S119164640

Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	AEC Job#16184
Date Time Submitted:	2016-04-25 13:29:04
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753
Contractor Cert Prn Date:	2016-06-22 00:00:00
Contractor Original Date:	08/08/2001
Contractor Effective Date:	06/24/2015
Contractor Renewal Letter Date:	04/18/2016

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S119164640

Contractor Exp Date: 06/24/2017
Contractor Suspended Date: Not reported
Contractor Cnty Code: 17
Contractor Street Address: PO BOX 81005
Contractor City: SEATTLE
Contractor State: WA
Contractor Zip: 98108
Contractor Phone: 2062670746
Contractor Email: dees@aeconllc.com
Contractor Web Address: www.aeconllc.com
Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.

Facility Type: Residence
Parent ID: 115300
Form ID: 116043##1338Ameri908284
Notice Date: 04/25/2016
Start Date: 05/11/2016
Completion Date: 05/27/2016
Initial: Not reported
Amended: 1
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: Not reported
Contractor ID: 1338
Phone: 206-267-0746
Job Site CAS: Paul Woodford
Project Form Email: dees@aeconllc.com
Property Owner Name: Not reported
Property Owner Agent: Randy McElfresh
Property Owner Company: Quantum Management Services
Property Owner Address: PO Box 2170
Property Owner City: Lynnwood
Property Owner State: WA
Property Owner Zip4: 98036
Property Owner Phone: 253-778-0858
Job Site Room: Not reported
Facility Age: 30 yrs ago
Facility Size: 1100
Facility Remodel: 1
Facility Demo: Not reported
Facility Repair: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S119164640

Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	120
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Changed the CAS. AEC Job#16184
Date Time Submitted:	2016-05-11 09:16:25
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S119164640

Contractor:

Contractor ID: 1338
Contractor UBI: 602131386
Contractor Priority: L
Contractor Cris Num: AMERIEC996MB
Contractor Name: American Environmental Construction LLC
Contractor Status: Active
Contact Name: John Asselin
Contact Phone: 2062670746
Contact Fax: 2062670753
Contractor Cert Prn Date: 2016-06-22 00:00:00
Contractor Original Date: 08/08/2001
Contractor Effective Date: 06/24/2015
Contractor Renewal Letter Date: 04/18/2016
Contractor Exp Date: 06/24/2017
Contractor Suspended Date: Not reported
Contractor Cnty Code: 17
Contractor Street Address: PO BOX 81005
Contractor City: SEATTLE
Contractor State: WA
Contractor Zip: 98108
Contractor Phone: 2062670746
Contractor Email: dees@aeconllc.com
Contractor Web Address: www.aeconllc.com
Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last thre years. See David Johnson letter dated June 11, 2010.

Facility Type:

Residence
Parent ID: 115300
Form ID: 116058##1338Ameri937787
Notice Date: 04/25/2016
Start Date: 05/11/2016
Completion Date: 05/27/2016
Initial: Not reported
Amended: 1
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: Not reported
Contractor ID: 1338
Phone: 206-267-0746
Job Site CAS: Paul Woodford
Project Form Email: dees@aeconllc.com

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S119164640

Property Owner Name:	Not reported
Property Owner Agent:	Randy McElfresh
Property Owner Company:	Quantum Management Services
Property Owner Address:	PO Box 2170
Property Owner City:	Lynnwood
Property Owner State:	WA
Property Owner Zip4:	98036
Property Owner Phone:	253-778-0858
Job Site Room:	Not reported
Facility Age:	30 yrs ago
Facility Size:	1100
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	120
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S119164640

Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	This project is complete. AEC Job#16184
Date Time Submitted:	2016-05-11 13:19:12
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753
Contractor Cert Prn Date:	2016-06-22 00:00:00
Contractor Original Date:	08/08/2001
Contractor Effective Date:	06/24/2015
Contractor Renewal Letter Date:	04/18/2016
Contractor Exp Date:	06/24/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	PO BOX 81005
Contractor City:	SEATTLE
Contractor State:	WA
Contractor Zip:	98108
Contractor Phone:	2062670746
Contractor Email:	dees@aeconllc.com
Contractor Web Address:	www.aeconllc.com
Contractor Mail Street Address:	PO BOX 81005
Contractor Mail City:	SEATTLE
Contractor Mail State:	WA
Contractor Mail Zip:	98108
Contractor Memo:	On probation because of several violations with significant serious asbestos violations within the last three years. See David Johnson letter dated June 11, 2010.

A2 THE KIRKLAND HEIGHTS APARTMENTS
Target 13310 NE 133RD ST.
Property KIRKLAND, WA 98034

ASBESTOS S119178526
N/A

Site 2 of 2 in cluster A

ASBESTOS:	
Facility Type:	Commercial
Parent ID:	141546
Form ID:	142087##1338Ameri492941

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Notice Date: 04/27/2017
Start Date: 04/27/2017
Completion Date: 05/05/2017
Initial: Not reported
Amended: 1
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: Not reported
Contractor ID: 1338
Phone: 206-267-0746
Job Site CAS: David Wartes
Project Form Email: dees@aeconllc.com
Property Owner Name: Not reported
Property Owner Agent: Randy McElfresh
Property Owner Company: Quantum Management Services
Property Owner Address: 13310 NE 133rd St. #5A
Property Owner City: Kirkland
Property Owner State: WA
Property Owner Zip4: 98034
Property Owner Phone: 253-778-0858
Job Site Room: Not reported
Facility Age: 1970
Facility Size: Unknown
Facility Remodel: 1
Facility Demo: Not reported
Facility Repair: Not reported
Facility Maint: Not reported
Removed: 1
Encapsulated: Not reported
Quantity Sq Ft: 730
Fireproofing: Not reported
Popcorn Ceiling: 1
CAB: Not reported
Sheet Vinyl: Not reported
Asbestos Paper: Not reported
Boiler Insulation: Not reported
Duct Paper: Not reported
VAT: Not reported
Roofing: Not reported
Sq Ft Other: Not reported
Sq Ft Other Text: Not reported
Quantity Lin Ft: Not reported
Mag Pipe Insulation: Not reported
Air Cell Pipe Insulation: Not reported
Ducting Insulation: Not reported
Cement Asbestos Pipe: Not reported
Mudded Pipe Insulation: Not reported
Duct Tape: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Changed the CAS. AEC Job#17199
Date Time Submitted:	2017-04-27 09:47:29
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753
Contractor Cert Prn Date:	2016-06-22 00:00:00
Contractor Original Date:	08/08/2001
Contractor Effective Date:	06/24/2015
Contractor Renewal Letter Date:	04/18/2016
Contractor Exp Date:	06/24/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	PO BOX 81005
Contractor City:	SEATTLE
Contractor State:	WA
Contractor Zip:	98108
Contractor Phone:	2062670746

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Contractor Email: dees@aeconllc.com
Contractor Web Address: www.aeconllc.com
Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last three years. See David Johnson letter dated June 11, 2010.

Facility Type: Residence
Parent ID: 138537
Form ID: 139185##1338Ameri327578
Notice Date: 02/28/2017
Start Date: 02/24/2017
Completion Date: 02/28/2017
Initial: Not reported
Amended: 1
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: Not reported
Contractor ID: 1338
Phone: 206-267-0746
Job Site CAS: David Wartes
Project Form Email: dees@aeconllc.com
Property Owner Name: Not reported
Property Owner Agent: Randy McElfresh
Property Owner Company: Quantum Management Services
Property Owner Address: PO Box 2170
Property Owner City: Lynnwood
Property Owner State: WA
Property Owner Zip4: 98036
Property Owner Phone: 253-778-0858
Job Site Room: Not reported
Facility Age: 30 yrs ago
Facility Size: Unknown
Facility Remodel: 1
Facility Demo: Not reported
Facility Repair: Not reported
Facility Maint: Not reported
Removed: 1
Encapsulated: Not reported
Quantity Sq Ft: 896
Fireproofing: Not reported
Popcorn Ceiling: 1
CAB: Not reported
Sheet Vinyl: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	This project is complete. AEC Job#17072
Date Time Submitted:	2017-02-28 13:08:43
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Contact Phone: 2062670746
Contact Fax: 2062670753
Contractor Cert Prn Date: 2016-06-22 00:00:00
Contractor Original Date: 08/08/2001
Contractor Effective Date: 06/24/2015
Contractor Renewal Letter Date: 04/18/2016
Contractor Exp Date: 06/24/2017
Contractor Suspended Date: Not reported
Contractor Cnty Code: 17
Contractor Street Address: PO BOX 81005
Contractor City: SEATTLE
Contractor State: WA
Contractor Zip: 98108
Contractor Phone: 2062670746
Contractor Email: dees@aeconllc.com
Contractor Web Address: www.aeconllc.com
Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.

Facility Type: Apartment
Parent ID: 0
Form ID: 145670##1447Actio617737
Notice Date: 07/06/2017
Start Date: 07/16/2017
Completion Date: 08/30/2017
Initial: 1
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 a.m
Site Hours End: 4:00 p.m.
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: 1
Contractor ID: 1447
Phone: 206-793-1451
Job Site CAS: Lynn Bainton
Project Form Email: mike@actionabatement.net
Property Owner Name: Quantum Management
Property Owner Agent: Felix Cruz
Property Owner Company: Kirkland Height
Property Owner Address: 13310 NE 133rd Street #5A
Property Owner City: Kirkland
Property Owner State: WA
Property Owner Zip4: 98033
Property Owner Phone: 425-821-2228

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Job Site Room:	Not reported
Facility Age:	1974
Facility Size:	1,000
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	800
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	1
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-07-06 22:54:05
Submitter IP Address:	93.137.12.4
Region:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

UBI: Not reported
Notice type: Not reported
Project Type: Not reported
Supervisor: Not reported
Supervisor Phone: Not reported
Certificate Status: Not reported

Contractor:

Contractor ID: 1447
Contractor UBI: 602817694
Contractor Priority: M
Contractor Cris Num: ACTIOAL924JM
Contractor Name: Action Abatement, LLC
Contractor Status: Active
Contact Name: Michael Correll
Contact Phone: 2067931451
Contact Fax: 4255628787
Contractor Cert Prn Date: 2016-04-12 00:00:00
Contractor Original Date: 04/14/2008
Contractor Effective Date: 04/08/2009
Contractor Renewal Letter Date: 01/22/2016
Contractor Exp Date: 04/14/2017
Contractor Suspended Date: Not reported
Contractor Cnty Code: 17
Contractor Street Address: 12204 SE 49TH ST
Contractor City: BELLEVUE
Contractor State: WA
Contractor Zip: 98006
Contractor Phone: 2067931451
Contractor Email: mike@actionabatement.net
Contractor Web Address: Not reported
Contractor Mail Street Address: 12204 SE 49TH ST
Contractor Mail City: BELLEVUE
Contractor Mail State: WA
Contractor Mail Zip: 98006
Contractor Memo: Notice letter of work practice concerns sent in April 2010 by Dave Johnson. LCG

Facility Type: Commercial
Parent ID: 141546
Form ID: 142254##1338Ameri176918
Notice Date: 05/01/2017
Start Date: 04/27/2017
Completion Date: 04/28/2017
Initial: Not reported
Amended: 1
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Saturday:	Not reported
Contractor ID:	1338
Phone:	206-267-0746
Job Site CAS:	David Wartes
Project Form Email:	dees@aeconllc.com
Property Owner Name:	Not reported
Property Owner Agent:	Randy McElfresh
Property Owner Company:	Quantum Management Services
Property Owner Address:	13310 NE 133rd St. #5A
Property Owner City:	Kirkland
Property Owner State:	WA
Property Owner Zip4:	98034
Property Owner Phone:	253-778-0858
Job Site Room:	Not reported
Facility Age:	1970
Facility Size:	Unknown
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	730
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Other CM2: Not reported
Other CM2 Text: Not reported
Half Mask APR: Not reported
Full Face APR: Not reported
PAPR: Not reported
Type C Continuous: Not reported
Type C Pressure: 1
Other Resp Pro: Not reported
Other Resp Pro Text: Not reported
Comments: This project is complete. AEC Job#17199
Date Time Submitted: 2017-05-01 10:21:23
Submitter IP Address: 67.139.105.230
Region: Not reported
UBI: Not reported
Notice type: Not reported
Project Type: Not reported
Supervisor: Not reported
Supervisor Phone: Not reported
Certificate Status: Not reported

Contractor:

Contractor ID: 1338
Contractor UBI: 602131386
Contractor Priority: L
Contractor Cris Num: AMERIEC996MB
Contractor Name: American Environmental Construction LLC
Contractor Status: Active
Contact Name: John Asselin
Contact Phone: 2062670746
Contact Fax: 2062670753
Contractor Cert Prn Date: 2016-06-22 00:00:00
Contractor Original Date: 08/08/2001
Contractor Effective Date: 06/24/2015
Contractor Renewal Letter Date: 04/18/2016
Contractor Exp Date: 06/24/2017
Contractor Suspended Date: Not reported
Contractor Cnty Code: 17
Contractor Street Address: PO BOX 81005
Contractor City: SEATTLE
Contractor State: WA
Contractor Zip: 98108
Contractor Phone: 2062670746
Contractor Email: dees@aeconllc.com
Contractor Web Address: www.aeconllc.com
Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.

Facility Type: Residence
Parent ID: 138537
Form ID: 139015##1338Ameri485220
Notice Date: 02/24/2017
Start Date: 02/24/2017

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Completion Date:	03/03/2017
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	1338
Phone:	206-267-0746
Job Site CAS:	David Wartes
Project Form Email:	dees@aeconllc.com
Property Owner Name:	Not reported
Property Owner Agent:	Randy McElfresh
Property Owner Company:	Quantum Management Services
Property Owner Address:	PO Box 2170
Property Owner City:	Lynnwood
Property Owner State:	WA
Property Owner Zip4:	98036
Property Owner Phone:	253-778-0858
Job Site Room:	Not reported
Facility Age:	30 yrs ago
Facility Size:	Unknown
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	896
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Changed the CAS. AEC Job#17072
Date Time Submitted:	2017-02-24 08:39:25
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753
Contractor Cert Prn Date:	2016-06-22 00:00:00
Contractor Original Date:	08/08/2001
Contractor Effective Date:	06/24/2015
Contractor Renewal Letter Date:	04/18/2016
Contractor Exp Date:	06/24/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	PO BOX 81005
Contractor City:	SEATTLE
Contractor State:	WA
Contractor Zip:	98108
Contractor Phone:	2062670746
Contractor Email:	dees@aeconllc.com
Contractor Web Address:	www.aeconllc.com

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.

Facility Type: Commerical
Parent ID: 0
Form ID: 83211##1338Ameri761184
Notice Date: 03/28/2014
Start Date: 04/14/2014
Completion Date: 04/30/2014
Initial: 1
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: Not reported
Contractor ID: 1338
Phone: 206-267-0746
Job Site CAS: John Asselin
Project Form Email: dees@aeconllc.com
Property Owner Name: Not reported
Property Owner Agent: Roberta Parker
Property Owner Company: Kirkland Heights Apartments
Property Owner Address: 13310 NE 133rd St.
Property Owner City: Kirkland
Property Owner State: WA
Property Owner Zip4: 98034
Property Owner Phone: 425-821-2228
Job Site Room: Unit B-9
Facility Age: 1973
Facility Size: 1475
Facility Remodel: 1
Facility Demo: Not reported
Facility Repair: Not reported
Facility Maint: Not reported
Removed: 1
Encapsulated: Not reported
Quantity Sq Ft: 250
Fireproofing: Not reported
Popcorn Ceiling: 1
CAB: Not reported
Sheet Vinyl: Not reported
Asbestos Paper: Not reported
Boiler Insulation: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	AEC Job#14186
Date Time Submitted:	2014-03-28 11:38:58
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Contractor Cert Prn Date: 2016-06-22 00:00:00
Contractor Original Date: 08/08/2001
Contractor Effective Date: 06/24/2015
Contractor Renewal Letter Date: 04/18/2016
Contractor Exp Date: 06/24/2017
Contractor Suspended Date: Not reported
Contractor Cnty Code: 17
Contractor Street Address: PO BOX 81005
Contractor City: SEATTLE
Contractor State: WA
Contractor Zip: 98108
Contractor Phone: 2062670746
Contractor Email: dees@aeconllc.com
Contractor Web Address: www.aeconllc.com
Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.

Facility Type: Commerical
Parent ID: 83211
Form ID: 83769##1338Ameri630593
Notice Date: 03/28/2014
Start Date: 04/14/2014
Completion Date: 04/30/2014
Initial: Not reported
Amended: 1
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: Not reported
Contractor ID: 1338
Phone: 206-267-0746
Job Site CAS: Charley Bainard
Project Form Email: dees@aeconllc.com
Property Owner Name: Not reported
Property Owner Agent: Roberta Parker
Property Owner Company: Kirkland Heights Apartments
Property Owner Address: 13310 NE 133rd St.
Property Owner City: Kirkland
Property Owner State: WA
Property Owner Zip4: 98034
Property Owner Phone: 425-821-2228
Job Site Room: Unit B-9
Facility Age: 1973

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Facility Size:	1475
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	250
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	1
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Changed the CAS. AEC Job#14186
Date Time Submitted:	2014-04-14 09:55:41
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753
Contractor Cert Prn Date:	2016-06-22 00:00:00
Contractor Original Date:	08/08/2001
Contractor Effective Date:	06/24/2015
Contractor Renewal Letter Date:	04/18/2016
Contractor Exp Date:	06/24/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	PO BOX 81005
Contractor City:	SEATTLE
Contractor State:	WA
Contractor Zip:	98108
Contractor Phone:	2062670746
Contractor Email:	dees@aeconllc.com
Contractor Web Address:	www.aeconllc.com
Contractor Mail Street Address:	PO BOX 81005
Contractor Mail City:	SEATTLE
Contractor Mail State:	WA
Contractor Mail Zip:	98108
Contractor Memo:	On probation because of several violations with significant serious asbestos violations within the last ththree years. See David Johnson letter dated June 11, 2010.
Facility Type:	Commerical
Parent ID:	83211
Form ID:	83826##1338Ameri603405
Notice Date:	03/28/2014
Start Date:	04/14/2014
Completion Date:	04/14/2014
Initial:	Not reported
Amended:	1
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Contractor ID:	1338
Phone:	206-267-0746
Job Site CAS:	Charley Bainard
Project Form Email:	dees@aeconllc.com
Property Owner Name:	Not reported
Property Owner Agent:	Roberta Parker
Property Owner Company:	Kirkland Heights Apartments
Property Owner Address:	13310 NE 133rd St.
Property Owner City:	Kirkland
Property Owner State:	WA
Property Owner Zip4:	98034
Property Owner Phone:	425-821-2228
Job Site Room:	Unit B-9
Facility Age:	1973
Facility Size:	1475
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	250
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Other CM2 Text: Not reported
Half Mask APR: Not reported
Full Face APR: Not reported
PAPR: 1
Type C Continuous: Not reported
Type C Pressure: Not reported
Other Resp Pro: Not reported
Other Resp Pro Text: Not reported
Comments: This project is complete. AEC Job#14186
Date Time Submitted: 2014-04-15 08:19:02
Submitter IP Address: 67.139.105.230
Region: Not reported
UBI: Not reported
Notice type: Not reported
Project Type: Not reported
Supervisor: Not reported
Supervisor Phone: Not reported
Certificate Status: Not reported

Contractor:

Contractor ID: 1338
Contractor UBI: 602131386
Contractor Priority: L
Contractor Cris Num: AMERIEC996MB
Contractor Name: American Environmental Construction LLC
Contractor Status: Active
Contact Name: John Asselin
Contact Phone: 2062670746
Contact Fax: 2062670753
Contractor Cert Prn Date: 2016-06-22 00:00:00
Contractor Original Date: 08/08/2001
Contractor Effective Date: 06/24/2015
Contractor Renewal Letter Date: 04/18/2016
Contractor Exp Date: 06/24/2017
Contractor Suspended Date: Not reported
Contractor Cnty Code: 17
Contractor Street Address: PO BOX 81005
Contractor City: SEATTLE
Contractor State: WA
Contractor Zip: 98108
Contractor Phone: 2062670746
Contractor Email: dees@aeconllc.com
Contractor Web Address: www.aeconllc.com
Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.

Facility Type: Residential
Parent ID: 0
Form ID: 134122##1338Ameri307356
Notice Date: 10/26/2016
Start Date: 10/29/2016
Completion Date: 10/29/2016

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	1
Site Hours Start:	8:00 AM
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	Not reported
Tuesday:	Not reported
Wednesday:	Not reported
Thursday:	Not reported
Friday:	Not reported
Saturday:	1
Contractor ID:	1338
Phone:	206-267-0746
Job Site CAS:	Angel Gomez
Project Form Email:	dees@aeconllc.com
Property Owner Name:	Not reported
Property Owner Agent:	Randy McElfresh
Property Owner Company:	Quantum Management Services
Property Owner Address:	PO Box 2170
Property Owner City:	Lynnwood
Property Owner State:	WA
Property Owner Zip4:	98036
Property Owner Phone:	253-778-0858
Job Site Room:	Not reported
Facility Age:	40 yrs ago
Facility Size:	Unknown
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	52
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Asbestos Wall Texture
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	AEC Job#16537 The owner talked too John Stabbins and he approved the 10 day waiver.
Date Time Submitted:	2016-10-26 16:03:27
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753
Contractor Cert Prn Date:	2016-06-22 00:00:00
Contractor Original Date:	08/08/2001
Contractor Effective Date:	06/24/2015
Contractor Renewal Letter Date:	04/18/2016
Contractor Exp Date:	06/24/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	PO BOX 81005
Contractor City:	SEATTLE
Contractor State:	WA
Contractor Zip:	98108
Contractor Phone:	2062670746
Contractor Email:	dees@aeconllc.com
Contractor Web Address:	www.aeconllc.com

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Contractor Mail Street Address: PO BOX 81005
Contractor Mail City: SEATTLE
Contractor Mail State: WA
Contractor Mail Zip: 98108
Contractor Memo: On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.

Facility Type: Apartment
Parent ID: 145670
Form ID: 146983##1447Actio430349
Notice Date: 08/03/2017
Start Date: 07/16/2017
Completion Date: 08/30/2017
Initial: Not reported
Amended: 1
On Hold: 1
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 a.m.
Site Hours End: 4:00 p.m.
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: 1
Contractor ID: 1447
Phone: 206-793-1451
Job Site CAS: Lynn Bainton
Project Form Email: mike@actionabatement.net
Property Owner Name: Quantum Management
Property Owner Agent: Felix Cruz
Property Owner Company: Kirkland Height
Property Owner Address: 13310 NE 133rd Street #5A
Property Owner City: Kirkland
Property Owner State: WA
Property Owner Zip4: 98033
Property Owner Phone: 425-821-2228
Job Site Room: Not reported
Facility Age: 1974
Facility Size: 1,000
Facility Remodel: 1
Facility Demo: Not reported
Facility Repair: Not reported
Facility Maint: Not reported
Removed: 1
Encapsulated: Not reported
Quantity Sq Ft: 800
Fireproofing: Not reported
Popcorn Ceiling: 1
CAB: Not reported
Sheet Vinyl: Not reported
Asbestos Paper: Not reported
Boiler Insulation: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	1
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Not reported
Date Time Submitted:	2017-08-03 10:07:01
Submitter IP Address:	71.197.165.82
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1447
Contractor UBI:	602817694
Contractor Priority:	M
Contractor Cris Num:	ACTIOAL924JM
Contractor Name:	Action Abatement, LLC
Contractor Status:	Active
Contact Name:	Michael Correll
Contact Phone:	2067931451
Contact Fax:	4255628787

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Contractor Cert Prn Date: 2016-04-12 00:00:00
Contractor Original Date: 04/14/2008
Contractor Effective Date: 04/08/2009
Contractor Renewal Letter Date: 01/22/2016
Contractor Exp Date: 04/14/2017
Contractor Suspended Date: Not reported
Contractor Cnty Code: 17
Contractor Street Address: 12204 SE 49TH ST
Contractor City: BELLEVUE
Contractor State: WA
Contractor Zip: 98006
Contractor Phone: 2067931451
Contractor Email: mike@actionabatement.net
Contractor Web Address: Not reported
Contractor Mail Street Address: 12204 SE 49TH ST
Contractor Mail City: BELLEVUE
Contractor Mail State: WA
Contractor Mail Zip: 98006
Contractor Memo: Notice letter of work practice concerns sent in April 2010 by Dave Johnson. LCG

Facility Type: Commercial
Parent ID: 0
Form ID: 141546##1338Ameri420546
Notice Date: 04/17/2017
Start Date: 04/27/2017
Completion Date: 05/05/2017
Initial: 1
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 3:00 PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: Not reported
Contractor ID: 1338
Phone: 206-267-0746
Job Site CAS: John Asselin
Project Form Email: dees@aeconllc.com
Property Owner Name: Not reported
Property Owner Agent: Randy McElfresh
Property Owner Company: Quantum Management Services
Property Owner Address: 13310 NE 133rd St. #5A
Property Owner City: Kirkland
Property Owner State: WA
Property Owner Zip4: 98034
Property Owner Phone: 253-778-0858
Job Site Room: Not reported
Facility Age: 1970
Facility Size: Unknown

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	730
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	AEC Job#17199
Date Time Submitted:	2017-04-17 13:32:04
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753
Contractor Cert Prn Date:	2016-06-22 00:00:00
Contractor Original Date:	08/08/2001
Contractor Effective Date:	06/24/2015
Contractor Renewal Letter Date:	04/18/2016
Contractor Exp Date:	06/24/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	PO BOX 81005
Contractor City:	SEATTLE
Contractor State:	WA
Contractor Zip:	98108
Contractor Phone:	2062670746
Contractor Email:	dees@aeconllc.com
Contractor Web Address:	www.aeconllc.com
Contractor Mail Street Address:	PO BOX 81005
Contractor Mail City:	SEATTLE
Contractor Mail State:	WA
Contractor Mail Zip:	98108
Contractor Memo:	On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.
Facility Type:	Residence
Parent ID:	0
Form ID:	138537##1338Ameri408189
Notice Date:	02/14/2017
Start Date:	02/24/2017
Completion Date:	03/03/2017
Initial:	1
Amended:	Not reported
On Hold:	Not reported
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	8:00 AM
Site Hours End:	3:00 PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	1
Friday:	1
Saturday:	Not reported
Contractor ID:	1338

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Phone:	206-267-0746
Job Site CAS:	John Asselin
Project Form Email:	dees@aeconllc.com
Property Owner Name:	Not reported
Property Owner Agent:	Randy McElfresh
Property Owner Company:	Quantum Management Services
Property Owner Address:	PO Box 2170
Property Owner City:	Lynnwood
Property Owner State:	WA
Property Owner Zip4:	98036
Property Owner Phone:	253-778-0858
Job Site Room:	Not reported
Facility Age:	30 yrs ago
Facility Size:	Unknown
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	896
Fireproofing:	Not reported
Popcorn Ceiling:	1
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

THE KIRKLAND HEIGHTS APARTMENTS (Continued)

S119178526

Half Mask APR:	Not reported
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	1
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	AEC Job#17072
Date Time Submitted:	2017-02-14 10:02:25
Submitter IP Address:	67.139.105.230
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported

Contractor:

Contractor ID:	1338
Contractor UBI:	602131386
Contractor Priority:	L
Contractor Cris Num:	AMERIEC996MB
Contractor Name:	American Environmental Construction LLC
Contractor Status:	Active
Contact Name:	John Asselin
Contact Phone:	2062670746
Contact Fax:	2062670753
Contractor Cert Prn Date:	2016-06-22 00:00:00
Contractor Original Date:	08/08/2001
Contractor Effective Date:	06/24/2015
Contractor Renewal Letter Date:	04/18/2016
Contractor Exp Date:	06/24/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	PO BOX 81005
Contractor City:	SEATTLE
Contractor State:	WA
Contractor Zip:	98108
Contractor Phone:	2062670746
Contractor Email:	dees@aeconllc.com
Contractor Web Address:	www.aeconllc.com
Contractor Mail Street Address:	PO BOX 81005
Contractor Mail City:	SEATTLE
Contractor Mail State:	WA
Contractor Mail Zip:	98108
Contractor Memo:	On probation because of several violations with significant serious asbestos violations within the last threer years. See David Johnson letter dated June 11, 2010.

MAP FINDINGS

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

3
SE
< 1/8
0.003 mi.
15 ft.

VINTNERS RIDGE
NE 132ND ST & 136TH AVE NE
KIRKLAND, WA 98034

ALLSITES **S118486290**
N/A

ALLSITES:

Facility Name:	VINTNERS RIDGE
Facility Id:	5929
Interaction:	97062
Interaction 1:	A
Interaction 2:	CONSTSWGP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Vintner's Ridge
Program ID:	WAR125084
Date Interaction:	2011-05-09 00:00:00
Date Interaction 3:	Construction SW GP
Latitude:	47.719348930000002
Longitude:	-122.159222442

4
WSW
< 1/8
0.040 mi.
211 ft.

FRIENDS OF YOUTH CONSOLIDATED CAMPUS
13116 NE 132ND ST
KIRKLAND, WA 98034

ALLSITES **S111769798**
N/A

ALLSITES:

Facility Name:	FRIENDS OF YOUTH CONSOLIDATED CAMPUS
Facility Id:	19571
Interaction:	101534
Interaction 1:	I
Interaction 2:	CONSTSWGP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Friends of Youth Consolidated Campus
Program ID:	WAR125772
Date Interaction:	2012-05-01 00:00:00
Date Interaction 3:	Construction SW GP
Latitude:	47.719031549
Longitude:	-122.164723114

5
ENE
< 1/8
0.041 mi.
218 ft.

CALLAN RIDGE PUD
13240 136TH AVE NE
KIRKLAND, WA 98034

ALLSITES **S119162380**
N/A

ALLSITES:

Facility Name:	CALLAN RIDGE PUD
Facility Id:	18123
Interaction:	120359
Interaction 1:	A

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALLAN RIDGE PUD (Continued)

S119162380

Interaction 2: CONSTSWGP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: Callan Ridge PUD
Program ID: WAR304896
Date Interaction: 2016-11-15 00:00:00
Date Interaction 3: Construction SW GP
Latitude: 47.720369110999997
Longitude: -122.158386118

B6
SSE
< 1/8
0.110 mi.
583 ft.

VINTNERS WEST
13007 136TH AVE NE
KIRKLAND, WA 98034

Site 1 of 2 in cluster B

ALLSITES S116753524
ASBESTOS N/A

ALLSITES:

Facility Name: VINTNERS WEST
Facility Id: 18303

Interaction: 109103
Interaction 1: A
Interaction 2: CONSTSWGP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: Vintner's West
Program ID: WAR302071
Date Interaction: 2014-05-15 00:00:00
Date Interaction 3: Construction SW GP
Latitude: 47.717249449000001
Longitude: -122.158938943

ASBESTOS:

Facility Type: SFR
Parent ID: 0
Form ID: 92200##1427Affor586170
Notice Date: 10/22/2014
Start Date: 11/04/2014
Completion Date: 11/04/2014
Initial: 1
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 8:00 AM
Site Hours End: 2:30 PM
Sunday: Not reported
Monday: Not reported
Tuesday: 1
Wednesday: Not reported
Thursday: Not reported
Friday: Not reported
Saturday: Not reported
Contractor ID: 1427
Phone: 4255128750

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTNERS WEST (Continued)

S116753524

Job Site CAS:	Anthony Chase
Project Form Email:	ci@affenv.net
Property Owner Name:	Todd Rickabaugh
Property Owner Agent:	Not reported
Property Owner Company:	Not reported
Property Owner Address:	13007 136th Ave NE
Property Owner City:	Kirkland
Property Owner State:	WA
Property Owner Zip4:	98034
Property Owner Phone:	2538750212
Job Site Room:	Kitchen
Facility Age:	1970's
Facility Size:	240
Facility Remodel:	1
Facility Demo:	Not reported
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	240
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	1
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	Not reported
Sq Ft Other Text:	Not reported
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	1
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTNERS WEST (Continued)

S116753524

Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	1
Other Resp Pro Text:	PPE Pursuant to task
Comments:	Not reported
Date Time Submitted:	2014-10-22 13:56:18
Submitter IP Address:	67.183.174.255
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1427
Contractor UBI:	602577245
Contractor Priority:	M
Contractor Cris Num:	AFFORE1942DT
Contractor Name:	Affordable Environmental, Inc
Contractor Status:	Active
Contact Name:	Anthony Chase
Contact Phone:	4255128750
Contact Fax:	4252129805
Contractor Cert Prn Date:	2016-04-04 00:00:00
Contractor Original Date:	10/24/2006
Contractor Effective Date:	04/10/2009
Contractor Renewal Letter Date:	01/22/2016
Contractor Exp Date:	03/30/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	31
Contractor Street Address:	PO BOX 40
Contractor City:	MOUNTLAKE TERRACE
Contractor State:	WA
Contractor Zip:	98043
Contractor Phone:	4255128750
Contractor Email:	tc@affenv.net
Contractor Web Address:	www.affenv.net
Contractor Mail Street Address:	PO BOX 40
Contractor Mail City:	MOUNTLAKE TERRACE
Contractor Mail State:	WA
Contractor Mail Zip:	98043
Contractor Memo:	Not reported

B7
SSE
1/8-1/4
0.140 mi.
740 ft.

MARINWOOD
12864 136TH AVE NE
KIRKLAND, WA 98034
Site 2 of 2 in cluster B

ALLSITES S117804944
NPDES N/A

ALLSITES:
Facility Name: MARINWOOD
Facility Id: 3117

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MARINWOOD (Continued)

S117804944

Interaction: 113033
Interaction 1: A
Interaction 2: CONSTSWGP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: Marinwood
Program ID: WAR302997
Date Interaction: 2015-04-29 00:00:00
Date Interaction 3: Construction SW GP
Latitude: 47.716661696000003
Longitude: -122.159976915

NPDES:

Facility Status: Not reported
Facility Type: Construction SW GP
Admin Region: Headquarters
Date Issued: 11/18/2015
Latitude: Not reported
Longitude: Not reported
Permit ID: WAR302997
Permit Version: Not reported
Permit Status: Active
Permit SubStatus: Not reported
Ecology Contact: Not reported
WRIA: Not reported
Permit Expiration Date: 12/31/2020
Effective Date: 01/01/2016
Days to Expiration: -897

8
NE
1/8-1/4
0.175 mi.
922 ft.

SAFEWAY INC FUEL STATION
13615 NE 137TH ST
KIRKLAND, WA 98034

ALLSITES S107486473
SPILLS N/A

ALLSITES:

Facility Name: SAFEWAY INC FUEL STATION
Facility Id: 8178313

Interaction: 22185
Interaction 1: A
Interaction 2: ENFORFNL
Ecology Program: SPILLS
Program Data: DMS
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 2005-09-13 00:00:00
Date Interaction 3: Enforcement Final
Latitude: 47.723036356999998
Longitude: -122.15815110699999

SPILLS:

Facility ID: 550412
Medium: Not reported
Material Desc: PETROLEUM - GASOLINE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SAFeway INC FUEL STATION (Continued)

S107486473

Material Qty: 1
Material Units: UNKNOWN
Date Received: 09/03/2005
Contact Name: Not reported
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

9
SSE
1/8-1/4
0.202 mi.
1067 ft.

MOMCO
12820 136TH AVE NE
KIRKLAND, WA 98034

ALLSITES S113427214
N/A

ALLSITES:

Facility Name: MOMCO
Facility Id: 9692

Interaction: 104589
Interaction 1: A
Interaction 2: CONSTSWGP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: Momco
Program ID: WAR126862
Date Interaction: 2013-03-13 00:00:00
Date Interaction 3: Construction SW GP
Latitude: 47.715703947000002
Longitude: -122.157915747

10
SSE
1/8-1/4
0.218 mi.
1152 ft.

MERITAGE RIDGE
12817 136TH AVE NE
KIRKLAND, WA 98034

ALLSITES S117450563
N/A

ALLSITES:

Facility Name: MERITAGE RIDGE
Facility Id: 7423

Interaction: 111286
Interaction 1: I
Interaction 2: CONSTSWGP
Ecology Program: WATQUAL
Program Data: PARIS

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MERITAGE RIDGE (Continued)

S117450563

Facility Alt.: Meritage Ridge
Program ID: WAR302604
Date Interaction: 2015-01-12 00:00:00
Date Interaction 3: Construction SW GP
Latitude: 47.715505501000003
Longitude: -122.159534596

11
SE
1/4-1/2
0.251 mi.
1327 ft.

WILLOWS TECH CENTER SOUTH
NW CORNER OF 141ST AVE NE
WOODINVILLE, WA 98073

ALLSITES 1011266601
FINDS N/A

ALLSITES:

Facility Name: WILLOWS TECH CENTER SOUTH
Facility Id: 5764418

Interaction: 17490
Interaction 1: A
Interaction 2: ENFORFNL
Ecology Program: WATQUAL
Program Data: DMS
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 2008-01-03 00:00:00
Date Interaction 3: Enforcement Final
Latitude: 47.716761464999998
Longitude: -122.15371914799999

FINDS:

Registry ID: 110036123771

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.

MAP FINDINGS

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

12
NW
1/4-1/2
0.257 mi.
1355 ft.
GOLDEN PENN OIL CO OF SEATTLE
13614 129 PL NE
KIRKLAND, WA 99033
SEMS-ARCHIVE
1003880342
WAD085197945

SEMS Archive:
Site ID: 1000798
EPA ID: WAD085197945
Cong District: 1
FIPS Code: 53033
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 10
Site ID: 1000798
EPA ID: WAD085197945
Site Name: GOLDEN PENN OIL CO OF SEATTLE
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1985-04-30 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 10
Site ID: 1000798
EPA ID: WAD085197945
Site Name: GOLDEN PENN OIL CO OF SEATTLE
NPL: N
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1979-07-01 00:00:00
Finish Date: 1979-07-01 00:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 10
Site ID: 1000798
EPA ID: WAD085197945
Site Name: GOLDEN PENN OIL CO OF SEATTLE
NPL: N
FF: N
OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1985-04-16 00:00:00
Finish Date: 1985-04-30 00:00:00
Qual: N
Current Action Lead: St Perf

MAP FINDINGS

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

C13
SSE
1/4-1/2
0.284 mi.
1501 ft.
ULTIMATE MOTOR WORKS
13635 NE 126TH PL STE 250
KIRKLAND, WA 98034
Site 1 of 5 in cluster C
ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
1004794160
WAD988493912

ALLSITES:

Facility Name: ULTIMATE MOTOR WORKS
Facility Id: 45294548

Interaction: 45684
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988493912
Date Interaction: 1991-09-23 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.714004357999997
Longitude: -122.160245108

RCRA NonGen / NLR:

Date form received by agency: 06/18/2004
Facility name: ULTIMATE MOTOR WORKS
Facility address: 13635 NE 126TH PL STE 250
KIRKLAND, WA 98034
EPA ID: WAD988493912
Contact: ULTIMATE MOTOR ULTIMATE MOTOR
Contact address: 13635 NE 126TH PL STE 250
KIRKLAND, WA 98034-8727
Contact country: US
Contact telephone: 000-000-0000
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: PETER J
Owner/operator address: 13635 NE 126TH PL STE 250
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-823-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/01/1984
Owner/Op end date: Not reported

Owner/operator name: PETGOR INC P
Owner/operator address: 13635 NE 126TH PL ST 250
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-823-1212

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ULTIMATE MOTOR WORKS (Continued)

1004794160

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/2000
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/31/2003
Site name: ULTIMATE MOTOR WORKS
Classification: Not a generator, verified

Date form received by agency: 04/03/2001
Site name: ULTIMATE MOTOR WORKS
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005366503

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.

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HAZARDOUS WASTE BIENNIAL REPORTER

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ULTIMATE MOTOR WORKS (Continued)

1004794160

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

ECHO:

Envid: 1004794160
Registry ID: 110005366503
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005366503>

C14
SSE
1/4-1/2
0.284 mi.
1502 ft.
COURTAULDS AEROSPACE
13625 NE 126TH PL
KIRKLAND, WA 98034
Site 2 of 5 in cluster C

ALLSITES **S109557233**
N/A

ALLSITES:

Facility Name: COURTAULDS AEROSPACE
Facility Id: 17397253

Interaction: 29918
Interaction 1: I
Interaction 2: HWP
Ecology Program: HAZWASTE
Program Data: HWPPRT
Facility Alt.: Not reported
Program ID: WAD988477642
Date Interaction: 1993-01-01 00:00:00
Date Interaction 3: Hazardous Waste Planner
Latitude: 47.713964357999998
Longitude: -122.16057510900001

Interaction: 29917
Interaction 1: I
Interaction 2: TRI
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD988477642
Date Interaction: 1991-01-01 00:00:00
Date Interaction 3: Toxics Release Inventory
Latitude: 47.713964357999998
Longitude: -122.16057510900001

Interaction: 29916
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988477642
Date Interaction: 1990-09-12 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713964357999998
Longitude: -122.16057510900001

MAP FINDINGS

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

C15
SSE
1/4-1/2
0.285 mi.
1505 ft.
BUCHAN BROTHERS CONSTRUCTION
13613 N 126TH PL
KIRKLAND, WA 98034
Site 3 of 5 in cluster C
ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
1000239445
WAD982656175

ALLSITES:

Facility Name: BUCHAN BROTHERS CONSTRUCTION
Facility Id: 88774427

Interaction: 70405
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD982656175
Date Interaction: 1989-03-15 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713944357999999
Longitude: -122.160725109

RCRA NonGen / NLR:

Date form received by agency: 03/15/1989
Facility name: BUCHAN BROTHERS CONSTRUCTION
Facility address: 13613 N 126TH PL
KIRKLAND, WA 98034
EPA ID: WAD982656175
Mailing address: 11555 NORTHUP WAY
BELLEVUE, WA 98004-1408
Contact: BUCHAN BROTHERS BUCHAN BROTHERS
Contact address: 11555 NORTHUP WAY
BELLEVUE, WA 98004-1408
Contact country: US
Contact telephone: 000-000-0000
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BUCHAN BROTHERS B
Owner/operator address: 13613 NE 126TH PL
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 000-000-0000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/02/1996
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BUCHAN BROTHERS CONSTRUCTION (Continued)

1000239445

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/15/1989
Site name: BUCHAN BROTHERS CONSTRUCTION
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005346964

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid: 1000239445
Registry ID: 110005346964
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005346964>

C16
SSE
1/4-1/2
0.285 mi.
1505 ft.
BUCHAN BROS CONSTRUCTION
13611 NE 126TH PL STE 215
KIRKLAND, WA 98034
Site 4 of 5 in cluster C

ALLSITES 1000993102
RCRA NonGen / NLR WAR000001347
FINDS
ECHO

ALLSITES:

Facility Name: BUCHAN BROS CONSTRUCTION
Facility Id: 48268117

Interaction: 47423
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BUCHAN BROS CONSTRUCTION (Continued)

1000993102

Facility Alt.: Not reported
Program ID: WAR000001347
Date Interaction: 1995-03-27 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713944357999999
Longitude: -122.160745108

RCRA NonGen / NLR:

Date form received by agency: 10/19/1995
Facility name: BUCHAN BROS CONSTRUCTION
Facility address: 13611 NE 126TH PL STE 215
KIRKLAND, WA 98034
EPA ID: WAR000001347
Mailing address: 11555 NORTHUP WAY
BELLEVUE, WA 98004
Contact: BUCHAN BROTHERS BUCHAN BROTHERS
Contact address: 11555 NORTHUP WAY
BELLEVUE, WA 98004
Contact country: US
Contact telephone: 425-827-9499
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BUCHAN BROTHERS B
Owner/operator address: 11555 NORTHUP WAY
BELLEVUE, WA 98004
Owner/operator country: US
Owner/operator telephone: 425-827-9499
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/07/1996
Owner/Op end date: Not reported

Owner/operator name: BUCHAN BROTHERS B
Owner/operator address: 11555 NORTHUP WAY
BELLEVUE, WA 98004
Owner/operator country: US
Owner/operator telephone: 425-827-9499
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/07/1996
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BUCHAN BROS CONSTRUCTION (Continued)

1000993102

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

. Waste code: D026
. Waste name: CRESOL

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:

Date form received by agency: 04/20/1995
Site name: BUCHAN BROS CONSTRUCTION
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005399185

Environmental Interest/Information System

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MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BUCHAN BROS CONSTRUCTION (Continued)

1000993102

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

ECHO:

Envid: 1000993102
Registry ID: 110005399185
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005399185>

C17
SSE
1/4-1/2
0.287 mi.
1517 ft.

