



LINN COUNTY DISTRICT ATTORNEY

County Courthouse, Fourth & Broadalbin Streets
Post Office Box 100, Albany, Oregon 97321
Telephone (541) 967-3836 • FAX (541) 928-3501

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District Attorney

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CONOR MCCAHILL
ALEX OLENICK
MICHAEL PAUL
DOUGLAS R. PRINCE

Victim Services
541-967-3805



July 18, 2019

Linn County Commissioners
Attention: Ralph Wyatt
300 4th Ave., SW
Albany, OR 97321

RW
23 July 19

Dear Commissioners,

Oregon law requires that each county develop a deadly physical force plan. The plan outlines the protocol to be followed whenever deadly physical force may be used by a police officer. The plan is developed by a county wide Deadly Force Planning Committee. Procedurally, subsequent to its development, city councils and counties must approve the plan.

The Linn County Deadly Force Planning Committee met earlier this year and approved the attached updated plan. There were no substantive changes in the policies reflected in the plan. However the following changes were made to the plan:

- Statute citations were added and/or updated within the plan.
- Some section headings were re-named to better reflect the information contained in the paragraphs immediately below the headings.
- Sections within the plan were re-organized to make the plan more user-friendly.

Along with civilian representation, the Deadly Force Planning Committee is made up of members from the following agencies: Linn County Sheriff's Office, Albany Police, Lebanon Police, Sweet Home Police, and the Oregon State Police. These changes have been unanimously recommended by the members of the committee. I respectfully now seek Linn County's approval of the enclosed plan.

Sincerely,

Doug Marteeny
District Attorney – Linn County

Enc: Deadly Physical Force Plan



LINN COUNTY GENERAL SERVICES

330 Third Avenue SW Albany, Oregon 97321
Phone: (541) 967-3880 Fax: (541) 928-3517

RUSSELL WILLIAMS
Director

Date: August 6, 2019
To: Board of Commissioners
From: Russ Williams, Property Manager
RE: Sealed Bid Openings – Property Account #928166, #6466, Sale of Auction Properties and Access Agreement Between Weyerhaeuser and Linn County

Russ will appear with four items.

1. Sealed Bid Opening – Property Account #928166
 - 1.28 acre lot in Sweet Home
 - RMV: \$74,970
 - Minimum bid: \$43,857
 - Unsold at July 16, 2019 auction
2. Sealed Bid Opening – Property Account #6466
 - A one foot barrier strip
 - RMV: \$200
 - Minimum bid: None
 - The County purchased this property for \$1 on August 2, 1968
3. R&O 2019-242 Access Agreement Between Weyerhaeuser and Linn County and Delegating Authority to Execute Originals
 - The access agreement is to facilitate further environmental site assessment at the Sweet Home Mill Site. The R&O also delegates Russ Williams the authority to sign the documents.
4. R&O 2019-240 Sale of seven properties from the July 16, 2019 auction
 - #25565 – 90.17 acre forest property
 - RMV - \$35,750
 - Minimum Bid - \$115,000
 - Sold For - \$115,000
 - Sold To – Freres Timber, Inc.
 - #44699 – 38415 Century Dr. NE, Albany
 - RMV - \$145,850
 - Minimum Bid - \$58,195
 - Sold For - \$65,000
 - Sold To – James H. Newman

- #69506 – 319 Charlotte St. NE, Albany
 - RMV - \$110,540
 - Minimum Bid - \$42,250
 - Sold For - \$85,000
 - Sold To – Sharon K. Banks & Haywood A. Banks Jr.

- #111241 – 1.27 acre lot, corner of Goldfish Farm Rd. & Christopher Ave. SE, Albany
 - RMV - \$83,000
 - Minimum Bid - \$37,375
 - Sold For - \$42,000
 - Sold To – Floyd Zumwalt

- #199774 – 355 Russell St., Lebanon
 - RMV - \$63,360
 - Minimum Bid - \$13,000
 - Sold For - \$14,000
 - Sold To – William Lamear

- #271524 – 30130 Horseshoe Ln., Lebanon
 - RMV - \$102,250
 - Minimum Bid - \$44,200
 - Sold For - \$64,500
 - Sold To – Pacific Northwest Investments, LLC

- #383865 – 420 W Morton St., Lebanon
 - RMV - \$118,500
 - Minimum Bid - \$37,700
 - Sold For - \$37,700
 - Sold To – 3Lifestyle Holdings, LLC



Map #928166



LINN COUNTY, OREGON - NOT FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES

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LINN County Assessor's Summary Report

Real Property Assessment Report

FOR ASSESSMENT YEAR 2018

March 29, 2019 10:18:03 am

Account # 928166 Map # 13S01E33A0 00503 Code - Tax # 05501-928166 Legal Descr Metes & Bounds - See legal report for full description. Mailing Name LINN COUNTY Agent In Care Of C/O BOARD OF COMMISSIONERS Mailing Address PO BOX 100 ALBANY, OR 97321	Tax Status NONASSESSABLE Acct Status ACTIVE Subtype NORMAL Deed Reference # 2015-16029 Sales Date/Price 10-01-2015 / \$0 Appraiser GARTON, JOSHUA
--	--

Prop Class	950	MA	SA	NH	Unit
RMV Class	100	04	03	003	66397-1

Situs Address(s)		Situs City		Value Summary		RMV Exception	CPR %
Code Area		RMV	MAV	AV			
05501	Land	74,970			Land	0	
	Impr.	0			Impr.	0	
Code Area Total		74,970	63,020	63,020		0	
Grand Total		74,970	63,020	63,020		0	

Land Breakdown										
Code Area	ID#	RFPD	Ex	Plan Zone	Value Source	TD%	LS	Size	Land Class	Irr Class
05501	1	<input checked="" type="checkbox"/>			Market	102	A	1.28		
Grand Total								1.28		

Improvement Breakdown										
Code Area	ID#	Yr Built	Stat Class	Description	TD%	Total Sq. Ft.	Ex%	MS Acct #	Trended RMV	
Grand Total						0			0	