TOTEM LAKE AUTO TRUCK REPAIR

13637 NE 126TH PL
KIRKLAND, WA 98034

Site 5 of 5 in cluster C

ALLSITES 1004793126
RCRA NonGen / NLR WA0000016170
FINDS
ECHO
MANIFEST

ALLSITES:

Facility Name: TOTEM LAKE AUTO TRUCK REPAIR
Facility Id: 97821976

Interaction: 75633
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WA0000016170
Date Interaction: 1993-09-30 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.714014357000003
Longitude: -122.160225109

RCRA NonGen / NLR:

Date form received by agency: 01/27/2006
Facility name: TOTEM LAKE AUTO TRUCK REPAIR
Facility address: 13637 NE 126TH PL
KIRKLAND, WA 98034
EPA ID: WA0000016170
Contact: GENE SORENSEN
Contact address: 13637 NE 126TH PL
KIRKLAND, WA 98034
Contact country: US
Contact telephone: 425-823-1585
Contact email: GJSOREN481@AOL.COM
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE AUTO TRUCK REPAIR (Continued)

1004793126

Owner/operator name: TOTEM LAKE AUTO & TRUCK REPAIR, INC.
Owner/operator address: 13637 NE 126TH PL
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/01/1982
Owner/Op end date: Not reported

Owner/operator name: TOTEM LAKE AUTO TRUCK REPAIR
Owner/operator address: 13637 NE 126TH PL
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/01/1982
Owner/Op end date: Not reported

Owner/operator name: BUCHAN BROS INVESTMENT PROP
Owner/operator address: 11555 NORTHUP WAY
BELLEVUE, WA 98004
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE AUTO TRUCK REPAIR (Continued)

1004793126

Historical Generators:

Date form received by agency: 12/31/2005

Site name: TOTEM LAKE AUTO TRUCK REPAIR

Classification: Not a generator, verified

Date form received by agency: 12/31/2003

Site name: TOTEM LAKE AUTO TRUCK REPAIR

Classification: Not a generator, verified

Date form received by agency: 08/17/1993

Site name: TOTEM LAKE AUTO & TRUCK REPAIR

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005301057

Environmental Interest/Information System

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HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1004793126

Registry ID: 110005301057

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005301057>

WA MANIFEST:

Facility Site ID Number: 97821976

EPA ID: WA0000016170

NAICS: 811111

SWC Desc: Not reported

FWC Desc: Not reported

Form Comm: Not reported

Data Year: Not reported

Permit by Rule: No

Treatment by Generator: No

Mixed radioactive waste: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE AUTO TRUCK REPAIR (Continued)

1004793126

Importer of hazardous waste: No
 Immediate recycler: No
 Treatment/Storage/Disposal/Recycling Facility: No
 Generator of dangerous fuel waste: No
 Generator marketing to burner: No
 Other marketers (i.e., blender, distributor, etc.): No
 Utility boiler burner: No
 Industry boiler burner: No
 Industrial Furnace: No
 Smelter deferral: No
 Universal waste - batteries - generate: No
 Universal waste - thermostats - generate: No
 Universal waste - mercury - generate: No
 Universal waste - lamps - generate: No
 Universal waste - batteries - accumulate: No
 Universal waste - thermostats - accumulate: No
 Universal waste - mercury - accumulate: No
 Universal waste - lamps - accumulate: No
 Destination Facility for Universal Waste: No
 Off-specification used oil burner - utility boiler: No
 Off-specification used oil burner - industrial boiler: No
 Off-specification used oil burner - industrial furnace: No
 Tax Reg #: 600540706
 Business Type: car and truck repair
 Mail Name: Totem Lake Auto Truck Repair
 Mail addr line1: 13637 NE 126TH PL
 Mail city,st,zip: KIRKLAND, WA 98034-8705
 Mail country: UNITED STATES
 Legal org name: Totem Lake Auto Truck Repair
 Legal org type: Private
 Legal addr line1: 13637 NE 126TH PL
 Legal city,st,zip: KIRKLAND, WA 98034-8705
 Legal country: UNITED STATES
 Legal phone nbr: (425)823-1585
 Legal effective date: 12/01/1982
 Land org name: Buchan Bros Investment Prop
 Land org type: Private
 Land person name: Not reported
 Land addr line1: 11555 Northup Way
 Land city,st,zip: BELLEVUE, WA 98004
 Land country: UNITED STATES
 Land phone nbr: (425)827-9499
 Operator org name: Totem Lake Auto & Truck Repair Inc.
 Operator org type: Private
 Operator addr line1: 13637 NE 126th Pl
 Operator city,st,zip: Kirkland, WA 98034
 Operator country: UNITED STATES
 Operator phone nbr: 4258231585
 Operator effective date: 12/01/1982
 Site contact name: Gene Sorensen
 Site contact addr line1: 13637 NE 126th Pl
 Site Contact City/State/ Zip: KIRKLAND, WA 98034
 Site Contact Country: UNITED STATES
 Site Contact Phone #: (425)823-1585
 Site Contact EMail: Not reported
 Form Contact NAME: Gene Sorensen
 Form Contact ADDR LINE1: 13637 NE 126th Pl

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE AUTO TRUCK REPAIR (Continued)

1004793126

Form Contact City,ST,Zip: KIRKLAND, WA 98034
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)823-1583
Form Contact EMail: gjsoren481@AOL.COM
Gen Status CD: SQG
Monthly Generation: Yes
Batch Generation: No
One Time Generation: No
Transport Own Waste: No
Tranports Other Waste: No
Recycler Onsite: No
Transfer Facility: No
Other Exemption: Not reported
UW Battery Gen: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Fuel Marketer Directs Shipments: No
Used Oil Fuel Marketer Meets Specs: No

18
SE
1/4-1/2
0.300 mi.
1585 ft.

ASTRONICS ADVANCED ELECTRONIC SYSTEMS KIRKLAND
12950 WILLOWS RD NE
KIRKLAND, WA 98034

ALLSITES S118641021
N/A

ALLSITES:

Facility Name: ASTRONICS ADVANCED ELECTRONIC SYSTEMS KIRKLAND
Facility Id: 8688

Interaction: 116848
Interaction 1: A
Interaction 2: 401PROJ
Ecology Program: SEA
Program Data: AQUATICS
Facility Alt.: ASTRONICS ADVANCED ELECTRONIC SYSTEMS KIRKLAND
Program ID: 201400283
Date Interaction: 2016-02-11 00:00:00
Date Interaction 3: 401CZM Project Site
Latitude: 47.720776991000001
Longitude: -122.15165428500001

Interaction: 117102
Interaction 1: A
Interaction 2: NONENFNL
Ecology Program: SEA
Program Data: DMS
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 2016-02-22 00:00:00
Date Interaction 3: Non Enforcement Final
Latitude: 47.720776991000001
Longitude: -122.15165428500001

MAP FINDINGS

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

D19
South
1/4-1/2
0.324 mi.
1709 ft.
SNO KING SHEET METAL JATC
13513 NE 126 PL STE A
KIRKLAND, WA 98034
Site 1 of 2 in cluster D

ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
1000838438
WAD988512190

ALLSITES:

Facility Name: SNO KING SHEET METAL JATC
Facility Id: 42625341
Interaction: 43885
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988512190
Date Interaction: 1992-09-21 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713764357999999
Longitude: -122.161985108

RCRA NonGen / NLR:

Date form received by agency: 01/28/1994
Facility name: SNO KING SHEET METAL JATC
Facility address: 13513 NE 126 PL STE A
KIRKLAND, WA 98034-8725
EPA ID: WAD988512190
Contact: Not reported
Contact address: 13513 NE 126 PL STE A
KIRKLAND, WA 98034-8725
Contact country: Not reported
Contact telephone: 000-000-0000
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SNO KING SHEET METAL JATC
Owner/operator address: 13513 NE 126TH PL STE A
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 000-000-0000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SEE PAPER COPY
Owner/operator address: 13513 NE 126 PL STE A
KIRKLAND, WA 98034
Owner/operator country: Not reported
Owner/operator telephone: 000-000-0000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SNO KING SHEET METAL JATC (Continued)

1000838438

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency:01/28/1994
Site name: SNO KING SHEET METAL JATC
Classification: Not a generator, verified

Date form received by agency:01/01/1994
Site name: SNO KING SHEET METAL JATC
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005379492

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid: 1000838438
Registry ID: 110005379492
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005379492>

MAP FINDINGS

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

D20
South
1/4-1/2
0.324 mi.
1709 ft.
CREATIVE LABEL INC KIRKLAND
13513 NE 126TH PL
KIRKLAND, WA 98034
Site 2 of 2 in cluster D

ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
ASBESTOS
MANIFEST
1000159513
WAD982654410

ALLSITES:

Facility Name: CREATIVE LABEL INC KIRKLAND
Facility Id: 12871481

Interaction: 27171
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD982654410
Date Interaction: 1989-03-24 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713764357999999
Longitude: -122.161985108

Interaction: 95182
Interaction 1: I
Interaction 2: HWOTHER
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Creative Label Inc Kirkland
Program ID: WAD982654410
Date Interaction: 2010-12-31 00:00:00
Date Interaction 3: Haz Waste Management Acti
Latitude: 47.713764357999999
Longitude: -122.161985108

RCRA NonGen / NLR:

Date form received by agency: 07/17/2014
Facility name: CREATIVE LABEL INC KIRKLAND
Facility address: 13513 NE 126TH PL
KIRKLAND, WA 98034
EPA ID: WAD982654410
Mailing address: 13513 NE 126TH PL STE D
KIRKLAND, WA 98034-8725
Contact: ROBERT KIGER
Contact address: 13513 NE 126TH PL STE D
KIRKLAND, WA 98034-8725
Contact country: US
Contact telephone: 425-821-8810
Contact email: BOB@CLABEL.COM
EPA Region: 10
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CREATIVE LABEL INC

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Owner/operator address: 13513 NE 126TH PL STE D
KIRKLAND, WA 98034

Owner/operator country: US
Owner/operator telephone: 425-821-8810
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CREATIVE LABEL INC
Owner/operator address: 13513 NE 126TH PL STE D
KIRKLAND, WA 98034

Owner/operator country: US
Owner/operator telephone: 425-821-8810
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/02/1996
Owner/Op end date: Not reported

Owner/operator name: CREATIVE LABEL INC
Owner/operator address: 13513 NE 126TH PL STE D
KIRKLAND, WA 98034

Owner/operator country: US
Owner/operator telephone: 425-821-8810
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CREATIVE LABEL INC
Owner/operator address: 13513 NE 126TH PL STE D
KIRKLAND, WA 98034

Owner/operator country: US
Owner/operator telephone: 425-821-8810
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/30/1997
Owner/Op end date: Not reported

Owner/operator name: ROBERT KIGER
Owner/operator address: 13513 NE 126TH PL STE D
KIRKLAND, WA 98034

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/30/1997
Owner/Op end date: Not reported

Owner/operator name: CREATIVE LABEL INC
Owner/operator address: 13513 NE 126TH PL STE D
KIRKLAND, WA 98034

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/02/1996
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/20/2012
Site name: CREATIVE LABEL INC KIRKLAND
Classification: Not a generator, verified

Date form received by agency: 01/04/2011
Site name: CREATIVE LABEL INC KIRKLAND
Classification: Not a generator, verified

Date form received by agency: 03/01/2010
Site name: CREATIVE LABEL INC KIRKLAND
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: WSQG
. Waste name: WSQG

Date form received by agency: 12/31/2007
Site name: CREATIVE LABEL INC KIRKLAND
Classification: Not a generator, verified

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Date form received by agency: 12/31/2005
Site name: CREATIVE LABEL INC KIRKLAND
Classification: Not a generator, verified

Date form received by agency: 12/31/2003
Site name: CREATIVE LABEL INC KIRKLAND
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 07/16/2014
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/11/1991
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005346241

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.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1000159513
Registry ID: 110005346241
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005346241>

ASBESTOS:

Facility Type: Office/Warehouse
Parent ID: 0

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Form ID: 81644##1411Const132517
Notice Date: 02/14/2014
Start Date: 02/17/2014
Completion Date: 02/21/2014
Initial: 1
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: 1
Site Hours Start: 7:00 a.m.
Site Hours End: 3:30 p.m.
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: 1
Friday: 1
Saturday: Not reported
Contractor ID: 1411
Phone: 425-487-2618
Job Site CAS: Larry Middaugh
Project Form Email: debraz@cgius.net
Property Owner Name: Jordan River Moving
Property Owner Agent: Sean Joseph
Property Owner Company: Jordan River Moving & Storage
Property Owner Address: 11801 NE 116th Street, Suite A
Property Owner City: Kirkland
Property Owner State: WA
Property Owner Zip4: 98034
Property Owner Phone: 206-236-0808
Job Site Room: Work Shop
Facility Age: 1980's
Facility Size: 15000
Facility Remodel: 1
Facility Demo: Not reported
Facility Repair: Not reported
Facility Maint: Not reported
Removed: 1
Encapsulated: Not reported
Quantity Sq Ft: 300
Fireproofing: Not reported
Popcorn Ceiling: Not reported
CAB: 1
Sheet Vinyl: Not reported
Asbestos Paper: Not reported
Boiler Insulation: Not reported
Duct Paper: Not reported
VAT: Not reported
Roofing: Not reported
Sq Ft Other: Not reported
Sq Ft Other Text: Not reported
Quantity Lin Ft: Not reported
Mag Pipe Insulation: Not reported
Air Cell Pipe Insulation: Not reported
Ducting Insulation: Not reported
Cement Asbestos Pipe: Not reported
Mudded Pipe Insulation: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	Not reported
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	Not reported
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	Not reported
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	1
Full Face APR:	Not reported
PAPR:	Not reported
Type C Continuous:	Not reported
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	Intact removal of CAB welding partitions so tenant can occupy the space. Only ACM item discovered in survey of structure completed last week.
Date Time Submitted:	2014-02-14 13:37:49
Submitter IP Address:	173.10.108.181
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1411
Contractor UBI:	602516973
Contractor Priority:	M
Contractor Cris Num:	CONSTGI953NA
Contractor Name:	Construction Group International, LLC
Contractor Status:	Active
Contact Name:	Debra Zentner
Contact Phone:	4254872618
Contact Fax:	4254872619
Contractor Cert Prn Date:	2016-07-19 00:00:00
Contractor Original Date:	08/23/2005
Contractor Effective Date:	08/07/2009
Contractor Renewal Letter Date:	05/16/2016
Contractor Exp Date:	08/10/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	19407 144TH AVE NE BLDG D
Contractor City:	WOODINVILLE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Contractor State: WA
Contractor Zip: 98072
Contractor Phone: 4254872618
Contractor Email: debraz@cgius.com
Contractor Web Address: Not reported
Contractor Mail Street Address: 19407 144TH AVE NE BLDG D
Contractor Mail City: WOODINVILLE
Contractor Mail State: WA
Contractor Mail Zip: 98072
Contractor Memo: Not reported

Facility Type: Welding Booth
Parent ID: 0
Form ID: 81652##1441MDAba138906
Notice Date: 02/14/2014
Start Date: 02/24/2014
Completion Date: 02/26/2014
Initial: 1
Amended: Not reported
On Hold: Not reported
Off Hold: Not reported
Emergency: Not reported
Site Hours Start: 9:00AM
Site Hours End: 3:30PM
Sunday: Not reported
Monday: 1
Tuesday: 1
Wednesday: 1
Thursday: Not reported
Friday: Not reported
Saturday: Not reported
Contractor ID: 1441
Phone: 425-637-9770
Job Site CAS: Tyson Willmorth
Project Form Email: dcushman@soseattle.com
Property Owner Name: Not reported
Property Owner Agent: Not reported
Property Owner Company: Western Washington steel
Property Owner Address: 13513 Ne 126th Pl
Property Owner City: Kirkland
Property Owner State: WA
Property Owner Zip4: 98034
Property Owner Phone: 206-391-0808
Job Site Room: Welding Booth
Facility Age: 1960
Facility Size: 500
Facility Remodel: Not reported
Facility Demo: 1
Facility Repair: Not reported
Facility Maint: Not reported
Removed: 1
Encapsulated: Not reported
Quantity Sq Ft: 500
Fireproofing: Not reported
Popcorn Ceiling: Not reported
CAB: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Asbestos Panrling
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported
Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	1
PAPR:	Not reported
Type C Continuous:	1
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	DC.
Date Time Submitted:	2014-02-14 15:43:27
Submitter IP Address:	204.11.206.166
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1441
Contractor UBI:	602843765
Contractor Priority:	M
Contractor Cris Num:	MDABADA923NK
Contractor Name:	M & D Abatement Services LLC
Contractor Status:	Active

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Contact Name:	Micheal Mack
Contact Phone:	4256379770
Contact Fax:	4256379769
Contractor Cert Prn Date:	2016-08-10 00:00:00
Contractor Original Date:	10/19/2007
Contractor Effective Date:	09/17/2009
Contractor Renewal Letter Date:	05/16/2016
Contractor Exp Date:	08/12/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	15000 WOODINVILLE REDMOND RD NE STE B600
Contractor City:	WOODINVILLE
Contractor State:	WA
Contractor Zip:	98072
Contractor Phone:	4256379770
Contractor Email:	mmack@soseattle.com
Contractor Web Address:	Not reported
Contractor Mail Street Address:	15000 WOODINVILLE REDMOND RD NE STE B600
Contractor Mail City:	WOODINVILLE
Contractor Mail State:	WA
Contractor Mail Zip:	98072
Contractor Memo:	Contractor has \$500.00 credit due to paying to much for certification. BDG 10/19/07 .License name & number has changed from L&M Services (DBA ServiceMaster of Seattle) SERVIMS944L9 to M & D Abatement Services LLC MDABADA923NK and UBI number has changed from 600-579-672 to 602-843-765 BDG 8/13/08 .Expiration date changed from 2/11 to 8/12. Contractor has \$416.65 credit. BDG 1/27/09 ..Contractor has total credit of \$916.65. Forgot about credit from 2007 & now has credit for 2008. When 2009 renewal is sent in, will send only \$83.33 for the remaining balance. BDG 1/30/09 From 2007-2009 contractor has accrued a total credit of 916.63 due to paying over the amount owed for renewal. On 1/27/09 contractor paid \$1000 & then on 9/17/09 contractor paid another \$9176.63 which means the contractor has a total amount of \$2833.26 in overpayments. I am putting in a request to Accountings for a refund request of \$1833.26 per the contractor's request. BDG 9/23/09
Facility Type:	Welding Booth
Parent ID:	81652
Form ID:	81930##1441MDAba534712
Notice Date:	02/14/2014
Start Date:	02/24/2014
Completion Date:	02/26/2014
Initial:	Not reported
Amended:	1
On Hold:	1
Off Hold:	Not reported
Emergency:	Not reported
Site Hours Start:	9:00AM
Site Hours End:	3:30PM
Sunday:	Not reported
Monday:	1
Tuesday:	1
Wednesday:	1
Thursday:	Not reported
Friday:	Not reported
Saturday:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Contractor ID:	1441
Phone:	425-637-9770
Job Site CAS:	Tyson Willmorth
Project Form Email:	dcushman@soseattle.com
Property Owner Name:	Not reported
Property Owner Agent:	Not reported
Property Owner Company:	Western Washington steel
Property Owner Address:	13513 Ne 126th Pl
Property Owner City:	Kirkland
Property Owner State:	WA
Property Owner Zip4:	98034
Property Owner Phone:	206-391-0808
Job Site Room:	Welding Booth
Facility Age:	1960
Facility Size:	500
Facility Remodel:	Not reported
Facility Demo:	1
Facility Repair:	Not reported
Facility Maint:	Not reported
Removed:	1
Encapsulated:	Not reported
Quantity Sq Ft:	500
Fireproofing:	Not reported
Popcorn Ceiling:	Not reported
CAB:	Not reported
Sheet Vinyl:	Not reported
Asbestos Paper:	Not reported
Boiler Insulation:	Not reported
Duct Paper:	Not reported
VAT:	Not reported
Roofing:	Not reported
Sq Ft Other:	1
Sq Ft Other Text:	Asbestos Panrling
Quantity Lin Ft:	Not reported
Mag Pipe Insulation:	Not reported
Air Cell Pipe Insulation:	Not reported
Ducting Insulation:	Not reported
Cement Asbestos Pipe:	Not reported
Mudded Pipe Insulation:	Not reported
Duct Tape:	Not reported
Lin Ft Other1:	Not reported
Lin Ft Other1 Text:	Not reported
Lin Ft Other2:	Not reported
Lin Ft Other2 Text:	Not reported
Indoors:	1
Outdoors:	Not reported
Neg Pres Enclosure:	1
Glove Bag:	Not reported
Mini Enclosure:	Not reported
Critical Barriers:	1
Wrap And Cut:	Not reported
Wet Methods:	Not reported
HEPA Vacuum:	1
MANUALMETHODS :	1
Other CM1:	Not reported
Other CM1 Text:	Not reported
Other CM2:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Other CM2 Text:	Not reported
Half Mask APR:	Not reported
Full Face APR:	1
PAPR:	Not reported
Type C Continuous:	1
Type C Pressure:	Not reported
Other Resp Pro:	Not reported
Other Resp Pro Text:	Not reported
Comments:	DC.
Date Time Submitted:	2014-02-24 07:48:30
Submitter IP Address:	204.11.206.166
Region:	Not reported
UBI:	Not reported
Notice type:	Not reported
Project Type:	Not reported
Supervisor:	Not reported
Supervisor Phone:	Not reported
Certificate Status:	Not reported
Contractor:	
Contractor ID:	1441
Contractor UBI:	602843765
Contractor Priority:	M
Contractor Cris Num:	MDABADA923NK
Contractor Name:	M & D Abatement Services LLC
Contractor Status:	Active
Contact Name:	Micheal Mack
Contact Phone:	4256379770
Contact Fax:	4256379769
Contractor Cert Prn Date:	2016-08-10 00:00:00
Contractor Original Date:	10/19/2007
Contractor Effective Date:	09/17/2009
Contractor Renewal Letter Date:	05/16/2016
Contractor Exp Date:	08/12/2017
Contractor Suspended Date:	Not reported
Contractor Cnty Code:	17
Contractor Street Address:	15000 WOODINVILLE REDMOND RD NE STE B600
Contractor City:	WOODINVILLE
Contractor State:	WA
Contractor Zip:	98072
Contractor Phone:	4256379770
Contractor Email:	mmack@soseattle.com
Contractor Web Address:	Not reported
Contractor Mail Street Address:	15000 WOODINVILLE REDMOND RD NE STE B600
Contractor Mail City:	WOODINVILLE
Contractor Mail State:	WA
Contractor Mail Zip:	98072
Contractor Memo:	Contractor has \$500.00 credit due to paying to much for certification. BDG 10/19/07 .License name & number has changed from L&M Services (DBA ServiceMaster of Seattle) SERVIMS944L9 to M & D Abatement Services LLC MDABADA923NK and UBI number has changed from 600-579-672 to 602-843-765 BDG 8/13/08 .Expiration date changed from 2/11 to 8/12. Contractor has \$416.65 credit. BDG 1/27/09 ..Contractor has total credit of \$916.65. Forgot about credit from 2007 & now has credit for 2008. When 2009 renewal is sent in, will send only \$83.33 for the remaining balance. BDG 1/30/09 From 2007-2009 contractor has accrued a total credit of 916.63 due to paying over the amount owed for renewal. On 1/27/09 contractor paid \$1000 & then on 9/17/09 contractor paid

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

another \$9176.63 which means the contractor has a total amount of \$2833.26 in overpayments. I am putting in a request to Accountings for a refund request of \$1833.26 per the contractor's request. BDG 9/23/09

WA MANIFEST:

Facility Site ID Number: 12871481
EPA ID: WAD982654410
NAICS: 323119
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2009
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 600462905
Business Type: Not reported
Mail Name: Creative Label Inc
Mail addr line1: 13513 NE 126TH PL STE D
Mail city,st,zip: KIRKLAND, WA 98034-8725
Mail country: UNITED STATES
Legal org name: Creative Label Inc
Legal org type: Private
Legal addr line1: 13513 NE 126TH PL STE D
Legal city,st,zip: KIRKLAND, WA 98034-8725
Legal country: UNITED STATES
Legal phone nbr: 425-821-8810
Legal effective date: 05/02/1996
Land org name: Creative Label Inc
Land org type: Private
Land person name: Not reported
Land addr line1: 13513 NE 126th Pl Ste D
Land city,st,zip: KIRKLAND, WA 98034
Land country: UNITED STATES

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Land phone nbr: 425-821-8810
Operator org name: Creative Label Inc
Operator org type: Private
Operator addr line1: 13513 NE 126TH PL STE D
Operator city,st,zip: KIRKLAND, WA 98034-8725
Operator country: UNITED STATES
Operator phone nbr: (425)821-8810
Operator effective date: 04/30/1997
Site contact name: Robert Kiger
Site contact addr line1: 13513 NE 126TH PL STE D
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8725
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8810
Site Contact EMail: Not reported
Form Contact NAME: Robert Kiger
Form Contact ADDR LINE1: 13513 NE 126TH PL STE D
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8725
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8810
Form Contact EMail: apclabel@nwlink.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: False
One Time Generation: True
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12871481
EPA ID: WAD982654410
NAICS: 323119
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 600462905
Business Type: Not reported
Mail Name: Creative Label Inc
Mail addr line1: 13513 NE 126TH PL STE D
Mail city,st,zip: KIRKLAND, WA 98034-8725
Mail country: UNITED STATES
Legal org name: Creative Label Inc
Legal org type: Private
Legal addr line1: 13513 NE 126TH PL STE D
Legal city,st,zip: KIRKLAND, WA 98034-8725
Legal country: UNITED STATES
Legal phone nbr: 425-821-8810
Legal effective date: 05/02/1996
Land org name: Creative Label Inc
Land org type: Private
Land person name: Not reported
Land addr line1: 13513 NE 126th Pl Ste D
Land city,st,zip: KIRKLAND, WA 98034
Land country: UNITED STATES
Land phone nbr: 425-821-8810
Operator org name: Creative Label Inc
Operator org type: Private
Operator addr line1: 13513 NE 126TH PL STE D
Operator city,st,zip: KIRKLAND, WA 98034-8725
Operator country: UNITED STATES
Operator phone nbr: (425)821-8810
Operator effective date: 04/30/1997
Site contact name: Robert Kiger
Site contact addr line1: 13513 NE 126TH PL STE D
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8725
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8810
Site Contact EMail: Not reported
Form Contact NAME: Robert Kiger
Form Contact ADDR LINE1: 13513 NE 126TH PL STE D
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8725
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8810
Form Contact EMail: apclabel@nwlink.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12871481
EPA ID: WAD982654410
NAICS: 323119
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: FALSE
Treatment by Generator: FALSE
Mixed radioactive waste: FALSE
Importer of hazardous waste: FALSE
Immediate recycler: FALSE
Treatment/Storage/Disposal/Recycling Facility: FALSE
Generator of dangerous fuel waste: FALSE
Generator marketing to burner: FALSE
Other marketers (i.e., blender, distributor, etc.): FALSE
Utility boiler burner: FALSE
Industry boiler burner: FALSE
Industrial Furnace: FALSE
Smelter deferral: FALSE
Universal waste - batteries - generate: FALSE
Universal waste - thermostats - generate: FALSE
Universal waste - mercury - generate: FALSE
Universal waste - lamps - generate: FALSE
Universal waste - batteries - accumulate: FALSE
Universal waste - thermostats - accumulate: FALSE
Universal waste - mercury - accumulate: FALSE
Universal waste - lamps - accumulate: FALSE
Destination Facility for Universal Waste: FALSE
Off-specification used oil burner - utility boiler: FALSE
Off-specification used oil burner - industrial boiler: FALSE
Off-specification used oil burner - industrial furnace: FALSE
Tax Reg #: 600462905
Business Type: Not reported
Mail Name: Creative Label Inc
Mail addr line1: 13513 NE 126TH PL STE D
Mail city,st,zip: KIRKLAND, WA 98034-8725
Mail country: UNITED STATES
Legal org name: Creative Label Inc
Legal org type: Private
Legal addr line1: 13513 NE 126TH PL STE D
Legal city,st,zip: KIRKLAND, WA 98034-8725
Legal country: UNITED STATES
Legal phone nbr: 425-821-8810

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Legal effective date: 05/02/1996
Land org name: Creative Label Inc
Land org type: Private
Land person name: Not reported
Land addr line1: 13513 NE 126th Pl Ste D
Land city,st,zip: KIRKLAND, WA 98034
Land country: UNITED STATES
Land phone nbr: 425-821-8810
Operator org name: Creative Label Inc
Operator org type: Private
Operator addr line1: 13513 NE 126TH PL STE D
Operator city,st,zip: KIRKLAND, WA 98034-8725
Operator country: UNITED STATES
Operator phone nbr: (425)821-8810
Operator effective date: 04/30/1997
Site contact name: Robert Kiger
Site contact addr line1: 13513 NE 126TH PL STE D
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8725
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8810
Site Contact EMail: Not reported
Form Contact NAME: Robert Kiger
Form Contact ADDR LINE1: 13513 NE 126TH PL STE D
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8725
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8810
Form Contact EMail: aplabel@nwlink.com
Gen Status CD: SQG
Monthly Generation: FALSE
Batch Generation: FALSE
One Time Generation: FALSE
Transport Own Waste: FALSE
Tranports Other Waste: FALSE
Recycler Onsite: FALSE
Transfer Facility: FALSE
Other Exemption: Not reported
UW Battery Gen: FALSE
Used Oil Transporter: FALSE
Used Oil Transfer Facility: FALSE
Used Oil Processor: FALSE
Used Oil Refiner: FALSE
Used Oil Fuel Marketer Directs Shipments: FALSE
Used Oil Fuel Marketer Meets Specs: FALSE

Facility Site ID Number: 12871481
EPA ID: WAD982654410
NAICS: 323119
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2008
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
Other marketers (i.e., blender, distributor, etc.):	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
Tax Reg #:	600462905
Business Type:	Not reported
Mail Name:	Creative Label Inc
Mail addr line1:	13513 NE 126TH PL STE D
Mail city,st,zip:	KIRKLAND, WA 98034-8725
Mail country:	UNITED STATES
Legal org name:	Creative Label Inc
Legal org type:	Private
Legal addr line1:	13513 NE 126TH PL STE D
Legal city,st,zip:	KIRKLAND, WA 98034-8725
Legal country:	UNITED STATES
Legal phone nbr:	425-821-8810
Legal effective date:	05/02/1996
Land org name:	Creative Label Inc
Land org type:	Private
Land person name:	Not reported
Land addr line1:	13513 NE 126th Pl Ste D
Land city,st,zip:	KIRKLAND, WA 98034
Land country:	UNITED STATES
Land phone nbr:	425-821-8810
Operator org name:	Creative Label Inc
Operator org type:	Private
Operator addr line1:	13513 NE 126TH PL STE D
Operator city,st,zip:	KIRKLAND, WA 98034-8725
Operator country:	UNITED STATES
Operator phone nbr:	(425)821-8810
Operator effective date:	04/30/1997
Site contact name:	Robert Kiger
Site contact addr line1:	13513 NE 126TH PL STE D
Site Contact City/State/ Zip:	KIRKLAND, WA 98034-8725
Site Contact Country:	UNITED STATES
Site Contact Phone #:	(425)821-8810
Site Contact EMail:	Not reported
Form Contact NAME:	Robert Kiger
Form Contact ADDR LINE1:	13513 NE 126TH PL STE D
Form Contact City,ST,Zip:	KIRKLAND, WA 98034-8725
Form Contact Country:	UNITED STATES

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Form Contact Phone #: (425)821-8810
Form Contact EMail: apclabel@nwlink.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12871481
EPA ID: WAD982654410
NAICS: 323119
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2011
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 600462905
Business Type: Not reported
Mail Name: Creative Label Inc
Mail addr line1: 13513 NE 126TH PL STE D
Mail city,st,zip: KIRKLAND, WA 98034-8725

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Mail country: UNITED STATES
Legal org name: Creative Label Inc
Legal org type: Private
Legal addr line1: 13513 NE 126TH PL STE D
Legal city,st,zip: KIRKLAND, WA 98034-8725
Legal country: UNITED STATES
Legal phone nbr: 425-821-8810
Legal effective date: 05/02/1996
Land org name: Creative Label Inc
Land org type: Private
Land person name: Not reported
Land addr line1: 13513 NE 126th Pl Ste D
Land city,st,zip: KIRKLAND, WA 98034
Land country: UNITED STATES
Land phone nbr: 425-821-8810
Operator org name: Creative Label Inc
Operator org type: Private
Operator addr line1: 13513 NE 126TH PL STE D
Operator city,st,zip: KIRKLAND, WA 98034-8725
Operator country: UNITED STATES
Operator phone nbr: (425)821-8810
Operator effective date: 04/30/1997
Site contact name: Robert Kiger
Site contact addr line1: 13513 NE 126TH PL STE D
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8725
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8810
Site Contact EMail: Not reported
Form Contact NAME: Robert Kiger
Form Contact ADDR LINE1: 13513 NE 126TH PL STE D
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8725
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8810
Form Contact EMail: bob@clabel.com
Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12871481
EPA ID: WAD982654410
NAICS: 323119
SWC Desc: Not reported
FWC Desc: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Form Comm: Not reported
Data Year: 2010
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 600462905
Business Type: Not reported
Mail Name: Creative Label Inc
Mail addr line1: 13513 NE 126TH PL STE D
Mail city,st,zip: KIRKLAND, WA 98034-8725
Mail country: UNITED STATES
Legal org name: Creative Label Inc
Legal org type: Private
Legal addr line1: 13513 NE 126TH PL STE D
Legal city,st,zip: KIRKLAND, WA 98034-8725
Legal country: UNITED STATES
Legal phone nbr: 425-821-8810
Legal effective date: 05/02/1996
Land org name: Creative Label Inc
Land org type: Private
Land person name: Not reported
Land addr line1: 13513 NE 126th Pl Ste D
Land city,st,zip: KIRKLAND, WA 98034
Land country: UNITED STATES
Land phone nbr: 425-821-8810
Operator org name: Creative Label Inc
Operator org type: Private
Operator addr line1: 13513 NE 126TH PL STE D
Operator city,st,zip: KIRKLAND, WA 98034-8725
Operator country: UNITED STATES
Operator phone nbr: (425)821-8810
Operator effective date: 04/30/1997
Site contact name: Robert Kiger
Site contact addr line1: 13513 NE 126TH PL STE D
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8725

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8810
Site Contact EMail: Not reported
Form Contact NAME: Robert Kiger
Form Contact ADDR LINE1: 13513 NE 126TH PL STE D
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8725
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8810
Form Contact EMail: bob@clabel.com
Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 12871481
EPA ID: WAD982654410
NAICS: 323119
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2012
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 600462905
Business Type: Not reported
Mail Name: Creative Label Inc
Mail addr line1: 13513 NE 126TH PL STE D
Mail city,st,zip: KIRKLAND, WA 98034-8725
Mail country: UNITED STATES
Legal org name: Creative Label Inc
Legal org type: Private
Legal addr line1: 13513 NE 126TH PL STE D
Legal city,st,zip: KIRKLAND, WA 98034-8725
Legal country: UNITED STATES
Legal phone nbr: 425-821-8810
Legal effective date: 05/02/1996
Land org name: Creative Label Inc
Land org type: Private
Land person name: Not reported
Land addr line1: 13513 NE 126th Pl Ste D
Land city,st,zip: KIRKLAND, WA 98034
Land country: UNITED STATES
Land phone nbr: 425-821-8810
Operator org name: Creative Label Inc
Operator org type: Private
Operator addr line1: 13513 NE 126TH PL STE D
Operator city,st,zip: KIRKLAND, WA 98034-8725
Operator country: UNITED STATES
Operator phone nbr: (425)821-8810
Operator effective date: 04/30/1997
Site contact name: Robert Kiger
Site contact addr line1: 13513 NE 126TH PL STE D
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8725
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8810
Site Contact EMail: Not reported
Form Contact NAME: Robert Kiger
Form Contact ADDR LINE1: 13513 NE 126TH PL STE D
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8725
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8810
Form Contact EMail: bob@clabel.com
Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Facility Site ID Number: 12871481
EPA ID: WAD982654410
NAICS: 323119
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: No
Treatment by Generator: No
Mixed radioactive waste: No
Importer of hazardous waste: No
Immediate recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of dangerous fuel waste: No
Generator marketing to burner: No
Other marketers (i.e., blender, distributor, etc.): No
Utility boiler burner: No
Industry boiler burner: No
Industrial Furnace: No
Smelter defferal: No
Universal waste - batteries - generate: No
Universal waste - thermostats - generate: No
Universal waste - mercury - generate: No
Universal waste - lamps - generate: No
Universal waste - batteries - accumulate: No
Universal waste - thermostats - accumulate: No
Universal waste - mercury - accumulate: No
Universal waste - lamps - accumulate: No
Destination Facility for Universal Waste: No
Off-specification used oil burner - utility boiler: No
Off-specification used oil burner - industrial boiler: No
Off-specification used oil burner - industrial furnace: No
Tax Reg #: 600462905
Business Type: Not reported
Mail Name: Creative Label Inc
Mail addr line1: 13513 NE 126TH PL STE D
Mail city,st,zip: KIRKLAND, WA 98034-8725
Mail country: UNITED STATES
Legal org name: Creative Label Inc
Legal org type: Private
Legal addr line1: 13513 NE 126TH PL STE D
Legal city,st,zip: KIRKLAND, WA 98034-8725
Legal country: UNITED STATES
Legal phone nbr: 425-821-8810
Legal effective date: 05/02/1996
Land org name: Creative Label Inc
Land org type: Private
Land person name: Not reported
Land addr line1: 13513 NE 126th Pl Ste D
Land city,st,zip: KIRKLAND, WA 98034
Land country: UNITED STATES
Land phone nbr: 425-821-8810
Operator org name: Creative Label Inc
Operator org type: Private
Operator addr line1: 13513 NE 126TH PL STE D
Operator city,st,zip: KIRKLAND, WA 98034-8725
Operator country: UNITED STATES

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CREATIVE LABEL INC KIRKLAND (Continued)

1000159513

Operator phone nbr: (425)821-8810
Operator effective date: 04/30/1997
Site contact name: Robert Kiger
Site contact addr line1: 13513 NE 126TH PL STE D
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8725
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8810
Site Contact EMail: Not reported
Form Contact NAME: Robert Kiger
Form Contact ADDR LINE1: 13513 NE 126TH PL STE D
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8725
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8810
Form Contact EMail: apclabel@nwlink.com
Gen Status CD: SQG
Monthly Generation: No
Batch Generation: No
One Time Generation: No
Transport Own Waste: No
Tranports Other Waste: No
Recycler Onsite: No
Transfer Facility: No
Other Exemption: Not reported
UW Battery Gen: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Fuel Marketer Directs Shipments: No
Used Oil Fuel Marketer Meets Specs: No

21
SE
1/4-1/2
0.327 mi.
1726 ft.

KATCO SALES
12735 WILLOWS RD
KIRKLAND, WA 98034

VCP 1007080109
ALLSITES N/A
CSCSL NFA
FINDS

VCP:

edr_fstat: WA
edr_fzip: 98034
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 21974
VCP Status: Not reported
VCP: Yes
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 4/21/2005
Rank: 5
Cleanup Siteid: 2454

ALLSITES:

Facility Name: KATCO SALES
Facility Id: 21974

Interaction: 5968

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

KATCO SALES (Continued)

1007080109

Interaction 1: I
Interaction 2: SCS
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: KATCO SALES
Program ID: Not reported
Date Interaction: 1997-06-13 00:00:00
Date Interaction 3: State Cleanup Site
Latitude: 47.714438356999999
Longitude: -122.15359610900001

Interaction: 5969
Interaction 1: I
Interaction 2: VOLCLNST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: KATCO SALES
Program ID: NW1098
Date Interaction: 2003-05-14 00:00:00
Date Interaction 3: Voluntary Cleanup Sites
Latitude: 47.714438356999999
Longitude: -122.15359610900001

CSCSL NFA:
Facility/Site Id: 21974
CS Id: 2454
NFA Date: 04/21/2005
Rank: 5
VCP: Yes
Latitude: 47.714444
Longitude: -122.153611

FINDS:

Registry ID: 110015568278

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.

MAP FINDINGS

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

E22
SSE
1/4-1/2
0.338 mi.
1782 ft.

AT&T WIRELESS WILLOWS
13649 NE 126TH PL
REDMOND, WA 98052
Site 1 of 2 in cluster E

ALLSITES
FINDS

1007728310
N/A

ALLSITES:

Facility Name:	AT&T WIRELESS WILLOWS
Facility Id:	5720200
Interaction:	17372
Interaction 1:	I
Interaction 2:	TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	CRK000056410
Date Interaction:	2003-09-15 00:00:00
Date Interaction 3:	Emergency/Haz Chem Rpt TI
Latitude:	47.714422444
Longitude:	-122.159113154

FINDS:

Registry ID: 110018849736

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.

E23
SSE
1/4-1/2
0.349 mi.
1844 ft.

SILICON DESIGNS INC KIRKLAND
13905 NE 128TH ST
KIRKLAND, WA 98034
Site 2 of 2 in cluster E

ALLSITES
SPILLS

S116363537
N/A

ALLSITES:

Facility Name:	SILICON DESIGNS INC KIRKLAND
Facility Id:	21823
Interaction:	122847
Interaction 1:	A
Interaction 2:	HWG
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Silicon Designs Inc Kirkland
Program ID:	WAH000053308
Date Interaction:	2017-07-25 00:00:00
Date Interaction 3:	Hazardous Waste Generator
Latitude:	47.714073290000002

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILICON DESIGNS INC KIRKLAND (Continued)

S116363537

Longitude: -122.155549347

SPILLS:

Facility ID: 647653
Medium: SOIL
Material Desc: CHEMICAL
Material Qty: 50
Material Units: GALLON
Date Received: Not reported
Contact Name: UNKNOWN
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

24
ENE
1/4-1/2
0.351 mi.
1853 ft.

JUANITA HEAVY HAULING
13501 141ST AV NE
KIRKLAND, WA 98034

ALLSITES 1000316318
RCRA NonGen / NLR WAD980722730
FINDS
ECHO

ALLSITES:

Facility Name: JUANITA HEAVY HAULING
Facility Id: 24829281

Interaction: 34129
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD980722730
Date Interaction: 1982-10-20 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.721947561
Longitude: -122.15108115699999

RCRA NonGen / NLR:

Date form received by agency: 09/15/2003
Facility name: JUANITA HEAVY HAULING
Facility address: 13501 141ST AV NE
KIRKLAND, WA 98034
EPA ID: WAD980722730
Mailing address: 15311 76TH ST SE
SNOHOMISH, WA 98290-6157
Contact: JUANITA HEAVY H JUANITA HEAVY H

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JUANITA HEAVY HAULING (Continued)

1000316318

Contact address: 15311 76TH ST SE
SNOHOMISH, WA 98290-6157
Contact country: US
Contact telephone: 000-000-0000
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JUANITA HEAVY H J
Owner/operator address: 13501 141ST AVE NE
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 000-000-0000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: JUANITA HEAVY H J
Owner/operator address: 13501 141ST AVE NE
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 000-000-0000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/02/1996
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/15/2003
Site name: JUANITA HEAVY HAULING

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JUANITA HEAVY HAULING (Continued)

1000316318

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005333852

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.

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

ECHO:

Envid: 1000316318
Registry ID: 110005333852
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005333852>

25
SSE
1/4-1/2
0.352 mi.
1857 ft.

COURTAULDS AEROSPACE KIRKLAND
13609 NE 126TH PL STE 100
KIRKLAND, WA 98034

ALLSITES 1000660341
RCRA NonGen / NLR WAD988500252

ALLSITES:

Facility Name: COURTAULDS AEROSPACE KIRKLAND
Facility Id: 2321658

Interaction: 10323
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988500252
Date Interaction: 1992-01-23 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713934358000003
Longitude: -122.160775108

RCRA NonGen / NLR:
Date form received by agency: 01/30/2003

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

COURTAULDS AEROSPACE KIRKLAND (Continued)

1000660341

Facility name: COURTAULDS AEROSPACE KIRKLAND
Facility address: 13609 NE 126TH PL STE 100
KIRKLAND, WA 98034-8723
EPA ID: WAD988500252
Mailing address: PO BOX 610
CLE ELUM, WA 98922
Contact: PRC DE SOTO INT PRC DE SOTO INT
Contact address: PO BOX 610
CLE ELUM, WA 98922
Contact country: US
Contact telephone: 000-000-0000
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MIKE S
Owner/operator address: 13609 NE 126TH PL STE 100
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-821-3600
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/21/1996
Owner/Op end date: Not reported

Owner/operator name: PRC DE SOTO INT P
Owner/operator address: 5454 SAN FERNANDO RD
GLENDALE, CA 91203
Owner/operator country: US
Owner/operator telephone: 818-549-7199
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/01/1999
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. Importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

COURTAULDS AEROSPACE KIRKLAND (Continued)

1000660341

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/20/1999
Site name: COURTAULDS AEROSPACE KIRKLAND
Classification: Not a generator, verified

Violation Status: No violations found

26
South
1/4-1/2
0.352 mi.
1857 ft.

WASTE MANAGEMENT SNO KING KIRKLAND 13225 NE 126TH PL KIRKLAND, WA 98034

CSCSL S107473614
VCP N/A
ALLSITES
SPILLS

CSCSL:

Facility ID: 36181742
Region: Northwest
Lat/Long: 47.71372 / -122.16449
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 11817
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Arsenic
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

VCP:

edr_fstat: WA
edr_fzip: 98034
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 36181742
VCP Status: Not reported
VCP: Yes
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: N
Cleanup Siteid: 11817

ALLSITES:

Facility Name: WASTE MANAGEMENT SNO KING KIRKLAND
Facility Id: 36181742

Interaction: 40430
Interaction 1: I
Interaction 2: UST
Ecology Program: TOXICS

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WASTE MANAGEMENT SNO KING KIRKLAND (Continued)

S107473614

Program Data: UST
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 2000-02-29 00:00:00
Date Interaction 3: Underground Storage Tank
Latitude: 47.713714357999997
Longitude: -122.164475108

Interaction: 100770
Interaction 1: A
Interaction 2: VOLCLNST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Waste Management Sno King Kirkland
Program ID: NW2581
Date Interaction: 2012-03-14 00:00:00
Date Interaction 3: Voluntary Cleanup Sites
Latitude: 47.713714357999997
Longitude: -122.164475108

Interaction: 82568
Interaction 1: I
Interaction 2: INDSWGP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: WASTE MANAGEMENT SNO KING KIRKLAND
Program ID: WAR002485
Date Interaction: 1995-10-25 00:00:00
Date Interaction 3: Industrial SW GP
Latitude: 47.713714357999997
Longitude: -122.164475108

Interaction: 40428
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAR000005983
Date Interaction: 1995-10-23 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713714357999997
Longitude: -122.164475108

Interaction: 40429
Interaction 1: A
Interaction 2: TIER2
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAR000005983
Date Interaction: 1996-01-01 00:00:00
Date Interaction 3: Emergency/Haz Chem Rpt TI

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WASTE MANAGEMENT SNO KING KIRKLAND (Continued)

S107473614

Latitude: 47.713714357999997
Longitude: -122.164475108

SPILLS:

Facility ID: 541011
Medium: Not reported
Material Desc: PETROLEUM - HYDRAULIC OIL
Material Qty: Not reported
Material Units: Not reported
Date Received: 05/25/2004
Contact Name: Not reported
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

F27 JAYS KIRKLAND AUTOCARE 126TH PL
SSW 13209 NE 126TH PL SITE B STE 440
1/4-1/2 KIRKLAND, WA
0.357 mi.
1885 ft. Site 1 of 4 in cluster F

ALLSITES S109553904
N/A

ALLSITES:

Facility Name: JAYS KIRKLAND AUTOCARE 126TH PL
Facility Id: 2257363

Interaction: 10190
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988494019
Date Interaction: 1991-09-17 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713754358000003
Longitude: -122.166505108

MAP FINDINGS

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

F28	K & M AUTOMOTIVE INC	ALLSITES	1004794422
SSW	13209 NE 126TH PL 270	RCRA NonGen / NLR	WAD988513669
1/4-1/2	KIRKLAND, WA 98034	FINDS	
0.357 mi.		ECHO	
1885 ft.	Site 2 of 4 in cluster F		

ALLSITES:

Facility Name:	K & M AUTOMOTIVE INC
Facility Id:	67381716
Interaction:	58283
Interaction 1:	I
Interaction 2:	HWG
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD988513669
Date Interaction:	1992-11-09 00:00:00
Date Interaction 3:	Hazardous Waste Generator
Latitude:	47.714004359
Longitude:	-122.165805107

RCRA NonGen / NLR:

Date form received by agency:	03/21/2005
Facility name:	K & M AUTOMOTIVE INC
Facility address:	13209 NE 126TH PL 270 KIRKLAND, WA 98034
EPA ID:	WAD988513669
Mailing address:	13209 NE 126TH PL #270 KIRKLAND, WA 98034-8721
Contact:	KINNON MACKINNON
Contact address:	21107 DAMSON RD LYNNWOOD, WA 98036-8646
Contact country:	US
Contact telephone:	425-672-2004
Contact email:	KINNONO@AOL.COM
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	K & M AUTOMOTIVE INC
Owner/operator address:	21107 DAMSON RD LYNNWOOD, WA 98036
Owner/operator country:	US
Owner/operator telephone:	425-672-2004
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	K & M AUTOMOTIVE INC
Owner/operator address:	21107 DAMSON RD LYNNWOOD, WA 98036

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

K & M AUTOMOTIVE INC (Continued)

1004794422

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/26/1992
Owner/Op end date: Not reported

Owner/operator name: KINNON MACKINNON
Owner/operator address: 21107 DAMSON RD
LYNNWOOD, WA 98036

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/20/1996
Owner/Op end date: Not reported

Owner/operator name: TOTEM PLACE LLC
Owner/operator address: PO BOX 60051
SHORELINE, WA 98160

Owner/operator country: US
Owner/operator telephone: 206-542-2759
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/21/2005
Site name: K & M AUTOMOTIVE INC

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

K & M AUTOMOTIVE INC (Continued)

1004794422

Classification: Not a generator, verified

Date form received by agency: 12/31/2003

Site name: K & M AUTOMOTIVE INC

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005380630

Environmental Interest/Information System

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HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1004794422

Registry ID: 110005380630

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005380630>

**F29
SSW
1/4-1/2
0.357 mi.
1885 ft.**

**LM BODY SHOP
13209 NE 126TH STE 400
KIRKLAND, WA 98034**

Site 3 of 4 in cluster F

**RCRA-CESQG 1000105030
ALLSITES WAD981768161
FINDS
ECHO
MANIFEST**

RCRA-CESQG:

Date form received by agency: 01/25/2012

Facility name: LM BODY SHOP

Facility address: 13209 NE 126TH STE 400

KIRKLAND, WA 98034

EPA ID: WAD981768161

Mailing address: 13209 NE 126TH PL STE 400

KIRKLAND, WA 98034

Contact: DAVE BLOYER

Contact address: 13209 NE 126TH PL STE 400

KIRKLAND, WA 98034

Contact country: US

Contact telephone: 425-821-8074

Contact email: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

EPA Region: 10
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: LM BODY SHOP
Owner/operator address: 13209 NE 126TH PL STE 400
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-821-8074
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/09/1996
Owner/Op end date: Not reported

Owner/operator name: TOM E
Owner/operator address: 13209 N E 126 PLACE STE 400
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-821-8074
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/05/2001
Owner/Op end date: Not reported

Owner/operator name: LM BODY SHOP INC
Owner/operator address: 13209 N E 126 PLACE STE 400
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/05/2001
Owner/Op end date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Owner/operator name: LM BODY SHOP INC
Owner/operator address: 13209 N E 126 PLACE STE 400
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-821-8074
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/05/2001
Owner/Op end date: Not reported

Owner/operator name: LM BODY SHOP L
Owner/operator address: 13209 NE 126TH PL STE 400
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-821-8074
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/09/1996
Owner/Op end date: Not reported

Owner/operator name: LM BODY SHOP
Owner/operator address: 13209 NE 126TH PL STE 400
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/09/1996
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: Yes
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: WSQG

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

. Waste name: WSQG

Historical Generators:

Date form received by agency: 01/25/2011

Site name: LM BODY SHOP

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/26/2010

Site name: LM BODY SHOP

Classification: Conditionally Exempt Small Quantity Generator

. Waste code: WSQG

. Waste name: WSQG

Date form received by agency: 12/31/2007

Site name: LM BODY SHOP

Classification: Not a generator, verified

Date form received by agency: 12/31/2005

Site name: LM BODY SHOP

Classification: Not a generator, verified

Date form received by agency: 12/31/2003

Site name: LM BODY SHOP

Classification: Not a generator, verified

Date form received by agency: 03/05/2001

Site name: LM BODY SHOP

Classification: Not a generator, verified

Facility Has Received Notices of Violations:

Regulation violated: SR - 060(5)

Area of violation: Generators - General

Date violation determined: 05/01/1998

Date achieved compliance: 06/05/1998

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 05/07/1998

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: Not reported

Final penalty amount: Not reported

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/01/1998

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 06/05/1998

Evaluation lead agency: State

ALLSITES:

Facility Name: LM BODY SHOP

Facility Id: 70168771

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Interaction: 59740
Interaction 1: A
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: LM Body Shop
Program ID: WAD981768161
Date Interaction: 1987-06-17 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.718924358999999
Longitude: -122.174305105

FINDS:

Registry ID: 110005342414

Environmental Interest/Information System

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HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1000105030
Registry ID: 110005342414
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005342414>

WA MANIFEST:

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: D001
Form Comm: Not reported
Data Year: 2014
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
Other marketers (i.e., blender, distributor, etc.):	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
Tax Reg #:	601022598
Business Type:	Automotive Body Shop
Mail Name:	LM Body Shop
Mail addr line1:	13209 NE 126th PI Ste 400
Mail city,st,zip:	KIRKLAND, WA 98034-8721
Mail country:	UNITED STATES
Legal org name:	LM Body Shop Inc
Legal org type:	Private
Legal addr line1:	13209 N E 126 PLACE
Legal addr line2:	STE 400
Legal city,st,zip:	KIRKLAND, WA 98034
Legal country:	UNITED STATES
Legal phone nbr:	4258218074
Legal effective date:	03/05/2001
Land org name:	Leibsohn & Co
Land org type:	Private
Land person name:	Not reported
Land addr line1:	11100 NE 8TH ST STE 800
Land city,st,zip:	BELLEVUE, WA 98004-4441
Land country:	UNITED STATES
Land phone nbr:	(425)454-4525
Operator org name:	LM Body Shop
Operator org type:	Private
Operator addr line1:	13209 NE 126th PI Ste 400
Operator city,st,zip:	KIRKLAND, WA 98034-8721
Operator country:	UNITED STATES
Operator phone nbr:	(425)821-8074
Operator effective date:	09/09/1996
Site contact name:	Dave Bloyer
Site contact addr line1:	13209 NE 126th PI Ste 400
Site Contact City/State/ Zip:	KIRKLAND, WA 98034-8721
Site Contact Country:	UNITED STATES
Site Contact Phone #:	(425)821-8074
Site Contact EMail:	Not reported
Form Contact NAME:	Dave Bloyer
Form Contact ADDR LINE1:	13209 NE 126th PI Ste 400
Form Contact City,ST,Zip:	KIRKLAND, WA 98034-8721

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodysshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601022598
Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th PI Ste 400

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th Pl Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th Pl Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th Pl Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodysshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

SWC Desc:	Not reported
FWC Desc:	D001
Form Comm:	Not reported
Data Year:	2017
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
Other marketers (i.e., blender, distributor, etc.):	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter deferral:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
Tax Reg #:	601022598
Business Type:	Automotive Body Shop
Mail Name:	LM Body Shop
Mail addr line1:	13209 NE 126th Pl Ste 400
Mail city,st,zip:	KIRKLAND, WA 98034-8721
Mail country:	UNITED STATES
Legal org name:	LM Body Shop Inc
Legal org type:	Private
Legal addr line1:	13209 N E 126 PLACE
Legal addr line2:	STE 400
Legal city,st,zip:	KIRKLAND, WA 98034
Legal country:	UNITED STATES
Legal phone nbr:	4258218074
Legal effective date:	03/05/2001
Land org name:	Leibsohn & Co
Land org type:	Private
Land person name:	Not reported
Land addr line1:	11100 NE 8TH ST STE 800
Land city,st,zip:	BELLEVUE, WA 98004-4441
Land country:	UNITED STATES
Land phone nbr:	(425)454-4525
Operator org name:	LM Body Shop
Operator org type:	Private
Operator addr line1:	13209 NE 126th Pl Ste 400
Operator city,st,zip:	KIRKLAND, WA 98034-8721
Operator country:	UNITED STATES
Operator phone nbr:	(425)821-8074
Operator effective date:	09/09/1996

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th Pl Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th Pl Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodysshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: D001
Form Comm: Not reported
Data Year: 2013
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601022598
Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th Pl Ste 400
Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th Pl Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th Pl Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th Pl Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodyshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: True
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Used Oil Processor:	False	
Used Oil Refiner:	False	
Used Oil Fuel Marketer Directs Shipments:	False	False
Used Oil Fuel Marketer Meets Specs:	False	False
Facility Site ID Number:	70168771	
EPA ID:	WAD981768161	
NAICS:	811121	
SWC Desc:	Not reported	
FWC Desc:	Not reported	
Form Comm:	Not reported	
Data Year:	2008	
Permit by Rule:	False	
Treatment by Generator:	False	
Mixed radioactive waste:	False	
Importer of hazardous waste:	False	
Immediate recycler:	False	
Treatment/Storage/Disposal/Recycling Facility:	False	False
Generator of dangerous fuel waste:	False	False
Generator marketing to burner:	False	False
Other marketers (i.e., blender, distributor, etc.):	False	False
Utility boiler burner:	False	False
Industry boiler burner:	False	False
Industrial Furnace:	False	False
Smelter defferal:	False	False
Universal waste - batteries - generate:	False	False
Universal waste - thermostats - generate:	False	False
Universal waste - mercury - generate:	False	False
Universal waste - lamps - generate:	False	False
Universal waste - batteries - accumulate:	False	False
Universal waste - thermostats - accumulate:	False	False
Universal waste - mercury - accumulate:	False	False
Universal waste - lamps - accumulate:	False	False
Destination Facility for Universal Waste:	False	False
Off-specification used oil burner - utility boiler:	False	False
Off-specification used oil burner - industrial boiler:	False	False
Off-specification used oil burner - industrial furnace:	False	False
Tax Reg #:	601022598	
Business Type:	Automotive Body Shop	
Mail Name:	LM Body Shop	
Mail addr line1:	13209 NE 126th Pl Ste 400	
Mail city,st,zip:	KIRKLAND, WA 98034-8721	
Mail country:	UNITED STATES	
Legal org name:	LM Body Shop Inc	
Legal org type:	Private	
Legal addr line1:	13209 N E 126 PLACE	
Legal addr line2:	STE 400	
Legal city,st,zip:	KIRKLAND, WA 98034	
Legal country:	UNITED STATES	
Legal phone nbr:	4258218074	
Legal effective date:	03/05/2001	
Land org name:	Leibsohn & Co	
Land org type:	Private	
Land person name:	Not reported	
Land addr line1:	11100 NE 8TH ST STE 800	
Land city,st,zip:	BELLEVUE, WA 98004-4441	

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th PI Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th PI Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th PI Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodysshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: False
One Time Generation: True
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: No
Treatment by Generator: No
Mixed radioactive waste: No
Importer of hazardous waste: No
Immediate recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of dangerous fuel waste: No
Generator marketing to burner: No
Other marketers (i.e., blender, distributor, etc.): No
Utility boiler burner: No
Industry boiler burner: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Industrial Furnace: No
Smelter defferal: No
Universal waste - batteries - generate: No
Universal waste - thermostats - generate: No
Universal waste - mercury - generate: No
Universal waste - lamps - generate: No
Universal waste - batteries - accumulate: No
Universal waste - thermostats - accumulate: No
Universal waste - mercury - accumulate: No
Universal waste - lamps - accumulate: No
Destination Facility for Universal Waste: No
Off-specification used oil burner - utility boiler: No
Off-specification used oil burner - industrial boiler: No
Off-specification used oil burner - industrial furnace: No
Tax Reg #: 601022598
Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th PI Ste 400
Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th PI Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th PI Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th PI Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodysshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: No
Batch Generation: Yes

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

One Time Generation:	No
Transport Own Waste:	No
Tranports Other Waste:	No
Recycler Onsite:	No
Transfer Facility:	No
Other Exemption:	Not reported
UW Battery Gen:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Fuel Marketer Directs Shipments:	No
Used Oil Fuel Marketer Meets Specs:	No
Facility Site ID Number:	70168771
EPA ID:	WAD981768161
NAICS:	811121
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2010
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
Other marketers (i.e., blender, distributor, etc.):	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
Tax Reg #:	601022598
Business Type:	Automotive Body Shop
Mail Name:	LM Body Shop
Mail addr line1:	13209 NE 126th Pl Ste 400
Mail city,st,zip:	KIRKLAND, WA 98034-8721
Mail country:	UNITED STATES
Legal org name:	LM Body Shop Inc
Legal org type:	Private
Legal addr line1:	13209 N E 126 PLACE
Legal addr line2:	STE 400

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th PI Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th PI Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th PI Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodysshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: True
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: D001
Form Comm: Not reported
Data Year: 2015
Permit by Rule: False
Treatment by Generator: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601022598
Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th PI Ste 400
Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th PI Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th PI Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th PI Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodyshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: D001
Form Comm: Not reported
Data Year: 2016
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601022598

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th Pl Ste 400
Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th Pl Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th Pl Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th Pl Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodyshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: Not reported
Permit by Rule: FALSE
Treatment by Generator: FALSE
Mixed radioactive waste: FALSE
Importer of hazardous waste: FALSE
Immediate recycler: FALSE
Treatment/Storage/Disposal/Recycling Facility: FALSE
Generator of dangerous fuel waste: FALSE
Generator marketing to burner: FALSE
Other marketers (i.e., blender, distributor, etc.): FALSE
Utility boiler burner: FALSE
Industry boiler burner: FALSE
Industrial Furnace: FALSE
Smelter defferal: FALSE
Universal waste - batteries - generate: FALSE
Universal waste - thermostats - generate: FALSE
Universal waste - mercury - generate: FALSE
Universal waste - lamps - generate: FALSE
Universal waste - batteries - accumulate: FALSE
Universal waste - thermostats - accumulate: FALSE
Universal waste - mercury - accumulate: FALSE
Universal waste - lamps - accumulate: FALSE
Destination Facility for Universal Waste: FALSE
Off-specification used oil burner - utility boiler: FALSE
Off-specification used oil burner - industrial boiler: FALSE
Off-specification used oil burner - industrial furnace: FALSE
Tax Reg #: 601022598
Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th Pl Ste 400
Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th Pl Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th PI Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th PI Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodyshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: FALSE
Batch Generation: TRUE
One Time Generation: FALSE
Transport Own Waste: FALSE
Tranports Other Waste: FALSE
Recycler Onsite: FALSE
Transfer Facility: FALSE
Other Exemption: Not reported
UW Battery Gen: FALSE
Used Oil Transporter: FALSE
Used Oil Transfer Facility: FALSE
Used Oil Processor: FALSE
Used Oil Refiner: FALSE
Used Oil Fuel Marketer Directs Shipments: FALSE
Used Oil Fuel Marketer Meets Specs: FALSE

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2009
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601022598
Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th Pl Ste 400
Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th Pl Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th Pl Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th Pl Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodysshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: True
Transfer Facility: False
Other Exemption: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2011
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601022598
Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th Pl Ste 400
Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th PI Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th PI Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact EMail: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th PI Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact EMail: lmbodysshop@hotmail.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: True
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 70168771
EPA ID: WAD981768161
NAICS: 811121
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2012
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601022598
Business Type: Automotive Body Shop
Mail Name: LM Body Shop
Mail addr line1: 13209 NE 126th Pl Ste 400
Mail city,st,zip: KIRKLAND, WA 98034-8721
Mail country: UNITED STATES
Legal org name: LM Body Shop Inc
Legal org type: Private
Legal addr line1: 13209 N E 126 PLACE
Legal addr line2: STE 400
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 4258218074
Legal effective date: 03/05/2001
Land org name: Leibsohn & Co
Land org type: Private
Land person name: Not reported
Land addr line1: 11100 NE 8TH ST STE 800
Land city,st,zip: BELLEVUE, WA 98004-4441
Land country: UNITED STATES
Land phone nbr: (425)454-4525
Operator org name: LM Body Shop
Operator org type: Private
Operator addr line1: 13209 NE 126th Pl Ste 400
Operator city,st,zip: KIRKLAND, WA 98034-8721
Operator country: UNITED STATES
Operator phone nbr: (425)821-8074
Operator effective date: 09/09/1996
Site contact name: Dave Bloyer
Site contact addr line1: 13209 NE 126th Pl Ste 400
Site Contact City/State/ Zip: KIRKLAND, WA 98034-8721
Site Contact Country: UNITED STATES
Site Contact Phone #: (425)821-8074
Site Contact Email: Not reported
Form Contact NAME: Dave Bloyer
Form Contact ADDR LINE1: 13209 NE 126th Pl Ste 400
Form Contact City,ST,Zip: KIRKLAND, WA 98034-8721
Form Contact Country: UNITED STATES
Form Contact Phone #: (425)821-8074
Form Contact Email: lmbodysshop@hotmail.com

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LM BODY SHOP (Continued)

1000105030

Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: True
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

F30
SSW
1/4-1/2
0.357 mi.
1885 ft.

VINTAGE MOTORWORKS KIRKLAND
13209 NE 126TH PL STE C300
KIRKLAND, WA 98034

ALLSITES S116505775
MANIFEST N/A

Site 4 of 4 in cluster F

ALLSITES:

Facility Name: VINTAGE MOTORWORKS KIRKLAND
Facility Id: 17025

Interaction: 107819
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Vintage Motorworks Kirkland
Program ID: WAH000046322
Date Interaction: 2014-02-28 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.712995313
Longitude: -122.163884337

Interaction: 107820
Interaction 1: A
Interaction 2: HWOTHER
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Vintage Motorworks Kirkland
Program ID: WAH000046322
Date Interaction: 2014-02-28 00:00:00
Date Interaction 3: Haz Waste Management Acti
Latitude: 47.712995313
Longitude: -122.163884337

WA MANIFEST:

Facility Site ID Number: 17025
EPA ID: WAH000046322

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTAGE MOTORWORKS KIRKLAND (Continued)

S116505775

NAICS:	811111
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
Other marketers (i.e., blender, distributor, etc.):	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter deferral:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
Tax Reg #:	601512662
Business Type:	Auto Repair
Mail Name:	Vintage Motorworks
Mail addr line1:	13209 NE 126th PL Ste C300
Mail city,st,zip:	Kirkland, WA 98034
Mail country:	UNITED STATES
Legal org name:	Benzio Enterprises Inc dba Vintage Motor
Legal org type:	Private
Legal addr line1:	13209 NE 126th PL Ste C300
Legal city,st,zip:	Kirkland, WA 98034
Legal country:	UNITED STATES
Legal phone nbr:	425-814-2244
Legal effective date:	08/26/1996
Land org name:	Totem Place LLC
Land org type:	Private
Land person name:	Not reported
Land addr line1:	PO Box 60051
Land city,st,zip:	Seattle, WA 98160
Land country:	UNITED STATES
Land phone nbr:	206-542-5905
Operator org name:	Benzio Enterprises Inc dba Vintage Motor
Operator org type:	Private
Operator addr line1:	13786 NE 75th PL
Operator city,st,zip:	Redmond, WA 98051
Operator country:	UNITED STATES
Operator phone nbr:	425-867-5590
Operator effective date:	08/26/1996

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTAGE MOTORWORKS KIRKLAND (Continued)

S116505775

Site contact name: Duane Bender
Site contact addr line1: 13209 NE 126th PL Ste C300
Site Contact City/State/ Zip: Kirkland, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-814-2244
Site Contact EMail: Duane@vintage-motorworks.com
Form Contact NAME: Duane Bender
Form Contact ADDR LINE1: 13786 NE 75th PL
Form Contact City,ST,Zip: Redmond, WA 98052
Form Contact Country: UNITED STATES
Form Contact Phone #: 425-814-2244
Form Contact EMail: Duane@vintage-motorworks.com
Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 17025
EPA ID: WAH000046322
NAICS: 811111
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2016
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTAGE MOTORWORKS KIRKLAND (Continued)

S116505775

Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601512662
Business Type: Auto Repair
Mail Name: Vintage Motorworks
Mail addr line1: 13209 NE 126th PL Ste C300
Mail city,st,zip: Kirkland, WA 98034
Mail country: UNITED STATES
Legal org name: Benzio Enterprises Inc dba Vintage Motor
Legal org type: Private
Legal addr line1: 13209 NE 126th PL Ste C300
Legal city,st,zip: Kirkland, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 425-814-2244
Legal effective date: 08/26/1996
Land org name: Totem Place LLC
Land org type: Private
Land person name: Not reported
Land addr line1: PO Box 60051
Land city,st,zip: Seattle, WA 98160
Land country: UNITED STATES
Land phone nbr: 206-542-5905
Operator org name: Benzio Enterprises Inc dba Vintage Motor
Operator org type: Private
Operator addr line1: 13786 NE 75th PL
Operator city,st,zip: Redmond, WA 98051
Operator country: UNITED STATES
Operator phone nbr: 425-867-5590
Operator effective date: 08/26/1996
Site contact name: Duane Bender
Site contact addr line1: 13209 NE 126th PL Ste C300
Site Contact City/State/ Zip: Kirkland, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-814-2244
Site Contact Email: Duane@vintage-motorworks.com
Form Contact NAME: Duane Bender
Form Contact ADDR LINE1: 13786 NE 75th PL
Form Contact City,ST,Zip: Redmond, WA 98052
Form Contact Country: UNITED STATES
Form Contact Phone #: 425-814-2244
Form Contact Email: Duane@vintage-motorworks.com
Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTAGE MOTORWORKS KIRKLAND (Continued)

S116505775

Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 17025
EPA ID: WAH000046322
NAICS: 811111
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2017
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601512662
Business Type: Auto Repair
Mail Name: Vintage Motorworks
Mail addr line1: 13209 NE 126th PL Ste C300
Mail city,st,zip: Kirkland, WA 98034
Mail country: UNITED STATES
Legal org name: Benzio Enterprises Inc dba Vintage Motor
Legal org type: Private
Legal addr line1: 13209 NE 126th PL Ste C300
Legal city,st,zip: Kirkland, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 425-814-2244
Legal effective date: 08/26/1996
Land org name: Totem Place LLC
Land org type: Private
Land person name: Not reported
Land addr line1: PO Box 60051
Land city,st,zip: Seattle, WA 98160
Land country: UNITED STATES
Land phone nbr: 206-542-5905

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTAGE MOTORWORKS KIRKLAND (Continued)

S116505775

Operator org name: Benzio Enterprises Inc dba Vintage Motor
Operator org type: Private
Operator addr line1: 13786 NE 75th PL
Operator city,st,zip: Redmond, WA 98051
Operator country: UNITED STATES
Operator phone nbr: 425-867-5590
Operator effective date: 08/26/1996
Site contact name: Duane Bender
Site contact addr line1: 13209 NE 126th PL Ste C300
Site Contact City/State/ Zip: Kirkland, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-814-2244
Site Contact EMail: Duane@vintage-motorworks.com
Form Contact NAME: Duane Bender
Form Contact ADDR LINE1: 13786 NE 75th PL
Form Contact City,ST,Zip: Redmond, WA 98052
Form Contact Country: UNITED STATES
Form Contact Phone #: 425-814-2244
Form Contact EMail: Duane@vintage-motorworks.com
Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 17025
EPA ID: WAH000046322
NAICS: 811111
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2014
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTAGE MOTORWORKS KIRKLAND (Continued)

S116505775

Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601512662
Business Type: Auto Repair
Mail Name: Vintage Motorworks
Mail addr line1: 13209 NE 126th PL Ste C300
Mail city,st,zip: Kirkland, WA 98034
Mail country: UNITED STATES
Legal org name: Benzio Enterprises Inc dba Vintage Motor
Legal org type: Private
Legal addr line1: 13209 NE 126th PL Ste C300
Legal city,st,zip: Kirkland, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 425-814-2244
Legal effective date: 08/26/1996
Land org name: Totem Place LLC
Land org type: Private
Land person name: Not reported
Land addr line1: PO Box 60051
Land city,st,zip: Seattle, WA 98160
Land country: UNITED STATES
Land phone nbr: 206-542-5905
Operator org name: Benzio Enterprises Inc dba Vintage Motor
Operator org type: Private
Operator addr line1: 13786 NE 75th PL
Operator city,st,zip: Redmond, WA 98051
Operator country: UNITED STATES
Operator phone nbr: 425-867-5590
Operator effective date: 08/26/1996
Site contact name: Duane Bender
Site contact addr line1: 13209 NE 126th PL Ste C300
Site Contact City/State/ Zip: Kirkland, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-814-2244
Site Contact EMail: Duane@vintage-motorworks.com
Form Contact NAME: Duane Bender
Form Contact ADDR LINE1: 13786 NE 75th PL
Form Contact City,ST,Zip: Redmond, WA 98052
Form Contact Country: UNITED STATES
Form Contact Phone #: 425-814-2244
Form Contact EMail: Duane@vintage-motorworks.com
Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VINTAGE MOTORWORKS KIRKLAND (Continued)

S116505775

Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

G31 VERTECS CORPORATION
SSW 12601 132ND AVE NE
1/4-1/2 KIRKLAND, WA 98034
0.372 mi.
1964 ft.

ALLSITES S109556626
CSCSL NFA N/A

Site 1 of 3 in cluster G

ALLSITES:

Facility Name: FUELCARE
Facility Id: 18383214

Interaction: 126216
Interaction 1: A
Interaction 2: HWOTHER
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Fuelcare
Program ID: WAD988505061
Date Interaction: 1999-08-24 00:00:00
Date Interaction 3: Haz Waste Management Acti
Latitude: 47.712843219
Longitude: -122.16570765500001

Interaction: 30518
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988505061
Date Interaction: 1992-03-13 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.712843219
Longitude: -122.16570765500001

Facility Name: VERTECS CORPORATION
Facility Id: 13294514

Interaction: 118875
Interaction 1: I
Interaction 2: INDPNDNT
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Rairdon Auto Service
Program ID: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VERTECS CORPORATION (Continued)

S109556626

Date Interaction: 2015-09-11 00:00:00
Date Interaction 3: Independent Cleanup
Latitude: 47.713807559000003
Longitude: -122.16614408

Interaction: 27428
Interaction 1: I
Interaction 2: UST
Ecology Program: TOXICS
Program Data: UST
Facility Alt.: Not reported
Program ID: 4699
Date Interaction: 2000-02-29 00:00:00
Date Interaction 3: Underground Storage Tank
Latitude: 47.713807559000003
Longitude: -122.16614408

CSCSL NFA:
Facility/Site Id: 13294514
CS Id: 13057
NFA Date: 07/14/2016
Rank: Not reported
VCP: No
Latitude: 47.713813199
Longitude: -122.16614824

G32 H & D VENTURES LLC
SSW 12601 132ND AVE NE STE D
1/4-1/2 KIRKLAND, WA 98034
0.372 mi.
1964 ft. Site 2 of 3 in cluster G

ALLSITES 1011905312
FINDS N/A
ECHO
MANIFEST

ALLSITES:
Facility Name: H & D VENTURES LLC
Facility Id: 39836165

Interaction: 42680
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD117350082
Date Interaction: 1985-03-21 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.712844357999998
Longitude: -122.165715108

Interaction: 42681
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

H & D VENTURES LLC (Continued)

1011905312

Program ID: WAD117350082
Date Interaction: 2008-08-13 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.712844357999998
Longitude: -122.165715108

FINDS:

Registry ID: 110037222662

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.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid: 1011905312
Registry ID: 110037222662
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110037222662>

WA MANIFEST:

Facility Site ID Number: 39836165
EPA ID: WAD117350082
NAICS: 238320
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2008
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

H & D VENTURES LLC (Continued)

1011905312

Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 602000597
Business Type: Former tenant painter
Mail Name: H & D Ventures LLC
Mail addr line1: 12601 132nd Ave NE Ste D
Mail city,st,zip: Kirkland, WA 98030
Mail country: UNITED STATES
Legal org name: H & D Ventures LLC
Legal org type: Private
Legal addr line1: 12601 132nd Ave NE Ste D
Legal city,st,zip: Kirkland, WA 98030
Legal country: UNITED STATES
Legal phone nbr: (206)793-1654
Legal effective date: 01/01/1996
Land org name: H & D Ventures LLC
Land org type: Private
Land person name: Not reported
Land addr line1: 12601 132nd Ave NE Ste D
Land city,st,zip: Kirkland, WA 98030
Land country: UNITED STATES
Land phone nbr: (206)793-1654
Operator org name: H & D Ventures LLC
Operator org type: Private
Operator addr line1: 12601 132nd Ave NE Ste D
Operator city,st,zip: Kirkland, WA 98034
Operator country: UNITED STATES
Operator phone nbr: (206)793-1654
Operator effective date: 01/01/1996
Site contact name: Jeff Jordan
Site contact addr line1: 12601 132nd Ave NE Ste D
Site Contact City/State/ Zip: Kirkland, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: (206)793-1654
Site Contact EMail: jeffj@fastwaterheater.com
Form Contact NAME: Jeff Jordan
Form Contact ADDR LINE1: 12601 132nd Ave NE Ste D
Form Contact City,ST,Zip: Kirkland, WA 98034
Form Contact Country: UNITED STATES
Form Contact Phone #: 206-793-1654
Form Contact EMail: jeffj@fastwaterheater.com
Gen Status CD: LQG
Monthly Generation: False
Batch Generation: False
One Time Generation: True
Transport Own Waste: False
Tranports Other Waste: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

H & D VENTURES LLC (Continued)

1011905312

Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 39836165
Data Year: 2008
Description: Waste Paint Related Material
Mix: False
Reported Qty: 18700 LB
Kilo Qty: 8482.3201458959065
Density No: 0
Density Qty: Not reported

Shipments Sent:

Facility ID: 39836165
Data Year: 2008
Shipment sent data: 9/25/2008
Reported Qty: 8000 LB
Kilo Qty: 3628.80006241536

Facility ID: 39836165
Data Year: 2008
Shipment sent data: 9/25/2008
Reported Qty: 7200 LB
Kilo Qty: 3265.92005617383

Facility ID: 39836165
Data Year: 2008
Shipment sent data: 9/25/2008
Reported Qty: 3500 LB
Kilo Qty: 1587.60002730672

G33
SSW
1/4-1/2
0.385 mi.
2031 ft.

FAST WATER HEATERS
12691 132ND AVE NE
KIRKLAND, WA 98034
Site 3 of 3 in cluster G

ALLSITES S110038197
N/A

ALLSITES:

Facility Name: FAST WATER HEATERS
Facility Id: 15162

Interaction: 79758
Interaction 1: A
Interaction 2: RSVP
Ecology Program: HAZWASTE
Program Data: RSVP
Facility Alt.: Fast Water Heaters

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FAST WATER HEATERS (Continued)

S110038197

Program ID: Not reported
Date Interaction: 2008-07-28 00:00:00
Date Interaction 3: Revised Site Visit Progra
Latitude: 47.713894357999997
Longitude: -122.16528910700001

H34
South
1/4-1/2
0.391 mi.
2066 ft.

PUGET SOUND ENERGY KIRKLAND
12545 135TH AVE NE
KIRKLAND, WA 98034

Site 1 of 4 in cluster H

UST U003029239
VCP N/A
ALLSITES
CSCSL NFA

UST:

Facility ID: 18656487
Site Id: 9865
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.71318
Decimal Longitude: -122.161761

Tank Name: GAS 1
Tag Number: A0317
Tank Status: Removed
Tank Status Date: 01/19/1999
Tank Install Date: 00/01/1979
Tank Closure Date: Not reported
Capacity Range: 5,000 to 9,999 Gallons
Tank Permit Expiration Date: 06/30/1999
Tank Upgrade Date: 03/23/1998
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Automatic Shutoff (fill pipe)
Tank Material: Not reported
Tank Construction: Single Wall Tank
Tank Tightness Test: Annual
Tank Corrosion Protection: Sacrificial Anode
Tank Manifold: Not reported
Tank Release Detection: Manual Inventory Control (daily)
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Safe Suction (No Leak Detection)
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Sacrificial Anode
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispenser/Pump SFC Type: Not reported

Tank Name: GAS 2
Tag Number: A0317
Tank Status: Removed
Tank Status Date: 01/19/1999
Tank Install Date: 00/01/1979
Tank Closure Date: Not reported
Capacity Range: 5,000 to 9,999 Gallons
Tank Permit Expiration Date: 06/30/1999
Tank Upgrade Date: 03/23/1998

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUGET SOUND ENERGY KIRKLAND (Continued)

U003029239

Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Automatic Shutoff (fill pipe)
Tank Material: Not reported
Tank Construction: Single Wall Tank
Tank Tightness Test: Annual
Tank Corrosion Protection: Sacrificial Anode
Tank Manifold: Not reported
Tank Release Detection: Manual Inventory Control (daily)
Tank SFC Type: Not reported
Pipe Material: Not reported
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Safe Suction (No Leak Detection)
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Sacrificial Anode
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: WASTE
Tag Number: A0317
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 00/01/1979
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: 06/30/1996
Tank Upgrade Date: Not reported
Tank Spill Prevention: 25 Gallons or Less
Tank Overfill Prevention: 25 Gallons or less
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Sacrificial Anode
Tank Manifold: Not reported
Tank Release Detection: Manual Inventory Control (daily)
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Single Wall Pipe
Pipe Primary Release Detection: Other
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Other
Pipe Pumping System: Product Removed by Reclaimer
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

VCP:

edr_fstat: WA
edr_fzip: 98033
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 18656487
VCP Status: Not reported
VCP: Yes
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 11/28/2014

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUGET SOUND ENERGY KIRKLAND (Continued)

U003029239

Rank: Not reported
Cleanup Siteid: 8217

ALLSITES:

Facility Name: PSE TOTEM LAKE OPERATING BASE
Facility Id: 18656487

Interaction: 30701
Interaction 1: I
Interaction 2: UST
Ecology Program: TOXICS
Program Data: UST
Facility Alt.: Not reported
Program ID: 9865
Date Interaction: 1979-01-01 00:00:00
Date Interaction 3: Underground Storage Tank
Latitude: 47.713174359
Longitude: -122.161746108

Interaction: 30703
Interaction 1: I
Interaction 2: TIER2
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD982659070
Date Interaction: 1995-01-01 00:00:00
Date Interaction 3: Emergency/Haz Chem Rpt T1
Latitude: 47.713174359
Longitude: -122.161746108

Interaction: 30702
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD982659070
Date Interaction: 1989-04-13 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713174359
Longitude: -122.161746108

Interaction: 30704
Interaction 1: I
Interaction 2: LUST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Not reported
Program ID: 9865
Date Interaction: 1995-12-15 00:00:00
Date Interaction 3: LUST Facility
Latitude: 47.713174359
Longitude: -122.161746108

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PUGET SOUND ENERGY KIRKLAND (Continued)

U003029239

Interaction: 108517
Interaction 1: I
Interaction 2: VOLCLNST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: PSE Totem Lake Operating Base
Program ID: NW2848
Date Interaction: 2014-04-04 00:00:00
Date Interaction 3: Voluntary Cleanup Sites
Latitude: 47.713174359
Longitude: -122.161746108

CSCSL NFA:

Facility/Site Id: 18656487
CS Id: 8217
NFA Date: 11/28/2014
Rank: Not reported
VCP: Yes
Latitude: 47.71318
Longitude: -122.161761

H35
South
1/4-1/2
0.391 mi.
2066 ft.

WASHINGTON NATURAL GAS
12545 135TH AVE. NE
KIRKLAND, WA 98034

Site 2 of 4 in cluster H

ICR S109260993
N/A

ICR:

Date Ecology Received Report: 05/05/99
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 98-17
County Code: 17
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 08/02/96
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: North Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-38
County Code: 17
Contact: Not reported
Report Title: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number
H36	MACRO TECHNOLOGIES LLC KIRKLAND	ALLSITES	1004793353
South	12530 135TH AVE NE	RCRA NonGen / NLR	WAD009256900
1/4-1/2	KIRKLAND, WA 98034	MANIFEST	
0.397 mi.		NPDES	
2096 ft.	Site 3 of 4 in cluster H		
	ALLSITES:		
	Facility Name:	INTERNATIONAL KNIFE & SAW	
	Facility Id:	99456278	
	Interaction:	76505	
	Interaction 1:	I	
	Interaction 2:	HWG	
	Ecology Program:	HAZWASTE	
	Program Data:	TURBOWASTE	
	Facility Alt.:	Not reported	
	Program ID:	WAD009256900	
	Date Interaction:	1985-07-01 00:00:00	
	Date Interaction 3:	Hazardous Waste Generator	
	Latitude:	47.713204509999997	
	Longitude:	-122.160356583	
	Interaction:	100047	
	Interaction 1:	I	
	Interaction 2:	HWG	
	Ecology Program:	HAZWASTE	
	Program Data:	TURBOWASTE	
	Facility Alt.:	Macro Technologies LLC Kirkland	
	Program ID:	WAD009256900	
	Date Interaction:	2011-01-01 00:00:00	
	Date Interaction 3:	Hazardous Waste Generator	
	Latitude:	47.713204509999997	
	Longitude:	-122.160356583	
	Interaction:	83753	
	Interaction 1:	I	
	Interaction 2:	INDSWGPP	
	Ecology Program:	WATQUAL	
	Program Data:	PARIS	
	Facility Alt.:	IKS SYSTI MATIC KIRKLAND	
	Program ID:	SO3004319	
	Date Interaction:	2001-06-14 00:00:00	
	Date Interaction 3:	Industrial SW GP	
	Latitude:	47.713204509999997	
	Longitude:	-122.160356583	
	Interaction:	104808	
	Interaction 1:	I	
	Interaction 2:	HWP	
	Ecology Program:	HAZWASTE	
	Program Data:	HWPPRT	
	Facility Alt.:	Macro Technologies LLC Kirkland	
	Program ID:	WAD009256900	
	Date Interaction:	2013-05-10 00:00:00	
	Date Interaction 3:	Hazardous Waste Planner	
	Latitude:	47.713204509999997	

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Longitude: -122.160356583

Interaction: 109587
Interaction 1: A
Interaction 2: INDSWGP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: Macro Technologies, LLC
Program ID: CNE302517
Date Interaction: 2014-08-12 00:00:00
Date Interaction 3: Industrial SW GP
Latitude: 47.713204509999997
Longitude: -122.160356583

Interaction: 109318
Interaction 1: A
Interaction 2: TRI
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: MACRO TECHNOLOGIES LLC
Program ID: WAD009256900
Date Interaction: 2014-07-01 00:00:00
Date Interaction 3: Toxics Release Inventory
Latitude: 47.713204509999997
Longitude: -122.160356583

RCRA NonGen / NLR:

Date form received by agency: 02/18/2015
Facility name: MACRO TECHNOLOGIES LLC KIRKLAND
Facility address: 12530 135TH AVE NE
KIRKLAND, WA 98034
EPA ID: WAD009256900
Mailing address: PO BOX 247
100 REGO DRIVE
ELON, NC 27244
Contact: JIMMY L MCCANDIES
Contact address: PO BOX 247 100 REGO DRIVE
ELON, NC 27244
Contact country: US
Contact telephone: 336-449-7707
Contact email: JMCCANDI@REGOPRODUCTS.COM
EPA Region: 10
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MACRO TECHNOLOGIES LLC
Owner/operator address: 12530 135TH AVE NE
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-825-8100
Owner/operator email: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/2009
Owner/Op end date: Not reported

Owner/operator name: LOYAL STEWARDS LLC
Owner/operator address: 1745 92ND AVE NE
CLYDE HILL, WA 98004

Owner/operator country: US
Owner/operator telephone: 206-406-2768
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MACRO TECHNOLOGIES LLC
Owner/operator address: PO BOX 247 100 REGO DRIVE
ELON, NC 27244

Owner/operator country: US
Owner/operator telephone: 336-449-7707
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DON MOTTINGE
Owner/operator address: 12530 135TH AVE NE
KIRKLAND, WA 98034

Owner/operator country: US
Owner/operator telephone: 425-825-8100
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/01/2010
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D005
. Waste name: BARIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 02/26/2014
Site name: MACRO TECHNOLOGIES LLC KIRKLAND
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/28/2012
Site name: MACRO TECHNOLOGIES LLC KIRKLAND
Classification: Large Quantity Generator

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 06/05/2001
Site name: INTERNATIONAL KNIFE & SAW
Classification: Not a generator, verified

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 08/19/2014
Date achieved compliance: 12/17/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/24/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/19/2014
Date achieved compliance: 12/17/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/24/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 08/19/2014
Date achieved compliance: 12/17/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/24/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 08/19/2014
Date achieved compliance: 12/17/2014

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/24/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 08/19/2014
Date achieved compliance: 12/17/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/24/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 08/19/2014
Date achieved compliance: 12/17/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/24/2014
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 07/16/2013
Date achieved compliance: 10/03/2013
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 07/16/2013
Date achieved compliance: 10/03/2013
Violation lead agency: State

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/16/2013
Date achieved compliance: 10/03/2013
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 07/16/2013
Date achieved compliance: 10/03/2013
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 07/16/2013
Date achieved compliance: 10/03/2013
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/23/2013
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 02/09/2012
Date achieved compliance: 05/01/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Enforcement action date: 03/28/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 02/09/2012
Date achieved compliance: 05/01/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/28/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/09/2012
Date achieved compliance: 05/01/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/28/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 02/09/2012
Date achieved compliance: 05/01/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/28/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 02/09/2012
Date achieved compliance: 05/01/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/28/2012

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 02/09/2012
Date achieved compliance: 05/01/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/28/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 02/09/2012
Date achieved compliance: 05/01/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/28/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/17/2014
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/19/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 12/17/2014
Evaluation lead agency: State

Evaluation date: 08/19/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/17/2014
Evaluation lead agency: State

Evaluation date: 08/19/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Date achieved compliance: 12/17/2014
Evaluation lead agency: State

Evaluation date: 08/19/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 12/17/2014
Evaluation lead agency: State

Evaluation date: 08/19/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 12/17/2014
Evaluation lead agency: State

Evaluation date: 08/19/2014
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 12/17/2014
Evaluation lead agency: State

Evaluation date: 07/16/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 10/03/2013
Evaluation lead agency: State

Evaluation date: 07/16/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/03/2013
Evaluation lead agency: State

Evaluation date: 07/16/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 10/03/2013
Evaluation lead agency: State

Evaluation date: 07/16/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 10/03/2013
Evaluation lead agency: State

Evaluation date: 07/16/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/03/2013
Evaluation lead agency: State

Evaluation date: 05/30/2012
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Evaluation date: 02/09/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/01/2012
Evaluation lead agency: State

Evaluation date: 02/09/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 05/01/2012
Evaluation lead agency: State

Evaluation date: 02/09/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 05/01/2012
Evaluation lead agency: State

Evaluation date: 02/09/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/01/2012
Evaluation lead agency: State

Evaluation date: 02/09/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 05/01/2012
Evaluation lead agency: State

Evaluation date: 02/09/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 05/01/2012
Evaluation lead agency: State

Evaluation date: 02/09/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 05/01/2012
Evaluation lead agency: State

WA MANIFEST:

Facility Site ID Number: 99456278
EPA ID: WAD009256900
NAICS: 335122
SWC Desc: Not reported
FWC Desc: D002, D005, D007, D008
Form Comm: Not reported
Data Year: 2011
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 270400104
Business Type: Manufacturing
Mail Name: Macro Technologies LLC
Mail addr line1: 12530 135th Ave NE
Mail city,st,zip: KIRKLAND, WA 98034
Mail country: UNITED STATES
Legal org name: Macro Technologies LLC
Legal org type: Private
Legal addr line1: 12530 135th Ave NE
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 425-825-8100
Legal effective date: 08/01/2009
Land org name: Loyal Stewards LLC
Land org type: Private
Land person name: Not reported
Land addr line1: 1745 92nd Ave NE
Land city,st,zip: Clyde Hill, WA 98004
Land country: UNITED STATES
Land phone nbr: 206-406-2768
Operator org name: Not reported
Operator org type: Private
Operator addr line1: 12530 135TH AVE NE
Operator city,st,zip: KIRKLAND, WA 98034-8709
Operator country: UNITED STATES
Operator phone nbr: 425-825-8100
Operator effective date: 12/01/2010
Site contact name: Jeff Williams
Site contact addr line1: 12530 135th Ave NE
Site Contact City/State/ Zip: KIRKLAND, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-825-8100 #19
Site Contact Email: jeffw@macrotechnologies.com
Form Contact NAME: Jeff Williams
Form Contact ADDR LINE1: 12530 135th Ave NE
Form Contact City,ST,Zip: KIRKLAND, WA 98034
Form Contact Country: UNITED STATES
Form Contact Phone #: 425-825-8100 #19
Form Contact Email: jeffw@macrotechnologies.com
Gen Status CD: LQG

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 99456278
Data Year: 2011
Description: Spent Electropolish waste water
Mix: False
Reported Qty: 2877.30000 LB
Kilo Qty: 1305.14330
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2011
Description: Regulated waste coolant
Mix: False
Reported Qty: 17981.0400 LB
Kilo Qty: 8156.19988
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012
Description: SPENT ELCTROPOLISH WASTE WATER
Mix: False
Reported Qty: 12284.82 LB
Kilo Qty: 5572.39444
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012
Description: ABSORBANTS W/REGULATED WASTE COOLANT
Mix: False
Reported Qty: 2305 LB
Kilo Qty: 1045.54801
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012
Description: Regulated waste coolant
Mix: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Reported Qty:	46987.5599 LB
Kilo Qty:	21313.5575
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2013
Description:	SPENT ELCTROPOLISH WASTE WATER
Mix:	False
Reported Qty:	13491 LB
Kilo Qty:	6119.51770
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2013
Description:	ABSORBANTS W/REGULATED WASTE COOLANT
Mix:	False
Reported Qty:	1451 LB
Kilo Qty:	658.173611
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2013
Description:	Regulated waste coolant
Mix:	False
Reported Qty:	74317.7400 LB
Kilo Qty:	33710.5274
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	SPENT/USED FLOOR CLEANING WATER
Mix:	False
Reported Qty:	2793.90000 LB
Kilo Qty:	1267.31306
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	SPENT/USED FLOOR CLEANING WATER
Mix:	False
Reported Qty:	1203 LB
Kilo Qty:	545.680809
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	LT SPRAY PAINT
Mix:	False
Reported Qty:	584.710000 LB
Kilo Qty:	265.224460
Density No:	0

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	SHELL TELLUS 100 HYDRAULIC OIL
Mix:	False
Reported Qty:	3927.30000 LB
Kilo Qty:	1781.42331
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	SPENT ELCTROPOLISH WASTE WATER
Mix:	False
Reported Qty:	17889.2999 LB
Kilo Qty:	8114.58661
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	ABSORBANTS W/REGULATED WASTE COOLANT
Mix:	False
Reported Qty:	2293 LB
Kilo Qty:	1040.10481
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	Regulated waste coolant
Mix:	False
Reported Qty:	99471.1799 LB
Kilo Qty:	45120.1280
Density No:	0
Density Qty:	Not reported
Shipments Sent:	
Facility ID:	99456278
Data Year:	2011
Shipment sent data:	2011-10-31 00:00:00
Reported Qty:	2877.30000 LB
Kilo Qty:	1305.14330
Facility ID:	99456278
Data Year:	2011
Shipment sent data:	2011-12-08 00:00:00
Reported Qty:	4270.07999 LB
Kilo Qty:	1936.90832
Facility ID:	99456278
Data Year:	2011
Shipment sent data:	2011-11-07 00:00:00
Reported Qty:	4003.19999 LB
Kilo Qty:	1815.85155

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-10-07 00:00:00
Reported Qty: 3411.05999 LB
Kilo Qty: 1547.25684

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-07-29 00:00:00
Reported Qty: 3252.59999 LB
Kilo Qty: 1475.37938

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-04-13 00:00:00
Reported Qty: 3044.09999 LB
Kilo Qty: 1380.80378