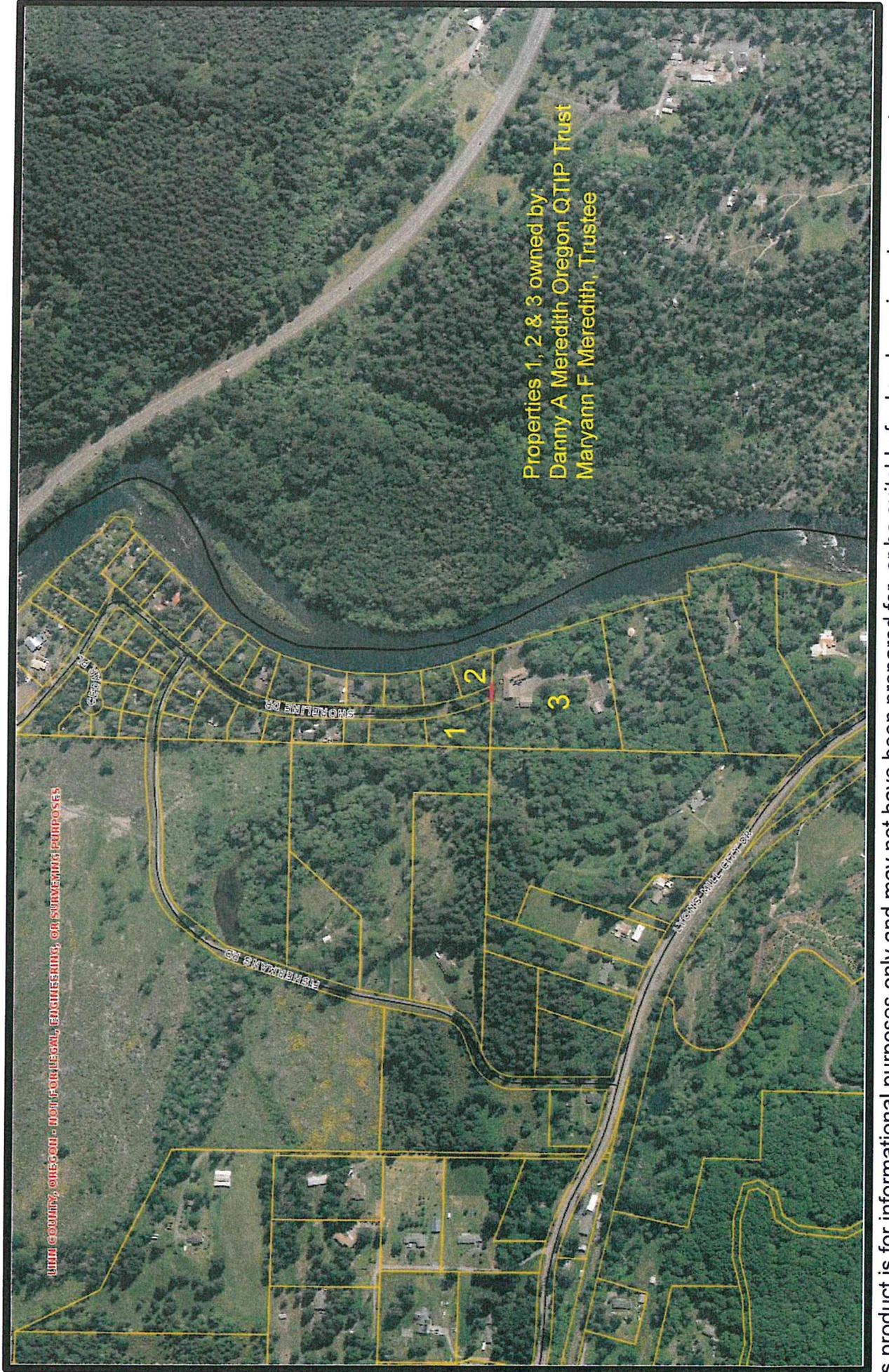
Code Area		Exemptions/Special Assessments/Potential Liability								
Type										
NOTATION(S):										
■ COUNTY GOVERNMENT ORS 307.090 ADDED 2018 STATE										

Comments:

***** CAP NOTE - Type J *****
 EV2008-180: PartiPlat 2008-29; segs 261400, making one new acct, 928166,SQ 5/08
 ***** CAP NOTE - Type R *****
 For 09MX, land needs recalc for completion of EV 2008-180...SQ 5/13/08
 (Note: est NV outbldg may be partly on this lot, see aerial)
 9/22/08: Did set land for recalc & verified 9/23/08 outbldg is NV (see photo)SQ
 Listing noted 3/19/2008 \$180,000 MLS 593114
 ***** CAP NOTE - Type X *****
 EV2008-180: PartiPlat 2008-29:
 For 2008, LandMAV allocated/balance via RMV of land of two accounts, SQ 5/13/08
 Due for recalc 2009
 2017: Updated PC for NA. 9/17-JG



Map #6466



CLATSOP COUNTY, OREGON - NOT FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES

Properties 1, 2 & 3 owned by:
Danny A Meredith Oregon QTIP Trust
Maryann F Meredith, Trustee

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LINN County Assessor's Summary Report