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-12-26 00:00:00
Reported Qty: 220 LB
Kilo Qty: 99.7920017

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-10-01 00:00:00
Reported Qty: 310 LB
Kilo Qty: 140.616002

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-07-02 00:00:00
Reported Qty: 375 LB
Kilo Qty: 170.100002

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-04-11 00:00:00
Reported Qty: 700 LB
Kilo Qty: 317.520005

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-02-15 00:00:00
Reported Qty: 700 LB
Kilo Qty: 317.520005

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-12-04 00:00:00
Reported Qty: 2468.63999 LB
Kilo Qty: 1119.77512

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-09-10 00:00:00

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Reported Qty:	2476.98 LB
Kilo Qty:	1123.55814
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-07-23 00:00:00
Reported Qty:	2502 LB
Kilo Qty:	1134.90721
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-06-05 00:00:00
Reported Qty:	2168.40000 LB
Kilo Qty:	983.586256
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-02-23 00:00:00
Reported Qty:	2668.80000 LB
Kilo Qty:	1210.56770
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-12-07 00:00:00
Reported Qty:	10058.0400 LB
Kilo Qty:	4562.32702
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-09-11 00:00:00
Reported Qty:	6655.31999 LB
Kilo Qty:	3018.85320
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-07-19 00:00:00
Reported Qty:	8089.80000 LB
Kilo Qty:	3669.53334
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-05-18 00:00:00
Reported Qty:	4420.19999 LB
Kilo Qty:	2005.00275

Waste Stream Comments:

Facility ID: 99456278
Data Year: 2011
Comments: Liquid wastewater from manufacturing process

Facility ID: 99456278
Data Year: 2011
Comments: Liquid from manufacturing process

Facility ID: 99456278
Data Year: 2012
Comments: REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Facility ID:	99456278
Data Year:	2012
Comments:	WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTOPOLISH PROCESS
Facility ID:	99456278
Data Year:	2012
Comments:	ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES
Facility ID:	99456278
Data Year:	2013
Comments:	WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTOPOLISH PROCESS
Facility ID:	99456278
Data Year:	2013
Comments:	ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES
Facility ID:	99456278
Data Year:	2013
Comments:	REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS
Facility ID:	99456278
Data Year:	2014
Comments:	FLOOR CLEANING WATER FROM SHUTDOWN OF CHEMICAL PROCESSES
Facility ID:	99456278
Data Year:	2014
Comments:	SPENT PAINT RELATED MATERIAL A-7, A-8
Facility ID:	99456278
Data Year:	2014
Comments:	REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS, A-8
Facility ID:	99456278
Data Year:	2014
Comments:	WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTOPOLISH PROCESS
Facility ID:	99456278
Data Year:	2014
Comments:	A-8: WATER FROM CLEANING FLOORS AND DECONTAMINATION OF CHEMICAL PROCESS EQUIPMENT FOR PROCESS SHUTDOWN.
Facility ID:	99456278
Data Year:	2014
Comments:	ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES

Facility Site ID Number:	99456278
EPA ID:	WAD009256900
NAICS:	335122
SWC Desc:	WATB11 WAT01-1 WAT01-2 WATB01-1 WATB01-2

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

FWC Desc: D002 D007 D008
Form Comm: Not reported
Data Year: 2013
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 270400104
Business Type: Manufacturing
Mail Name: Macro Technologies LLC
Mail addr line1: 12530 135th Ave NE
Mail city,st,zip: KIRKLAND, WA 98034
Mail country: UNITED STATES
Legal org name: Macro Technologies LLC
Legal org type: Private
Legal addr line1: 12530 135th Ave NE
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 425-825-8100
Legal effective date: 08/01/2009
Land org name: Loyal Stewards LLC
Land org type: Private
Land person name: Not reported
Land addr line1: 1745 92nd Ave NE
Land city,st,zip: Clyde Hill, WA 98004
Land country: UNITED STATES
Land phone nbr: 206-406-2768
Operator org name: Not reported
Operator org type: Private
Operator addr line1: 12530 135TH AVE NE
Operator city,st,zip: KIRKLAND, WA 98034-8709
Operator country: UNITED STATES
Operator phone nbr: 425-825-8100
Operator effective date: 12/01/2010
Site contact name: Jeff Williams
Site contact addr line1: 12530 135th Ave NE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Site Contact City/State/ Zip: KIRKLAND, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-825-8100 #19
Site Contact Email: jeffw@macrotechnologies.com
Form Contact NAME: Jeff Williams
Form Contact ADDR LINE1: 12530 135th Ave NE
Form Contact City,ST,Zip: KIRKLAND, WA 98034
Form Contact Country: UNITED STATES
Form Contact Phone #: 425-825-8100 #19
Form Contact Email: jeffw@macrotechnologies.com
Gen Status CD: LQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 99456278
Data Year: 2011
Description: Spent Electropolish waste water
Mix: False
Reported Qty: 2877.30000 LB
Kilo Qty: 1305.14330
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2011
Description: Regulated waste coolant
Mix: False
Reported Qty: 17981.0400 LB
Kilo Qty: 8156.19988
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012
Description: SPENT ELCTROPOLISH WASTE WATER
Mix: False
Reported Qty: 12284.82 LB
Kilo Qty: 5572.39444
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Description: ABSORBANTS W/REGULATED WASTE COOLANT
Mix: False
Reported Qty: 2305 LB
Kilo Qty: 1045.54801
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012
Description: Regulated waste coolant
Mix: False
Reported Qty: 46987.5599 LB
Kilo Qty: 21313.5575
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2013
Description: SPENT ELCTROPOLISH WASTE WATER
Mix: False
Reported Qty: 13491 LB
Kilo Qty: 6119.51770
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2013
Description: ABSORBANTS W/REGULATED WASTE COOLANT
Mix: False
Reported Qty: 1451 LB
Kilo Qty: 658.173611
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2013
Description: Regulated waste coolant
Mix: False
Reported Qty: 74317.7400 LB
Kilo Qty: 33710.5274
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: SPENT/USED FLOOR CLEANING WATER
Mix: False
Reported Qty: 2793.90000 LB
Kilo Qty: 1267.31306
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: SPENT/USED FLOOR CLEANING WATER
Mix: False
Reported Qty: 1203 LB

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Kilo Qty: 545.680809
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: LT SPRAY PAINT
Mix: False
Reported Qty: 584.710000 LB
Kilo Qty: 265.224460
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: SHELL TELLUS 100 HYDRAULIC OIL
Mix: False
Reported Qty: 3927.30000 LB
Kilo Qty: 1781.42331
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: SPENT ELCTROPOLISH WASTE WATER
Mix: False
Reported Qty: 17889.2999 LB
Kilo Qty: 8114.58661
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: ABSORBANTS W/REGULATED WASTE COOLANT
Mix: False
Reported Qty: 2293 LB
Kilo Qty: 1040.10481
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: Regulated waste coolant
Mix: False
Reported Qty: 99471.1799 LB
Kilo Qty: 45120.1280
Density No: 0
Density Qty: Not reported

Shipments Sent:
Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-10-31 00:00:00
Reported Qty: 2877.30000 LB
Kilo Qty: 1305.14330

Facility ID: 99456278

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Data Year: 2011
Shipment sent data: 2011-12-08 00:00:00
Reported Qty: 4270.07999 LB
Kilo Qty: 1936.90832

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-11-07 00:00:00
Reported Qty: 4003.19999 LB
Kilo Qty: 1815.85155

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-10-07 00:00:00
Reported Qty: 3411.05999 LB
Kilo Qty: 1547.25684

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-07-29 00:00:00
Reported Qty: 3252.59999 LB
Kilo Qty: 1475.37938

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-04-13 00:00:00
Reported Qty: 3044.09999 LB
Kilo Qty: 1380.80378

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-12-26 00:00:00
Reported Qty: 220 LB
Kilo Qty: 99.7920017

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-10-01 00:00:00
Reported Qty: 310 LB
Kilo Qty: 140.616002

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-07-02 00:00:00
Reported Qty: 375 LB
Kilo Qty: 170.100002

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-04-11 00:00:00
Reported Qty: 700 LB
Kilo Qty: 317.520005

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-02-15 00:00:00
Reported Qty: 700 LB

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Kilo Qty:	317.520005
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-12-04 00:00:00
Reported Qty:	2468.63999 LB
Kilo Qty:	1119.77512
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-09-10 00:00:00
Reported Qty:	2476.98 LB
Kilo Qty:	1123.55814
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-07-23 00:00:00
Reported Qty:	2502 LB
Kilo Qty:	1134.90721
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-06-05 00:00:00
Reported Qty:	2168.40000 LB
Kilo Qty:	983.586256
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-02-23 00:00:00
Reported Qty:	2668.80000 LB
Kilo Qty:	1210.56770
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-12-07 00:00:00
Reported Qty:	10058.0400 LB
Kilo Qty:	4562.32702
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-09-11 00:00:00
Reported Qty:	6655.31999 LB
Kilo Qty:	3018.85320
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-07-19 00:00:00
Reported Qty:	8089.80000 LB
Kilo Qty:	3669.53334
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-05-18 00:00:00
Reported Qty:	4420.19999 LB
Kilo Qty:	2005.00275

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Waste Stream Comments:

Facility ID:	99456278
Data Year:	2011
Comments:	Liquid wastewater from manufacturing process
Facility ID:	99456278
Data Year:	2011
Comments:	Liquid from manufacturing process
Facility ID:	99456278
Data Year:	2012
Comments:	REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS
Facility ID:	99456278
Data Year:	2012
Comments:	WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS
Facility ID:	99456278
Data Year:	2012
Comments:	ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES
Facility ID:	99456278
Data Year:	2013
Comments:	WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS
Facility ID:	99456278
Data Year:	2013
Comments:	ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES
Facility ID:	99456278
Data Year:	2013
Comments:	REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS
Facility ID:	99456278
Data Year:	2014
Comments:	FLOOR CLEANING WATER FROM SHUTDOWN OF CHEMICAL PROCESSES
Facility ID:	99456278
Data Year:	2014
Comments:	SPENT PAINT RELATED MATERIAL A-7, A-8
Facility ID:	99456278
Data Year:	2014
Comments:	REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS, A-8
Facility ID:	99456278
Data Year:	2014
Comments:	WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS
Facility ID:	99456278
Data Year:	2014

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Comments: A-8: WATER FROM CLEANING FLOORS AND DECONTAMINATION OF CHEMICAL PROCESS EQUIPMENT FOR PROCESS SHUTDOWN.

Facility ID: 99456278

Data Year: 2014

Comments: ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES

Facility Site ID Number: 99456278
EPA ID: WAD009256900
NAICS: 335122
SWC Desc: WATB11 WAT01-1 WAT01-2 WATB01-1 WATB01-2
FWC Desc: D002 D007 D008
Form Comm: Not reported
Data Year: 2012
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 270400104
Business Type: Manufacturing
Mail Name: Macro Technologies LLC
Mail addr line1: 12530 135th Ave NE
Mail city,st,zip: KIRKLAND, WA 98034
Mail country: UNITED STATES
Legal org name: Macro Technologies LLC
Legal org type: Private
Legal addr line1: 12530 135th Ave NE
Legal city,st,zip: KIRKLAND, WA 98034
Legal country: UNITED STATES
Legal phone nbr: 425-825-8100
Legal effective date: 08/01/2009
Land org name: Loyal Stewards LLC
Land org type: Private
Land person name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Land addr line1: 1745 92nd Ave NE
Land city,st,zip: Clyde Hill, WA 98004
Land country: UNITED STATES
Land phone nbr: 206-406-2768
Operator org name: Not reported
Operator org type: Private
Operator addr line1: 12530 135TH AVE NE
Operator city,st,zip: KIRKLAND, WA 98034-8709
Operator country: UNITED STATES
Operator phone nbr: 425-825-8100
Operator effective date: 12/01/2010
Site contact name: Jeff Williams
Site contact addr line1: 12530 135th Ave NE
Site Contact City/State/ Zip: KIRKLAND, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-825-8100 #19
Site Contact Email: jeffw@macrotechnologies.com
Form Contact NAME: Jeff Williams
Form Contact ADDR LINE1: 12530 135th Ave NE
Form Contact City,ST,Zip: KIRKLAND, WA 98034
Form Contact Country: UNITED STATES
Form Contact Phone #: 425-825-8100 #19
Form Contact Email: jeffw@macrotechnologies.com
Gen Status CD: LQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 99456278
Data Year: 2011
Description: Spent Electropolish waste water
Mix: False
Reported Qty: 2877.30000 LB
Kilo Qty: 1305.14330
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2011
Description: Regulated waste coolant
Mix: False
Reported Qty: 17981.0400 LB
Kilo Qty: 8156.19988
Density No: 0

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2012
Description:	SPENT ELCTROPOLISH WASTE WATER
Mix:	False
Reported Qty:	12284.82 LB
Kilo Qty:	5572.39444
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2012
Description:	ABSORBANTS W/REGULATED WASTE COOLANT
Mix:	False
Reported Qty:	2305 LB
Kilo Qty:	1045.54801
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2012
Description:	Regulated waste coolant
Mix:	False
Reported Qty:	46987.5599 LB
Kilo Qty:	21313.5575
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2013
Description:	SPENT ELCTROPOLISH WASTE WATER
Mix:	False
Reported Qty:	13491 LB
Kilo Qty:	6119.51770
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2013
Description:	ABSORBANTS W/REGULATED WASTE COOLANT
Mix:	False
Reported Qty:	1451 LB
Kilo Qty:	658.173611
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2013
Description:	Regulated waste coolant
Mix:	False
Reported Qty:	74317.7400 LB
Kilo Qty:	33710.5274
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Data Year: 2014
Description: SPENT/USED FLOOR CLEANING WATER
Mix: False
Reported Qty: 2793.90000 LB
Kilo Qty: 1267.31306
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: SPENT/USED FLOOR CLEANING WATER
Mix: False
Reported Qty: 1203 LB
Kilo Qty: 545.680809
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: LT SPRAY PAINT
Mix: False
Reported Qty: 584.710000 LB
Kilo Qty: 265.224460
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: SHELL TELLUS 100 HYDRAULIC OIL
Mix: False
Reported Qty: 3927.30000 LB
Kilo Qty: 1781.42331
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: SPENT ELCTROPOLISH WASTE WATER
Mix: False
Reported Qty: 17889.2999 LB
Kilo Qty: 8114.58661
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: ABSORBANTS W/REGULATED WASTE COOLANT
Mix: False
Reported Qty: 2293 LB
Kilo Qty: 1040.10481
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: Regulated waste coolant
Mix: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Reported Qty: 99471.1799 LB
Kilo Qty: 45120.1280
Density No: 0
Density Qty: Not reported

Shipments Sent:

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-10-31 00:00:00
Reported Qty: 2877.30000 LB
Kilo Qty: 1305.14330

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-12-08 00:00:00
Reported Qty: 4270.07999 LB
Kilo Qty: 1936.90832

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-11-07 00:00:00
Reported Qty: 4003.19999 LB
Kilo Qty: 1815.85155

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-10-07 00:00:00
Reported Qty: 3411.05999 LB
Kilo Qty: 1547.25684

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-07-29 00:00:00
Reported Qty: 3252.59999 LB
Kilo Qty: 1475.37938

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-04-13 00:00:00
Reported Qty: 3044.09999 LB
Kilo Qty: 1380.80378

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-12-26 00:00:00
Reported Qty: 220 LB
Kilo Qty: 99.7920017

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-10-01 00:00:00
Reported Qty: 310 LB
Kilo Qty: 140.616002

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-07-02 00:00:00

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Reported Qty:	375 LB
Kilo Qty:	170.100002
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-04-11 00:00:00
Reported Qty:	700 LB
Kilo Qty:	317.520005
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-02-15 00:00:00
Reported Qty:	700 LB
Kilo Qty:	317.520005
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-12-04 00:00:00
Reported Qty:	2468.63999 LB
Kilo Qty:	1119.77512
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-09-10 00:00:00
Reported Qty:	2476.98 LB
Kilo Qty:	1123.55814
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-07-23 00:00:00
Reported Qty:	2502 LB
Kilo Qty:	1134.90721
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-06-05 00:00:00
Reported Qty:	2168.40000 LB
Kilo Qty:	983.586256
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-02-23 00:00:00
Reported Qty:	2668.80000 LB
Kilo Qty:	1210.56770
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-12-07 00:00:00
Reported Qty:	10058.0400 LB
Kilo Qty:	4562.32702
Facility ID:	99456278
Data Year:	2012
Shipment sent data:	2012-09-11 00:00:00
Reported Qty:	6655.31999 LB
Kilo Qty:	3018.85320

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-07-19 00:00:00
Reported Qty: 8089.80000 LB
Kilo Qty: 3669.53334

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-05-18 00:00:00
Reported Qty: 4420.19999 LB
Kilo Qty: 2005.00275

Waste Stream Comments:

Facility ID: 99456278
Data Year: 2011
Comments: Liquid wastewater from manufacturing process

Facility ID: 99456278
Data Year: 2011
Comments: Liquid from manufacturing process

Facility ID: 99456278
Data Year: 2012
Comments: REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS

Facility ID: 99456278
Data Year: 2012
Comments: WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS

Facility ID: 99456278
Data Year: 2012
Comments: ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES

Facility ID: 99456278
Data Year: 2013
Comments: WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS

Facility ID: 99456278
Data Year: 2013
Comments: ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES

Facility ID: 99456278
Data Year: 2013
Comments: REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS

Facility ID: 99456278
Data Year: 2014
Comments: FLOOR CLEANING WATER FROM SHUTDOWN OF CHEMICAL PROCESSES

Facility ID: 99456278
Data Year: 2014
Comments: SPENT PAINT RELATED MATERIAL A-7, A-8

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Facility ID: 99456278
Data Year: 2014
Comments: REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS, A-8

Facility ID: 99456278
Data Year: 2014
Comments: WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS

Facility ID: 99456278
Data Year: 2014
Comments: A-8: WATER FROM CLEANING FLOORS AND DECONTAMINATION OF CHEMICAL PROCESS EQUIPMENT FOR PROCESS SHUTDOWN.

Facility ID: 99456278
Data Year: 2014
Comments: ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES

Facility Site ID Number: 99456278
EPA ID: WAD009256900
NAICS: 335122
SWC Desc: Not reported
FWC Desc: D001,D002,D007,D008
Form Comm: 5.) Legal Ownership of the company Macro Technologies has changed. Macro Technologies was purchased by Enginered Controls International, LLC on 01/31/20141.) Macro Technologies has closed out all manufacturing operation at the Kirkland, Washington facility and is withdrawing it's RCRA Site ID Number (WAD009256900).Thank you, Jimmy McCandies, Environmntal/Safety Cooordinator; Engineered Controls International, LLC

Data Year: 2014
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 270400104
Business Type: Manufacturing
Mail Name: Engineered Control International, LLC
Mail addr line1: PO Box 247
Mail addr line2: 100 Rego Drive
Mail city,st,zip: Elon, NC 27244
Mail country: UNITED STATES
Legal org name: Macro Technologies LLC
Legal org type: Private
Legal addr line1: PO Box 247
Legal addr line2: 100 Rego Drive
Legal city,st,zip: Elon, NC 27244
Legal country: UNITED STATES
Legal phone nbr: (336)449-7707,ext 261
Legal effective date: 01/31/2014
Land org name: Loyal Stewards LLC
Land org type: Private
Land person name: Not reported
Land addr line1: 1745 92nd Ave NE
Land city,st,zip: Clyde Hill, WA 98004
Land country: UNITED STATES
Land phone nbr: 206-406-2768
Operator org name: Engineered Controls International, LLC
Operator org type: Private
Operator addr line1: PO Box 247
Operator addr line2: 100 Rego Drive
Operator city,st,zip: Elon, NC 27244
Operator country: UNITED STATES
Operator phone nbr: (336)449-7707,ext 261
Operator effective date: 01/31/2014
Site contact name: Jimmy I McCandies
Site contact addr line1: PO Box 247
Site contact addr line2: 100 Rego Drive
Site Contact City/State/ Zip: Elon, NC 27244
Site Contact Country: UNITED STATES
Site Contact Phone #: (336)449-7707,ext 261
Site Contact EMail: jmccandi@regoproducts.com
Form Contact NAME: Jimmy I McCandies
Form Contact ADDR LINE1: PO Box 247
Form Contact ADDR LINE2: 100 Rego Drive
Form Contact City,ST,Zip: Elon, NC 27244
Form Contact Country: UNITED STATES
Form Contact Phone #: (336)449-7707,ext 261
Form Contact EMail: jmccandi@regoproducts.com
Gen Status CD: LQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 99456278
Data Year: 2011
Description: Spent Electropolish waste water
Mix: False
Reported Qty: 2877.30000 LB
Kilo Qty: 1305.14330
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2011
Description: Regulated waste coolant
Mix: False
Reported Qty: 17981.0400 LB
Kilo Qty: 8156.19988
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012
Description: SPENT ELCTROPOLISH WASTE WATER
Mix: False
Reported Qty: 12284.82 LB
Kilo Qty: 5572.39444
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012
Description: ABSORBANTS W/REGULATED WASTE COOLANT
Mix: False
Reported Qty: 2305 LB
Kilo Qty: 1045.54801
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2012
Description: Regulated waste coolant
Mix: False
Reported Qty: 46987.5599 LB
Kilo Qty: 21313.5575
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2013
Description: SPENT ELCTROPOLISH WASTE WATER
Mix: False
Reported Qty: 13491 LB

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Kilo Qty:	6119.51770
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2013
Description:	ABSORBANTS W/REGULATED WASTE COOLANT
Mix:	False
Reported Qty:	1451 LB
Kilo Qty:	658.173611
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2013
Description:	Regulated waste coolant
Mix:	False
Reported Qty:	74317.7400 LB
Kilo Qty:	33710.5274
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	SPENT/USED FLOOR CLEANING WATER
Mix:	False
Reported Qty:	2793.90000 LB
Kilo Qty:	1267.31306
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	SPENT/USED FLOOR CLEANING WATER
Mix:	False
Reported Qty:	1203 LB
Kilo Qty:	545.680809
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	LT SPRAY PAINT
Mix:	False
Reported Qty:	584.710000 LB
Kilo Qty:	265.224460
Density No:	0
Density Qty:	Not reported
Facility ID:	99456278
Data Year:	2014
Description:	SHELL TELLUS 100 HYDRAULIC OIL
Mix:	False
Reported Qty:	3927.30000 LB
Kilo Qty:	1781.42331
Density No:	0
Density Qty:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Facility ID: 99456278
Data Year: 2014
Description: SPENT ELCTROPOLISH WASTE WATER
Mix: False
Reported Qty: 17889.2999 LB
Kilo Qty: 8114.58661
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: ABSORBANTS W/REGULATED WASTE COOLANT
Mix: False
Reported Qty: 2293 LB
Kilo Qty: 1040.10481
Density No: 0
Density Qty: Not reported

Facility ID: 99456278
Data Year: 2014
Description: Regulated waste coolant
Mix: False
Reported Qty: 99471.1799 LB
Kilo Qty: 45120.1280
Density No: 0
Density Qty: Not reported

Shipments Sent:
Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-10-31 00:00:00
Reported Qty: 2877.30000 LB
Kilo Qty: 1305.14330

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-12-08 00:00:00
Reported Qty: 4270.07999 LB
Kilo Qty: 1936.90832

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-11-07 00:00:00
Reported Qty: 4003.19999 LB
Kilo Qty: 1815.85155

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-10-07 00:00:00
Reported Qty: 3411.05999 LB
Kilo Qty: 1547.25684

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-07-29 00:00:00
Reported Qty: 3252.59999 LB
Kilo Qty: 1475.37938

MAP FINDINGS

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

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Facility ID: 99456278
Data Year: 2011
Shipment sent data: 2011-04-13 00:00:00
Reported Qty: 3044.09999 LB
Kilo Qty: 1380.80378

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-12-26 00:00:00
Reported Qty: 220 LB
Kilo Qty: 99.7920017

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-10-01 00:00:00
Reported Qty: 310 LB
Kilo Qty: 140.616002

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-07-02 00:00:00
Reported Qty: 375 LB
Kilo Qty: 170.100002

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-04-11 00:00:00
Reported Qty: 700 LB
Kilo Qty: 317.520005

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-02-15 00:00:00
Reported Qty: 700 LB
Kilo Qty: 317.520005

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-12-04 00:00:00
Reported Qty: 2468.63999 LB
Kilo Qty: 1119.77512

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-09-10 00:00:00
Reported Qty: 2476.98 LB
Kilo Qty: 1123.55814

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-07-23 00:00:00
Reported Qty: 2502 LB
Kilo Qty: 1134.90721

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-06-05 00:00:00

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Reported Qty: 2168.40000 LB
Kilo Qty: 983.586256

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-02-23 00:00:00
Reported Qty: 2668.80000 LB
Kilo Qty: 1210.56770

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-12-07 00:00:00
Reported Qty: 10058.0400 LB
Kilo Qty: 4562.32702

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-09-11 00:00:00
Reported Qty: 6655.31999 LB
Kilo Qty: 3018.85320

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-07-19 00:00:00
Reported Qty: 8089.80000 LB
Kilo Qty: 3669.53334

Facility ID: 99456278
Data Year: 2012
Shipment sent data: 2012-05-18 00:00:00
Reported Qty: 4420.19999 LB
Kilo Qty: 2005.00275

Waste Stream Comments:

Facility ID: 99456278
Data Year: 2011
Comments: Liquid wastewater from manufacturing process

Facility ID: 99456278
Data Year: 2011
Comments: Liquid from manufacturing process

Facility ID: 99456278
Data Year: 2012
Comments: REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS

Facility ID: 99456278
Data Year: 2012
Comments: WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS

Facility ID: 99456278
Data Year: 2012
Comments: ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES

Facility ID: 99456278

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Data Year: 2013
Comments: WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS

Facility ID: 99456278
Data Year: 2013
Comments: ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES

Facility ID: 99456278
Data Year: 2013
Comments: REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS

Facility ID: 99456278
Data Year: 2014
Comments: FLOOR CLEANING WATER FROM SHUTDOWN OF CHEMICAL PROCESSES

Facility ID: 99456278
Data Year: 2014
Comments: SPENT PAINT RELATED MATERIAL A-7, A-8

Facility ID: 99456278
Data Year: 2014
Comments: REGULATED WASTE COOLANT GENERATED IN THE MACHINING PROCESS OF METALS, A-8

Facility ID: 99456278
Data Year: 2014
Comments: WASTE WATER GENERATED WHEN RINSING PARTS AFTER THE ELECTROPOLISH PROCESS

Facility ID: 99456278
Data Year: 2014
Comments: A-8: WATER FROM CLEANING FLOORS AND DECONTAMINATION OF CHEMICAL PROCESS EQUIPMENT FOR PROCESS SHUTDOWN.

Facility ID: 99456278
Data Year: 2014
Comments: ABSORBANT PADS USED TO CLEAN UP ANY REGULATED WASTE COOLANT GENERATED BY MACHINES

NPDES:

Facility Status: Not reported
Facility Type: Industrial SW GP
Admin Region: Headquarters
Date Issued: 05/16/2012
Latitude: Not reported
Longitude: Not reported
Permit ID: CNE302517
Permit Version: Not reported
Permit Status: Active
Permit SubStatus: Not reported
Ecology Contact: Not reported
WRIA: Not reported
Permit Expiration Date: 12/31/2019
Effective Date: 06/25/2014

MAP FINDINGS

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

MACRO TECHNOLOGIES LLC KIRKLAND (Continued)

1004793353

Days to Expiration: -531

H37
South
1/4-1/2
0.397 mi.
2096 ft.

SYSTI-MATIC COMPANY
12530 135TH AVE. NE
KIRKLAND, WA 98034

Site 4 of 4 in cluster H

ICR S104487676
N/A

ICR:
 Date Ecology Received Report: 02/15/94
 Contaminants Found at Site: Total petroleum hydrocarbons
 Media Contaminated: Soil

38
SE
1/4-1/2
0.434 mi.
2294 ft.

WILLOWS ROAD WAREHOUSE
12611 WILLOWS RD NE
KIRKLAND, WA 98034

ALLSITES S120846129
N/A

ALLSITES:
 Facility Name: WILLOWS ROAD WAREHOUSE
 Facility Id: 8910

Interaction: 122147
 Interaction 1: A
 Interaction 2: CONSTSWGP
 Ecology Program: WATQUAL
 Program Data: PARIS
 Facility Alt.: Willows Road Warehouse
 Program ID: Not reported
 Date Interaction: 2017-04-06 00:00:00
 Date Interaction 3: Construction SW GP
 Latitude: 47.713521669999999
 Longitude: -122.154232214

39
NNW
1/4-1/2
0.457 mi.
2412 ft.

MUIR ELEMENTARY
14012 132ND AVE NE
KIRKLAND, WA 98034

ALLSITES S110486215
N/A

ALLSITES:
 Facility Name: MUIR ELEMENTARY
 Facility Id: 18150

Interaction: 93368
 Interaction 1: I
 Interaction 2: CONSTSWGP
 Ecology Program: WATQUAL
 Program Data: PARIS
 Facility Alt.: Muir Elementary
 Program ID: WAR012487
 Date Interaction: 2010-06-07 00:00:00
 Date Interaction 3: Construction SW GP
 Latitude: 47.728348969000002

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MUIR ELEMENTARY (Continued)

S110486215

Longitude: -122.15700499099999

I40
SSE
1/4-1/2
0.465 mi.
2457 ft.

PRIMEX AEROSPACE C BLDG 96A
12421 WILLOW RD NE STE 200
KIRKLAND, WA 98034

Site 1 of 2 in cluster I

ALLSITES 1004793675
RCRA NonGen / NLR WAD155359219
FINDS
ECHO

ALLSITES:

Facility Name: PRIMEX AEROSPACE C BLDG 96A
Facility Id: 35168614

Interaction: 39751
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD155359219
Date Interaction: 1998-08-03 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.711614357000002
Longitude: -122.15451511000001

Interaction: 39749
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD155359219
Date Interaction: 1988-03-30 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.711614357000002
Longitude: -122.15451511000001

Interaction: 39750
Interaction 1: I
Interaction 2: TIER2
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD155359219
Date Interaction: 1998-01-01 00:00:00
Date Interaction 3: Emergency/Haz Chem Rpt TI
Latitude: 47.711614357000002
Longitude: -122.15451511000001

RCRA NonGen / NLR:

Date form received by agency: 01/24/2001
Facility name: PRIMEX AEROSPACE C BLDG 96A
Facility address: 12421 WILLOW RD NE STE 200
KIRKLAND, WA 98034

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PRIMEX AEROSPACE C BLDG 96A (Continued)

1004793675

EPA ID: WAD155359219
Mailing address: PO BOX 97009
REDMOND, WA 98073-9709
Contact: PRIMEX AEROSPAC PRIMEX AEROSPAC
Contact address: PO BOX 97009
REDMOND, WA 98073-9709
Contact country: US
Contact telephone: 425-885-5000
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DONALD M
Owner/operator address: PO BOX 97009
REDMOND, WA 98073
Owner/operator country: US
Owner/operator telephone: 425-885-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/03/1998
Owner/Op end date: Not reported

Owner/operator name: PRIMEX AEROSPAC P
Owner/operator address: PO BOX 97009
REDMOND, WA 98073
Owner/operator country: US
Owner/operator telephone: 425-885-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/03/1998
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PRIMEX AEROSPACE C BLDG 96A (Continued)

1004793675

Historical Generators:

Date form received by agency:08/03/1998

Site name: PRIMEX AEROSPACE C BLDG 96A

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005332755

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.

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

ECHO:

Envid: 1004793675

Registry ID: 110005332755

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005332755>

I41
SSE
1/4-1/2
0.465 mi.
2457 ft.

UNIVERSAL AVIONICS SYSTEMS CORP
12421 WILLOWS RD NE 2ND FLOOR
KIRKLAND, WA 98034

Site 2 of 2 in cluster I

ALLSITES 1001600636
RCRA NonGen / NLR WAD981774292

ALLSITES:

Facility Name: UNIVERSAL AVIONICS SYSTEMS CORP
Facility Id: 30116618

Interaction: 36999
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD981774292
Date Interaction: 1988-09-16 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.711614357000002
Longitude: -122.15451511000001

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNIVERSAL AVIONICS SYSTEMS CORP (Continued)

1001600636

RCRA NonGen / NLR:

Date form received by agency: 02/28/2000
Facility name: UNIVERSAL AVIONICS SYSTEMS CORP
Facility address: 12421 WILLOWS RD NE 2ND FLOOR
KIRKLAND, WA 98034
EPA ID: WAD981774292
Mailing address: 11351 WILLOWS RD NE
REDMOND, WA 98052
Contact: RICHARD LAW
Contact address: 11351 WILLOWS RD NE
REDMOND, WA 98052-2552
Contact country: US
Contact telephone: 425-602-5000
Telephone ext.: 6410
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: UNIVERSAL AVIONICS SYSTEMS CORP
Owner/operator address: 3260 E LERDO RD
TUCSON, AZ 85706
Owner/operator country: US
Owner/operator telephone: 000-000-0000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: SAGMA HOLDINGS
Owner/operator address: PO BOX 85 FL9490 VADUZ HERRENGASSE 12
LIECHTENSTEIN,
Owner/operator country: LI
Owner/operator telephone: (011)410-7523
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNIVERSAL AVIONICS SYSTEMS CORP (Continued)

1001600636

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/23/1999
Site name: UNIVERSAL AVIONICS SYSTEMS CORP
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

42
SW
1/4-1/2
0.478 mi.
2523 ft.

CIR QUICK INCORPORATED
12817 NE 126TH PL
KIRKLAND, WA 98034

ALLSITES 1000139524
RCRA NonGen / NLR WAD981768294
FINDS
ECHO

ALLSITES:

Facility Name: CIR QUICK INC
Facility Id: 54434341

Interaction: 50751
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD981768294
Date Interaction: 1997-01-01 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.713434358000001
Longitude: -122.165915107

Interaction: 50750
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD981768294
Date Interaction: 1987-07-21 00:00:00
Date Interaction 3: Hazardous Waste Generator

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CIR QUICK INCORPORATED (Continued)

1000139524

Latitude: 47.713434358000001
Longitude: -122.165915107

RCRA NonGen / NLR:

Date form received by agency: 03/30/1998
Facility name: CIR QUICK INC
Facility address: 12817 NE 126TH PL
KIRKLAND, WA 98034
EPA ID: WAD981768294
Mailing address: PO BOX 875
REDMOND, WA 98073
Contact: DAVID NANLE
Contact address: 21817 NE 126TH PL
KIRKLAND, WA 98034
Contact country: US
Contact telephone: 425-821-6247
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: RYDER, DAVE
Owner/operator address: PO BOX 875
REDMOND, WA 98073
Owner/operator country: US
Owner/operator telephone: 206-882-1873
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: WILLOWS PARK ASSOCIATES
Owner/operator address: PO BOX 5003
BELLEVUE, WA 98009
Owner/operator country: US
Owner/operator telephone: 000-000-0000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CIR QUICK INCORPORATED (Continued)

1000139524

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/30/1998
Site name: CIR QUICK INC
Classification: Large Quantity Generator

Date form received by agency: 03/30/1998
Site name: CIR QUICK INC
Classification: Not a generator, verified

Date form received by agency: 03/30/1998
Site name: CIR QUICK INC
Classification: Not a generator, verified

. Waste code: D008
. Waste name: LEAD

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Violation Status: No violations found

FINDS:

Registry ID: 110000828800

Environmental Interest/Information System

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MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CIR QUICK INCORPORATED (Continued)

1000139524

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

ECHO:

Envid: 1000139524
Registry ID: 110000828800
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000828800>

43
WSW
1/4-1/2
0.479 mi.
2529 ft.

12528 NE 129TH COURT
12528 NE 129TH COURT APT. C9
KIRKLAND, WA 98034

US BROWNFIELDS 1023618534
N/A

US BROWNFIELDS:

Property Name: 12528 NE 129TH COURT
Recipient Name: Public Health Seattle & King County
Grant Type: Assessment
Property Number: 2826059141
Parcel size: 1
Latitude: 47.7163
Longitude: -122.173373
HCM Label: Not reported
Map Scale: Not reported
Point of Reference: Not reported
Highlights: Not reported
Datum: Not reported
Acres Property ID: 16066
IC Data Access: Not reported
Start Date: Not reported
Redev Completion Date: Not reported
Completed Date: Not reported
Acres Cleaned Up: Not reported
Cleanup Funding: Not reported
Cleanup Funding Source: Not reported
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: Not reported
Cleanup Funding Entity: Not reported
Grant Type: N/A
Accomplishment Type: Not reported
Accomplishment Count: 0
Cooperative Agreement Number: 97093401
Start Date: Not reported
Ownership Entity: Not reported
Completion Date: Not reported
Current Owner: Marvin F. Poer and Company
Did Owner Change: Not reported
Cleanup Required: Not reported
Video Available: Not reported
Photo Available: Not reported
Institutional Controls Required: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

12528 NE 129TH COURT (Continued)

1023618534

IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

12528 NE 129TH COURT (Continued)

1023618534

Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	196
Below Poverty Percent:	5.4%
Meidan Income:	6048
Meidan Income Number:	669
Meidan Income Percent:	18.3%
Vacant Housing Number:	119
Vacant Housing Percent:	6.8%
Unemployed Number:	201
Unemployed Percent:	5.5%

44
WNW
1/4-1/2
0.488 mi.
2575 ft.

COMPTON PROPERTY
12521 NE 137TH PL
KIRKLAND, WA 98034

ALLSITES S104971604
CSCSL NFA N/A

ALLSITES:

Facility Name:	COMPTON PROPERTY
Facility Id:	2440

Interaction:	4464
Interaction 1:	I
Interaction 2:	SCS
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	COMPTON PROPERTY
Program ID:	Not reported
Date Interaction:	1993-03-05 00:00:00
Date Interaction 3:	State Cleanup Site

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

COMPTON PROPERTY (Continued)

S104971604

Latitude: 47.722963413999999
Longitude: -122.1738055999999

CSCSL NFA:

Facility/Site Id: 2440
CS Id: 3166
NFA Date: 12/20/1996
Rank: Not reported
VCP: No
Latitude: 47.722969055
Longitude: -122.1738205

45
SSE
1/4-1/2
0.490 mi.
2585 ft.

LAMONTS APPAREL INC CORP OFFICE KIRKLAND
12413 WILLOWS RD NE
KIRKLAND, WA 98034

ALLSITES 1004795098
RCRA NonGen / NLR WAR000008599
FINDS
ECHO

ALLSITES:

Facility Name: LAMONTS APPAREL INC CORP OFFICE KIRKLAND
Facility Id: 84277322

Interaction: 67671
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAR000008599
Date Interaction: 1996-04-03 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.711554356999997
Longitude: -122.15452510900001

RCRA NonGen / NLR:

Date form received by agency: 06/25/2001
Facility name: LAMONTS APPAREL INC CORP OFFICE KIRKLAND
Facility address: 12413 WILLOWS RD NE
KIRKLAND, WA 98034
EPA ID: WAR000008599
Contact: UWE NAUSNER
Contact address: 12413 WILLOWS RD NE
KIRKLAND, WA 98034-8711
Contact country: US
Contact telephone: 425-814-5779
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LAMONTS APPAREL INC
Owner/operator address: 12413 WILLOWS RD NE
KIRKLAND, WA 98034

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LAMONTS APPAREL INC CORP OFFICE KIRKLAND (Continued)

1004795098

Owner/operator country: US
Owner/operator telephone: 425-814-5700
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BENTALL
Owner/operator address: 3605 132ND AVE SE #300
BELLEVUE, WA 98006

Owner/operator country: US
Owner/operator telephone: 425-643-4300
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 05/10/2001
Site name: LAMONTS APPAREL INC CORP OFFICE KIRKLAND
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005404482

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

MAP FINDINGS

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

LAMONTS APPAREL INC CORP OFFICE KIRKLAND (Continued)

1004795098

corrective action activities required under RCRA.

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

ECHO:

Envid:	1004795098
Registry ID:	110005404482
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110005404482

J46
South
1/4-1/2
0.495 mi.
2613 ft.

GRAHAM STEEL CORPORATION
13210 NE 124TH ST.
KIRKLAND, WA 98034

Site 1 of 2 in cluster J

ICR S103507593
N/A

ICR:

Date Ecology Received Report:	11/01/91
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Soil
Waste Management:	Tank
Region:	North Western
Type of Report Ecology Received:	Final cleanup report
Site Register Issue:	92-45
County Code:	17
Contact:	Not reported
Report Title:	Not reported

J47
South
1/4-1/2
0.495 mi.
2613 ft.