Real Property Assessment Report

FOR ASSESSMENT YEAR 2018

August 1, 2019 11:28:22 am

Account # 6466
 Map # 09S02E26AD 00300
 Code - Tax # 12704-6466

Tax Status NONASSESSABLE
 Acct Status ACTIVE
 Subtype NORMAL

Legal Descr See Record

Mailing Name LINN COUNTY

Deed Reference # See Record

Agent

Sales Date/Price See Record

In Care Of

Appraiser UNKNOWN

Mailing Address PO BOX 100
 ALBANY, OR 97321

Prop Class 950 MA SA NH Unit
 RMV Class 400 05 00 000 621-1

Situs Address(s)		Situs City			
Code Area	RMV	MAV	Value Summary AV	RMV Exception	CPR %
12704 Land Impr.	200 0			Land Impr.	0 0
Code Area Total	200	200	200		0
Grand Total	200	200	200		0

Code Area	ID#	RFPD	Ex	Plan Zone	Value Source	Land Breakdown			Trended RMV
						TD%	LS	Size	
12704	1		<input checked="" type="checkbox"/>		Reserve Strip	100	S	1.00	200
Grand Total								1.00	200

Code Area	ID#	Yr Built	Stat Class	Description	Improvement Breakdown			Total Sq. Ft.	Ex% MS Acct #	Trended RMV	
Grand Total										0	0

Code Area	Type	Exemptions/Special Assessments/Potential Liability
NOTATION(S): ■ COUNTY GOVERNMENT ORS 307.090 ADDED 2018 STATE		

ACCESS AGREEMENT BETWEEN

Linn County

AND

Weyerhaeuser Company

FACILITY NAME: Former Willamette Industries Mill Site– Sweet Home

ADDRESS: 2210 Tamarack Street
Sweet Home, OR 97386

1. Linn County (“Owner”) and the Weyerhaeuser Company (“Weyerhaeuser”) enter into this Access Agreement (“Agreement”) to facilitate the environmental site assessment of the property located at 2210 Tamarack Street, Sweet Home, Oregon (“Subject Property”), 13S01E290002200 and 13S01E29CC01100 as shown in Exhibit A. The site assessment work will be done pursuant to the “Sampling and Analysis Plan, Former Willamette Mill Site, Sweet Home” (Sampling and Analysis Plan) as approved by the Oregon Department of Environmental Quality (DEQ), and which is attached as Exhibit B.
2. Owner gives permission, to the extent of its possessory interest in the Subject Property and premises and appurtenances at the Subject Property, to Weyerhaeuser and its officers, agents, authorized representatives, employees, and contractors to enter the Subject Property for the purpose of carrying out actions authorized by the Sampling and Analysis Plan and in accordance with the terms of this Agreement.
3. Weyerhaeuser’s actions at the Subject property will be those identified in the Sampling and Analysis Plan, including the following:
 - a. Sampling, monitoring, and inspecting air, surface water, groundwater, sediment, and/or soil;
 - b. Sampling and inspecting other materials suspected of containing a hazardous substance;
 - c. Installing, using and maintaining monitoring equipment;
 - d. Constructing one or more groundwater monitoring wells, groundwater extraction wells, soil borings, test pits and/or excavations, if appropriate;
 - e. Maintaining any monitoring well or extraction well installed by Weyerhaeuser on the Subject Property in accordance with Oregon Administrative Rules (OAR) Chapter 690, Division 240; and
 - f. Photographing or videotaping portions of the Subject Property and structures, objects, and materials at the Subject Property as necessary to facilitate environmental investigations or remedial measures.
4. All tools, equipment, and/or other property brought upon the Subject Property by or at Weyerhaeuser’s direction remain Weyerhaeuser’s property.

5. When Weyerhaeuser determines that continued access to the Subject Property is unnecessary, or upon expiration or termination of this Agreement, whichever is earlier, Weyerhaeuser will abandon any wells installed by Weyerhaeuser on the Subject Property in accordance with OAR 690-240-135, remove all tools, equipment, improvements, and any other materials brought upon the Subject Property, and restore the surface condition of areas disturbed by Weyerhaeuser activities to a condition equivalent to the condition existing before Weyerhaeuser's activities, unless waived in writing by the Owner. Except with the written consent of the Owner, no waste or materials generated by Weyerhaeuser's sampling or other activities may be disposed or discharged at the Subject Property.
6. Weyerhaeuser will coordinate its activities with Owner, to prevent, to the maximum extent reasonably practicable, any impairment of access by customers or business invitees of Owner on the Subject Property and any inconvenience to or disruption of Owner's business on the Subject Property due to Weyerhaeuser's activities.
7. Weyerhaeuser will provide Owner at least 3 business days written notice before undertaking any sampling or other investigation activity at the Subject Property. Except in an emergency, Weyerhaeuser will provide Owner at least 30 calendar days' written notice before commencing any excavation or construction at the Subject Property. To the maximum extent reasonably practicable, Weyerhaeuser will coordinate and schedule all activities authorized under this Agreement that might disrupt or interfere with the use of the Subject Property, through:

<u>Owner:</u>	Name:	Russ Williams Linn County Property Management
	Address:	330 3 rd Ave. SW PO Box 100 Albany, OR 97321
	Telephone:	541-967-3807
	Fax:	541-928-3517
	E-mail:	rwilliams@co.linn.or.us

8. Weyerhaeuser will comply with all applicable federal, state, and local laws at all times while on the Subject Property and, subject to ORS 465.315(3), secure all necessary permits and authorizations in connection with the activities conducted on the Subject Property under this Agreement and the Sampling and Analysis Plan. Owner agrees to cooperate fully with Weyerhaeuser as necessary for Weyerhaeuser to obtain necessary permits and authorizations. Weyerhaeuser will perform all activities under this Agreement in a manner that will not cause contamination or exacerbate contamination existing at the Subject Property.
9. Owner may observe Weyerhaeuser while Weyerhaeuser is undertaking activities at the Subject Property; provided that any observer must have health and safety training consistent with the requirements of the Health and Safety Plan for Weyerhaeuser's activities. Upon request, Weyerhaeuser will provide Owner and, if applicable, Tenant a copy of available test data, final sample results and analysis reports, toxicity evaluations and other written reports of any description that arise from Weyerhaeuser's activities at the

Subject Property. To the extent any such records may be exempt from further disclosure by Owner under the Oregon Public Records Law, Owner shall not disclose such records without first informing Weyerhaeuser. Weyerhaeuser shall clearly mark documents it believes to be exempt from disclosure as "Confidential."

10. Nothing in this Agreement constitutes an admission of liability by the Owner regarding any release of hazardous substances at or from the Subject Property. Nothing in this Agreement constitutes a release of or waiver of any claims Owner may assert against Weyerhaeuser regarding any release of hazardous substances at or from the Subject Property.
11. Weyerhaeuser shall be responsible for any damage to real or personal property caused in connection with Weyerhaeuser's activities or omissions under this Agreement.
12. Weyerhaeuser agrees to defend, indemnify, and hold harmless the County from and against, and reimburse the County for, any and all actual or alleged claims, damages, expenses, costs, fees, fines, and/or penalties which may be imposed upon or claimed against or incurred by the County and that arise from any of the following, unless resulting from the County's gross negligence or willful misconduct: the acts or omissions of Weyerhaeuser or Weyerhaeuser's partners, directors, officers, employees, contractors or subcontractors, invitees, or agents under this Agreement, or any breach, violation or nonperformance of any of Weyerhaeuser's obligations under this Agreement.
13. The Insurance requirements set forth below do not in any way limit the amount or scope of liability of Weyerhaeuser under this Agreement. The amounts listed indicate only the minimum amounts of insurance coverage the County is willing to accept to help insure full performance of all terms and conditions of this Agreement.
 - a. On or before the Commencement Date and thereafter for the duration of this Agreement, Weyerhaeuser shall provide the County with current certificates of insurance, executed by a duly authorized representative of each insurer, as evidence of all insurance policies required under this Section. No insurance policy may be canceled, materially revised, or non-renewed without at least thirty (30) days prior written notice being given to the County. Insurance must be maintained without any lapse in coverage for the duration of this Agreement. Insurance allowed to lapse without the County's consent shall be deemed a Default under this Agreement.
 - b. Weyerhaeuser shall maintain an occurrence form commercial general and automobile liability insurance policy or policies for the protection of Weyerhaeuser and the County insuring Weyerhaeuser against liability for damages because of personal injury, bodily injury, death, or damage to property, including loss of use thereof, and occurring on or in any way related to this Agreement or occasioned by reason of operations of the Weyerhaeuser on or from the Premises or in connection with the Work under this Agreement in an amount no less than \$2 million (TWO MILLION DOLLARS).
 - c. Weyerhaeuser and its contractor(s) shall maintain contractor's pollution liability insurance insuring against sudden and accidental claims for environmental damage