GRAHAM STEEL CORP
13210 N E 124TH ST/PO BOX 658
KIRKLAND, WA 98083

Site 2 of 2 in cluster J

CSCSL U000595113
LUST N/A
UST
VCP
ALLSITES

CSCSL:

Facility ID:	37124273
Region:	Northwest
Lat/Long:	47.7114 / -122.16423
Brownfield Status:	Not reported
Rank Status:	N
Clean Up Siteid:	5967
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Metals - Other
Ground Water:	Below MTCA Cleanup Level After Assessment
Surface Water:	Not reported
Soil:	Below MTCA Cleanup Level After Assessment
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Northwest

Facility ID:	37124273
Region:	Northwest
Lat/Long:	47.7114 / -122.16423

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GRAHAM STEEL CORP (Continued)

U000595113

Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 5967
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Below MTCA Cleanup Level After Assessment
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 37124273
Region: Northwest
Lat/Long: 47.7114 / -122.16423
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 5967
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Diesel
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

LUST:

Facility ID: 37124273
Lust Status Type: NFA
Cleanup Site ID: 5967
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: Graham Steel
Lust Status Date: 11/18/2004
Response Section: Northwest
Lat/Long: 47.7114 / -122.16423

UST:

Facility ID: 37124273
Site Id: 11087
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.7114
Decimal Longitude: -122.16423

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 10/02/1991
Tank Install Date: 00/31/1980
Tank Closure Date: 12/11/1991

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GRAHAM STEEL CORP (Continued)

U000595113

Capacity Range: 2,001 to 4,999 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: 2
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 10/02/1991
Tank Install Date: 00/31/1980
Tank Closure Date: 12/11/1991
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: 3
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 10/02/1991
Tank Install Date: 00/31/1980
Tank Closure Date: 12/11/1991
Capacity Range: 10,000 to 19,999 Gallons

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GRAHAM STEEL CORP (Continued)

U000595113

Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: 4
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 10/02/1991
Tank Install Date: 00/31/1980
Tank Closure Date: 12/11/1991
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

VCP:

edr_fstat: WA
edr_fzip: 98034-8004
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 37124273
VCP Status: Not reported
VCP: Yes
Ecology Status: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GRAHAM STEEL CORP (Continued)

U000595113

NFA Type: Not reported
Date NFA: Not reported
Rank: N
Cleanup Siteid: 5967

edr_fstat: WA
edr_fzip: 98034-8004
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 37124273
VCP Status: Not reported
VCP: Yes
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: N
Cleanup Siteid: 5967

edr_fstat: WA
edr_fzip: 98034-8004
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 37124273
VCP Status: Not reported
VCP: Yes
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: N
Cleanup Siteid: 5967

ALLSITES:

Facility Name: TOYOTA SCION OF KIRKLAND
Facility Id: 11200

Interaction: 105411
Interaction 1: I
Interaction 2: CONSTSWGP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: Toyota Scion of Kirkland
Program ID: WAR127173
Date Interaction: 2013-05-23 00:00:00
Date Interaction 3: Construction SW GP
Latitude: 47.711888133000002
Longitude: -122.164621565

Facility Name: GRAHAM STEEL CORP
Facility Id: 37124273

Interaction: 41054
Interaction 1: A
Interaction 2: TIER2
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GRAHAM STEEL CORP (Continued)

U000595113

Program ID: WAD027338888
Date Interaction: 1990-01-01 00:00:00
Date Interaction 3: Emergency/Haz Chem Rpt TI
Latitude: 47.711394359000003
Longitude: -122.164215109

Interaction: 77833
Interaction 1: A
Interaction 2: VOLCLNST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: GRAHAM STEEL CORP
Program ID: NW2173
Date Interaction: 2009-07-07 00:00:00
Date Interaction 3: Voluntary Cleanup Sites
Latitude: 47.711394359000003
Longitude: -122.164215109

Interaction: 82586
Interaction 1: I
Interaction 2: INDSWGP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: GRAHAM STEEL CORP
Program ID: SO3001120
Date Interaction: 1993-03-31 00:00:00
Date Interaction 3: Industrial SW GP
Latitude: 47.711394359000003
Longitude: -122.164215109

Interaction: 41056
Interaction 1: I
Interaction 2: UST
Ecology Program: TOXICS
Program Data: UST
Facility Alt.: Not reported
Program ID: 11087
Date Interaction: 2000-03-20 00:00:00
Date Interaction 3: Underground Storage Tank
Latitude: 47.711394359000003
Longitude: -122.164215109

Interaction: 41053
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD027338888
Date Interaction: 1980-07-14 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.711394359000003
Longitude: -122.164215109

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GRAHAM STEEL CORP (Continued)

U000595113

Interaction: 41055
Interaction 1: I
Interaction 2: LUST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Not reported
Program ID: 11087
Date Interaction: 1991-10-07 00:00:00
Date Interaction 3: LUST Facility
Latitude: 47.711394359000003
Longitude: -122.164215109

Interaction: 41058
Interaction 1: I
Interaction 2: VOLCLNST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: GRAHAM STEEL CORP
Program ID: NW1350
Date Interaction: 2004-11-18 00:00:00
Date Interaction 3: Voluntary Cleanup Sites
Latitude: 47.711394359000003
Longitude: -122.164215109

48
SSW
1/2-1
0.515 mi.
2720 ft.

MIRACLE DRY CLEANERS
13205 NE 124TH ST STE A
KIRKLAND, WA 98034

CSCSL S111289396
ALLSITES N/A
Inactive Drycleaners

CSCSL:
Facility ID: 4915
Region: Northwest
Lat/Long: 47.711019226 / -122.16393711
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 11679
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Halogenated Solvents
Ground Water: Not reported
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:
Facility Name: MIRACLE DRY CLEANERS
Facility Id: 4915

Interaction: 98161
Interaction 1: I
Interaction 2: VOLCLNST

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MIRACLE DRY CLEANERS (Continued)

S111289396

Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Miracle Dry Cleaners
Program ID:	NW2498
Date Interaction:	2011-09-19 00:00:00
Date Interaction 3:	Voluntary Cleanup Sites
Latitude:	47.711013585000003
Longitude:	-122.163922215

INACTIVE DRYCLEANERS:

EPA I:	Not reported
FS Id:	4915
Facility ID:	4915
NAICS Code:	8123
Fed Waste Code Desc:	Not reported
State Waste Code Desc:	Not reported
TAX REG NBR:	Not reported
BUSINESS TYPE:	Not reported
MAIL NAME:	Not reported
MAIL LINE1:	Not reported
MAIL LINE2:	Not reported
MAIL CITY:	Not reported
MAIL STATE:	Not reported
MAIL ZIP:	Not reported
MAIL COUNTRY:	Not reported
LEGAL ORG NAME:	Not reported
LEGAL PERSON FIRST NAME:	Not reported
LEGAL PERSON MIDDLE INIT:	Not reported
LEGAL PERSON LAST NAME:	Not reported
LEGAL LINE1:	Not reported
LEGAL LINE2:	Not reported
LEGAL CITY:	Not reported
LEGAL STATE:	Not reported
LEGAL ZIP:	Not reported
LEGAL COUNTRY:	Not reported
LEGAL PHONE NBR:	Not reported
LEGAL EFFECTIVE DATE:	Not reported
LEGAL ORGANIZATION TYPE:	Not reported
LAND ORG NAME:	Not reported
LAND PERSON FIRST NAME:	Not reported
LAND PERSON MIDDLE INIT:	Not reported
LAND PERSON LAST NAME:	Not reported
LAND LINE1:	Not reported
LAND LINE2:	Not reported
LAND CITY:	Not reported
LAND STATE:	Not reported
LAND ZIP:	Not reported
LAND COUNTRY:	Not reported
LAND PHONE NBR:	Not reported
LAND ORGANIZATION TYPE:	Not reported
OPERATOR ORG NAME:	Not reported
OPERATOR PERSON FIRST NAME:	Not reported
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Not reported
OPERATOR LINE1:	Not reported
OPERATOR LINE2:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MIRACLE DRY CLEANERS (Continued)

S111289396

OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR COUNTRY:	Not reported
OPERATOR PHONE NBR:	Not reported
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Not reported
SITE CONTACT FIRST NAME:	Not reported
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Not reported
SITE CONTACT LINE1:	Not reported
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Not reported
SITE CONTACT STATE:	Not reported
SITE CONTACT ZIP:	Not reported
SITE CONTACT COUNTRY:	Not reported
SITE CONTACT PHONE NBR:	Not reported
SITE CONTACT EMAIL:	Not reported
FORM CONTACT FIRST NAME:	Not reported
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Not reported
FORM CONTACT LINE1:	Not reported
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Not reported
FORM CONTACT STATE:	Not reported
FORM CONTACT ZIP:	Not reported
FORM CONTACT COUNTRY:	Not reported
FORM CONTACT PHONE NBR:	Not reported
FORM CONTACT EMAIL:	Not reported
GEN STATUS CD:	Not reported
MONTHLY GENERATION:	Not reported
BATCH GENERATION:	Not reported
ONE TIME GENERATION:	Not reported
TRANSPORTS OWN WASTE:	Not reported
TRANSPORTS OTHERS WASTE:	Not reported
RECYCLER ONSITE:	Not reported
TRANSFER FACILITY:	Not reported
PBR:	Not reported
TBG:	Not reported
MIXED RADIOACTIVE:	Not reported
IMPORTER:	Not reported
TSDR FACILITY:	Not reported
IMMEDIATE RECYCLER:	Not reported
GEN DANG FUEL:	Not reported
GEN MARKET TO BURNER:	Not reported
GEN OTHER MARKETERS:	Not reported
UTILITY BOILER BURNER:	Not reported
INDUSTRY BOILER BURNER:	Not reported
FURNACE BURNER:	Not reported
SMELTER DEFERRAL:	Not reported
SMALL QTY EXEMPTION:	Not reported
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	Not reported
UW THERMOSTATS GEN:	Not reported
UW MERCURY GEN:	Not reported
UW LAMPS GEN:	Not reported
UW BATTERY ACCUM:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MIRACLE DRY CLEANERS (Continued)

S111289396

UW THERMOSTATS ACCUM: Not reported
UW MERCURY ACCUM: Not reported
UW LAMPS ACCUM: Not reported
UW DESTINATION FACILITY: Not reported
OFF SPEC UTILITY BOILER: Not reported
OFF SPEC INDUSTRY BOILER: Not reported
OFF SPEC FURNACE: Not reported
USED OIL TRANSPORTER: Not reported
USED OIL TRANSFER FACILITY: Not reported
USED OIL PROCESSOR: Not reported
USED OIL REREFINER: Not reported
USED OIL FUEL MARKETER DIR SHIPMENTS: Not reported
USED OIL FUEL MARKETER MEETS SPECS: Not reported
ECO Int Type Code: VOLCLNST
Status Code: I
Start Date: 09/19/2011
End Date: 03/14/2013
NAICS DS: Drycleaning and Laundry Services
Program Name: Not reported
FS SIC Code: Not reported
SIC DS: TOXICS
Latitude: 47.711019226
Longitude: -122.16393711
Comments: Not reported

49
NNW
1/2-1
0.532 mi.
2811 ft.

LAKE WASHINGTON SD KAMIAKIN JR HIGH
14111 132ND AVE NE
KIRKLAND, WA 98034

CSCSL S109556714
ALLSITES N/A
SPILLS

CSCSL:
Facility ID: 77428626
Region: Northwest
Lat/Long: 47.72703 / -122.165065
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 12460
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Non-Halogenated Solvents
Ground Water: Suspected
Surface Water: Suspected
Soil: Remediated-Below Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 77428626
Region: Northwest
Lat/Long: 47.72703 / -122.165065
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 12460
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Diesel
Ground Water: Suspected

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LAKE WASHINGTON SD KAMIAKIN JR HIGH (Continued)

S109556714

Surface Water: Suspected
Soil: Remediated-Below Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 77428626
Region: Northwest
Lat/Long: 47.72703 / -122.165065
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 12460
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Gasoline
Ground Water: Suspected
Surface Water: Suspected
Soil: Remediated-Below Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

ALLSITES:

Facility Name: LAKE WASHINGTON SD KAMIAKIN JR HIGH
Facility Id: 77428626

Interaction: 64022
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD100868405
Date Interaction: 1988-01-26 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.727024356999998
Longitude: -122.165050104

Interaction: 109984
Interaction 1: A
Interaction 2: SCS
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Lake Washington SD Kamiakin Jr High
Program ID: Not reported
Date Interaction: 2014-10-08 00:00:00
Date Interaction 3: State Cleanup Site
Latitude: 47.727024356999998
Longitude: -122.165050104

SPILLS:

Facility ID: 638005

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LAKE WASHINGTON SD KAMIAKIN JR HIGH (Continued)

S109556714

Medium: SOIL
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 10
Material Units: GALLON
Date Received: 12/05/2012
Contact Name: Not reported
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

Facility ID: 638171
Medium: SURFACE WATER-FRESH
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 100
Material Units: GALLON
Date Received: 12/13/2012
Contact Name: EMERY
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

50
SW
1/2-1
0.924 mi.
4877 ft.

CAR WASH ENTERPRISES CWE
12302 NE 124TH ST
KIRKLAND, WA 98034

HSL 1000838825
CSCSL WAD988516290
LUST
UST

ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
MANIFEST

HSL:
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: KING
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

FSID Number: 83988889
Rank: 4
Region: NW
EDR Link ID: 83988889
Region Decode: NORTHWEST REGIONAL OFFICE

CSCSL:

Facility ID: 83988889
Region: Northwest
Lat/Long: 47.709141992 / -122.17714461
Brownfield Status: Not reported
Rank Status: 4
Clean Up Siteid: 6745
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Benzene
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 83988889
Region: Northwest
Lat/Long: 47.709141992 / -122.17714461
Brownfield Status: Not reported
Rank Status: 4
Clean Up Siteid: 6745
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Lead
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 83988889
Region: Northwest
Lat/Long: 47.709141992 / -122.17714461
Brownfield Status: Not reported
Rank Status: 4
Clean Up Siteid: 6745
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Metals Priority Pollutants
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Not reported
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Facility ID: 83988889
Region: Northwest
Lat/Long: 47.709141992 / -122.17714461
Brownfield Status: Not reported
Rank Status: 4
Clean Up Siteid: 6745
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Diesel
Ground Water: Not reported
Surface Water: Not reported
Soil: Remediated-Below Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 83988889
Region: Northwest
Lat/Long: 47.709141992 / -122.17714461
Brownfield Status: Not reported
Rank Status: 4
Clean Up Siteid: 6745
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Gasoline
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 83988889
Region: Northwest
Lat/Long: 47.709141992 / -122.17714461
Brownfield Status: Not reported
Rank Status: 4
Clean Up Siteid: 6745
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Other
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

LUST:

Facility ID: 83988889
Lust Status Type: Cleanup Started
Cleanup Site ID: 6745
Cleanup Unit Type: Upland
Process Type: Independent Action

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Cleanup Unit Name: Brown Bear Car Wash 5495
Lust Status Date: 12/11/1995
Response Section: Northwest
Lat/Long: 47.7091419 / -122.17714

UST:

Facility ID: 83988889
Site Id: 6895
UBI: Not reported
Phone Number: Not reported
Decimal Latitude: 47.7091419921813
Decimal Longitude: -122.177144608022

Tank Name: 1DIESEL
Tag Number: A8445
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 00/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: 2UNLEAD
Tag Number: A8445
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 00/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: 3SUPER
Tag Number: A8445
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 00/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: Not reported
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Single Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Not reported
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: DSL
Tag Number: A8445
Tank Status: Removed
Tank Status Date: 06/01/2010
Tank Install Date: 00/28/1990
Tank Closure Date: 04/01/2005
Capacity Range: 5,000 to 9,999 Gallons
Tank Permit Expiration Date: 02/28/2007
Tank Upgrade Date: 02/20/1998
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Ball Float Valve (vent line)
Tank Material: Steel Clad with Corrosion Resistant Composite
Tank Construction: Double Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Corrosion Resistant
Tank Manifold: Not reported
Tank Release Detection: Automatic Tank Gauging

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	NORTHWEST
Dispenser/Pump SFC Type:	Not reported
Tank Name:	REG
Tag Number:	A8445
Tank Status:	Removed
Tank Status Date:	06/01/2010
Tank Install Date:	00/28/1990
Tank Closure Date:	04/01/2010
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	02/28/2007
Tank Upgrade Date:	02/20/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	NORTHWEST
Dispenser/Pump SFC Type:	Not reported
Tank Name:	SUP
Tag Number:	A8445
Tank Status:	Removed
Tank Status Date:	06/01/2010
Tank Install Date:	00/28/1990
Tank Closure Date:	04/01/2010
Capacity Range:	5,000 to 9,999 Gallons
Tank Permit Expiration Date:	02/28/2007
Tank Upgrade Date:	02/20/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Ball Float Valve (vent line)
Tank Material:	Steel Clad with Corrosion Resistant Composite
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Automatic Tank Gauging
Tank SFC Type:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Pipe Material: Fiberglass
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Corrosion Resistant
Pipe Pumping System: Pressurized System
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: UNL
Tag Number: A8445
Tank Status: Removed
Tank Status Date: 06/01/2010
Tank Install Date: 00/28/1990
Tank Closure Date: 04/01/2010
Capacity Range: 10,000 to 19,999 Gallons
Tank Permit Expiration Date: 02/28/2007
Tank Upgrade Date: 02/20/1998
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Ball Float Valve (vent line)
Tank Material: Steel Clad with Corrosion Resistant Composite
Tank Construction: Double Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Corrosion Resistant
Tank Manifold: Not reported
Tank Release Detection: Automatic Tank Gauging
Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Automatic Line Leak Detector (ALLD)
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Corrosion Resistant
Pipe Pumping System: Pressurized System
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

ALLSITES:

Facility Name: CAR WASH ENTERPRISES CWE KIRKLAND
Facility Id: 83988889

Interaction: 67535
Interaction 1: I
Interaction 2: LUST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Not reported
Program ID: 6895
Date Interaction: 1990-08-17 00:00:00
Date Interaction 3: LUST Facility
Latitude: 47.709137575
Longitude: -122.177128078

Interaction: 67536
Interaction 1: I
Interaction 2: TIER2

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD988516290
Date Interaction: 1992-01-01 00:00:00
Date Interaction 3: Emergency/Haz Chem Rpt TI
Latitude: 47.709137575
Longitude: -122.177128078

Interaction: 67538
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988516290
Date Interaction: 1995-12-01 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.709137575
Longitude: -122.177128078

Interaction: 67537
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988516290
Date Interaction: 1993-01-06 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.709137575
Longitude: -122.177128078

Interaction: 67539
Interaction 1: A
Interaction 2: UST
Ecology Program: TOXICS
Program Data: UST
Facility Alt.: Not reported
Program ID: 6895
Date Interaction: 2000-03-20 00:00:00
Date Interaction 3: Underground Storage Tank
Latitude: 47.709137575
Longitude: -122.177128078

Interaction: 67540
Interaction 1: I
Interaction 2: VOLCLNST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Car Wash Enterprises CWE Kirkland
Program ID: NW0895
Date Interaction: 2002-05-07 00:00:00

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Date Interaction 3: Voluntary Cleanup Sites
Latitude: 47.709137575
Longitude: -122.177128078

Interaction: 67541
Interaction 1: A
Interaction 2: SCS
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Car Wash Enterprises CWE Kirkland
Program ID: Not reported
Date Interaction: 2006-06-16 00:00:00
Date Interaction 3: State Cleanup Site
Latitude: 47.709137575
Longitude: -122.177128078

RCRA NonGen / NLR:

Date form received by agency: 05/02/2005
Facility name: CAR WASH ENTERPRISES CWE
Facility address: 12302 NE 124TH ST
KIRKLAND, WA 98034
EPA ID: WAD988516290
Mailing address: 3977 LEARY WAY NW
SEATTLE, WA 98107
Contact: CAR WASH ENTERP CAR WASH ENTERP
Contact address: 3977 LEARY WAY NW
SEATTLE, WA 98107
Contact country: US
Contact telephone: 000-000-0000
Contact email: Not reported
EPA Region: 10
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CAR WASH ENTERP C
Owner/operator address: 3977 LEARY WAY NW
SEATTLE, WA 98107
Owner/operator country: US
Owner/operator telephone: 281-293-1000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/02/1997
Owner/Op end date: Not reported

Owner/operator name: TOM N
Owner/operator address: 3977 LEARY WAY NW
SEATTLE, WA 98107
Owner/operator country: US
Owner/operator telephone: 206-789-3700
Owner/operator email: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/31/2003
Site name: CIRCLE K STORE 5495 BP OIL
Classification: Not a generator, verified

Date form received by agency: 02/26/2003
Site name: CIRCLE K STORE 5495 BP OIL
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005382870

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.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

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

ECHO:

Envid: 1000838825
Registry ID: 110005382870
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005382870>

WA MANIFEST:

Facility Site ID Number: 22463
EPA ID: WAH000039734
NAICS: 446110
SWC Desc: WP01,WT02
FWC Desc: D001,D002,D007,D009,D010,D011,D024,D026,P001,P075,U165
Form Comm: Not reported
Data Year: 2017
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601637571
Business Type: Retail
Mail Name: Rite Aid Corp
Mail addr line1: 30 Hunter Lane
Mail city,st,zip: Camp Hill, PA 17011
Mail country: UNITED STATES
Legal org name: Thrifty Payless Inc
Legal org type: Private
Legal addr line1: 30 Hunter Lane
Legal city,st,zip: Camp Hill, PA 17011
Legal country: UNITED STATES
Legal phone nbr: 717-761-2633
Legal effective date: 11/16/2006
Land org name: Kirkland Totem Lake VI, LLC

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Land org type:	Private
Land person name:	Bruce Cowgill
Land addr line1:	2760 E Spring Street,
Land addr line2:	Suite 200
Land city,st,zip:	Longbeach, CA 90806
Land country:	UNITED STATES
Land phone nbr:	(562) 490-0098
Operator org name:	Thrifty Payless Inc
Operator org type:	Private
Operator addr line1:	30 Hunter Lane
Operator city,st,zip:	Camp Hill, PA 17011
Operator country:	UNITED STATES
Operator phone nbr:	717-761-2633
Operator effective date:	11/16/2006
Site contact name:	Store Manager
Site contact addr line1:	12421 Totem Lake Blvd NE
Site Contact City/State/ Zip:	Kirkland, WA 98034
Site Contact Country:	UNITED STATES
Site Contact Phone #:	425-821-1500
Site Contact Email:	Not reported
Form Contact NAME:	David W Crozier
Form Contact ADDR LINE1:	30 Hunter Lane
Form Contact City,ST,Zip:	Camp Hill, PA 17011
Form Contact Country:	UNITED STATES
Form Contact Phone #:	717-975-8643
Form Contact Email:	EHS@riteaid.com
Gen Status CD:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Facility Site ID Number:	22463
EPA ID:	WAH000039734
NAICS:	446110
SWC Desc:	WP01,WT02,WSC2
FWC Desc:	D001,D002,D007,D009,D011,D024,D026,P001,P075
Form Comm:	as a component of reporting
Data Year:	2016
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601637571
Business Type: Retail
Mail Name: Rite Aid Corp
Mail addr line1: 30 Hunter Lane
Mail city,st,zip: Camp Hill, PA 17011
Mail country: UNITED STATES
Legal org name: Thrifty Payless Inc
Legal org type: Private
Legal addr line1: 30 Hunter Lane
Legal city,st,zip: Camp Hill, PA 17011
Legal country: UNITED STATES
Legal phone nbr: 717-761-2633
Legal effective date: 11/16/2006
Land org name: Kirkland Totem Lake VI, LLC
Land org type: Private
Land person name: Bruce Cowgill
Land addr line1: 2760 E Spring Street,
Land addr line2: Suite 200
Land city,st,zip: Longbeach, CA 90806
Land country: UNITED STATES
Land phone nbr: (562) 490-0098
Operator org name: Rite Aid Corp
Operator org type: Private
Operator addr line1: 30 Hunter Lane
Operator city,st,zip: Camp Hill, PA 17011
Operator country: UNITED STATES
Operator phone nbr: 717-761-2633
Operator effective date: 11/16/2006
Site contact name: Store Manager
Site contact addr line1: 12421 Totem Lake Blvd NE
Site Contact City/State/ Zip: Kirkland, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-821-1500
Site Contact EMail: Not reported
Form Contact NAME: David W Crozier
Form Contact ADDR LINE1: 30 Hunter Lane
Form Contact City,ST,Zip: Camp Hill, PA 17011
Form Contact Country: UNITED STATES

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Form Contact Phone #:	717-975-8643
Form Contact EMail:	EHS@riteaid.com
Gen Status CD:	SQG
Monthly Generation:	True
Batch Generation:	False
One Time Generation:	False
Transport Own Waste:	False
Tranports Other Waste:	False
Recycler Onsite:	False
Transfer Facility:	False
Other Exemption:	Not reported
UW Battery Gen:	False
Used Oil Transporter:	False
Used Oil Transfer Facility:	False
Used Oil Processor:	False
Used Oil Refiner:	False
Used Oil Fuel Marketer Directs Shipments:	False
Used Oil Fuel Marketer Meets Specs:	False
Facility Site ID Number:	22463
EPA ID:	WAH000039734
NAICS:	446110
SWC Desc:	WT02,WP01
FWC Desc:	D001,D002,D007,D010,D011,D024,D009,D026,P001,P075
Form Comm:	Not reported
Data Year:	2015
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
Other marketers (i.e., blender, distributor, etc.):	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
Tax Reg #:	601637571
Business Type:	Retail
Mail Name:	Rite Aid Corp
Mail addr line1:	30 Hunter Lane
Mail city,st,zip:	Camp Hill, PA 17011

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Mail country: UNITED STATES
Legal org name: Thrifty Payless Inc
Legal org type: Private
Legal addr line1: 30 Hunter Lane
Legal city,st,zip: Camp Hill, PA 17011
Legal country: UNITED STATES
Legal phone nbr: 717-761-2633
Legal effective date: 11/16/2006
Land org name: Kirkland Totem Lake VI, LLC
Land org type: Private
Land person name: Bruce Cowgill
Land addr line1: 2760 E Spring Street,
Land addr line2: Suite 200
Land city,st,zip: Longbeach, CA 90806
Land country: UNITED STATES
Land phone nbr: (562) 490-0098
Operator org name: Rite Aid Corp
Operator org type: Private
Operator addr line1: 30 Hunter Lane
Operator city,st,zip: Camp Hill, PA 17011
Operator country: UNITED STATES
Operator phone nbr: 717-761-2633
Operator effective date: 11/16/2006
Site contact name: Store Manager
Site contact addr line1: 12421 Totem Lake Blvd NE
Site Contact City/State/ Zip: Kirkland, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-821-1500
Site Contact EMail: Not reported
Form Contact NAME: David W Crozier
Form Contact ADDR LINE1: 30 Hunter Lane
Form Contact City,ST,Zip: Camp Hill, PA 17011
Form Contact Country: UNITED STATES
Form Contact Phone #: 717-975-8643
Form Contact EMail: EHS@riteaid.com
Gen Status CD: SQG
Monthly Generation: True
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Facility Site ID Number: 22463
EPA ID: WAH000039734
NAICS: 446110
SWC Desc: WP01

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

FWC Desc: D001, D002, P001, P075, D007, D010
Form Comm: Not reported
Data Year: 2013
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601637571
Business Type: Retail
Mail Name: Rite Aid Corp
Mail addr line1: 30 Hunter Lane
Mail city,st,zip: Camp Hill, PA 17011
Mail country: UNITED STATES
Legal org name: Thrifty Payless Inc
Legal org type: Private
Legal addr line1: 30 Hunter Lane
Legal city,st,zip: Camp Hill, PA 17011
Legal country: UNITED STATES
Legal phone nbr: 717-761-2633
Legal effective date: 06/13/1997
Land org name: Centry II DDR Totem Lake LLC
Land org type: Private
Land person name: Not reported
Land addr line1: 3300 Enterprise Parkway
Land addr line2: Attn: General Counsel
Land city,st,zip: Beachwood, OH 44122
Land country: UNITED STATES
Land phone nbr: 216-755-5500
Operator org name: Rite Aid Corp
Operator org type: Private
Operator addr line1: 30 Hunter Lane
Operator city,st,zip: Camp Hill, PA 17011
Operator country: UNITED STATES
Operator phone nbr: 717-761-2633
Operator effective date: 06/13/1997
Site contact name: Store Manager

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Site contact addr line1:	12421 Totem Lake Blvd NE	
Site Contact City/State/ Zip:	Kirkland, WA 98034	
Site Contact Country:	UNITED STATES	
Site Contact Phone #:	425-821-1500	
Site Contact EMail:	Not reported	
Form Contact NAME:	Stephanie A Caiati	
Form Contact ADDR LINE1:	30 Hunter Lane	
Form Contact City,ST,Zip:	Camp Hill, PA 17011	
Form Contact Country:	UNITED STATES	
Form Contact Phone #:	717-975-8643	
Form Contact EMail:	rsksafe@riteaid.com	
Gen Status CD:	SQG	
Monthly Generation:	True	
Batch Generation:	False	
One Time Generation:	False	
Transport Own Waste:	False	
Tranports Other Waste:	False	
Recycler Onsite:	False	
Transfer Facility:	False	
Other Exemption:	Not reported	
UW Battery Gen:	False	
Used Oil Transporter:	False	
Used Oil Transfer Facility:	False	
Used Oil Processor:	False	
Used Oil Refiner:	False	
Used Oil Fuel Marketer Directs Shipments:	False	
Used Oil Fuel Marketer Meets Specs:	False	
Facility Site ID Number:	22463	
EPA ID:	WAH000039734	
NAICS:	446110	
SWC Desc:	WP01,WT02	
FWC Desc:	D001,D002,D007,D009,D010,D011,D024,D026,P001,P075	
Form Comm:	Not reported	
Data Year:	2014	
Permit by Rule:	False	
Treatment by Generator:	False	
Mixed radioactive waste:	False	
Importer of hazardous waste:	False	
Immediate recycler:	False	
Treatment/Storage/Disposal/Recycling Facility:	False	
Generator of dangerous fuel waste:	False	
Generator marketing to burner:	False	
Other marketers (i.e., blender, distributor, etc.):	False	
Utility boiler burner:	False	
Industry boiler burner:	False	
Industrial Furnace:	False	
Smelter defferal:	False	
Universal waste - batteries - generate:	False	
Universal waste - thermostats - generate:	False	
Universal waste - mercury - generate:	False	
Universal waste - lamps - generate:	False	
Universal waste - batteries - accumulate:	False	
Universal waste - thermostats - accumulate:	False	
Universal waste - mercury - accumulate:	False	
Universal waste - lamps - accumulate:	False	

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601637571
Business Type: Retail
Mail Name: Rite Aid Corp
Mail addr line1: 30 Hunter Lane
Mail city,st,zip: Camp Hill, PA 17011
Mail country: UNITED STATES
Legal org name: Thrifty Payless Inc
Legal org type: Private
Legal addr line1: 30 Hunter Lane
Legal city,st,zip: Camp Hill, PA 17011
Legal country: UNITED STATES
Legal phone nbr: 717-761-2633
Legal effective date: 11/16/2006
Land org name: Kirkland Totem Lake VI, LLC
Land org type: Private
Land person name: Bruce Cowgill
Land addr line1: 2760 E. Spring Street, Suite 200
Land city,st,zip: Longbeach, CA 90806
Land country: UNITED STATES
Land phone nbr: (562) 490-0098
Operator org name: Rite Aid Corp
Operator org type: Private
Operator addr line1: 30 Hunter Lane
Operator city,st,zip: Camp Hill, PA 17011
Operator country: UNITED STATES
Operator phone nbr: 717-761-2633
Operator effective date: 11/16/2006
Site contact name: Store Manager
Site contact addr line1: 12421 Totem Lake Blvd NE
Site Contact City/State/ Zip: Kirkland, WA 98034
Site Contact Country: UNITED STATES
Site Contact Phone #: 425-821-1500
Site Contact EMail: Not reported
Form Contact NAME: Stephanie A Caiati
Form Contact ADDR LINE1: 30 Hunter Lane
Form Contact City,ST,Zip: Camp Hill, PA 17011
Form Contact Country: UNITED STATES
Form Contact Phone #: 717-975-8643
Form Contact EMail: rksafe@riteaid.com
Gen Status CD: SQG
Monthly Generation: True
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CAR WASH ENTERPRISES CWE (Continued)

1000838825

Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

51
SW
1/2-1
0.924 mi.
4878 ft.

TOTEM LAKE DRY CLEANERS
12541 120TH AVE NE
KIRKLAND, WA 98034

CSCSL 1000205631
VCP WAD130612336
ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
Inactive Drycleaners

CSCSL:

Facility ID: 43136797
Region: Northwest
Lat/Long: 47.712117255 / -122.17993803
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 394
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Halogenated Organics
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Headquarters

VCP:

edr_fstat: WA
edr_fzip: 98034
edr_fcnty: KING
edr_zip: Not reported
Facility ID: 43136797
VCP Status: Not reported
VCP: Yes
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: Not reported
Rank: N
Cleanup Siteid: 394

ALLSITES:

Facility Name: TOTEM LAKE DRY CLEANERS
Facility Id: 43136797

Interaction: 44248
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD130612336
Date Interaction: 1987-05-11 00:00:00
Date Interaction 3: Hazardous Waste Generator

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE DRY CLEANERS (Continued)

1000205631

Latitude: 47.712110858999999
Longitude: -122.17990291

Interaction: 121984
Interaction 1: A
Interaction 2: VOLCLNST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Totem Lake Dry Cleaners
Program ID: NW3120
Date Interaction: 2016-01-22 00:00:00
Date Interaction 3: Voluntary Cleanup Sites
Latitude: 47.712110858999999
Longitude: -122.17990291

Interaction: 44249
Interaction 1: I
Interaction 2: VOLCLNST
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Totem Lake Dry Cleaners
Program ID: Not reported
Date Interaction: 1999-07-26 00:00:00
Date Interaction 3: Voluntary Cleanup Sites
Latitude: 47.712110858999999
Longitude: -122.17990291

RCRA NonGen / NLR:

Date form received by agency: 08/19/1996
Facility name: TOTEM LAKE DRY CLEANERS
Facility address: 12541 120TH AVE NE
KIRKLAND, WA 98034
EPA ID: WAD130612336
Contact: TOTEM LAKE DRY TOTEM LAKE DRY
Contact address: 12541 120TH AVE NE
KIRKLAND, WA 98034-7501
Contact country: US
Contact telephone: 000-000-0000
Contact email: Not reported
EPA Region: 10
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: RON G
Owner/operator address: 13473 64TH PL NE
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-821-1755
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE DRY CLEANERS (Continued)

1000205631

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/26/1996
Owner/Op end date: Not reported

Owner/operator name: RON G
Owner/operator address: 13473 64TH PL NE
KIRKLAND, WA 98034
Owner/operator country: US
Owner/operator telephone: 425-821-1755
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/26/1996
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/19/1996
Site name: TOTEM LAKE DRY CLEANERS
Classification: Not a generator, verified

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/27/1996
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005331444

Environmental Interest/Information System

Washington Facility / Site Identification System (WA-FSIS) provides a means to query and display data maintained by the Washington

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE DRY CLEANERS (Continued)

1000205631

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.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid: 1000205631
Registry ID: 110005331444
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005331444>

INACTIVE DRYCLEANERS:

EPA I: WAD130612336
FS Id: 5070
Facility ID: 5070
NAICS Code: 81232
Fed Waste Code Desc: Not reported
State Waste Code Desc: Not reported
TAX REG NBR: Not reported
BUSINESS TYPE: Not reported
MAIL NAME: Not reported
MAIL LINE1: Not reported
MAIL LINE2: Not reported
MAIL CITY: Not reported
MAIL STATE: Not reported
MAIL ZIP: Not reported
MAIL COUNTRY: Not reported
LEGAL ORG NAME: Not reported
LEGAL PERSON FIRST NAME: Not reported
LEGAL PERSON MIDDLE INIT: Not reported
LEGAL PERSON LAST NAME: Not reported
LEGAL LINE1: Not reported
LEGAL LINE2: Not reported
LEGAL CITY: Not reported
LEGAL STATE: Not reported
LEGAL ZIP: Not reported
LEGAL COUNTRY: Not reported
LEGAL PHONE NBR: Not reported
LEGAL EFFECTIVE DATE: Not reported
LEGAL ORGANIZATION TYPE: Not reported
LAND ORG NAME: Not reported
LAND PERSON FIRST NAME: Not reported
LAND PERSON MIDDLE INIT: Not reported
LAND PERSON LAST NAME: Not reported
LAND LINE1: Not reported
LAND LINE2: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE DRY CLEANERS (Continued)

1000205631

LAND CITY:	Not reported
LAND STATE:	Not reported
LAND ZIP:	Not reported
LAND COUNTRY:	Not reported
LAND PHONE NBR:	Not reported
LAND ORGANIZATION TYPE:	Not reported
OPERATOR ORG NAME:	Not reported
OPERATOR PERSON FIRST NAME:	Not reported
OPERATOR PERSON MIDDLE INIT:	Not reported
OPERATOR PERSON LAST NAME:	Not reported
OPERATOR LINE1:	Not reported
OPERATOR LINE2:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR COUNTRY:	Not reported
OPERATOR PHONE NBR:	Not reported
OPERATOR EFFECTIVE DATE:	Not reported
OPERATOR ORGANIZATION TYPE:	Not reported
SITE CONTACT FIRST NAME:	Not reported
SITE CONTACT MIDDLE INIT:	Not reported
SITE CONTACT LAST NAME:	Not reported
SITE CONTACT LINE1:	Not reported
SITE CONTACT LINE2:	Not reported
SITE CONTACT CITY:	Not reported
SITE CONTACT STATE:	Not reported
SITE CONTACT ZIP:	Not reported
SITE CONTACT COUNTRY:	Not reported
SITE CONTACT PHONE NBR:	Not reported
SITE CONTACT EMAIL:	Not reported
FORM CONTACT FIRST NAME:	Not reported
FORM CONTACT MIDDLE INIT:	Not reported
FORM CONTACT LAST NAME:	Not reported
FORM CONTACT LINE1:	Not reported
FORM CONTACT LINE2:	Not reported
FORM CONTACT CITY:	Not reported
FORM CONTACT STATE:	Not reported
FORM CONTACT ZIP:	Not reported
FORM CONTACT COUNTRY:	Not reported
FORM CONTACT PHONE NBR:	Not reported
FORM CONTACT EMAIL:	Not reported
GEN STATUS CD:	Not reported
MONTHLY GENERATION:	Not reported
BATCH GENERATION:	Not reported
ONE TIME GENERATION:	Not reported
TRANSPORTS OWN WASTE:	Not reported
TRANSPORTS OTHERS WASTE:	Not reported
RECYCLER ONSITE:	Not reported
TRANSFER FACILITY:	Not reported
PBR:	Not reported
TBG:	Not reported
MIXED RADIOACTIVE:	Not reported
IMPORTER:	Not reported
TSDR FACILITY:	Not reported
IMMEDIATE RECYCLER:	Not reported
GEN DANG FUEL:	Not reported
GEN MARKET TO BURNER:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TOTEM LAKE DRY CLEANERS (Continued)

1000205631

GEN OTHER MARKETERS:	Not reported
UTILITY BOILER BURNER:	Not reported
INDUSTRY BOILER BURNER:	Not reported
FURNACE BURNER:	Not reported
SMELTER DEFERRAL:	Not reported
SMALL QTY EXEMPTION:	Not reported
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	Not reported
UW THERMOSTATS GEN:	Not reported
UW MERCURY GEN:	Not reported
UW LAMPS GEN:	Not reported
UW BATTERY ACCUM:	Not reported
UW THERMOSTATS ACCUM:	Not reported
UW MERCURY ACCUM:	Not reported
UW LAMPS ACCUM:	Not reported
UW DESTINATION FACILITY:	Not reported
OFF SPEC UTILITY BOILER:	Not reported
OFF SPEC INDUSTRY BOILER:	Not reported
OFF SPEC FURNACE:	Not reported
USED OIL TRANSPORTER:	Not reported
USED OIL TRANSFER FACILITY:	Not reported
USED OIL PROCESSOR:	Not reported
USED OIL REREFINER:	Not reported
USED OIL FUEL MARKETER DIR SHIPMENTS:	Not reported
USED OIL FUEL MARKETER MEETS SPECS:	Not reported
ECO Int Type Code:	Not reported
Status Code:	Not reported
Start Date:	Not reported
End Date:	Not reported
NAICS DS:	Not reported
Program Name:	Not reported
FS SIC Code:	Not reported
SIC DS:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Comments:	Not reported

52
NW
1/2-1
0.926 mi.
4890 ft.

KINGSGATE SHOPPING CENTER
12440 NE 144TH ST & 14442 124TH AVE NE
KIRKLAND, WA 98034

CSCSL S116753639
ALLSITES N/A

CSCSL:

Facility ID:	3469
Region:	Northwest
Lat/Long:	47.731503 / -122.174414
Brownfield Status:	Not reported
Rank Status:	N
Clean Up Siteid:	12372
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Halogenated Solvents
Ground Water:	Confirmed Above Cleanup Level
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Level
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

KINGSGATE SHOPPING CENTER (Continued)

S116753639

Responsible Unit: Northwest

ALLSITES:

Facility Name: KINGSGATE SHOPPING CENTER
Facility Id: 3469

Interaction: 108799
Interaction 1: A
Interaction 2: SCS
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Kingsgate Shopping Center
Program ID: Not reported
Date Interaction: 2012-08-28 00:00:00
Date Interaction 3: State Cleanup Site
Latitude: 47.731496577999998
Longitude: -122.174419245

53
SW
1/2-1
0.981 mi.
5179 ft.

SHELL STATION 120565
12221 124TH AVENUE NORTHEAST
KIRKLAND, WA 98034

CSCSL 1004794300
LUST WAD988502779
UST
ALLSITES
RCRA NonGen / NLR
FINDS
ECHO
Financial Assurance
MANIFEST

CSCSL:

Facility ID: 41716978
Region: Northwest
Lat/Long: 47.70809 / -122.17712
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 9061
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Benzene
Ground Water: Below MTCA Cleanup Level After Assessment
Surface Water: Not reported
Soil: Below MTCA Cleanup Level After Assessment
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 41716978
Region: Northwest
Lat/Long: 47.70809 / -122.17712
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 9061
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Diesel
Ground Water: Below MTCA Cleanup Level After Assessment

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 41716978
Region: Northwest
Lat/Long: 47.70809 / -122.17712
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 9061
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Gasoline
Ground Water: Below MTCA Cleanup Level After Assessment
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

Facility ID: 41716978
Region: Northwest
Lat/Long: 47.70809 / -122.17712
Brownfield Status: Not reported
Rank Status: N
Clean Up Siteid: 9061
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum-Other
Ground Water: Below MTCA Cleanup Level After Assessment
Surface Water: Not reported
Soil: Below MTCA Cleanup Level After Assessment
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Northwest

LUST:
Facility ID: 41716978
Lust Status Type: Cleanup Started
Cleanup Site ID: 9061
Cleanup Unit Type: Upland
Process Type: Independent Action
Cleanup Unit Name: Texaco 632320059
Lust Status Date: 07/01/2011
Response Section: Northwest
Lat/Long: 47.70809 / -122.17712

UST:
Facility ID: 41716978
Site Id: 4419
UBI: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Phone Number:	Not reported
Decimal Latitude:	47.70809
Decimal Longitude:	-122.17712
Tank Name:	1
Tag Number:	A0434
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	00/01/1991
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	07/01/1993
Tank Upgrade Date:	02/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Interstitial Monitoring
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	NORTHWEST
Dispencer/Pump SFC Type:	Not reported
Tank Name:	10
Tag Number:	A0434
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	00/01/1992
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	08/31/2018
Tank Upgrade Date:	02/09/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Part of Automatic Tank Gauging (ATG) System
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Statistical Inventory Reconciliation
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	NORTHWEST

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Dispencer/Pump SFC Type:	Not reported
Tank Name:	2
Tag Number:	A0434
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	00/01/1991
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	07/01/1993
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	NORTHWEST
Dispencer/Pump SFC Type:	Not reported
Tank Name:	3
Tag Number:	A0434
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	00/01/1991
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	07/01/1993
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	NORTHWEST
Dispencer/Pump SFC Type:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Tank Name: 4
Tag Number: A0434
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 00/01/1991
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: 07/01/1993
Tank Upgrade Date: Not reported
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Overfill Alarm
Tank Material: Fiberglass Reinforced Plastic
Tank Construction: Double Wall Tank
Tank Tightness Test: Not reported
Tank Corrosion Protection: Corrosion Resistant
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Interstitial Monitoring (or Sump Sensor)
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Corrosion Resistant
Pipe Pumping System: Pressurized System
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: 5
Tag Number: A0434
Tank Status: Removed - No Site Assessment Found
Tank Status Date: 01/01/1991
Tank Install Date: 00/31/1964
Tank Closure Date: Not reported
Capacity Range: 111 TO 1,100 Gallons
Tank Permit Expiration Date: 07/29/1992
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported
Tank Material: Steel
Tank Construction: Not reported
Tank Tightness Test: Not reported
Tank Corrosion Protection: Impressed Current
Tank Manifold: Not reported
Tank Release Detection: Not reported
Tank SFC Type: Not reported
Pipe Material: Steel
Pipe Construction: Not reported
Pipe Primary Release Detection: Not reported
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: 6

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Tag Number:	A0434
Tank Status:	Exempt
Tank Status Date:	08/06/1996
Tank Install Date:	00/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Impressed Current
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	NORTHWEST
Dispenser/Pump SFC Type:	Not reported
Tank Name:	7
Tag Number:	A0434
Tank Status:	Operational
Tank Status Date:	08/06/1996
Tank Install Date:	00/01/1992
Tank Closure Date:	Not reported
Capacity Range:	10,000 to 19,999 Gallons
Tank Permit Expiration Date:	08/31/2018
Tank Upgrade Date:	02/06/1998
Tank Spill Prevention:	Spill Bucket/Spill Box
Tank Overfill Prevention:	Overfill Alarm
Tank Material:	Fiberglass Reinforced Plastic
Tank Construction:	Double Wall Tank
Tank Tightness Test:	Part of Automatic Tank Gauging (ATG) System
Tank Corrosion Protection:	Corrosion Resistant
Tank Manifold:	Not reported
Tank Release Detection:	Statistical Inventory Reconciliation
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Double Wall Pipe
Pipe Primary Release Detection:	Statistical Inventory Reconciliation
Pipe Second Release Detection:	Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection:	Corrosion Resistant
Pipe Pumping System:	Pressurized System
Responsible Unit:	NORTHWEST
Dispenser/Pump SFC Type:	Not reported
Tank Name:	8
Tag Number:	A0434

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Tank Status: Operational
Tank Status Date: 08/06/1996
Tank Install Date: 00/01/1992
Tank Closure Date: Not reported
Capacity Range: 10,000 to 19,999 Gallons
Tank Permit Expiration Date: 08/31/2018
Tank Upgrade Date: 02/06/1998
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Overfill Alarm
Tank Material: Fiberglass Reinforced Plastic
Tank Construction: Double Wall Tank
Tank Tightness Test: Part of Automatic Tank Gauging (ATG) System
Tank Corrosion Protection: Corrosion Resistant
Tank Manifold: Not reported
Tank Release Detection: Statistical Inventory Reconciliation
Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Statistical Inventory Reconciliation
Pipe Second Release Detection: Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection: Corrosion Resistant
Pipe Pumping System: Pressurized System
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

Tank Name: 9
Tag Number: A0434
Tank Status: Operational
Tank Status Date: 08/06/1996
Tank Install Date: 00/01/1992
Tank Closure Date: Not reported
Capacity Range: 10,000 to 19,999 Gallons
Tank Permit Expiration Date: 08/31/2018
Tank Upgrade Date: 02/09/1998
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Overfill Alarm
Tank Material: Fiberglass Reinforced Plastic
Tank Construction: Double Wall Tank
Tank Tightness Test: Part of Automatic Tank Gauging (ATG) System
Tank Corrosion Protection: Corrosion Resistant
Tank Manifold: Not reported
Tank Release Detection: Statistical Inventory Reconciliation
Tank SFC Type: Not reported
Pipe Material: Fiberglass
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Statistical Inventory Reconciliation
Pipe Second Release Detection: Interstitial Monitoring (or Sump Sensor)
Pipe Corrosion Protection: Corrosion Resistant
Pipe Pumping System: Pressurized System
Responsible Unit: NORTHWEST
Dispencer/Pump SFC Type: Not reported

ALLSITES:

Facility Name: SHELL STATION 120565
Facility Id: 41716978

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Interaction:	43312
Interaction 1:	I
Interaction 2:	LUST
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	4419
Date Interaction:	1991-11-15 00:00:00
Date Interaction 3:	LUST Facility
Latitude:	47.708084360000001
Longitude:	-122.177105107
Interaction:	43313
Interaction 1:	I
Interaction 2:	HWG
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD988502779
Date Interaction:	1992-03-09 00:00:00
Date Interaction 3:	Hazardous Waste Generator
Latitude:	47.708084360000001
Longitude:	-122.177105107
Interaction:	43315
Interaction 1:	I
Interaction 2:	HWOTHER
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD988502779
Date Interaction:	2002-12-31 00:00:00
Date Interaction 3:	Haz Waste Management Acti
Latitude:	47.708084360000001
Longitude:	-122.177105107
Interaction:	43316
Interaction 1:	I
Interaction 2:	HWG
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD988502779
Date Interaction:	2005-10-20 00:00:00
Date Interaction 3:	Hazardous Waste Generator
Latitude:	47.708084360000001
Longitude:	-122.177105107
Interaction:	43311
Interaction 1:	I
Interaction 2:	TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Facility Alt.: Not reported
Program ID: WAD988502779
Date Interaction: 1991-01-01 00:00:00
Date Interaction 3: Emergency/Haz Chem Rpt TI
Latitude: 47.708084360000001
Longitude: -122.177105107

Interaction: 43314
Interaction 1: A
Interaction 2: UST
Ecology Program: TOXICS
Program Data: UST
Facility Alt.: JACKSONS 619
Program ID: Not reported
Date Interaction: 2000-03-20 00:00:00
Date Interaction 3: Underground Storage Tank
Latitude: 47.708084360000001
Longitude: -122.177105107

Interaction: 95846
Interaction 1: I
Interaction 2: HWOTHER
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: SHELL STATION 120565
Program ID: WAD988502779
Date Interaction: 2010-12-31 00:00:00
Date Interaction 3: Haz Waste Management Acti
Latitude: 47.708084360000001
Longitude: -122.177105107

Interaction: 43317
Interaction 1: I
Interaction 2: HWOTHER
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988502779
Date Interaction: 2005-12-31 00:00:00
Date Interaction 3: Haz Waste Management Acti
Latitude: 47.708084360000001
Longitude: -122.177105107

Interaction: 43318
Interaction 1: I
Interaction 2: HWG
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD988502779
Date Interaction: 2006-12-31 00:00:00
Date Interaction 3: Hazardous Waste Generator
Latitude: 47.708084360000001

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Longitude: -122.177105107

RCRA NonGen / NLR:

Date form received by agency: 07/27/2011

Facility name: SHELL STATION 120565

Facility address: 12221 124TH AVE NE
KIRKLAND, WA 98033

EPA ID: WAD988502779

Mailing address: 12700 NORTHBOROUGH DR
300G04

HOUSTON, TX 77067-2508

Contact: SHELL OIL PRODU SHELL OIL PRODU

Contact address: 12700 NORTHBOROUGH DR 300G04

HOUSTON, TX 77067-2508

Contact country: US

Contact telephone: 000-000-0000

Contact email: Not reported

EPA Region: 10

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: EQUILION ENTERP E

Owner/operator address: 12700 NORTHBOROUGH DR 300G04
HOUSTON, TX 77067

Owner/operator country: US

Owner/operator telephone: 281-874-2224

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 08/01/1998

Owner/Op end date: Not reported

Owner/operator name: EQUILION ENTERP E

Owner/operator address: PO BOX 2099 NOB 300G04
HOUSTON, TX 77252

Owner/operator country: US

Owner/operator telephone: 281-874-2224

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 08/01/1998

Owner/Op end date: Not reported

Owner/operator name: EQUILION ENTERPRISES LLC DBA SHELL OIL P

Owner/operator address: PO BOX 2099 NOB 300G03 - RACHEL HULL
HOUSTON, TX 77252

Owner/operator country: US

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/1998
Owner/Op end date: Not reported

Owner/operator name: EQUILION ENTERPRISES LLC DBA SHELL OIL P
Owner/operator address: 12700 NORTHBOROUGH DR 300G03
HOUSTON, TX 77067

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/1998
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/27/2010
Site name: SHELL STATION 120565
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: WSQG
. Waste name: WSQG

Date form received by agency: 12/31/2007
Site name: SHELL STATION 120565
Classification: Not a generator, verified

Date form received by agency: 12/31/2005
Site name: SHELL STATION 120565
Classification: Not a generator, verified

Date form received by agency: 12/31/2003
Site name: SHELL STATION 120565
Classification: Not a generator, verified

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Date form received by agency:03/25/2003
Site name: SHELL 120565
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110005372961

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.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

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

ECHO:

Envid: 1004794300
Registry ID: 110005372961
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110005372961>

WA Financial Assurance 1:

DOE Site ID: 4419
Financial Resp Type: GREAT AMERICAN E&S INSURANCE CO
Inception Date: 11/09/2017
Expiration Date: 11/09/2018
Address 2: Not reported
Policy Number: BTA 9986598-08
Effective Date: 11/09/2017
Liability Limit Type: Not reported
Compliance Method: Not reported
Proof of Responsibility Document Flag: Not reported
Retroactive Date: Not reported
Latitude: 47.70809
Longitude: -122.17712

DOE Site ID: 4419
Financial Resp Type: GREAT AMERICAN E&S INSURANCE CO
Inception Date: 11/09/2015
Expiration Date: 11/09/2016
Address 2: Not reported
Policy Number: BTA 9986598-06

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Effective Date:	11/09/2015
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.70809
Longitude:	-122.17712
DOE Site ID:	4419
Financial Resp Type:	GREAT AMERICAN E&S INSURANCE CO
Inception Date:	11/09/2016
Expiration Date:	11/09/2017
Address 2:	Not reported
Policy Number:	BTA 9986598-07
Effective Date:	11/09/2016
Liability Limit Type:	Not reported
Compliance Method:	Not reported
Proof of Responsibility Document Flag:	Not reported
Retroactive Date:	Not reported
Latitude:	47.70809
Longitude:	-122.17712

WA MANIFEST:

Facility Site ID Number:	41716978
EPA ID:	WAD988502779
NAICS:	44711
SWC Desc:	Not reported
FWC Desc:	D001
Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
Other marketers (i.e., blender, distributor, etc.):	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter deferral:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
Tax Reg #:	601238698
Business Type:	SERVICE STATION

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Mail Name: Shell Oil Products US
Mail addr line1: 12700 NORTHBOROUGH DR
Mail addr line2: 300G04
Mail city,st,zip: HOUSTON, TX 77067-2508
Mail country: UNITED STATES
Legal org name: Equilion Enterprises LLC dba Shell Oil P
Legal org type: Private
Legal addr line1: PO BOX 2099
Legal addr line2: NOB 300G04
Legal city,st,zip: HOUSTON, TX 77252-2099
Legal country: UNITED STATES
Legal phone nbr: 281-874-2224
Legal effective date: 08/01/1998
Land org name: Equilon Enterprises LLC dba Shell Oil P.
Land org type: Private
Land person name: Not reported
Land addr line1: PO BOX 2099
Land addr line2: NOB 300G04
Land city,st,zip: HOUSTON, TX 77252-2099
Land country: UNITED STATES
Land phone nbr: 281-874-2224
Operator org name: Equilion Enterprises LLC dba Shell Oil P
Operator org type: Private
Operator addr line1: 12700 NORTHBOROUGH DR
Operator addr line2: 300G04
Operator city,st,zip: HOUSTON, TX 77067-2058
Operator country: UNITED STATES
Operator phone nbr: (281)874-2224
Operator effective date: 08/01/1998
Site contact name: DON F WISDOM
Site contact addr line1: 12700 NORTHBOROUGH DR
Site contact addr line2: 300F07
Site Contact City/State/ Zip: HOUSTON, TX 77067-2058
Site Contact Country: UNITED STATES
Site Contact Phone #: (281) 874-2238
Site Contact EMail: DON.F.WISDOM@SHELL.COM
Form Contact NAME: RACHEL HULL
Form Contact ADDR LINE1: 12700 NORTHBOROUGH DRIVE
Form Contact ADDR LINE2: NOB 300G04
Form Contact City,ST,Zip: HOUSTON, TX 77067-2508
Form Contact Country: UNITED STATES
Form Contact Phone #: (281)874-2224
Form Contact EMail: RACHEL.HULL@SHELL.COM
Gen Status CD: MQG
Monthly Generation: FALSE
Batch Generation: FALSE
One Time Generation: TRUE
Transport Own Waste: FALSE
Tranports Other Waste: FALSE
Recycler Onsite: FALSE
Transfer Facility: FALSE
Other Exemption: Not reported
UW Battery Gen: FALSE
Used Oil Transporter: FALSE
Used Oil Transfer Facility: FALSE
Used Oil Processor: FALSE
Used Oil Refiner: FALSE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Used Oil Fuel Marketer Directs Shipments: FALSE
Used Oil Fuel Marketer Meets Specs: FALSE

Waste Streams Generated:

Facility ID: 41716978
Data Year: 2008
Description: RINSATE - GASOLINE
Mix: False
Reported Qty: 3210.9000000000001 LB
Kilo Qty: 1456.4642650511855
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: 2008
Description: ABSORBENT MAT. W/GASOLINE
Mix: False
Reported Qty: 205 LB
Kilo Qty: 92.988001599393627
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: Not reported
Description: ABSORBENT MATERIAL WITH GASOLINE
Mix: No
Reported Qty: 300 LB
Kilo Qty: 136.080002340576
Density No: 0
Density Qty: Not reported

Shipments Sent:

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 7/30/2008
Reported Qty: 55 LB
Kilo Qty: 24.9480004291056

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 4/14/2008
Reported Qty: 40 LB
Kilo Qty: 18.1440003120768

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 4/2/2008
Reported Qty: 110 LB
Kilo Qty: 49.8960008582112

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 9/18/2008
Reported Qty: 3210.9 LB
Kilo Qty: 1456.46426505119

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Facility ID:	41716978
Data Year:	Not reported
Shipment sent data:	7/18/2006
Reported Qty:	150 LB
Kilo Qty:	68.040001170288
Facility ID:	41716978
Data Year:	Not reported
Shipment sent data:	2/10/2006
Reported Qty:	150 LB
Kilo Qty:	68.040001170288
Facility Site ID Number:	41716978
EPA ID:	WAD988502779
NAICS:	44711
SWC Desc:	Not reported
FWC Desc:	D001, D018
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
Other marketers (i.e., blender, distributor, etc.):	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter deferral:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
Tax Reg #:	601238698
Business Type:	SERVICE STATION
Mail Name:	Shell Oil Products US
Mail addr line1:	12700 NORTHBOROUGH DR
Mail addr line2:	300G04
Mail city,st,zip:	HOUSTON, TX 77067-2508
Mail country:	UNITED STATES
Legal org name:	Equilion Enterprises LLC dba Shell Oil P
Legal org type:	Private
Legal addr line1:	PO BOX 2099
Legal addr line2:	NOB 300G04
Legal city,st,zip:	HOUSTON, TX 77252-2099

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Legal country: UNITED STATES
Legal phone nbr: 281-874-2224
Legal effective date: 08/01/1998
Land org name: Equilon Enterprises LLC dba Shell Oil P.
Land org type: Private
Land person name: Not reported
Land addr line1: PO BOX 2099
Land addr line2: NOB 300G04
Land city,st,zip: HOUSTON, TX 77252-2099
Land country: UNITED STATES
Land phone nbr: 281-874-2224
Operator org name: Equilon Enterprises LLC dba Shell Oil P
Operator org type: Private
Operator addr line1: 12700 NORTHBOROUGH DR
Operator addr line2: 300G04
Operator city,st,zip: HOUSTON, TX 77067-2058
Operator country: UNITED STATES
Operator phone nbr: (281)874-2224
Operator effective date: 08/01/1998
Site contact name: RAY E WALDING
Site contact addr line1: 12700 NORTHBOROUGH DR
Site contact addr line2: 300F08
Site Contact City/State/ Zip: HOUSTON, TX 77067-2058
Site Contact Country: UNITED STATES
Site Contact Phone #: (281) 874-2247
Site Contact EMail: RAY.WALDING@SHELL.COM
Form Contact NAME: Jeanne Traylor
Form Contact ADDR LINE1: 12700 NORTHBOROUGH DRIVE
Form Contact ADDR LINE2: NOB 300G04
Form Contact City,ST,Zip: HOUSTON, TX 77067-2508
Form Contact Country: UNITED STATES
Form Contact Phone #: (281)874-2224
Form Contact EMail: jeanne.traylor@shell.com
Gen Status CD: LQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 41716978
Data Year: 2008
Description: RINSATE - GASOLINE
Mix: False
Reported Qty: 3210.9000000000001 LB
Kilo Qty: 1456.4642650511855

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Density No:	0
Density Qty:	Not reported
Facility ID:	41716978
Data Year:	2008
Description:	ABSORBENT MAT. W/GASOLINE
Mix:	False
Reported Qty:	205 LB
Kilo Qty:	92.988001599393627
Density No:	0
Density Qty:	Not reported
Facility ID:	41716978
Data Year:	Not reported
Description:	ABSORBENT MATERIAL WITH GASOLINE
Mix:	No
Reported Qty:	300 LB
Kilo Qty:	136.080002340576
Density No:	0
Density Qty:	Not reported
Shipments Sent:	
Facility ID:	41716978
Data Year:	2008
Shipment sent data:	7/30/2008
Reported Qty:	55 LB
Kilo Qty:	24.9480004291056
Facility ID:	41716978
Data Year:	2008
Shipment sent data:	4/14/2008
Reported Qty:	40 LB
Kilo Qty:	18.1440003120768
Facility ID:	41716978
Data Year:	2008
Shipment sent data:	4/2/2008
Reported Qty:	110 LB
Kilo Qty:	49.8960008582112
Facility ID:	41716978
Data Year:	2008
Shipment sent data:	9/18/2008
Reported Qty:	3210.9 LB
Kilo Qty:	1456.46426505119
Facility ID:	41716978
Data Year:	Not reported
Shipment sent data:	7/18/2006
Reported Qty:	150 LB
Kilo Qty:	68.040001170288
Facility ID:	41716978
Data Year:	Not reported
Shipment sent data:	2/10/2006
Reported Qty:	150 LB
Kilo Qty:	68.040001170288

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Facility Site ID Number: 41716978
EPA ID: WAD988502779
NAICS: 447110
SWC Desc: Not reported
FWC Desc: D001
Form Comm: Not reported
Data Year: 2009
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601238698
Business Type: SERVICE STATION
Mail Name: Shell Oil Products US
Mail addr line1: 12700 NORTHBOROUGH DR
Mail addr line2: 300G04
Mail city,st,zip: HOUSTON, TX 77067-2508
Mail country: UNITED STATES
Legal org name: Equilon Enterprises LLC dba Shell Oil P
Legal org type: Private
Legal addr line1: PO BOX 2099
Legal addr line2: NOB 300G04
Legal city,st,zip: HOUSTON, TX 77252-2099
Legal country: UNITED STATES
Legal phone nbr: 281-874-2224
Legal effective date: 08/01/1998
Land org name: Equilon Enterprises LLC dba Shell Oil P.
Land org type: Private
Land person name: Not reported
Land addr line1: PO BOX 2099
Land addr line2: NOB 300G04
Land city,st,zip: HOUSTON, TX 77252-2099
Land country: UNITED STATES
Land phone nbr: 281-874-2224
Operator org name: Equilon Enterprises LLC dba Shell Oil P
Operator org type: Private

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Operator addr line1: 12700 NORTHBOROUGH DR
Operator addr line2: 300G04
Operator city,st,zip: HOUSTON, TX 77067-2058
Operator country: UNITED STATES
Operator phone nbr: (281)874-2224
Operator effective date: 08/01/1998
Site contact name: RAY E WALDING
Site contact addr line1: 12700 NORTHBOROUGH DR
Site contact addr line2: 300F08
Site Contact City/State/ Zip: HOUSTON, TX 77067-2058
Site Contact Country: UNITED STATES
Site Contact Phone #: (281) 874-2247
Site Contact EMail: RAY.WALDING@SHELL.COM
Form Contact NAME: Jeanne Traylor
Form Contact ADDR LINE1: P O Box 3127, Rm 685
Form Contact ADDR LINE2: NOB 300G04
Form Contact City,ST,Zip: HOUSTON, TX 77253
Form Contact Country: UNITED STATES
Form Contact Phone #: 713-241-6992
Form Contact EMail: jeanne.traylor@shell.com
Gen Status CD: SQG
Monthly Generation: False
Batch Generation: True
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 41716978
Data Year: 2008
Description: RINSATE - GASOLINE
Mix: False
Reported Qty: 3210.9000000000001 LB
Kilo Qty: 1456.4642650511855
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: 2008
Description: ABSORBENT MAT. W/GASOLINE
Mix: False
Reported Qty: 205 LB
Kilo Qty: 92.988001599393627
Density No: 0
Density Qty: Not reported

Facility ID: 41716978

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Data Year: Not reported
Description: ABSORBENT MATERIAL WITH GASOLINE
Mix: No
Reported Qty: 300 LB
Kilo Qty: 136.080002340576
Density No: 0
Density Qty: Not reported

Shipments Sent:

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 7/30/2008
Reported Qty: 55 LB
Kilo Qty: 24.9480004291056

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 4/14/2008
Reported Qty: 40 LB
Kilo Qty: 18.1440003120768

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 4/2/2008
Reported Qty: 110 LB
Kilo Qty: 49.8960008582112

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 9/18/2008
Reported Qty: 3210.9 LB
Kilo Qty: 1456.46426505119

Facility ID: 41716978
Data Year: Not reported
Shipment sent data: 7/18/2006
Reported Qty: 150 LB
Kilo Qty: 68.040001170288

Facility ID: 41716978
Data Year: Not reported
Shipment sent data: 2/10/2006
Reported Qty: 150 LB
Kilo Qty: 68.040001170288

Facility Site ID Number: 41716978
EPA ID: WAD988502779
NAICS: 447110
SWC Desc: Not reported
FWC Desc: Not reported
Form Comm: Not reported
Data Year: 2010
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
Other marketers (i.e., blender, distributor, etc.): False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter deferral: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601238698
Business Type: SERVICE STATION
Mail Name: Shell Oil Products US
Mail addr line1: 12700 NORTHBOROUGH DR
Mail addr line2: 300G04
Mail city,st,zip: HOUSTON, TX 77067-2508
Mail country: UNITED STATES
Legal org name: Equilon Enterprises LLC dba Shell Oil P
Legal org type: Private
Legal addr line1: PO BOX 2099
Legal addr line2: NOB 300G04
Legal city,st,zip: HOUSTON, TX 77252-2099
Legal country: UNITED STATES
Legal phone nbr: 281-874-2224
Legal effective date: 08/01/1998
Land org name: Equilon Enterprises LLC dba Shell Oil P.
Land org type: Private
Land person name: Not reported
Land addr line1: PO BOX 2099
Land addr line2: NOB 300G04
Land city,st,zip: HOUSTON, TX 77252-2099
Land country: UNITED STATES
Land phone nbr: 281-874-2224
Operator org name: Equilon Enterprises LLC dba Shell Oil P
Operator org type: Private
Operator addr line1: 12700 NORTHBOROUGH DR
Operator addr line2: 300G04
Operator city,st,zip: HOUSTON, TX 77067-2058
Operator country: UNITED STATES
Operator phone nbr: (281)874-2224
Operator effective date: 08/01/1998
Site contact name: RAY E WALDING
Site contact addr line1: 12700 NORTHBOROUGH DR
Site contact addr line2: 300F08
Site Contact City/State/ Zip: HOUSTON, TX 77067-2058
Site Contact Country: UNITED STATES

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Site Contact Phone #: (281) 874-2247
Site Contact Email: RAY.WALDING@SHELL.COM
Form Contact NAME: Jeanne Traylor
Form Contact ADDR LINE1: P O Box 3127, Rm 669B
Form Contact City,ST,Zip: HOUSTON, TX 77253
Form Contact Country: UNITED STATES
Form Contact Phone #: 713-241-6992
Form Contact Email: jeanne.traylor@shell.com
Gen Status CD: XQG
Monthly Generation: False
Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 41716978
Data Year: 2008
Description: RINSATE - GASOLINE
Mix: False
Reported Qty: 3210.9000000000001 LB
Kilo Qty: 1456.4642650511855
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: 2008
Description: ABSORBENT MAT. W/GASOLINE
Mix: False
Reported Qty: 205 LB
Kilo Qty: 92.988001599393627
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: Not reported
Description: ABSORBENT MATERIAL WITH GASOLINE
Mix: No
Reported Qty: 300 LB
Kilo Qty: 136.080002340576
Density No: 0
Density Qty: Not reported

Shipments Sent:

Facility ID: 41716978
Data Year: 2008

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Shipment sent data:	7/30/2008
Reported Qty:	55 LB
Kilo Qty:	24.9480004291056
Facility ID:	41716978
Data Year:	2008
Shipment sent data:	4/14/2008
Reported Qty:	40 LB
Kilo Qty:	18.1440003120768
Facility ID:	41716978
Data Year:	2008
Shipment sent data:	4/2/2008
Reported Qty:	110 LB
Kilo Qty:	49.8960008582112
Facility ID:	41716978
Data Year:	2008
Shipment sent data:	9/18/2008
Reported Qty:	3210.9 LB
Kilo Qty:	1456.46426505119
Facility ID:	41716978
Data Year:	Not reported
Shipment sent data:	7/18/2006
Reported Qty:	150 LB
Kilo Qty:	68.040001170288
Facility ID:	41716978
Data Year:	Not reported
Shipment sent data:	2/10/2006
Reported Qty:	150 LB
Kilo Qty:	68.040001170288
Facility Site ID Number:	41716978
EPA ID:	WAD988502779
NAICS:	44711
SWC Desc:	Not reported
FWC Desc:	D001
Form Comm:	NO RCRA HAZARDOUS WASTE GENERATED IN 2005
Data Year:	Not reported
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
Other marketers (i.e., blender, distributor, etc.):	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
Tax Reg #: 601238698
Business Type: SERVICE STATION
Mail Name: Shell Oil Products US
Mail addr line1: 12700 NORTHBOROUGH DR
Mail addr line2: 300G04
Mail city,st,zip: HOUSTON, TX 77067-2508
Mail country: UNITED STATES
Legal org name: Equilon Enterprises LLC dba Shell Oil P
Legal org type: Private
Legal addr line1: PO BOX 2099
Legal addr line2: NOB 300G04
Legal city,st,zip: HOUSTON, TX 77252-2099
Legal country: UNITED STATES
Legal phone nbr: 281-874-2224
Legal effective date: 08/01/1998
Land org name: Equilon Enterprises LLC dba Shell Oil P.
Land org type: Private
Land person name: Not reported
Land addr line1: PO BOX 2099
Land addr line2: NOB 300G04
Land city,st,zip: HOUSTON, TX 77252-2099
Land country: UNITED STATES
Land phone nbr: 281-874-2224
Operator org name: Equilon Enterprises LLC dba Shell Oil P
Operator org type: Private
Operator addr line1: 12700 NORTHBOROUGH DR
Operator addr line2: 300G04
Operator city,st,zip: HOUSTON, TX 77067-2058
Operator country: UNITED STATES
Operator phone nbr: (281)874-2224
Operator effective date: 08/01/1998
Site contact name: RAY E WALDING
Site contact addr line1: 12700 NORTHBOROUGH DR
Site contact addr line2: 300F08
Site Contact City/State/ Zip: HOUSTON, TX 77067-2058
Site Contact Country: UNITED STATES
Site Contact Phone #: (281) 874-2247
Site Contact EMail: RAY.WALDING@SHELL.COM
Form Contact NAME: RACHEL HULL
Form Contact ADDR LINE1: 12700 NORTHBOROUGH DRIVE
Form Contact ADDR LINE2: NOB 300G04
Form Contact City,ST,Zip: HOUSTON, TX 77067-2508
Form Contact Country: UNITED STATES
Form Contact Phone #: (281)874-2224
Form Contact EMail: RACHEL.HULL@SHELL.COM
Gen Status CD: SQG
Monthly Generation: False

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Batch Generation: False
One Time Generation: False
Transport Own Waste: False
Tranports Other Waste: False
Recycler Onsite: False
Transfer Facility: False
Other Exemption: Not reported
UW Battery Gen: False
Used Oil Transporter: False
Used Oil Transfer Facility: False
Used Oil Processor: False
Used Oil Refiner: False
Used Oil Fuel Marketer Directs Shipments: False
Used Oil Fuel Marketer Meets Specs: False

Waste Streams Generated:

Facility ID: 41716978
Data Year: 2008
Description: RINSATE - GASOLINE
Mix: False
Reported Qty: 3210.9000000000001 LB
Kilo Qty: 1456.4642650511855
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: 2008
Description: ABSORBENT MAT. W/GASOLINE
Mix: False
Reported Qty: 205 LB
Kilo Qty: 92.988001599393627
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: Not reported
Description: ABSORBENT MATERIAL WITH GASOLINE
Mix: No
Reported Qty: 300 LB
Kilo Qty: 136.080002340576
Density No: 0
Density Qty: Not reported

Shipments Sent:

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 7/30/2008
Reported Qty: 55 LB
Kilo Qty: 24.9480004291056

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 4/14/2008
Reported Qty: 40 LB
Kilo Qty: 18.1440003120768

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 4/2/2008
Reported Qty: 110 LB
Kilo Qty: 49.8960008582112

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 9/18/2008
Reported Qty: 3210.9 LB
Kilo Qty: 1456.46426505119

Facility ID: 41716978
Data Year: Not reported
Shipment sent data: 7/18/2006
Reported Qty: 150 LB
Kilo Qty: 68.040001170288

Facility ID: 41716978
Data Year: Not reported
Shipment sent data: 2/10/2006
Reported Qty: 150 LB
Kilo Qty: 68.040001170288

Facility Site ID Number: 41716978
EPA ID: WAD988502779
NAICS: 44711
SWC Desc: Not reported
FWC Desc: D001
Form Comm: NO RCRA HAZARDOUS WASTE GENERATED IN 2005
Data Year: Not reported
Permit by Rule: No
Treatment by Generator: No
Mixed radioactive waste: No
Importer of hazardous waste: No
Immediate recycler: No
Treatment/Storage/Disposal/Recycling Facility: No
Generator of dangerous fuel waste: No
Generator marketing to burner: No
Other marketers (i.e., blender, distributor, etc.): No
Utility boiler burner: No
Industry boiler burner: No
Industrial Furnace: No
Smelter deferral: No
Universal waste - batteries - generate: No
Universal waste - thermostats - generate: No
Universal waste - mercury - generate: No
Universal waste - lamps - generate: No
Universal waste - batteries - accumulate: No
Universal waste - thermostats - accumulate: No
Universal waste - mercury - accumulate: No
Universal waste - lamps - accumulate: No
Destination Facility for Universal Waste: No
Off-specification used oil burner - utility boiler: No
Off-specification used oil burner - industrial boiler: No
Off-specification used oil burner - industrial furnace: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Tax Reg #: 601238698
Business Type: SERVICE STATION
Mail Name: Shell Oil Products US
Mail addr line1: 12700 NORTHBOROUGH DR
Mail addr line2: 300G03
Mail city,st,zip: HOUSTON, TX 77067-2508
Mail country: UNITED STATES
Legal org name: Equilon Enterprises LLC dba Shell Oil P
Legal org type: Private
Legal addr line1: PO BOX 2099
Legal addr line2: NOB 300G03 - RACHEL HULL
Legal city,st,zip: HOUSTON, TX 77252-2099
Legal country: UNITED STATES
Legal phone nbr: 281-874-2224
Legal effective date: 08/01/1998
Land org name: Equilon Enterprises LLC dba Shell Oil P.
Land org type: Private
Land person name: Not reported
Land addr line1: PO BOX 2099
Land addr line2: NOB 300G03
Land city,st,zip: HOUSTON, TX 77252-2099
Land country: UNITED STATES
Land phone nbr: 281-874-2224
Operator org name: Equilon Enterprises LLC dba Shell Oil P
Operator org type: Private
Operator addr line1: 12700 NORTHBOROUGH DR
Operator addr line2: 300G03
Operator city,st,zip: HOUSTON, TX 77067-2058
Operator country: UNITED STATES
Operator phone nbr: (281)874-2224
Operator effective date: 08/01/1998
Site contact name: DON F WISDOM
Site contact addr line1: 12700 NORTHBOROUGH DR
Site contact addr line2: 300F07
Site Contact City/State/ Zip: HOUSTON, TX 77067-2058
Site Contact Country: UNITED STATES
Site Contact Phone #: (281) 874-2238
Site Contact Email: DON.F.WISDOM@SHELL.COM
Form Contact NAME: RACHEL HULL
Form Contact ADDR LINE1: 12700 NORTHBOROUGH DRIVE
Form Contact ADDR LINE2: NOB 300G03
Form Contact City,ST,Zip: HOUSTON, TX 77067-2508
Form Contact Country: UNITED STATES
Form Contact Phone #: (281)874-2224
Form Contact Email: RACHEL.HULL@SHELL.COM
Gen Status CD: XQG
Monthly Generation: No
Batch Generation: No
One Time Generation: No
Transport Own Waste: No
Tranports Other Waste: No
Recycler Onsite: No
Transfer Facility: No
Other Exemption: Not reported
UW Battery Gen: No
Used Oil Transporter: No
Used Oil Transfer Facility: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SHELL STATION 120565 (Continued)

1004794300

Used Oil Processor: No
Used Oil Refiner: No
Used Oil Fuel Marketer Directs Shipments: No
Used Oil Fuel Marketer Meets Specs: No

Waste Streams Generated:

Facility ID: 41716978
Data Year: 2008
Description: RINSATE - GASOLINE
Mix: False
Reported Qty: 3210.9000000000001 LB
Kilo Qty: 1456.4642650511855
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: 2008
Description: ABSORBENT MAT. W/GASOLINE
Mix: False
Reported Qty: 205 LB
Kilo Qty: 92.988001599393627
Density No: 0
Density Qty: Not reported

Facility ID: 41716978
Data Year: Not reported
Description: ABSORBENT MATERIAL WITH GASOLINE
Mix: No
Reported Qty: 300 LB
Kilo Qty: 136.080002340576
Density No: 0
Density Qty: Not reported

Shipments Sent:

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 7/30/2008
Reported Qty: 55 LB
Kilo Qty: 24.9480004291056

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 4/14/2008
Reported Qty: 40 LB
Kilo Qty: 18.1440003120768

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 4/2/2008
Reported Qty: 110 LB
Kilo Qty: 49.8960008582112

Facility ID: 41716978
Data Year: 2008
Shipment sent data: 9/18/2008
Reported Qty: 3210.9 LB

MAP FINDINGS

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

SHELL STATION 120565 (Continued) 1004794300

Kilo Qty:	1456.46426505119
Facility ID:	41716978
Data Year:	Not reported
Shipment sent data:	7/18/2006
Reported Qty:	150 LB
Kilo Qty:	68.040001170288
Facility ID:	41716978
Data Year:	Not reported
Shipment sent data:	2/10/2006
Reported Qty:	150 LB
Kilo Qty:	68.040001170288

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

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: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	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: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly 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: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: 800-424-9346
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	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: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (206) 553-1200
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (206) 553-1200
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (206) 553-1200
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (206) 553-1200
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 05/14/2018	Source: Department of the Navy
Date Data Arrived at EDR: 05/18/2018	Telephone: 843-820-7326
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/16/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	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: 06/18/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
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: 08/22/2018
Date Data Arrived at EDR: 09/07/2018
Date Made Active in Reports: 09/25/2018
Number of Days to Update: 18

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
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: 07/16/2018
Date Data Arrived at EDR: 07/20/2018
Date Made Active in Reports: 09/06/2018
Number of Days to Update: 48

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 10/18/2018
Next Scheduled EDR Contact: 01/28/2019
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: 09/04/2018
Date Data Arrived at EDR: 09/07/2018
Date Made Active in Reports: 09/26/2018
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/04/2018
Next Scheduled EDR Contact: 12/17/2018
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: 08/10/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/06/2018
Number of Days to Update: 27

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

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: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

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

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

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

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

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

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/10/2018
Number of Days to Update: 136	Next Scheduled EDR Contact: 01/21/2019
	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: 05/01/2018	Source: Department of Ecology
Date Data Arrived at EDR: 05/01/2018	Telephone: 360-407-7183
Date Made Active in Reports: 05/09/2018	Last EDR Contact: 08/08/2018
Number of Days to Update: 8	Next Scheduled EDR Contact: 11/26/2018
	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: 07/26/2018
Number of Days to Update: 91	Next Scheduled EDR Contact: 11/12/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

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: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 06/26/2018	Source: Department of Ecology
Date Data Arrived at EDR: 08/10/2018	Telephone: 360-407-0515
Date Made Active in Reports: 09/25/2018	Last EDR Contact: 08/10/2018
Number of Days to Update: 46	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Site List

Sites that have institutional controls.

Date of Government Version: 07/16/2018	Source: Department of Ecology
Date Data Arrived at EDR: 07/20/2018	Telephone: 360-407-7170
Date Made Active in Reports: 09/06/2018	Last EDR Contact: 10/18/2018
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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 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: 09/24/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/16/2018
Date Data Arrived at EDR: 07/20/2018
Date Made Active in Reports: 09/06/2018
Number of Days to Update: 48

Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 10/18/2018
Next Scheduled EDR Contact: 01/28/2019
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: 07/16/2018
Date Data Arrived at EDR: 07/20/2018
Date Made Active in Reports: 09/06/2018
Number of Days to Update: 48

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 10/18/2018
Next Scheduled EDR Contact: 01/28/2019
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: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
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: 07/24/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 09/06/2018
Number of Days to Update: 42

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

SWTIRE: Solid Waste Tire Facilities

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

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 28

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWTIRE 2: Solid Waste Tire Facilities 2 solid waste tire piles

Date of Government Version: 06/20/2017
Date Data Arrived at EDR: 06/23/2017
Date Made Active in Reports: 05/30/2018
Number of Days to Update: 341

Source: Department of Ecology
Telephone: 425-649-7104
Last EDR Contact: 08/30/2018
Next Scheduled EDR Contact: 12/17/2018
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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
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: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
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: 07/09/2018	Source: Department of Ecology
Date Data Arrived at EDR: 07/10/2018	Telephone: 360-407-6423
Date Made Active in Reports: 09/18/2018	Last EDR Contact: 07/26/2018
Number of Days to Update: 70	Next Scheduled EDR Contact: 11/12/2018
	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: 07/11/2018	Source: Department of Health
Date Data Arrived at EDR: 08/23/2018	Telephone: 360-236-3380
Date Made Active in Reports: 09/25/2018	Last EDR Contact: 08/20/2018
Number of Days to Update: 33	Next Scheduled EDR Contact: 11/19/2018
	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: 07/16/2018	Source: Department of Ecology
Date Data Arrived at EDR: 07/20/2018	Telephone: 360-407-7170
Date Made Active in Reports: 09/05/2018	Last EDR Contact: 10/18/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/28/2019
	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: 05/18/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-307-1000
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
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: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

SPILLS: Reported Spills

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

Date of Government Version: 09/12/2018
Date Data Arrived at EDR: 09/14/2018
Date Made Active in Reports: 09/25/2018
Number of Days to Update: 11

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 08/30/2018
Next Scheduled EDR Contact: 12/17/2018
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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/12/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/12/2018
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/21/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/17/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2018	Telephone: 202-566-1917
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	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: 08/03/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/10/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 09/21/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 08/24/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/27/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: 703-416-0223
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 57	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/22/2018	Telephone: 202-564-8600
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 07/20/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/04/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/11/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 10/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/28/2018
Next Scheduled EDR Contact: 11/05/2018
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: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/07/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/03/2018
Next Scheduled EDR Contact: 01/14/2019
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
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: 09/11/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
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 Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/07/2018	Source: EPA
Date Data Arrived at EDR: 09/05/2018	Telephone: (206) 553-1200
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/28/2019
	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: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/17/2018
	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: 08/31/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 08/22/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Quarterly

AIRS (EMI): Washington Emissions Data System

Emissions inventory data.

Date of Government Version: 04/23/2018	Source: Department of Ecology
Date Data Arrived at EDR: 04/25/2018	Telephone: 360-407-6040
Date Made Active in Reports: 06/04/2018	Last EDR Contact: 09/17/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ASBESTOS: Asbestos Notification Listing Asbestos sites

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/06/2018
Number of Days to Update: 35

Source: Department of Labor & Industries
Telephone: 360-902-6209
Last EDR Contact: 08/02/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

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

Date of Government Version: 09/05/2018
Date Data Arrived at EDR: 09/07/2018
Date Made Active in Reports: 09/25/2018
Number of Days to Update: 18

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 08/30/2018
Next Scheduled EDR Contact: 12/17/2018
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: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 43

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
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: 07/31/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 34

Source: Department of Ecology
Telephone: 360-586-1060
Last EDR Contact: 08/27/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

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: 06/01/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/24/2018
Number of Days to Update: 49

Source: Department of Ecology
Telephone: 360-407-6754
Last EDR Contact: 08/08/2018
Next Scheduled EDR Contact: 11/26/2018
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
Date Data Arrived at EDR: 11/20/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 45

Source: Department of Ecology
Telephone: 360-407-6136
Last EDR Contact: 08/08/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INACTIVE DRYCLEANERS: Inactive Drycleaners

A listing of inactive drycleaner facility locations.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 43

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

WA MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/04/2018
Number of Days to Update: 40

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Annually

NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 07/16/2018
Date Data Arrived at EDR: 07/20/2018
Date Made Active in Reports: 09/06/2018
Number of Days to Update: 48

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 10/18/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

UIC: Underground Injection Wells Listing

A listing of underground injection wells.

Date of Government Version: 07/16/2018
Date Data Arrived at EDR: 07/20/2018
Date Made Active in Reports: 09/06/2018
Number of Days to Update: 48

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 10/18/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date Data Arrived at EDR: 11/07/1994

Date Made Active in Reports: N/A

Number of Days to Update: 0

Source: Seattle-King County Department of Public Health

Telephone: 206-296-4785

Last EDR Contact: 10/21/1994

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

Date Data Arrived at EDR: 11/07/1994

Date Made Active in Reports: N/A

Number of Days to Update: 0

Source: Seattle - King County Department of Public Health

Telephone: 206-296-4785

Last EDR Contact: 10/21/1994

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

Date Data Arrived at EDR: 08/18/1995

Date Made Active in Reports: 09/20/1995

Number of Days to Update: 33

Source: Department of Public Health

Telephone: 206-296-4785

Last EDR Contact: 08/14/1995

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: 11/16/2011

Date Data Arrived at EDR: 03/29/2012

Date Made Active in Reports: 05/03/2012

Number of Days to Update: 35

Source: Snohomish Health District

Telephone: 206-339-5250

Last EDR Contact: 09/21/2018

Next Scheduled EDR Contact: 12/31/2018

Data Release Frequency: Semi-Annually

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: 08/10/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/26/2018
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: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

KIRKLAND HEIGHTS APARTMENTS
13310 NE 133RD ST
KIRKLAND, WA 98034

TARGET PROPERTY COORDINATES

Latitude (North):	47.719798 - 47° 43' 11.27"
Longitude (West):	122.161083 - 122° 9' 39.90"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	562919.3
UTM Y (Meters):	5285279.5

USGS TOPOGRAPHIC MAP

Target Property Map:	6005535 KIRKLAND, WA
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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

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>
53033C0360F	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>
KIRKLAND	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
Location Relative to TP:	1/4 - 1/2 Mile WNW
Site Name:	GOLDEN PENN OIL CO OF SEATTLE
Site EPA ID Number:	WAD085197945
Groundwater Flow Direction:	NOT AVAILABLE
Inferred Depth to Water:	10 feet to 30 feet
Hydraulic Connection:	The near-surface aquifer is located in a sand and gravel outwash beneath the Vashon till.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

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

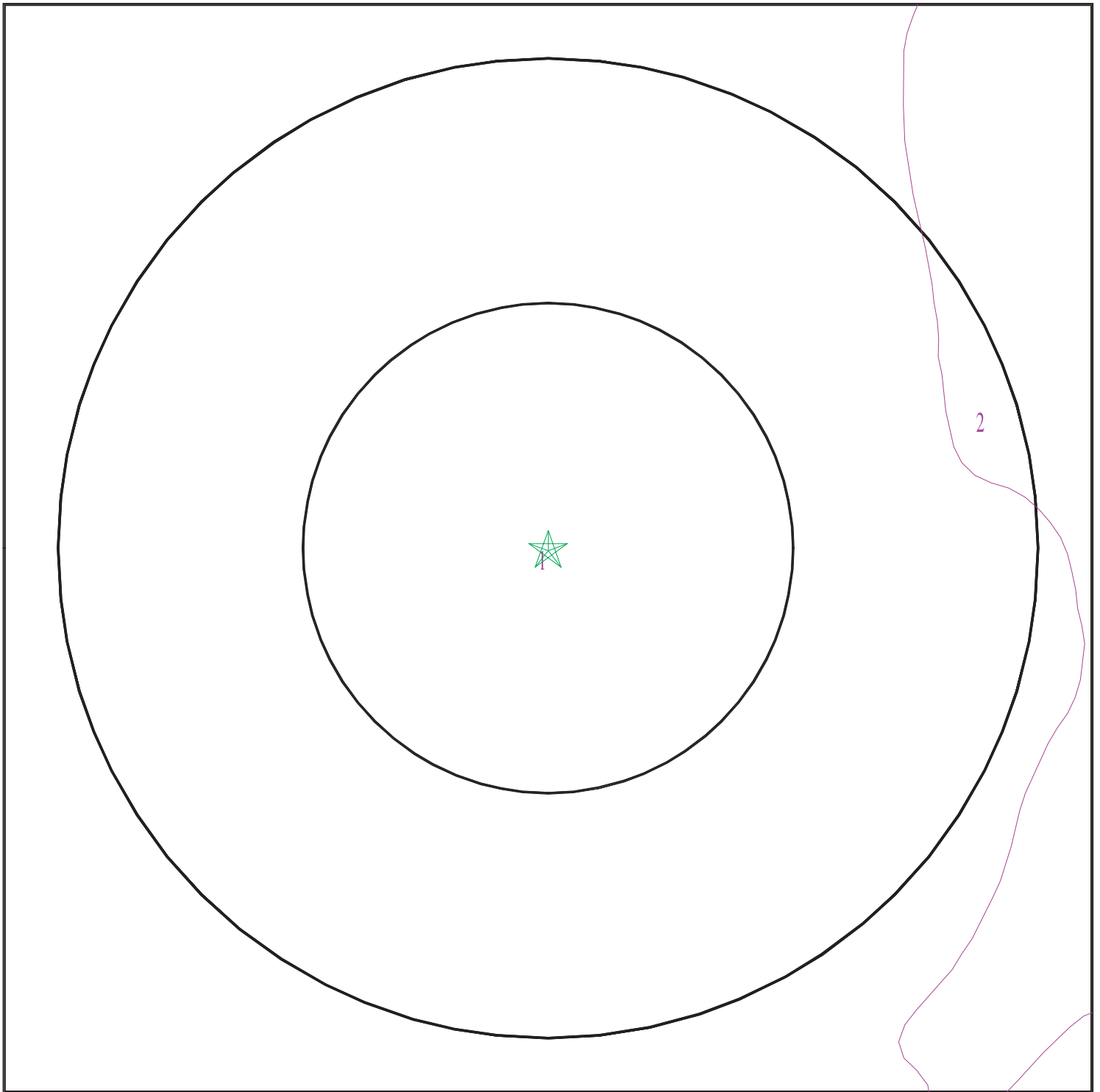
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

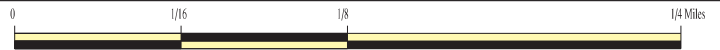
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5458643.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water



SITE NAME: Kirkland Heights Apartments
ADDRESS: 13310 NE 133rd St
Kirkland WA 98034
LAT/LONG: 47.719798 / 122.161083

CLIENT: PBS Engineering & Env.
CONTACT: Kyle Johnson
INQUIRY #: 5458643.2s
DATE: October 19, 2018 3:04 pm

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: Alderwood

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
2	11 inches	26 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
3	26 inches	59 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Alderwood

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
2	11 inches	40 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1
3	40 inches	59 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 0.42 Min: 0.01	Max: 6 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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>
A1	USGS40001269477	0 - 1/8 Mile West
A2	USGS40001269470	0 - 1/8 Mile WSW
3	USGS40001269461	0 - 1/8 Mile WSW
B4	USGS40001269394	1/8 - 1/4 Mile SSW
5	USGS40001269447	1/8 - 1/4 Mile ESE
B6	USGS40001269359	1/8 - 1/4 Mile SSW
7	USGS40001269652	1/4 - 1/2 Mile NNW
8	USGS40001269358	1/4 - 1/2 Mile SE
9	USGS40001269377	1/4 - 1/2 Mile WSW
10	USGS40001269478	1/2 - 1 Mile West
C11	USGS40001269707	1/2 - 1 Mile WNW
C12	USGS40001269675	1/2 - 1 Mile WNW
13	USGS40001269106	1/2 - 1 Mile SSE
14	USGS40001269722	1/2 - 1 Mile WNW
15	USGS40001269086	1/2 - 1 Mile SSW
16	USGS40001269676	1/2 - 1 Mile WNW
17	USGS40001269105	1/2 - 1 Mile SE
18	USGS40001269030	1/2 - 1 Mile SSW
19	USGS40001269087	1/2 - 1 Mile SW
20	USGS40001270111	1/2 - 1 Mile NNW

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		

This topographic map shows the area around Evergreen Hospital and its heliport. The map features contour lines indicating elevation, with labels such as 160, 200, 240, 280, 320, 360, 400, 440, 480, 520, 560, 600, 640, 680, 720, 760, 800, 840, 880, 920, 960, 1000, 1040, 1080, 1120, 1160, 1200, 1240, 1280, 1320, 1360, 1400, 1440, 1480, 1520, 1560, 1600, 1640, 1680, 1720, 1760, 1800, 1840, 1880, 1920, 1960, 2000, 2040, 2080, 2120, 2160, 2200, 2240, 2280, 2320, 2360, 2400, 2440, 2480, 2520, 2560, 2600, 2640, 2680, 2720, 2760, 2800, 2840, 2880, 2920, 2960, 3000, 3040, 3080, 3120, 3160, 3200, 3240, 3280, 3320, 3360, 3400, 3440, 3480, 3520, 3560, 3600, 3640, 3680, 3720, 3760, 3800, 3840, 3880, 3920, 3960, 4000, 4040, 4080, 4120, 4160, 4200, 4240, 4280, 4320, 4360, 4400, 4440, 4480, 4520, 4560, 4600, 4640, 4680, 4720, 4760, 4800, 4840, 4880, 4920, 4960, 5000, 5040, 5080, 5120, 5160, 5200, 5240, 5280, 5320, 5360, 5400, 5440, 5480, 5520, 5560, 5600, 5640, 5680, 5720, 5760, 5800, 5840, 5880, 5920, 5960, 6000, 6040, 6080, 6120, 6160, 6200, 6240, 6280, 6320, 6360, 6400, 6440, 6480, 6520, 6560, 6600, 6640, 6680, 6720, 6760, 6800, 6840, 6880, 6920, 6960, 7000, 7040, 7080, 7120, 7160, 7200, 7240, 7280, 7320, 7360, 7400, 7440, 7480, 7520, 7560, 7600, 7640, 7680, 7720, 7760, 7800, 7840, 7880, 7920, 7960, 8000, 8040, 8080, 8120, 8160, 8200, 8240, 8280, 8320, 8360, 8400, 8440, 8480, 8520, 8560, 8600, 8640, 8680, 8720, 8760, 8800, 8840, 8880, 8920, 8960, 9000, 9040, 9080, 9120, 9160, 9200, 9240, 9280, 9320, 9360, 9400, 9440, 9480, 9520, 9560, 9600, 9640, 9680, 9720, 9760, 9800, 9840, 9880, 9920, 9960, 10000. The map includes several streets: NE 144th St, NE 143rd Pl, NE 140th St, NE 132nd Ave NE, NE 120th St, NE 116th St, NE 124th St, NE 128th St, NE 136th St, NE 148th St, NE 152nd St, NE 156th St, NE 160th St, NE 164th St, NE 168th St, NE 172nd St, NE 176th St, NE 180th St, NE 184th St, NE 188th St, NE 192nd St, NE 196th St, NE 200th St, NE 204th St, NE 208th St, NE 212th St, NE 216th St, NE 220th St, NE 224th St, NE 228th St, NE 232nd St, NE 236th St, NE 240th St, NE 244th St, NE 248th St, NE 252nd St, NE 256th St, NE 260th St, NE 264th St, NE 268th St, NE 272nd St, NE 276th St, NE 280th St, NE 284th St, NE 288th St, NE 292nd St, NE 296th St, NE 300th St, NE 304th St, NE 308th St, NE 312th St, NE 316th St, NE 320th St, NE 324th St, NE 328th St, NE 332nd St, NE 336th St, NE 340th St, NE 344th St, NE 348th St, NE 352nd St, NE 356th St, NE 360th St, NE 364th St, NE 368th St, NE 372nd St, NE 376th St, NE 380th St, NE 384th St, NE 388th St, NE 392nd St, NE 396th St, NE 400th St, NE 404th St, NE 408th St, NE 412th St, NE 416th St, NE 420th St, NE 424th St, NE 428th St, NE 432nd St, NE 436th St, NE 440th St, NE 444th St, NE 448th St, NE 452nd St, NE 456th St, NE 460th St, NE 464th St, NE 468th St, NE 472nd St, NE 476th St, NE 480th St, NE 484th St, NE 488th St, NE 492nd St, NE 496th St, NE 500th St, NE 504th St, NE 508th St, NE 512th St, NE 516th St, NE 520th St, NE 524th St, NE 528th St, NE 532nd St, NE 536th St, NE 540th St, NE 544th St, NE 548th St, NE 552nd St, NE 556th St, NE 560th St, NE 564th St, NE 568th St, NE 572nd St, NE 576th St, NE 580th St, NE 584th St, NE 588th St, NE 592nd St, NE 596th St, NE 600th St, NE 604th St, NE 608th St, NE 612th St, NE 616th St, NE 620th St, NE 624th St, NE 628th St, NE 632nd St, NE 636th St, NE 640th St, NE 644th St, NE 648th St, NE 652nd St, NE 656th St, NE 660th St, NE 664th St, NE 668th St, NE 672nd St, NE 676th St, NE 680th St, NE 684th St, NE 688th St, NE 692nd St, NE 696th St, NE 700th St, NE 704th St, NE 708th St, NE 712th St, NE 716th St, NE 720th St, NE 724th St, NE 728th St, NE 732nd St, NE 736th St, NE 740th St, NE 744th St, NE 748th St, NE 752nd St, NE 756th St, NE 760th St, NE 764th St, NE 768th St, NE 772nd St, NE 776th St, NE 780th St, NE 784th St, NE 788th St, NE 792nd St, NE 796th St, NE 800th St, NE 804th St, NE 808th St, NE 812th St, NE 816th St, NE 820th St, NE 824th St, NE 828th St, NE 832nd St, NE 836th St, NE 840th St, NE 844th St, NE 848th St, NE 852nd St, NE 856th St, NE 860th St, NE 864th St, NE 868th St, NE 872nd St, NE 876th St, NE 880th St, NE 884th St, NE 888th St, NE 892nd St, NE 896th St, NE 900th St, NE 904th St, NE 908th St, NE 912th St, NE 916th St, NE 920th St, NE 924th St, NE 928th St, NE 932nd St, NE 936th St, NE 940th St, NE 944th St, NE 948th St, NE 952nd St, NE 956th St, NE 960th St, NE 964th St, NE 968th St, NE 972nd St, NE 976th St, NE 980th St, NE 984th St, NE 988th St, NE 992nd St, NE 996th St, NE 1000th St. The map also shows the location of Evergreen Hospital and its heliport, and a yellow shaded area in the center. Concentric circles are drawn around the yellow area, and numbered points (1-20) are marked on the map. A scale bar is located in the bottom right corner, and an inset map shows the location of the area within the state of Washington.

- 

GI

GV

HD

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
West
0 - 1/8 Mile
Higher

FED USGS USGS40001269477

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-21N03	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:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	110		
Well Hole Depth:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1958-02-26
Feet below surface:	105	Feet to sea level:	Not Reported
Note:	Not Reported		

A2
WSW
0 - 1/8 Mile
Higher

FED USGS USGS40001269470

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-21N02	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:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	123		
Well Hole Depth:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1944-02-07
Feet below surface:	119	Feet to sea level:	Not Reported
Note:	Not Reported		

3
WSW
0 - 1/8 Mile
Lower

FED USGS USGS40001269461

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-21N04	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:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	148		
Well Hole Depth:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	1	Level reading date:	1951-07-17
Feet below surface:	143	Feet to sea level:	Not Reported
Note:	Not Reported		

B4
SSW
1/8 - 1/4 Mile
Lower

FED USGS USGS40001269394

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	26N/05E-27D02	Type:	Well
Description:	Not Reported	HUC:	17110012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19010101
Well Depth:	82.5	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1951-06-21
Feet below surface:	63	Feet to sea level:	Not Reported
Note:	Not Reported		

5
ESE
1/8 - 1/4 Mile
Lower

FED USGS USGS40001269447

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	26N/05E-22P01	Type:	Well
Description:	Not Reported	HUC:	17110012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19010101
Well Depth:	59	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1951-06-21
Feet below surface:	56	Feet to sea level:	Not Reported
Note:	Not Reported		

B6
SSW
1/8 - 1/4 Mile
Lower

FED USGS USGS40001269359

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	26N/05E-27D01	Type:	Well
Description:	Not Reported	HUC:	17110012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19010101

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	80	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels, Number of Measurements:	1	Level reading date:	1951-06-21
Feet below surface:	69	Feet to sea level:	Not Reported
Note:	Not Reported		

7

NNW

1/4 - 1/2 Mile

Higher

FED USGS

USGS40001269652

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-22M01	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	172		
Well Hole Depth:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1951-07-12
Feet below surface:	148	Feet to sea level:	Not Reported
Note:	Not Reported		

8

SE

1/4 - 1/2 Mile

Lower

FED USGS

USGS40001269358

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-27C01	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	19510621
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	47.5		
Well Hole Depth:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1951-06-21
Feet below surface:	42	Feet to sea level:	Not Reported
Note:	Not Reported		

9

WSW

1/4 - 1/2 Mile

Lower

FED USGS

USGS40001269377

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-28B01		
Description:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19010101
Well Depth:	55	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	1	Level reading date:	1951-05-24
Feet below surface:	46	Feet to sea level:	Not Reported
Note:	Not Reported		

10
West
1/2 - 1 Mile
Lower

FED USGS USGS40001269478

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-21Q01	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:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	85.6		
Well Hole Depth:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1951-06-12
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

C11
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001269707

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-21K02	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:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	21		
Well Hole Depth:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1944-02-07
Feet below surface:	18	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C12
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001269675

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-21K01	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:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	20		
Well Hole Depth:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1944-02-07
Feet below surface:	10	Feet to sea level:	Not Reported
Note:	Not Reported		

13
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40001269106

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-27L01	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:	19510426
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	16.8		
Well Hole Depth:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1951-04-26
Feet below surface:	3	Feet to sea level:	Not Reported
Note:	Not Reported		

14
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001269722

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-21K03	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:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	75		
Well Hole Depth:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels,Number of Measurements:	1	Level reading date:	1951-08-01
Feet below surface:	53	Feet to sea level:	Not Reported
Note:	Not Reported		

15
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40001269086

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	26N/05E-28J02	Type:	Well
Description:	Not Reported	HUC:	17110012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19010101
Well Depth:	34	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1951-04-26
Feet below surface:	19	Feet to sea level:	Not Reported
Note:	Not Reported		

16
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40001269676

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	26N/05E-21L01	Type:	Well
Description:	Not Reported	HUC:	17110012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19010101
Well Depth:	63	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1951-06-19
Feet below surface:	53	Feet to sea level:	Not Reported
Note:	Not Reported		

17
SE
1/2 - 1 Mile
Lower

FED USGS USGS40001269105

Organization ID:	USGS-WA		
Organization Name:	USGS Washington Water Science Center		
Monitor Location:	26N/05E-27K01	Type:	Well
Description:	Not Reported	HUC:	17110012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19440701

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	15	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels, Number of Measurements:	1	Level reading date:	1944-07-01
Feet below surface:	4	Feet to sea level:	Not Reported
Note:	Not Reported		

18
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40001269030

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-28J01	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	19010101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	10.6		
Well Hole Depth:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1951-04-26
Feet below surface:	4	Feet to sea level:	Not Reported
Note:	Not Reported		

19
SW
1/2 - 1 Mile
Lower

FED USGS USGS40001269087

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-28K01	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	19210101
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	61		
Well Hole Depth:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1951-04-26
Feet below surface:	14	Feet to sea level:	Not Reported
Note:	Not Reported		

20
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40001270111

Organization ID:	USGS-WA	Type:	Well
Organization Name:	USGS Washington Water Science Center	HUC:	17110012
Monitor Location:	26N/05E-16R01		
Description:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area: Not Reported
Contrib Drainage Area: Not Reported
Aquifer: Not Reported
Aquifer Type: Not Reported
Well Depth: 15
Well Hole Depth: Not Reported

Drainage Area Units: Not Reported
Contrib Drainage Area Units: Not Reported
Formation Type: Not Reported
Construction Date: 19510612
Well Depth Units: ft
Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 1
Feet below surface: 12
Note: Not Reported

Level reading date: 1951-06-12
Feet to sea level: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KING 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 Zip Code: 98034

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.167 pCi/L	67%	33%	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.

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 IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX D

Historical Research Records

- Historical Aerial Photographs
- Historical Fire Insurance Maps
- Local Street Directories
- Regional Archives Records



Kirkland Heights Apartments

13310 NE 133rd St

Kirkland, WA 98034

Inquiry Number: 5458643.8

October 22, 2018

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

10/22/18

Site Name:

Kirkland Heights Apartments
13310 NE 133rd St
Kirkland, WA 98034
EDR Inquiry # 5458643.8

Client Name:

PBS Engineering & Env.
2517 Eastlake Avenue East
Seattle, WA 98102
Contact: Kyle Johnson



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"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1990	1"=500'	Acquisition Date: July 18, 1990	USGS/DOQQ
1985	1"=500'	Flight Date: June 19, 1985	NRWA
1980	1"=500'	Flight Date: July 27, 1980	USDA
1977	1"=500'	Flight Date: September 13, 1977	USGS
1968	1"=500'	Flight Date: September 02, 1968	USGS
1965	1"=500'	Flight Date: July 06, 1965	NRWA
1952	1"=500'	Flight Date: July 01, 1952	USGS
1944	1"=500'	Flight Date: April 27, 1944	DIA
1941	1"=500'	Flight Date: June 11, 1941	USDA

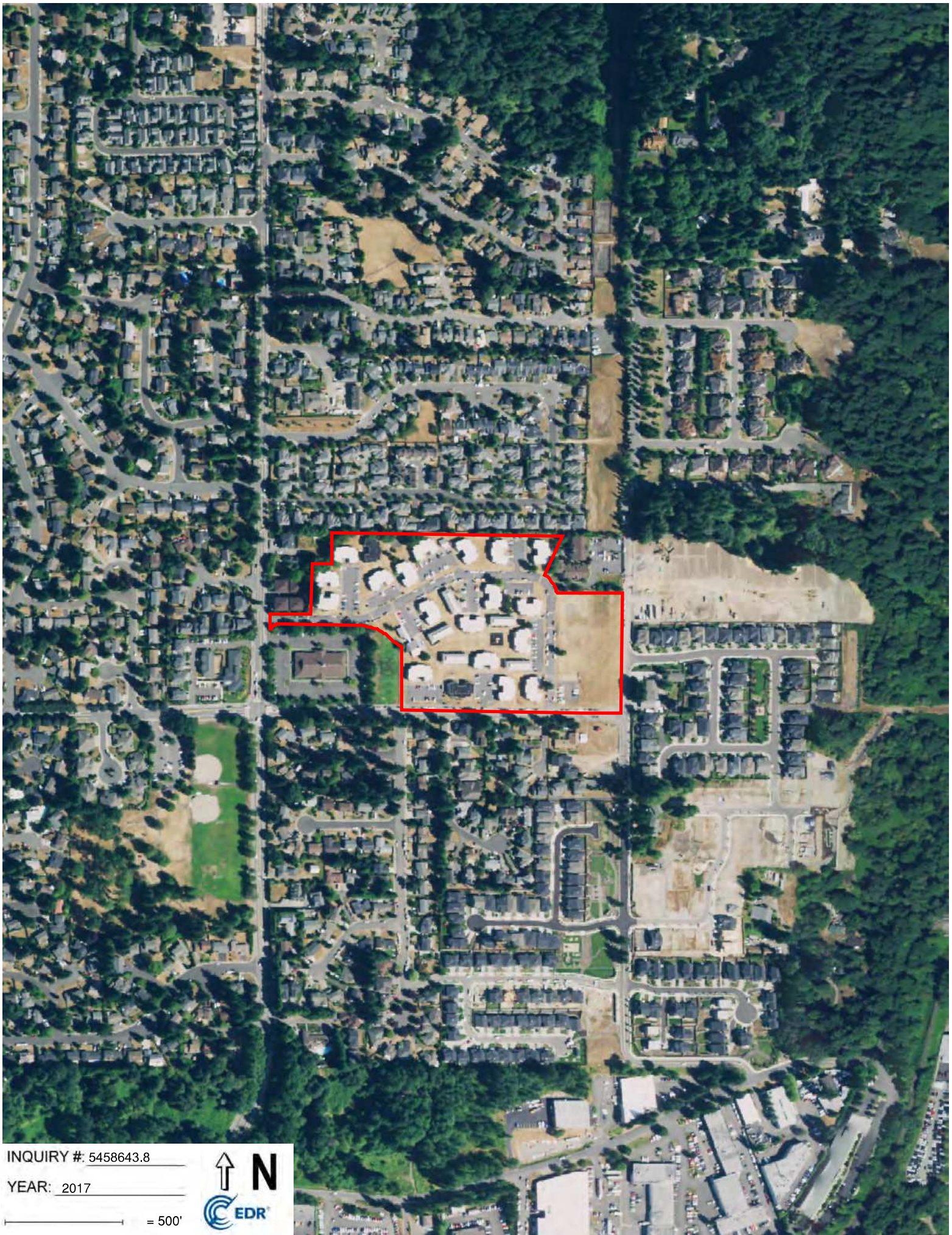
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INQUIRY #: 5458643.8

YEAR: 2017

— = 500'





INQUIRY #: 5458643.8

YEAR: 2013

— = 500'





INQUIRY #: 5458643.8

YEAR: 2009

— = 500'





INQUIRY #: 5458643.8

YEAR: 2006

— = 500'





INQUIRY #: 5458643.8

YEAR: 1990

— = 500'





INQUIRY #: 5458643.8

YEAR: 1985

— = 500'





INQUIRY #: 5458643.8

YEAR: 1980

— = 500'





INQUIRY #: 5458643.8

YEAR: 1977

— = 500'





INQUIRY #: 5458643.8

YEAR: 1968

— = 500'





INQUIRY #: 5458643.8

YEAR: 1965

— = 500'





INQUIRY #: 5458643.8

YEAR: 1952

— = 500'



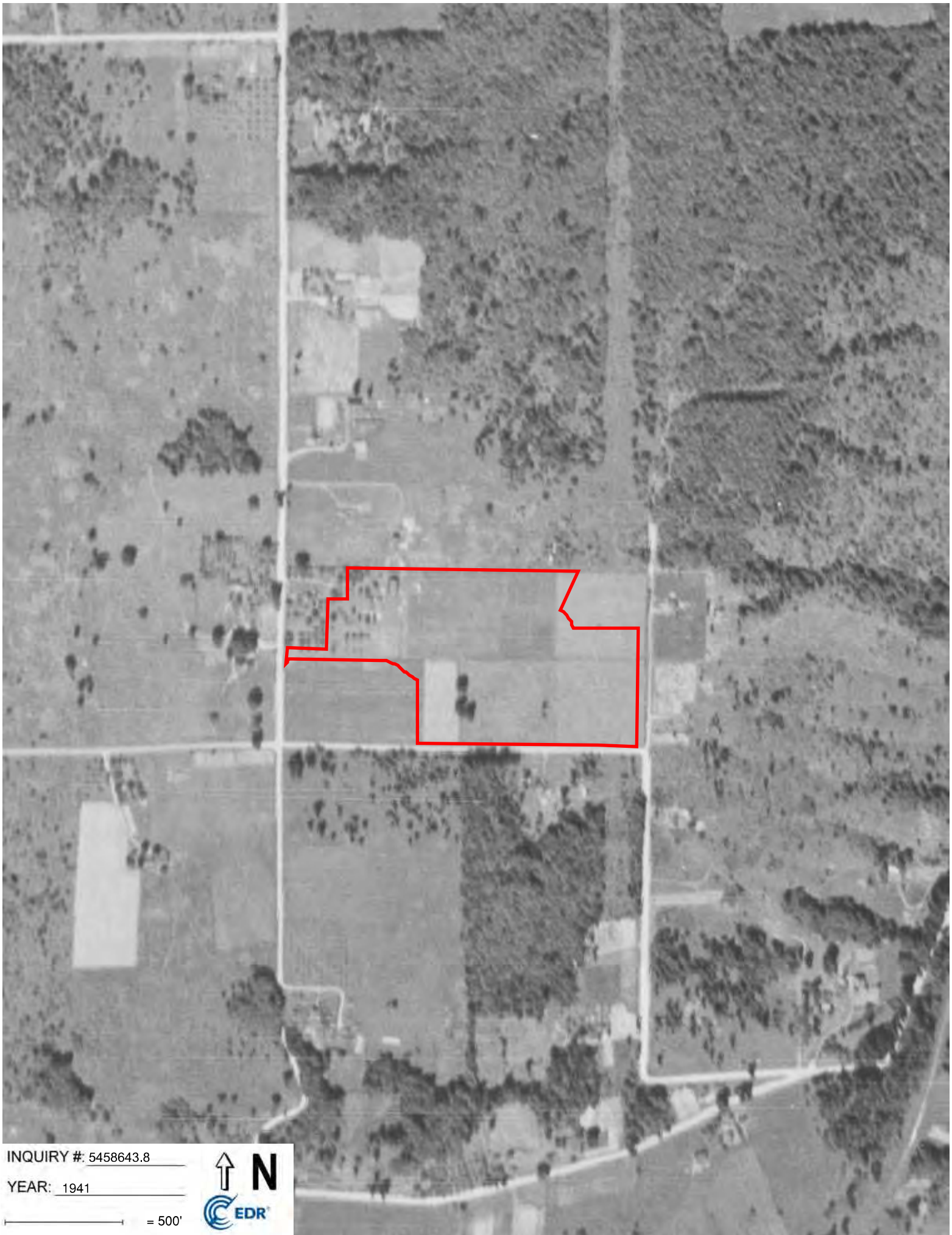


INQUIRY #: 5458643.8

YEAR: 1944

— = 500'





INQUIRY #: 5458643.8

YEAR: 1941

— = 500'





Kirkland Heights Apartments

13310 NE 133rd St

Kirkland, WA 98034

Inquiry Number: 5458643.3

October 19, 2018

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

10/19/18

Site Name:

Kirkland Heights Apartments
13310 NE 133rd St
Kirkland, WA 98034
EDR Inquiry # 5458643.3

Client Name:

PBS Engineering & Env.
2517 Eastlake Avenue East
Seattle, WA 98102
Contact: Kyle Johnson



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by PBS Engineering & Env. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 720E-4AE5-8581

PO # 40573.169

Project Kirkland Heights Apartments

UNMAPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 720E-4AE5-8581

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

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Kirkland Heights Apartments

13310 NE 133rd St
Kirkland, WA 98034

Inquiry Number: 5458643.5
October 24, 2018

The EDR-City Directory Image Report



Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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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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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input 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
1986	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1981	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1977	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1969	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

13310 NE 133rd St
Kirkland, WA 98034

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

NE 133RD ST

2014	pg A2	EDR Digital Archive
2010	pg A5	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A11	EDR Digital Archive
1995	pg A13	EDR Digital Archive
1992	pg A16	EDR Digital Archive
1986	pg A18	Cole Criss-Cross Directory
1981	pg A19	Cole Criss-Cross Directory
1977	pg A20	Cole Criss-Cross Directory
1977	pg A21	Cole Criss-Cross Directory
1972	pg A22	Cole Criss-Cross Directory
1969	pg A23	Cole Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

NE 133RD ST

2014

6916 OCCUPANT UNKNOWN,
 7104 HODGSON, NEIL E
 7112 TRUHAN, JAMES E
 7120 HURN, DEBORA A
 8504 WHITBECK, LORNA K
 8511 STUART, MIKE G
 8604 PETERSEN, JOEL A
 8609 DU, XING
 8612 TUTTLE, SHELBY G
 8617 FLAJOLE, RICHARD A
 8618 ISABOWS
 SCHUFFMAN, JEFFREY R
 9201 FRUCHTL, PRESTON J
 9207 FULKERSON, GERALDINE L
 9210 NISHIMOTO, MARVIN R
 9215 BRYANT, MICHAEL E
 RNDM GAMES LLC
 9218 CORSON STUDIOS L L C
 FRIEDT, LORI A
 9223 OCCUPANT UNKNOWN,
 9226 JAHANTIGHI, SIAMAK F
 9229 KERLEY, JENNIFER K
 9302 RIPPLE, JACK E
 9305 JONES, MICHAEL G
 9308 NEUMANN, GREG W
 9311 ZACCARIA, DARRYL E
 9314 KHAM AQUATIC SCIENCES LLC
 KHAM, BRUCE
 9317 BOYD, JOSEPH F
 9320 BAUGH, HAROLD W
 9325 DICKINSON, MATTHEW B
 9328 SCHROEDER, JEFFREY A
 10907 DERBYSHIRE, MARK T
 10912 ROUGH CONSULTING
 ROUGH, DOUGLAS H
 THEROUGHSCOM
 10915 JENSEN MARKETING
 JENSEN, MARK L
 10922 CHANDLER, LAURA M
 10925 KISH INC
 MANSOUR, MORTEZA A
 10935 GALE, COLIN C
 10938 DORSEY, BARBARA L
 10939 PETREE, PAUL R
 10942 KUZISHCHINA, KIRILL N
 10943 LYON, ROBERT A
 10946 KOOP, ANDREW J
 11604 OCCUPANT UNKNOWN,
 11609 OCCUPANT UNKNOWN,
 11612 MILLIGAN, JOHN B

NE 133RD ST

2014

(Cont'd)

11615	VICHAYAPAI, RONG R
11620	L AND T AT CRESCENT BAR LLC TRAUTMAN, JEFFREY L
11628	WEST, DARRELL L
13228	BROWN, ANDREA P NGUON, PICHARA E NHANG, TANG L TETER, RONALD A
13230	BARRETT, KATALIN L CALLIOUX, ANN M HOUMIVONG, NOUNE JENKINS, BRINLEY C MUNA, MICHAEL R NAMVONG, MANICHANH SHADE, KATHERINE J
13232	ARIAS, CARLOS M BUTH, SARY CHACHA, HUA CHAN, TINA ORDUKAHVNOVE, KARINA SARKISOVA, GRETA A TIN, THEM
13234	CHANG, MAO ISHKNANYAN, ARTASH LOR, CHER MORALES, MARIA C RODRIGUEZ, MARIA SISOUNONG, PHAYVANH TATAR, LUCIAN TRITSCH, KELLINE M
13310	MORN, LAN N PASA, THAEN SOURINHA, PHONGSANITH WILSON, APRIL R XIONG, VU T
13319	CHANG, DOUA NUNEZ, DAVID D PARKER, ROBERTA
13320	BABAUTA, ENGRACIA HARRIS, TAWNI J PARA, ION SUTHA, NANG TETER, PAT A WILLIAMS, ANGEL M
13321	MCMILLAN, ROXANN ROSIORU, ELENA SHUN, NY THAO, STEVEN WREDE, MARA S YANG, VA A

NE 133RD ST

2014

(Cont'd)

13402	CHA, IA A DANIELSON, ARTHUR W DAVIS, DEBRA A PARLIER, ANDREW D PHOUMIVONG, NANCY VLASIN, ALIN V YEROMYSHYAN, NARINE
13405	MORALES, TERESA
13407	EISENHOWER, JACOB KOTALAS, LAM MANEEVONG, SOUAY PASA, SANG W SEROBYAN, LARISA
13408	ENG, MOM NARANJO, ALEJANDRA RITTY, S O SOMRATH, CHANTHA THILAPHANH, PANOME ZHOU, QI I
13409	KNUST, AUSTIN S MCCLARA, AMANDA MIHAI, CONSTANTIN VANDEE, STEVIN B VANG, DOUA
13421	CHANG, XIA SAENGSOORY, PHENA SUON, SUN
13422	BOONTO, BOONTEN POSY, VANNY WILHELM, DWAYNE J XIONG, LAO
13425	CHANG, Z MENDOZA, ANTONIO MORRIS, JUNE NIKOLOV, EMIL
13426	CHANG, YENG COCOS, CRISTIAN MIHAI, SORIN I OEURN, SOKUN M SAEYANG, KHANTHIP
13638	SCHNEIDER, CLINTON C
13704	GREENBERG, RYAN
13729	OCCUPANT UNKNOWN,

NE 133RD ST

2010

6916 KNOWLTON, MATT
7104 HODGSON, NEIL E
7112 TRUHAN, JAMES E
7128 PRZYCHODZEN, JOE
8504 WHITBECK, LORNA K
8511 SALO, SIGRID A
8604 PETERSEN, JOEL A
8609 AVADAYEV, VYACHESLAV A
8612 OCCUPANT UNKNOWN,
8617 FLAJOLE, RICHARD A
8618 ISABOWS
SCHUFFMAN, JEFFREY R
9201 FRUCHTL, PRESTON J
9207 FULKERSON, GERALDINE L
9210 NISHIMOTO, MARVIN R
9215 COLMAN, ARLENE A
9218 FRIEDT, LORI A
KONKOL, ALETA C
9223 GIBSON, DOUGLAS R
9226 FOMENKO, MIKHAIL
9229 KERLEY, JENNIFER K
9302 RIPPLE, JACK E
9305 JONES, MICHAEL G
9308 NEUMANN, GREG W
9311 ZACCARIA, DARRYL E
9314 KHAM AQUATIC SCIENCES LLC
KHAM, BRUCE
9317 GRIEB, VICKI P
9320 BAUGH, HAROLD W
9325 DICKINSON, MATTHEW B
9328 SCHROEDER, CHRIS K
10907 DERBYSHIRE, MARK T
10912 ROUGH CONSULTING
ROUGH, DOUGLAS H
THEROUGHSCOM
10915 JENSEN, MARK L
10922 CHANDER, MARILYN K
10925 KISH INC
MANSOUR, MORTEZA A
10935 GALE, COLIN
10938 DORSEY, THOMAS W
OFFICE OF FIRST PATRIARCH
10939 PETREE, PAUL R
10942 KUZISHCHINA, KIRILL N
10943 LYON, ROBERT A
10946 KOOP, ANDREW J
11604 WALLACE, IAN P
11609 GARRIGAN, ANTHONY T
11612 POLIS, COREY T
11620 TRAUTMAN, JEFFREY L

NE 133RD ST

2010

(Cont'd)

11628	WEST, DARRELL B
13228	DAO, DO
	MORALES, FREYA
	NGUON, PICHARA E
	THAO, CHAO
13230	CHA, IA A
	GRUITA, FLORENA
	HOUMIVONG, NOUNE
	MACHADO, DINA B
13232	ARIAS, AIDA A
	CHACHA, HUA
	ORDUKAHVNOVE, KARINA
	TIN, THEM
13234	GRIFFITH, WARLITA M
	PADAR, LUCIAN
	PARK, SO Y
	SHARP, LISA
	SISOUNONG, PHAYVANH
	THIEN, CHHOY
	YEROMYSHYAN, NELLI
13310	PASA, THAEN
	WILSON, APRIL
	XIONG, VU T
13319	CHANG, XOR
	PARKER, ROBERTA
13320	MINCHEW, BARB I
	PARA, ION
	SUTHA, MANN
	TETER, TROY M
	WILLIAMS, ANGEL M
	YANG, XEE
13321	HEM, SAVY
	KHIEV, NANCY
	MORN, LAN N
	NOGA, VICTOR G
	ROSIORU, CONSTANTIN
	SHUN, NY
	WREDE, PAULA S
13402	MENDOZA, ELIZABETH
	SAYSANASY, THAVONE
	VLASIN, ALIN V
13405	CHASENGNOU, GER
	SOLIS-MARTINEZ, GREGORIO M
13407	EISENHOWER, JEFFERY A
	GRIBBON, ELISABETH A
	HO, THUAN
	LOMELI, ALEJANDRA
	LOR, CHERKER
	MANEEVONG, SOUAY
	PAPAYAN, ROBERT

NE 133RD ST

2010

(Cont'd)

13407	VAY, KEO
13408	MORALES, NORMA
	NGETH, VASANA
	REIM, CHOK
	SO, RITTY
	SUANNOY, SOUYAUH
	THILAPHANH, PHANATH
13409	KNUST, AUSTIN S
	MAGER, CHARLINE L
	MIHAI, CONSTANTIN
13421	CHANG, XIA
	SAENGSOURY, KHOUNMA
13422	CHANG, LEE
	IM, SOUN
	POSY, VANNY
	REGALADO, SYLVIA
	WILHELM, DWAYNE J
	XIONG, LAO
13425	GRANRUD, EMILY
	MORRIS, MARTHA J
	PHIMBOUPHA, PHATHOUMEONE
	TROUNG, HONG
13426	CHANTHA, CHOY
	LOR, CHAO
	OEURN, SOKUN M
	PERKINS, CHRIS E
	SAEYANG, MARY
	SEN, TEM
130409	MCCLARA, AMANDA

NE 133RD ST

2005

6916 OCCUPANT UNKNOWN,
 7104 HODGSON, NEIL E
 7112 TRUHAN, JAMES E
 7120 HAYWARD, JUSTIN
 7128 PRZYCHODZEN, JOE
 8511 SALO, SIGRID A
 8604 OCCUPANT UNKNOWN,
 8609 AVADAYEV, VYACHESLAV N
 8612 TUTTLE, SHELBY G
 8617 FLAJOLE, RICHARD A
 LUBIN CONSTRUCTION CO INC
 8618 ISABOWS
 SCHUFFMAN, JEFFREY R
 9201 FRUCHTL
 FRUCHTL, PRESTON J
 9207 SEESE, DANIEL P
 9210 MISHIMOTO, MARVIN R
 9215 COLMAN, ARLENE A
 9218 FRIEDT, LORI A
 9223 GIBSON, DOUGLAS R
 9226 MOSEICHUK, N
 9229 KERLEY, STEVEN D
 9302 RIPPLE, JACK E
 9305 JONES, MICHAEL G
 9308 NEUMANN, WILLIAM G
 9311 ZACCARIA, DARRYL E
 9314 KVAM, EDWARD B
 9317 GRIEB, VICKI L
 9320 BAUGH, HAROLD W
 9325 DICKINSON, MATTHEW B
 9328 SCHROEDER, ALLEN R
 10907 DERBYSHIRE, MARK T
 10912 ROUGH, DOUGLAS H
 10915 JENSEN, MARK L
 10922 OCCUPANT UNKNOWN,
 10925 AMINMANSOUR, MORTEZA
 JUANITA SUBWAY 17967
 KISH INC
 WRITE SHOP
 10935 OCCUPANT UNKNOWN,
 10938 DORSEY, THOMAS W
 10939 PETREE, PAUL R
 10942 BUCHANAN, ANN A
 10943 LYON, ROBERT A
 10946 KOOP, ANDREW J
 11604 WALLACE, IAN P
 11609 ALLEN, ERIC D
 11612 JOHNSON, ROBBY G
 11615 VICHAYAPAI, RONG R
 11620 TRAUTMAN, JEFFREY L

NE 133RD ST

2005

(Cont'd)

11628	WEST, DARRELL B
13228	HILL, HEATHER K
	MORALES, FONSECA F
	PANTEL, DOMINIC C
	REOTEGUI, ALBERTO W
13230	CALLIOUX, ROBERT R
	CHA, K A
	DO, TUNG H
	GRUITA, FLORENA
	HOUMIVONG, NOUNE
	NEWMAN, STEVE D
	SHADE, KATHY J
13232	CHENG, CHAK
	MORENCY, MICHELE
13234	PADAR, LUCIAN
	PARK, SO Y
	SHARP, LISA
	SOLIS, GREGORIO
	THIEN, CHHOY
13310	MISHOV, PAVEL
	QUACH, L Y
	VANG, VUE
	VORACHAK, DOVANGDAO
	WASHBURN, DINAH M
	XIONG, VANGXENG
13319	CHANG, DOUA
	DUBEAU, STEVE R
	SUON, SUN
13320	CHANTHAMALA, KONGMY
	FIFOUNONG, PHAYVANH
	MINCHEW, BARB I
	PARA, ION
	SUTHA, MANN
	TETER, PAT A
	YANG, XEE
13321	NEWTON, KHOUA
	ROSIORU, CONSTANTIN
	SOTELO, ARMANDO T
	SOTELO, AYDE
	WREDE, PAULA S
13402	CHA, KAO L
	DAVIS, DEBRA A
	MENDOZA, ELIZABETH
13405	ANDERSON, KEVIN J
	MCMILLAN, KEN L
	OLD FARMER
	YANG, NENG
13407	EISENHOWER, JEFFERY A
	GAGE, MISTY
	HO, THUAN

NE 133RD ST

2005

(Cont'd)

13407	MANEEVONG, SOUAY MHNTSEVICH, ZINAIDA VAY, KEO
13408	GINGHINA, VASILE KILBY, DEANA R KOTALAS, LAM MORALES, NORMA SAVAGE, SEANNA L SUANNOY, SOUYAUH THILAPHANH, PHANATH
13409	GARMS, LINDA J HUYNH, LOC MAGER, DONNA L MCDONALD, JOHN S SMITH, JULIE
13410	MISHKOV, STEPAN P
13421	CHANG, CHAI
13422	IM, SOUN REGALADO, SYLVIA WILHELM, DWAYNE J WILLIAMS, ANGEL M XIONG, LEE
13425	ADAMSON, RICHARD FOY, MICHAEL LEWIS, MEG NELSON, SCOTT D SMITH, BROOKE S
13426	GOMEZ, JORGE C PERKINS, SALLY M SAEYANG, KHANTHIP SEM, SOVTPH XIONG, JAYLIE



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NE 133RD ST

2000

8504 WHITBECK, LORNA
 8511 SALO, SIGRID
 8604 NOLL, TRAVIS R
 8612 BELLE COUR INC
 TUTTLE, SHELBY G
 8617 FLAJOLE, RICHARD A
 9201 FRUCHTL, PRESTON
 9207 LARSON, RANDY
 9210 NISHIMOTO, MARVIN
 9215 MEYER, VAL
 9218 FRIEDT, LORI
 9226 MOSEICHUK, A
 9302 RIPPLE, JACK
 9305 JONES, G L
 9308 BOLD, E
 NATIONWIDE MUTUAL INSURANCE CO
 9311 ZACCARIA, DARRYL E
 9314 KVAM, BRUCE
 9317 WILLIAMS, ROSE M
 9325 OCCUPANT UNKNOWN,
 9328 SCHROEDER, CHRIS
 10907 DERBYSHIRE MARK THOMAS
 10912 ROUGH CONSULTING
 ROUGH, DOUGLAS H
 10915 OCCUPANT UNKNOWN,
 10922 OCCUPANT UNKNOWN,
 SUNSHINE & LOVES HOME CH
 10925 OCCUPANT UNKNOWN,
 10935 OCCUPANT UNKNOWN,
 10938 OCCUPANT UNKNOWN,
 10939 PETREE, PAUL
 10942 OCCUPANT UNKNOWN,
 RAGGETY ANNS RAGS
 10943 LYON, ROBERT A
 10946 KOOP, ANDREW
 11612 PABST, JOHN
 11615 AGVATEESIRI, ANNA
 11620 OCCUPANT UNKNOWN,
 11628 WEST, DARRELL B
 13228 LY, THI Q
 RASSAVONE, A
 SAYSANASY, CHANH
 SONG, SOG
 13230 CIUI, AURORA
 DO, LE H
 GRANATH, H
 SMITH, ROBERT M
 13232 TRINH, DUNG T
 VANNGUYEN, DUC
 13234 CHANTHAKHATH, I

NE 133RD ST

2000

(Cont'd)

13234	GRIFFITH, WARLITA
	HOLLINS, KAILA
	IRISH, JORGIA
	JOHNS, JEREMY
	PARK, SO
	SUON, VANNA
13310	MISHOV, PAVEL
	VANG, VUE
13319	CHANG, LOR
	PA GARDEN
	SUON, SUN
13320	SANTIAGO, LOURDES
	THAN, VANTHA
13321	FINEGAN, NANETTE
	ROSIORU, C
	SOTELO, ARMANDO
	XIONG, SOR
13402	DANIELSON, DEBORAH M
13405	CALLIOUX, R R
	CHASENGNOU, GER
	FARMER OLD
13407	EISENHOWER, RENEE
	LOMELI, A
	MHNTSEVICH, ZINAIDA
13408	GOMEZ, JORGE
	KOTALAS, DAM
13409	HUYNH, LOC
	MAGER, DONNA
13421	CHANG, C
13422	REGALADO, SYLVIA
13426	GRISTAN, SERGEY
	HAGLER, JODY
	KOSZORUS, IOAN
	MIHAI, SORIN I
	PERKINS, SALLY

NE 133RD ST

1995

6916	NORTON, DANIEL J PRO CLEAN SERVICES
7104	FISHER, RON
7112	SLEIGHTER, JOHN
7120	MCCARRON, MICHAEL D
8504	MILLER, RANDY WHITBECK, DAVID L
8511	SALO, SIGRID
8604	YURASHAK, T
8612	BELLE JOUR TUTTLE, SHELBY G JR
8617	FLAJOLE, RICHARD A
8618	WARD, PAT
8626	BAUER, VIRGIL F
9201	FRUCHTL, PRESTON
9207	DEBRUHL, STEPHEN W VANDEGRIFT, DAVID
9210	NISHIMOTO, MARVIN
9215	OCCUPANT UNKNOWNNN
9218	OCCUPANT UNKNOWNNN
9223	OCCUPANT UNKNOWNNN
9226	OCCUPANT UNKNOWNNN
9229	PEFFERS, GARY
9302	OCCUPANT UNKNOWNNN
9305	JONES, G L
9308	OCCUPANT UNKNOWNNN
9311	ZACCARIA, DARRYL E
9314	MILANO, JOHN
9317	OCCUPANT UNKNOWNNN
9320	OCCUPANT UNKNOWNNN
9325	COOK, ARLAND D
9328	SCHROEDER, ALLEN R
10912	ROUGH, L
10915	CHESNUT, JEREMY COSTON, CINDY L KLUM, HOWARD T
10922	BLOSSER, NITA
10925	LEONEN, TENORIO
10935	OCCUPANT UNKNOWNNN
10938	NOCE, ROBERT
10939	PETREE, PAUL
10942	OCCUPANT UNKNOWNNN
10943	LYON, ROBERT A
10946	LIPPINCOTT, GEORGE
11604	UDY, REVON
11609	EVENT TRANSPORTATION ASSOC HILL, DANIEL
11612	OCCUPANT UNKNOWNNN
11615	OCCUPANT UNKNOWNNN
11620	FELT, GARY

NE 133RD ST

1995

(Cont'd)

11628	WEST, DARRELL B
13228	CALLIOUX, ROBERT R
	IGNATENKOV, YURIY
	READEGUI, ALBERTO
	SONG, SOG
13230	CHINKA, STEPHAN
	VANN, ROURN
	WIESNER, G I
13232	BELARDE, MONICA P
	CHAU, PING
13234	CHUM, CHHOUNG
	GEORGE, SHIRLEY
	GRIFFITH, WARLITA M
	PARK, SO
	SUON, VANNA
13310	MISHOV, PAVEL
13312	OCCUPANT UNKNOWNN
13319	SUON, SUN
13320	CICEU, DANIEL
	THAN, VANTHA
13321	DAVIDYUK, A
	DUARTE, E
	KEOVEUNEXAY, X
	MOSE, ESERA
	ROSIORU, C
	XIONG, SOR
13402	CIMPAN, NICU
	MCMILLAN, KEN
13405	DIAZ, ZENAIDA
	JONES, SHAWNA
	SMIGLE, HOWARD
13406	OCCUPANT UNKNOWNN
13407	CHAU, NGHIA H
	CHERVETS, MARK
	EISENHOWER, RENEE
	LOMELI, ERNESTO
	PHENGSAVATH, PETT
	WOODWARD, BRIAN
13408	BERN, A
	CICEU, LIVIU
	ENACHE, NICU
	SHORT, JOHN M
	THILAPHANH, PHANATH
13409	HUYNH, LOC
	SEMEINIUK, L
	TRAN, MINH D
	YANG, NENG
13421	MOROTI, IOIL
	SOPHEAP, SAN
13422	ANDERSON, K

NE 133RD ST**1995****(Cont'd)**

13422 KINSEY, P
13425 DELCARZZO, ELISA
DUMAS, A
LAHOZ, JORGE
WRIGHT, LINDA
13426 EVANS, J G
GRITSAN, SERGEY S
PERKINS, SALLY
VAHL, JUNE E

NE 133RD ST

1992

7112	SLEIGHTER, JOHN
7120	ROGERS, STEVEN
8504	WHITBECK, DAVID L
8511	SALO, SIGRID
8609	T & J LEASING
	THOMPSON, TONITA A
8612	BELLE JOUR
	TUTTLE, SHELBY G JR
8617	FLAJOLE, RICHARD A
8618	WARD, PAT
8626	BAUER, VIRGIL F
9210	NISHIMOTO, MARVIN
9302	RIPPLE, JACK
9305	JONES, G L
9325	COOK, ARLAND D
9328	SCHROEDER, ALLEN R
10907	YOUNGS, STAN
10915	KLUM, HOWARD T
10922	WARNER, LEE K
10938	SMALL BUSINESS COMPUTER SVC
10939	PETREE, PAUL
10942	BUCHANAN, BRAD
10943	LYON, ROBERT A
10946	LIPPINCOTT, GEORGE P
11604	UDY, REVON
11609	LOTT, JACK
11628	WEST, DARRELL B
13228	OVERMON, A
	READEGUI, ALBERTO
	SONG, M
13230	DIEZ, OSVALDO
	WIESNER, G I
	YUST, SHERYL
13232	CHAU, PING
	LAEM, CHIEN
	SPENCER, GARY
13234	CHUM, CHHOUNG
	SCHULTZ, ERIKA
13310	EVANS, J
	KHOUT, LUC
	NGUYEN, HONGVAN
13319	SUON, SUN
13320	ALLUM, HILDA L
	SAM, SAVONG
	SOUVANNAVONG, K
	SREY, SAROEUN
	STILLWELL, MIKE
13321	ASADI, FATEMEH
	KEOVEUNEXAY, X
	MOE, V

NE 133RD ST

1992

(Cont'd)

13402	DIAZ, Z
	REDD, LYNN
13405	SMIGLE, HOWARD
13407	CHUM, SOPHAL
	SAYSENASY, CHIEM
13408	JONES, JACK
	KILBY, DEANA
	LONG, CHA
	SHORT, JOHN M
13409	GARCIA, HERNAN
	ROBINSON, TOM
	ROGERS, ROBERT M
	TRAN, MINH D
13421	MOROTI, IOIL
	SOPHEAP, SAN
13422	DALE, DAVID
	ODOM, L C
13425	CIUI, AURORA
13426	LIANG, H P
	SKENANDORE, STEVEN T

NE 133RD ST 1986

NE 133RD PL

8716	Kenneth E. Ross	67	823-8867
8719	Kevin Ross	85	821-5356
8720	Hugh R. Givens	73	823-5362
8720	H. A. Patterson		821-5043
8723	Kenneth L. Heggen	77	823-4577
9008	J. E. Burdick	80	823-0199
9010	Peter B. Robinson	81	823-0199
9011	Raymond Devier	70	823-2869
9011	Brain S. Nathanson		820-1220
9016		NP	
9017	Padilla	83	823-0788
9024	Brett Thompson	85	823-4887
	Joseph Zetz	85	823-8648
	Joseph Zetz	85	823-4887
9025	N. William Cuthbert	73	823-2149
9032		NP	
9033	Jerome Mutal	83	823-6233
9308	E. Bold	84	823-0764
10000	David Rueb	85	821-3384
10005	Leroy Powers	73	821-4842
10010	Kimm Klitzke	85	821-5006
	Kimm Klitzke	85	821-3517
10020		NP	
10222	Brian Austermuhl		820-2010
10506	Stephen Burrows		823-3894
10511		NP	
10514	Gordon R. Broussard	73	821-1330
10520	Clyde A. Kennard	74	821-4699
10521	Gary Adams	85	823-5478
10526	10527		NP
10632	R. J. Burleson	85	823-3177
10640	J. Robert Koll	74	821-4526
10647	David A. Hodge	78	821-4523
10648	Greg E. Brown		823-9879
10650		NP	
10655	Bruce M. Holm	73	821-4534
10656	Donald Dornig	70	821-4516
10663	Bob Shinson		820-0307
10664	John H. Miles	79	821-7506
11805	R. F. Henning		820-0511
11811	Tom Carlson	79	821-4303
11814	Bernard Lastowski	69	821-3713
11815	Robert A. Braun	85	821-5568
11820		NP	
11821	Larry G. McClaran	74	821-3668
11827	Glenn E. Dahlquist	73	821-3615
11901	Jerome T. Barrett	68	821-3677
11907		NP	
11911	Lavona R. Mead	79	821-9620
11914	11915 12004		NP
12005	W. Rand Stubbs	77	821-3727
12012	Dennis A. Linn	79	821-7412
12017	Pete A. McKeon	79	821-6324
12018	Thomas Masterjohn		823-9862
12023		NP	
12028	Lawrence Borschowa	85	821-8377
12029	Roger L. Bright	84	823-0274
12035	John R. Siemers	75	821-3763
12038	Laverne Lund	85	823-1564
12610		NP	
12615	Mark Sweeney	79	821-2671
12618	Gary M. Higbee	84	821-7784
12625		NP	
12626	Jim Jahnke	84	821-1833
12633		NP	
12703	Richard Thompson	80	821-5154
12705	Robert A. Cormier	84	821-7076
12710	Ronald Howlett	79	821-1654
12904	Martin Bender	79	821-9763
12909	John R. Sendek	74	821-1687
12912	Owen H. Kenyon	74	821-1702
12913	Paul Swanson	85	823-2713
12925	Dennis H. Rutledge	79	821-0121
12930	Jim Alkire		821-1497
12931	David Tomlinson		823-1707
12932		NP	
12934	Kenneth W. Whelan	79	821-1649
12936	James Boon	79	821-7023
12937	Kenneth Wolford		823-0873
12940	Dan Lindstrom	79	821-1910

98 RESIDENCE

	6900- 7199	TZ 223	8A.C19
	8500- 9399	TZ 222	8B.C20
	10900-10999	TZ 22002	8B.C21
	11600-13459	TZ 21902	8B.C22
●	THOMAS BROS MAP LOC K	9-C1	
●	THOMAS BROS MAP LOC K	10-A1	
7104	Knut Hernas	85	821-3150
7112	John Sleighter	80	821-3114
7120		NP	
8504	Raymond Peterson	84	823-2011
8511	David L. Whitbeck	80	823-6581
8511	Sully S. Saloma	67	823-2848
8504	Gregory S. McKinney	84	823-0351
8609	Stephanie L. Minto	84	823-0351
	John E. Lotshaw	85	823-0528
	T. A. Thompson	81	823-0528
8612	S. Gordon Tuttle Jr.	77	823-4994
8617	Richard A. Flajole	76	823-5803
8618	Pat Ward		823-0599
	Pat Ward	85	486-7832
8626	Virgil F. Bauer	67	823-8812
9201	Preston Frucht	79	823-0684
9207		NP	
9210	Marvin Nishimoto	85	821-9840
9215	Kathie Braun		820-2695
9218	Terry Nordlund		820-2695
9226	Michael Delles	79	823-2018
9229	Larry J. Federico	82	821-7046
9302		NP	
9302	Jack Ripple	79	823-2794
9305	G. L. Jones	82	823-8329
9311	Darryl E. Zaccaria	73	823-1888
9314	S. Jones	81	823-1575
9317	John Story	82	823-5235
9320		NP	
9325	Arland D. Cook	74	823-9863
9328	Allen R. Schroeder	74	823-5633
10907	Stan Youngs	85	823-1104
10912	Douglas H. Rough	84	821-5529
10915	Howard T. Klum	81	821-3148
10922		NP	
10925	Buryl Christopher	80	821-8529
10935	Greg P. Johnston	85	821-8403
10938	Harold D. Dick		821-7791
10939	Paul Petree	80	821-6558
10942	Brad Buchanan	81	823-0426
10943	Robert A. Lyon	84	823-4395
10946	Michael Abbott	81	821-8953
11604	Revon Udy	82	821-3037
11609	Jack Lott	85	821-1453

1986-1987 SEATTLE COLE

11612	John E. Dattilo	67	821-4253
11615	David M. Gordon	67	821-4165
11620	Wayne W. Johnson	79	821-6254
11628	Darrell B. West	73	821-7963
13205		NP	
13228	Harold Johnson	83	821-8051
	Philip O. Jones	74	821-3282
	* Kirk Wts Apts	83	821-2228
	H. E. Moran	79	821-1147
	Helen S. Thompson	83	821-5097
13230	B. Choulamountry	82	821-5314
	J. Eichman		823-6024
	J. Gallagher	80	821-7959
	G. I. Wiesner	79	821-0916
13232	Ping Chau	84	823-8123
	Xuan Van Le		821-3813
13234	Karen L. Albright	84	821-7508
	Ray Bruns		820-2730
	Ying Cha	83	821-0972
	S. Namsena		820-1067
13310	Renee Bicknell	81	821-8026
	C. I. Keeney	76	821-3239
	Lue Lee	85	823-1810
	Carol Meagher		821-4967
	Wriede		820-2510
13319*	Kind Food Bank	85	821-7158
	J. Lago	85	821-0594
	Terry Neunuebel	83	821-8361
13320	H. L. Allum	82	823-2241
	A. Cho		820-2013
	Manan G. Laws	83	821-6341
	Janet Morales	79	821-5829
	K. Souvannavong	82	823-8694
	Lao Ya Yang		820-2304
13321	John Wilburn	85	821-2622
	E. Mateo	77	821-2377
	V. Moe	75	821-3201
	P. Pesterkoff		823-2916
	C. Williams-Allen	84	823-4080
13402	Ger. Chasengnou		821-4053
	M. T. Phan	85	823-1766
	L. Redd		821-9116
	Tanya Snyder	85	823-2724
	Soy Song	79	821-8521
	T. Young	85	821-5939
13405	Marilyn L. Anderson	77	821-2090
	Susan Rumery	85	821-3375
	* Swan Sun		823-8781
13407	S. Alkire		823-6970
13408	K. R. Brezezinski	84	823-0232
	Linda Caro	83	823-8612
	Fidel Galindo	85	823-9510
	D. Kilby		823-3710
	Onesi Lolohea		820-1281
	A. Overmon		823-8838
	Vanntha Som		823-0463
	S. I. Stimmel		820-2551
13409	Orlando Alvarez	85	821-2878
	Karen Jaragoske		821-6842
	Arsenio Roy	85	823-9074
13421	Anna Calloux	82	821-8872
	Richard Evers	83	821-4086
	Patricia Rodvold	79	821-8005
	A. M. Struthers	84	823-5706
13422	Anthony Danese	85	821-9693
	P. Evans	85	821-2804
	K. A. Harasen		821-7186
	Terry Iverson	78	821-2084
	P. Kinsey	85	823-1889
	Lyle R. Matznick	74	883-1408
13425	Veda Akesson	80	822-3212
	Veda Diller	80	822-3212
	Andi L. Evans		827-9127
	W. Schiepp	85	822-9678
	Ira Jensen	66	822-8468
10027		NP	
10032		NP	
10041	M. J. Arehart	75	822-5857
10044		NP	
10061	James R. Snyder	81	827-1828
10205	John Eddy	67	822-7234
10206	David Gabriel		827-7783
	Victor C. Walling	84	827-7783
10212		NP	
10213	L. J. Knipschild	78	828-0452
10221	Daniel S. Harris	75	827-1957
10231	Mark A. Marten	81	827-2407
10237	Craig Madsen	85	827-3393
10247	C. E. McCracken	77	827-3820
10312	Gary Mathison	79	822-9055
10412	M. Scramlin	64	822-2136
10419	J. Thomas Smith	85	827-5582
10420	Tim Hodgson	83	827-1660
10425	T. Mowbray	85	827-5888
10428		NP	
10429	Oris G. Edwards	76	822-9543
10431	Francis Emerson	57	822-2998
10612	10620		NP
10625	Richard Ogden	64	822-7239
10630	Mark G. Morris	78	822-9727
10634	Timothy V. Murphy	73	827-5261
10636	David R. Boughner	74	827-6509
10637	Charles C. West	86	822-6623
10638	Richard C. Burnham	69	822-0817
10646	Webster G. Byrd	67	822-6736
10648	Oyvind Bjorkheim	74	822-5215
10649	Terry Boley	84	827-5033
10650		NP	

● 134TH AVE NE 98033

6500-6699	TZ 228	8A.F23
9500-10699	TZ 22602	8B.D22
13000-13799	TZ 21902	8B.C22
● THOMAS BROS MAP LOC K 10-C5		
● THOMAS BROS MAP LOC K 16-C2		
6602*	Dr Stanley E Ray	885-6338
8627	Lytle R Matznick	74 883-1408
10017	Veda Akesson	80 822-3212
	Veda Diller	80 822-3212
10020	Andi L Evans	827-9127
	W Schiepp	85 822-9678
10027	Ira Jensen	66 822-8468
10032	10033	NP
10041	M J Arehart	75 822-5857
10044		NP
10061	James R Snyder	81 827-1828
10205	John Eddy	67 822-7234
10206	David Gabriel	827-7783
	Victor C Walling	84 827-7783
10212		NP
10213	L J Knipschild	78 828-0452
10221	Daniel S Harris	75 827-1957
10231	Mark A Marten	81 827-2407
10237	Craig Madsen	85 827-3393
10247	C E McCracken	77 827-3820
10312	Gary Mathison	79 822-9055
10412	M Scramlin	64 822-2136
10419	J Thomas Smith	85 827-5582
10420	Tim Hodgson	83 827-1660
10425	T Mowbray	85 827-5888
10428		NP
10429	Otis G Edwards	76 822-9543
10431	Francis Emerson	57 822-2998
10612	10620	NP
10625	Richard Ogden	64 822-7239
10630	Mark G Morris	78 822-9727
10634	Timothy V Murphy	73 827-5261
10636	David R Boughner	74 827-6509
10637	Charles C West	86 822-6621
10638	Richard C Burnham	69 822-0817
10646	Webster G Byrd	67 822-6736
10648	Oyvind Bjorkheim	74 822-5215
10649	Terry Boley	84 827-5033
10650		NP
● 98034		
13010	Earl H Wolf	80 821-7883
13024	Edwin J Walker	77 821-3214
13106	Guy C Sanderson	85 821-3187
13120	Kenneth E Rundle	83 823-4574
13701	13702	NP
13703	J A Krug	820-0356

NE 133RD ST 1977

12038	Edwin M Huncovsky	□	828-0519
12904	Robert Moore	6	828-0291
12909	John R Sendak	4	822-6671
12912	Owen H Kenyon	4	827-1415
68	Residence	1	Business

NE 133RD ST		98033
6900- 7199	TZ	223 \$A..G 6
8500- 9399	TZ	222 \$C..G 6
10000-10999	TZ	220 \$B..G 7
11600-13499	TZ	219 \$A..G 8
092630		

6916	★East C Texas	-	827-9158
7104	Robert L Hoyt	4	822-7250
7112	Carl A Beach	-	822-2683
7120		NP	
7128		NP	
8504		NP	
8511	Sully S Saloma		822-4478
8604	Norvell E Graham	2	827-7264
8609	Frank M Hensley	2	827-6847
8612	S Gordon Tuttle Jr	□	822-7555
8617	Richard A Flajole	6	827-1837
8618	R E Gowdey		822-6196
8626	Virgil F Bauer		822-9156
8712	Marvin Adams	5	827-6796
9201	Preston Frucht	-	822-4820
9207		NP	
9210	David J Hopkins	□	827-8959
9215		NP	
9223	B William Jones	3	827-5206
9226	Lt Thomas H Chance	6	827-4514
9229	Dennis C Gudge	3	827-1367
9302	Stephen Haugen	3	827-5581
9305	David N Henderson	3	822-4345
9308		NP	
9311	Darryl E Zaccana	3	827-5579
9314	Victor A Hawley	3	827-7959
9317	Paul Morris	5	822-5261
9320	Harold Baugh	□	822-5934
9325	Arland D Cook	4	827-6506
9328	Allen R Schroeder	4	827-3380
10010	Burchard D White		822-9594
10521	M Dean Haagen	-	827-6041
10907	R H Noble	6	828-0379
10912	Kenneth N Henson	0	822-4671
10915	C Klum	6	827-8319
	Howard T Klum		822-2481
10922	C L Breeden	5	827-4009
	Lennus T Breeden	0	827-4009
10925	Walter J Milewski	6	828-0115
10935	Robert Holman	□	828-0573
11604	Richard M Udy	5	822-8762
11609	Harley H King		822-9341
11612	John E Dattilo		822-9508
11615	David M Gordon		822-0982
11620	Jack J Hammond		822-4374
11628	Darrell B West	3	822-9783
12913	Wm A Butterfield	4	827-1294
13205		NP	
13228	Y L Aleson	6	827-3910
	Brent R Enckson	□	827-5303
	Phillip O Jones	4	822-3724
	George J Walter	-	822-3985
	W M Whatley	□	822-3986
	R Zacher	□	822-8692
13230	Kaaren Depoe	□	827-3881
	Carol Dobyns	6	827-4783
	N J Gillette	□	822-0572
	K Stentz		827-7400
	Terry L Usher	□	827-1642
	M S Welander	5	827-3202
13232	Gale M Fitterer	3	827-3416
	C Paige	6	827-2033
	H I Stanley	3	827-1958
	K Stevens	□	827-5462
	Joe Vaught	□	828-0321
13234	V M Burnard	4	827-2679
	Terry Curry	□	828-0798
	G M Jones	5	827-5922
	Kum Y Kim	□	827-1024
	S R Lindsey	□	828-0976
	P Lindsley	□	828-0798
	B M Ryan	5	827-9482
	D L Weller	□	827-0950
13310	Florence Beck	4	822-4023
	Pam Coble	□	822-8385
	Carl Hill	3	827-8196
	G I Koening	6	822-8965
	Joe L Lafave	4	822-1176
	Nile Little	4	822-1984
	Gloria Sloan	6	822-4059
13319	Eusebio Jackson	-	827-4464
	★Kirkland Hts Apts		822-1100
	L Little	5	827-6992
13320	R L Bjornson	3	827-8046
	D Niemi	5	827-1072
	Herbert G Stephens	5	822-7068
	D J Sullivan	6	822-2821
	Robert Zielfeider	6	828-0102
13321	R Giordano	6	827-9233
	E Mateo	□	822-6601
	Jean McDaniel	□	827-6788

AS AUTHORIZED IN WRITING BY THE PUBLISHER
 - Census Tract Wealth Rating CL10 - Map Location

NE 133RD ST

1977

NE 133RD ST

			98033
13321	V Moe	5	827-2928
	R E Rogers	3	822-1450
	Graig Sanderson	□	827-0809
	Janet Stentz	4	827-4294
	G Watson	□	828-0069
13402	Randall Ahern	5	827-8903
	S Ballantine	□	822-0163
	Eugene Burruss	4	827-2792
	Pat Gallagher	□	827-4754
	F M Long	□	822-0136
	Linn Pike	6	827-4188
13405	Marlyn L Anderson	□	828-0236
13407★	Dr Wesley W Arndt	□	828-0145
	Alan W Jones	□	827-1473
	Maxine Pratt	4	822-4506
	C Spaulding	□	822-1485
13408	Teresa Clark	□	822-9150
	L E Ethridge	6	827-7165
	L Jewell	□	828-0947
	P J Kruger	□	827-8988
	D T Lynch	6	827-7895
	Gary K Myers	6	828-0356
	Bill Vankemseke	6	822-9743
13409	E Clappe	□	828-0504
	Madelyn Elam	6	827-3874
	P E King	6	827-7558
	Erin Lewallen	6	827-9265
	Gladys Morgan	3	822-6641
	George H Snider	□	822-3220
13421	Delbert Butcher	□	822-5821
	Roger W Gabriel	4	822-0179
	C Labarr	4	822-4048
13422	Walter L Ansley	4	822-4947
	K L Blackburn	6	822-4216
	H Munger	6	822-8483
	Kenneth Neff	□	828-0907
	Patrick J Stevens	□	827-5454
13425	L J Dodson	□	822-2303
	J E Gordon	6	822-4793
	P M Lemmo	□	827-7104
	Karen Reeves	3	827-6319
	S H Sales	□	828-0815
13426	Cathy A Grudnicki	□	828-0839
	Donald Nauer	□	827-5918
	L D Sherman	□	827-2093
	133 Residence	3	Business

134TH AVE NE

98033

2400- 8399 TZ 228 \$A..J 8

9500-10699 TZ 226 \$B..H 8

13000-13199 TZ 219 \$A..G 8

092640

6602 E Stanley Ray 6 885-6338

NE 133RD ST 1972

NE 133RD PL		1972 SEATTL	
11914	KENNETH L BOYO	1 8275153	1
12004	NOEL WILDER	1 8277795	1
12005	WAYNE HOOPER	-8273480	1
12023	N J FOSTER	#8276941	1
12028	DONALD R MAGNELLIO	8274819	1
	52 RESIDENCE	1 BUSINESS	1
NE 133RD ST		98033	1
...	6900- 7199 T	223 \$A..G 6	1
...	8500- 9299 T	222 \$C..G 6	1
...	10000-10999 T	220 \$C..G 7	1
...	11600-13499 T	219 \$C..G 8	1
6916	CDR F E CORNETT	#8271668	1
7112	STERLING E SAWYER	#8272809	1
7120	WARREN W WEBSTER	-8226322	1
7128	JERRY KLEMMER	-8223246	1
8504	CHARLES B OLSON	8227912	1
8511	SULLY S SALOMA	7 8224478	1
8604	NORVELL E GRAHAM	#8277264	1
8609	FRANK M HENSLEY	#8276847	1
8612	RODNEY LISLE	7 8223768	1
8617	WILLIAM L COLE	5 8228056	1
8618	R E GOWDEY	7 8226196	1
8626	VIRGIL F BAUER	7 8229156	1
9201	GERALD J BAXTER	JR#8275048	1
9207	GORDON BUETTNER	#8273917	1
9223	DON KLINE	-8274877	1
10010	BURCHARD D WHITE	8229594	1
10907	J G LOWENSTEIN	5 8224578	1
10912	KENNETH N HENSON	0 8224671	1
10915	HOWARD T KLUM	7 8222481	1
10922	LENNUS T BREEDEN	0 8274009	1
10925	RONALD K CLARK	#8274189	1
11604		NP	1
11609	HARLEY H KING	7 8229341	1
11612	JOHN E DATTILO	7 8229508	1
11615	DAVID M GORDON	7 8220982	1
11620	JACK J HAMMOND	7 8224374	1
11628	ROGER L SLATER	#8273764	1
11827	GLENN E DAHLQUIST	7 8226124	1
13228	JOHN A BOSHEAR	#8276625	1
	EDWIN L HEDLUND	-8274530	1
	L R MINDT	#8272078	1
	ORVIS D UHLES	-8276166	1
13230	S L BRAGG	#8276621	1
	DONALD JONES	#8271505	1
	J S LEASURE	#8275338	1
	WERNER T ROSENTHAL	#8272787	1
13232	LINDA S DEAN	-8277453	1
	ROGER LUDWIG	-8275344	1
	RUSSELL L RANZ	#8275865	1
13234	S A CARSKADDEN	#8223736	1
	MARY KINSEL	#8271640	1
	ROBERT RIFE	#8273783	1
13310	ANTHONY M WEBER	#8275881	1
	ROBERT HOLLISON	#8220739	1
	WALTER HOLLOW	#8275716	1
	HENRY WATASAKI	#8275175	1
	LESLIE WORNELL	-8278315	1
13319*	KIRKLAND HTS APTS	#8221100	1
13320	M J DOKKEN	#8275231	1
	J MCGUFFIN	#8273176	1
13321	EDWIN T CAMPBELL	#8273141	1
	D LUNDQUIST	#8273376	1
	EARL ROETEMEYER	#8274970	1
13402	S IRBY	#8273272	1
	A J KLANDERUD	-8272311	1
	PERRY M PETERSON	-8222159	1
	STEVEN SUNDE	#8274825	1
	A WESTON	#8271141	1
13405	E P BROCK	#8277606	1
	MARION D LOCKLEER	#8225697	1
13407	S L BATES	#8276606	1
	E JOHNSON	#8276241	1
	EDWARD MURRI	#8278402	1
	C R NUENCH	#8273332	1
	D M PALMEN	#8273525	1
	VICTOR SWYGART	#8271710	1
13408	B HOBERG	#8276113	1
	JOANN HOUSTON	#8277998	1
	D KILPATRICK	#8276896	1
	ALFRED G MYERS	1 8278063	1
13409	TIM CRAWFORD	#8274310	1
	E M JOLIN	#8220725	1
	JERRY RICHARDSON	#8276631	1
	D WOLFORD	-8272604	1
13421	LESLIE L ALLEN	-8226304	1
	C HIMMELSPACH	#8276634	1
13422	K E ANDERSON	#8272446	1
	DANNY C BOARD	-8272130	1
	LEAH KEEL	#8274317	1
	C L KELLEY	#8274443	1
	WANDA LAMB	9 8276609	1
13425	JO ARNESON	#8273603	1
	C JUDD	#8271174	1
13426	BRIAN E BJERKE	#8272119	1
	M A HEISER	#8277423	1
	J SHADE	#8275746	1
	85 RESIDENCE	1 BUSINESS	1
134TH AVE NE		98033	1
...	2400- 8399 T	228 \$A..J 8	1
...	9500-10699 T	226 \$D..H 8	1
7535	JOE M DAVIDSON	#8852064	1
7543*	AMWAY HOME PRODS	#854726	1
	*CR-1ST-CO	#8854726	1
	LARRY S CROWLEY	#852175	1

NE 133RD ST 1969

11907 WILLIAM B HAMLIN 8 8220621
36 RESIDENCE

N 133RD ST 98033

....10000-10999 T T 220 \$C..G 7
10010 BURCHARD D WHITE 8229594
10907 J G LOWENSTEIN 5 8224578
10915 HOWARD T KLUM 7 8222481
....11600-11899 T T 219 \$C..G 8
11604 JOHN B COMISKEY 7 8229812
11609 HARLEY H KING 7 8229341
11612 JOHN E DATTILO 7 8229508
11615 DAVID M GORDON 7 8220982
11620 JACK J HAMMOND 7 8224374
11628 K CHORLTON 7 8224603
11827 GLENN E DAHLQUIST 7 8226124
10 RESIDENCE

NE 133RD ST 98033

.... 8500- 8699 T T 222 \$C..G 6
8504 CHARLES B OLSON 8227912
8511 SULLY S SALOMA 7 8224478
8604 *RALPH CO INC 8229300
*RALPH CO INC 8222122
S R STILLWELL 7 8222122
8612 RODNEY LISLE 7 8223768
8617 WILLIAM L COLE 5 8228056
8618 R E GOWDEY 7 8226196
8626 VIRGIL F BAUER 7 8229156
7 RESIDENCE 2 BUSINESS

134TH AVE NE 98033

.... 2400- 8399 T T 228 \$A..J 8
2421 CHARLES I DOUGHTY 7 8853805
2455 VIRGINIA A HOCKETT 5 8851892
2629 LILLIAN W BURNS 8853230
2637 THOMAS KILLION 8850741
2659 ROBERT J LENNON 8852554
2836 MANSON F BACKUS II TU52078
2847 KENNETH SPAULDING 8852599
3040 PHIL E CHURCH 4 8854553
3233 THOMAS M GREEN III 8 8854862
3243 R L STEPHENSON 8852275
3400 ROBERT B HUGHES 8 8853912
3443 VICTOR C KESTER 8853631
3449 H R VANVALKENBURGH

FOLIO
7353

PERMIT NO.

DATE

1951

ADDITION **Tax Lot**

Section **29** Twp **26** Range **5** Ewm. Block **—** Lot or

Tax Lot **34** Tract

Description **W 1/2 of SE 1/4 of SE 1/4 of NE 1/4 Sec 5 1/2**
240 W 30'

OBS ONLY

3 Address of Property _____ Cont. Purchaser _____

4 Fee Owner **W. INGERSON** Architect _____ Contractor _____

6 Original Building Cost \$ _____ Owner-Tenant Occupied _____ Rental per Month \$ _____ Estimated per Month Rental \$ _____

7 Condition of Exterior _____ Interior _____ Foundation _____ Floor Plan: Good _____ Fair _____ Poor _____

BUILDING **BASEMENT** **CONSTRUCTION** **CLASS** **GROUND FLOOR PLAN** **SCALE** **_____ = _____ Ft.**

One Family Dwelling _____ Full _____ Part _____ Single _____

Two Family Dwelling _____ Part _____ Sq. Ft. _____ Double _____

No. of Stories _____ Conc. _____ Frame _____ Solid _____

No. of Rooms _____ Cement Blocks _____ Very Cheap _____

Basement _____ Floor _____ Cheap _____

1st Floor _____ Recreation Room _____ Medium _____

2nd Floor _____ Living Room _____ Good _____

Attic _____ Service Rooms _____ Special _____

INTERIOR WALLS _____ Garage _____ Pre-Fab _____

Plaster _____ Unfinished _____ **EXTERIOR WALLS** _____

Plaster Board _____ Boards & Batten _____

Plywood _____ Shiplap _____

Ceiled _____ Rustic _____

Open Studs _____ Concrete _____ Thick _____ Cedar Siding _____

Painted _____ Cement Blocks _____ Shingles _____

Papered _____ Stone or Brick _____ Shakes _____

Ceiling _____ Wood Post-Conc. Blk _____ Stucco on _____ Lath _____

Unfinished _____ **FLOOR CONSTRUCTION** _____ Brick Veneer _____

1st Floor Joists _____ X _____ Kind _____

Bridged _____ O.C. _____ Composition _____

FLOORS _____ Post & Beam _____ X _____ Stone _____ Type _____

Hardwood _____ Stud Bearing _____ X _____ Blocks _____

Fir _____ T & G _____ X _____ **CABINETS & CLOSETS** _____

Concrete _____ **CEILING HEIGHT** _____ Klt. Cabinets _____

Linoleum _____ Basement _____ X _____ Closets _____

1st Floor _____ X _____ Wardrobes _____

2nd Floor _____ X _____

3rd Floor _____ X _____

FIREPLACE No. _____ Attic _____ Low _____ High _____

Stems _____ **ROOF** _____

Bsmt. 1st 2nd _____ Shingle _____

Brick _____ Composition _____

Stone _____ Shake _____

Tile or Slate _____

Tar & Gravel _____

Built-Up _____

INTERIOR TRIM _____

Hardwood _____

Fir _____

Painted _____

Natural _____

Unfinished _____

PLUMBING _____

No. of Fixtures _____

Tub - Leg or Pem. _____

Toilets _____

Basin - Pedestal _____

Sink _____

Shower Stall _____

Hot Water Tank _____

Laundry Trays _____

None _____

Unfinished _____

Expensive _____

Good _____

Average _____

Cheap _____

HEATING _____

Stove _____

Floor Furnace _____

Cabinet Furnace _____

Pot Oil Burner _____

Pressure Oil Burner _____

Gas _____

Stoker _____

Fan _____

Air Conditioning _____

Radiant _____

Hot Water _____

Electric _____

Heat Pump _____

BUILT-INS _____

Range _____

Oven _____

Refrigerator _____

Dishwasher _____

Inter-Com. _____

Vacuum Cleaner _____

Disposal _____

ATTIC _____

Stairway _____

Open _____ Closed _____

Finished _____

Unfinished _____ Useful _____

TILE _____

LINO _____

Floor-Wall _____ Bath _____

Floor-Wall _____

Floor-Wall _____

Vanity _____

Klt. Drainboard _____

YEAR	OTHER BLDGS.	CONSTRUCTION	FLOOR	ROOF	DIMENSIONS	S.F. AREA	FACTOR	VALUE	% DEPR.	A.V.
51	WORKSHOP	SqL	CONC.	TP	24X30	720	30C	216	20	200
	Shed	SqL	DIRT	TP	10X12	120	15C	18		
	Shed	SqL	DIRT	TP	10X10	100	15C	15		

APPENDIX E

Site Reconnaissance Records

Field Checklist
Site Photographs

206-856-0923

Laundry Room
Code

Phase I Field Checklist & Photo Log

Project No.: _____

Completed By: Kyle Johnson Date: 11/1/18Site Name/Address: Kirkland Heights AptsSite Contact/Title: Max Cosey, Supervisor. No escort

Property Owner: _____

Tenant(s)/Occupant(s): _____

Site Description: Low-income Multi-family apartment complex

Past usage (if evident): _____ Past owner: _____

Areas not accessed and why? _____

Building Type and Use	#Stories	Basement?	Heating System
25 buildings	2	N/A	Electric BB
Office in Building 5			
Building 9 has townhomes + Building 17, 19, 15, 23			
Entered 1F, 1G, 3B, 3D, 5B, 5E, 7C, 8B, 8F, 9A, 9B, 11A, 12G, 17G, 18A, 20B, 20H, 25C			

☐ No buildings on the subject property

UTILITIES

Water Supply (check one)		Connected to Sewer? (check one)		Stormwater System on site?(check one)	
Well	Municipal <input checked="" type="checkbox"/>	Septic	Municipal <input checked="" type="checkbox"/>	Yes (describe) <input checked="" type="checkbox"/>	No

Notes:

ADJACENT PROPERTIES

North: Single-familySouth: Single-familyEast: Multi-family, Single-familyWest: Church, Multi-family

Conditions of Concern on Adjacent Properties:

SITE FEATURES

Feature	Yes	No	Feature	Yes	No			
Property abandoned?		X	Repair, maintenance activities	X				
Wetlands, ponds, lakes		X	Unusual odors		X			
Rivers, streams, creeks		X	Dry wells		X			
Wildlife, livestock		X	Oil-water separators		X			
Discolored/stained/disturbed soils		X	Water wells		X			
Mounding or piles of soil		X	Monitoring wells		X			
Depressions		X	Septic tanks		X			
Stressed vegetation (not due to dryness)		X	Boreholes		X			
Discolored water		X	Buried utilities					
Solid waste		X	Pits or foundations		X			
Landfills		X	Railroad spurs		X			
Trails, dead end roads		X	Lagoons, surface impoundments		X			
Stored chemicals, hazardous materials	X		Describe: <i>Various chemicals in shop.</i>					
Drums, containers		X	Describe:					
ASTs/USTs		X	Describe:					
Catch basins	X		Locations: <i>Parking lots and road</i> Stains/Odors?					
Floor drains	X		Locations: <i>Laundry room</i> Stains/Odors?					
Transformers (on-site only)		X	Pole-mounted / Pad-mounted (circle one) Labels: Condition:					
Topography/Slope								
Nearest Body of Water								
Other Site Characteristics/Conditions of Concern								
Notes:								

Visual Surveys () Not in Scope of Work	Observations	Samples
Asbestos	126 just abated. Popcorn ceilings throughout.	
Lead-based paint		
Mold	None observed	
Other		

Site Sketch

↑
North

NO SCALE



Photo 1. Building 24 on the south property boundary.



Photo 2. Building 5, which contains the leasing office.



Photo 3. The subject property as seen from Building 5.



Photo 4. Chemical and flammables storage in the on-site shop.



Photo 5. The recreation center.



Photo 6. The interior of the recreation center.



Photo 7. The exterior of the laundry building.



Photo 8. The interior of the laundry room.



Photo 9. The living room of a residential unit.



Photo 10. A bathroom of a residential unit.



Photo 11. Buildings 13, 17, and 18.



Photo 12. A playground between Building 23 and Building 16.



Photo 13. The south-adjacent properties.



Photo 14. The church to the west of the subject property.



Photo 15. The multi-family structures to the west of the subject property.



Photo 16. The multi-family structures to the northeast of the subject property.

APPENDIX F

Questionnaires

Client/User Questionnaire



CLIENT/USER QUESTIONNAIRE

This form is the **User Questionnaire**, as defined and required by ASTM E1527-13. The **User** is the party seeking to rely on the Phase I Environmental Site Assessment; this is typically **not** the current property owner. The User's responses to these questions are an important element to meeting the all appropriate inquiry rule. It is acceptable to write "Do not know."

PROPERTY ADDRESS: KH: 13310 NE 133rd St Kirkland 98034

FORM COMPLETED BY: Beth Pearson

RELATIONSHIP TO PROPERTY: Buyer

QUESTIONNAIRE

Please complete this information to the best of your knowledge.

1. Are you aware of any environmental cleanup liens against the property that are filed under federal, tribal, state, or local law? ☐ Yes ☒ No (summarize below if yes)

2. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls in place at the site and/or filed or recorded in a registry under federal, tribal, state, or local law? ☐ Yes ☐ No (if yes, summarize below)

Possible HUD regulatory agreement restricting use to
income-qualified residents

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

No Specialized Knowledge

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

If you conclude that there is a difference from fair market value, is the lower price because contamination is known or believed to be present at the property?

Client/User Questionnaire

5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional (EP) identify conditions indicative of releases or threatened releases?

For example:

Do you know the past uses of the property?

Residential use

Do you know of specific chemicals that are present or once present at the property?

No

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

No

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

No

Any other environmentally significant information?

none known

6. Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No

Signature:

Beth Pearson

Date:

10/17/2018

Please Print Name:

BETH PEARSON

Title:

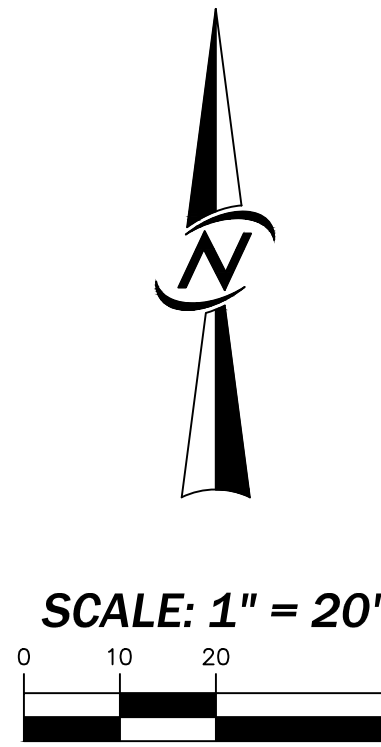
Dir. of Real Estate Initiatives

Company (if applicable):

KCFA



- PROPOSED EXCAVATOR DRILLED BORING
(40 LOCATIONS)



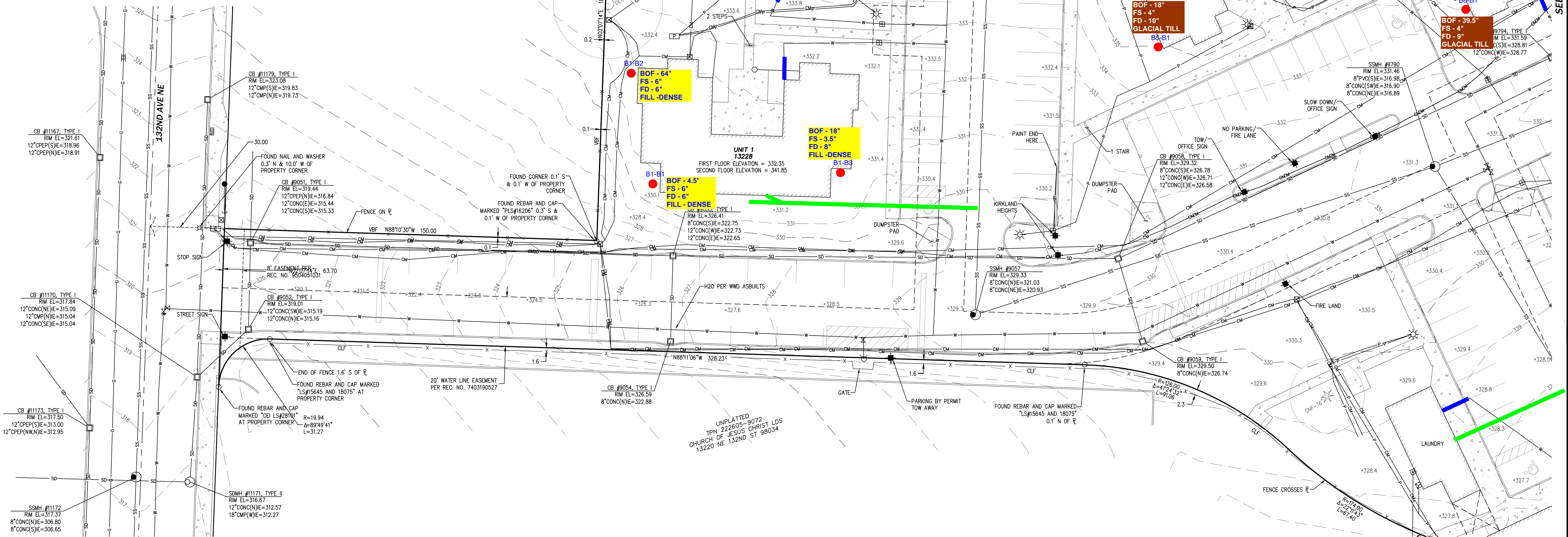
NOTES:
BOF - BOTTOM OF FOUNDATION MEASUREMENT. IT IS REFERENCED TO THE BOTTOM OF THE METAL SIDING ON THE BUILDING. BOTTOM OF THE SIDING VARIES FROM 0 TO 12 INCHES ABOVE THE GROUND SURFACE

FS - FOOTER STICKOUT FROM STEM WALL

FD - FOOTER DEPTH

MEDIUM DENSE FILL - ALLOWABLE BEARING PRESSURE 3,000 PSF

VERY DENSE GLACIAL TILL ALLOWABLE BEARING PRESSURE 5,000 PSF



DATE		DESIGNED		DRAWN		APPROVED		PROJECT NUMBER	
MARCH 19, 2021		JEREMY REEF		JEREMY REEF		ROBERT D. WEST, PLS		18221	
SHEET		2		OF		6		PROJECT NUMBER	
BOUNDARY/TOPOGRAPHIC SURVEY		KIRKLAND HEIGHTS APARTMENTS		KING COUNTY HOUSING AUTHORITY		ENGINEERING • PLANNING • SURVEYING		18221	

14711 NE 28th Place, #101
Bellevue, Washington 98007
425.885.7877 Fax 425.885.7963

DAVID M. WEST, PLS
KING COUNTY HOUSING AUTHORITY

3-18-21

SEE SHEET 6 OF 6 FOR CONTINUATION



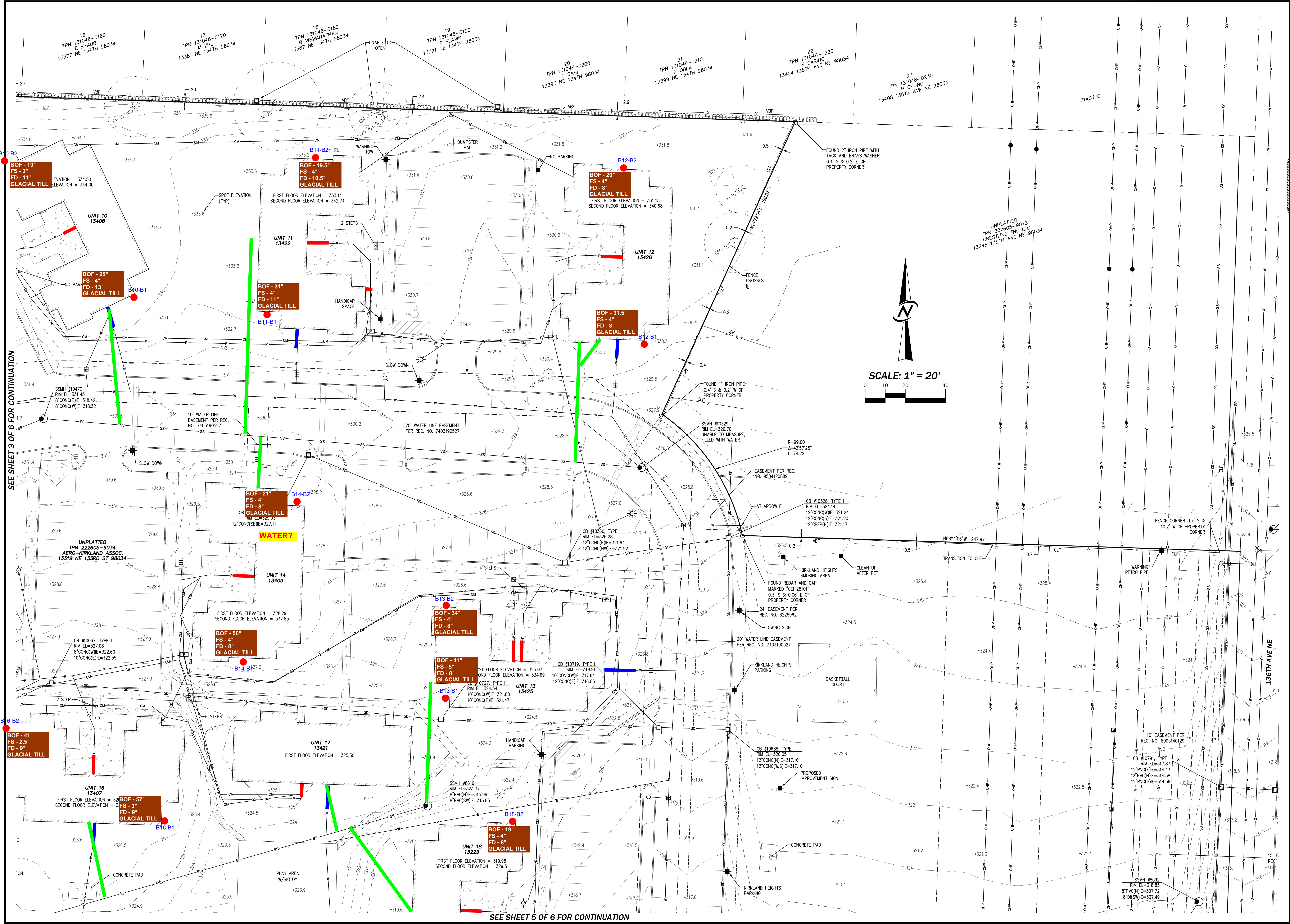
DATE		DESIGNED		DRAWN		APPROVED		PROJECT NUMBER	
MARCH 19, 2021		JEREMY REEF		JEREMY REEF		ROBERT D. WEST, PLS		18221	
SHEET		3		OF		6			
PROJECT NUMBER		18221							

BOUNDARY/TOPOGRAPHIC SURVEY
KIRKLAND HEIGHTS APARTMENTS
KING COUNTY HOUSING AUTHORITY
600 ANDOVER PARK W
SEATTLE, WA 98118

CORE DESIGN
ENGINEERING • PLANNING • SURVEYING

14711 NE 28th Place, #101
Bellevue, Washington 98007
425.885.7877 Fax 425.885.7963

DATE: MARCH 19, 2021
DESIGNED: JEREMY REEF
DRAWN: JEREMY REEF
APPROVED: ROBERT D. WEST, PLS
PROJECT MANAGER: ROBERT D. WEST, PLS



SEE SHEET 3 OF 6 FOR CONTINUATION

SEE SHEET 5 OF 6 FOR CONTINUATION

SCALE: 1" = 20'

DATE		DESIGNED		DRAWN		APPROVED		PROJECT NUMBER	
MARCH 19, 2021		JEREMY REEF		JEREMY REEF		ROBERT D. WEST, PLS		18221	
PROJECT NUMBER		SHEET		OF		PROJECT MANAGER			
4		6							

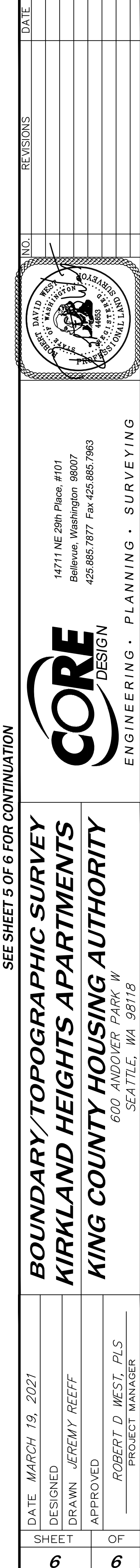
BOUNDARY/TOPOGRAPHIC SURVEY
KIRKLAND HEIGHTS APARTMENTS
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14711 NE 28th Place, #101
Bellevue, Washington 98007
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CORE DESIGN
ENGINEERING • PLANNING • SURVEYING

DAVID WEST
KING COUNTY HOUSING AUTHORITY

3-18-21



SECTION 02 41 19
SELECTIVE DEMOLITION

PART 1 GENERAL

1.1 GENERAL REQUIREMENTS

The work under this section shall conform to the requirements of Division 00 (Procurement and Contracting Requirements), Division 01 (General Requirements) -- including all General Requirements, all Supplemental/Special Requirements, and all governmental requirements, as identified in Division 00 and 01 of this Project Manual.

1.2 SUMMARY

- A. Coordinate related work specified in other parts of the Project Manual, including but not limited to following:
 - 1. 01 20 00 – Pricing and Payment Procedures
 - 2. 01 73 29 – Cutting and Patching
 - 3. 01 74 19 – Construction Waste Management
 - 4. 01 81 15 – Evergreen Sustainable Development Standards v4.0 (ESDS)
- B. Abatement of hazardous materials: The Owner has undertaken a survey and abatement of hazardous materials. Abatement of materials identified in this survey are included in the General Contract for this work. Contractor shall refer to Hazardous Material Abatement Sections in Division 2 for precautions and procedures as required by law when working with hazardous materials.

1.3 WORK INCLUDED

- A. The work of this section includes demolition and removal from the site of both interior and exterior portions of the buildings and the adjoining site, including parking areas and roadways and landscaping. Refer to the drawings for areas of work, including but not limited to the following:

EXTERIOR

- 1. Remove exterior walkways, slabs, and grade per Civil.
- 2. Remove signage, siding, trim, soffits, and building paper at exterior walls.
- 3. Remove mansard and roof framing.
- 4. Remove doors, windows and sliding glass doors.
- 5. Remove existing gutters and downspouts.
- 6. Remove electrical equipment, lighting, miscellaneous electrical wiring and raceways, conduit, fasteners, etc. – See Mechanical, Electrical, and Plumbing.
- 7. Remove hose bibs, exhaust vents, grilles, etc. per Mechanical.
- 8. Remove wood railings, decks & concrete tread/risers at building entry.
- 9. Remove unit porches and balconies.

INTERIOR

1. Remove ceilings in all units.
 2. Remove all interior gypsum wall board at walls and ceilings. Protect bearing wall, floor and ceiling structure.
 3. Remove water heaters – See Mechanical, Electrical, and Plumbing.
 4. Remove lighting, outlets, switches, and baseboard heaters – see Mechanical, Electrical, and Plumbing.
 5. Remove kitchen cabinets, plumbing fixtures, countertops, appliances and – see also Mechanical, Electrical, and Plumbing.
 6. Remove bath, fans, plumbing fixtures, accessories, vanities, cabinets/countertops – see also Mechanical, Electrical, and Plumbing.
 7. Remove unit carpet and sheet flooring throughout.
 8. Remove unit entry doors.
 9. Remove unit interior doors.
 10. Remove unit window treatments.
 11. See Also Unit Pricing in section 01 20 00 Price and Payment Procedures
- B. Coordinate related work specified in other parts of the Project Manual.
- C. Protect existing building components indicated to remain in the finished work, including utilities and the like.
- D. Salvage all material as appropriate for reuse or recycling and transport off site. Separate and dispose all other materials as waste, as appropriate, and transport off site. Verify with Owner prior to disposal of salvaged materials.
- E. Miscellaneous materials stored on first floor and basement will be removed by the Owner prior to the work of this Section.

1.4 QUALITY ASSURANCE

- A. Demolition Contractor's Qualifications:
1. Shall be "Specialist" as defined herein.
 2. Shall have minimum of five years experience in comparable demolition and salvage work.
- B. Regulatory Requirements: See referenced Codes, ordinances, and the like:
1. Health and utility departments.
 2. City and county having jurisdiction.
 3. Comply with all governing requirements and regulations.

1.5 JOB CONDITIONS

- A. Owner and residents will occupy portions of buildings near or immediately adjacent to construction area. Conduct demolition so Owner's operations will not be disrupted.
- B. Protection:
1. Erect barriers, fences, overhead protection, walkways, guard rails, chutes, shoring, and the like as necessary to protect personnel, construction to remain, and utilities remaining intact. Comply with all state and local agency requirements.
 2. Construct temporary enclosures as required to limit dust to lowest practicable level.
 3. Protect and take care not to damage existing construction indicated to remain.
- C. Maintain security of existing building and remaining systems at all times.

- D. Objectionable Noises: Limit use of air hammers and other noisy equipment as much as possible. Conform to local governing requirements regarding noise control.
- E. Maintain traffic and the following:
 - 1. Ensure minimum interference with roads, streets, common-use driveways, sidewalks, and adjacent facilities.
 - 2. Do not close or obstruct streets, sidewalks, alleys, or passageways without permission from authorities having jurisdiction.
 - 3. If required by governing authorities, provide alternate routes around closed or obstructed traffic ways.

PART 2 PRODUCTS

2.1 SALVAGE

- A. To the Owner: As selected and removed from the premises prior to commencing the work – verify. Coordinate the efforts of the Owner in allowing salvage of certain building elements.
- B. For Reuse: Material or equipment indicated for reuse shall be removed by the Contractor and safely stored as applicable, preferably on the site.
- C. To Contractor: Salvage rights to all items not removed by the Owner before construction and not specified for reuse. Remove from site at Contractor's expense.

PART 3 EXECUTION

3.1 INSPECTION

- A. Verify selective demolition to be performed.
- B. Obtain required permits and permission from local governing authorities and Owner prior to commencing work.
- C. Notify appropriate building inspector when work has begun.

3.2 PREPARATION

- A. Protect remaining work from damage.
- B. Perform demolition by methods that will protect persons, existing materials, structures, and the like.
- C. Arrange for and verify termination of utility services encountered. Include capping lines as applicable. Coordinate with work of applicable sections.

3.3 INSPECTIONS

After completion of removal, notify Owner and Architect for visual inspection of exposed components.

3.4 EXISTING LOAD CARRYING MEMBERS

Do not remove load-carrying members until temporary shoring and supporting structure is properly in place and capable of required support.

3.5 DEMOLITION

- A. Remove items scheduled to be salvaged for reuse and place in mutually agreeable storage area.
- B. Removal/demolition shall be as indicated on the drawings, and as follows:
 - 1. See drawings for areas to be demolished or to be replaced with new.
 - 2. Limit damage to adjacent areas within structure. Repair or replace entirely, as required by the Owner, at Contractor's expense, any portion of finished work damaged during demolition.
- C. Maintain weathertight condition at roof and wall areas after removal of windows, doors, roofing and flashings by installing plastic sheeting or other acceptable material to prevent rainwater infiltration.

3.6 HAZARDOUS MATERIALS.

- A. Hazardous materials are present in building to be selectively demolished. A Hazardous Materials Reports addresses the presence of hazardous materials is included in this Project Manual. Examine report to become aware of locations where hazardous materials are present.

3.7 DISPOSAL OF THOSE ITEMS THAT ARE NEITHER SAVED NOR SALVAGED.

- A. Remove demolition debris daily.
- B. Do not burn materials on site.
- C. Storage or sale of removed items or materials on-site will not be permitted.
- C. Transport demolition debris off site and dispose of legally. Maintain hauling routes clean and free of any debris resulting from work in this section.

3.8 WASTE MANAGEMENT

- A. Separate waste in accordance with the Waste Management Plan. Set aside extra materials for reuse by Owner. Materials not required by the Owner should be donated to non-profit organizations (such as Habitat for Humanity or other similar programs) where feasible.
- B. Where possible, give preference to suppliers who take back waste for re-use or recycling.
- C. Determine local options for recycling, collect all remaining unused materials by type and transport to a legitimate recycling facility.
- D. Close and tightly seal all partly used adhesive or sealant containers, and store protected in well-ventilated, fire-safe area at moderate temperature.
- E. Place used sealant tubes and near empty containers in areas designated for hazardous materials.
- F. Plan and coordinate the work of this Section to minimize the generation of waste. Reuse scraps to the maximum extent possible. Collect cut-offs and scraps and place in designated area for recycling.

END OF SECTION