resulting from Weyerhaeuser's and its contractor's work performed while on the site under the Agreement in an amount no less than \$2 million (TWO MILLION DOLLARS) for each claim and in aggregate.

- d. Weyerhaeuser shall keep in force Workers' Compensation insurance for all Weyerhaeuser's employees and subject workers, including coverage of no less than \$500,000 (FIVE HUNDRED THOUSAND) for Employer's Liability. If Weyerhaeuser is a qualified self-insured employer, a copy of Weyerhaeuser's Certificate of Compliance and a certificate of insurance evidencing excess workers' compensation and employer's liability insurance shall be forwarded to County upon execution of this Agreement.
 - e. All insurance policies (except workers' compensation) shall name the County and its employees as additional insureds. These policies shall be primary and not seek any contribution from any insurance or self-insurance carried by the County, and shall be written on an occurrence basis, except that any policies written on a claims made basis shall be kept in effect for no less than three (years) after the termination of this Agreement.
14. The County makes no warranty, guarantee, or averment of any nature whatsoever concerning the physical condition of the Site, and it is agreed that the County will not be responsible for, and Weyerhaeuser hereby releases the County, its employees, agents and contractors from, any loss, damage, or costs that may be incurred by Weyerhaeuser by reason of any such physical condition.
 15. The County shall have no liability to Weyerhaeuser for, and Weyerhaeuser hereby releases the County from, any loss, damage or injury suffered by Weyerhaeuser on account of theft or any act or omission of any third party. In addition, in all events whether relating to the foregoing sentence or otherwise, the County shall only be liable to Weyerhaeuser for the County's own willful misconduct or gross negligence, to the extent of actual, but not consequential, damages. Weyerhaeuser hereby waives any other rights or remedies to which it might otherwise be entitled pursuant to applicable statutory or common law.
 16. This Agreement may be assigned by Owner. If Owner makes such an assignment, it will notify Weyerhaeuser in writing. This Agreement will be binding upon and inure to the benefit of the Parties' respective representatives, successors, and assigns. Paragraph 12 and 13 of this Agreement and any other rights or obligations of the Parties under this Agreement that by their nature are continuing rights and obligations survive assignment, expiration, or termination of this Agreement.
 17. This Agreement represents the complete Agreement between the Parties with respect to the subject matter hereof. No modification or waiver of any provision of this Agreement is binding unless made in writing and signed by both parties.
 18. The term of this Agreement is two years from the date of the last signature below except that if Weyerhaeuser determines that continued access is no longer necessary under Section 5 then this Agreement shall terminate upon completion of all activities under Section 5 and Weyerhaeuser's providing written notification of termination to the Owner. Without limiting

any other rights of the Owner under this Agreement or at law or in equity, the Owner may immediately terminate this Agreement, at any time, in writing, for Weyerhaeuser's Default or in the absence of a Default, with ten (10) business days advance written notice. As used herein, the term "Default" shall mean the violation of any provision or this Agreement by Weyerhaeuser. Upon notice of termination, Weyerhaeuser shall immediately discharge those obligations as set forth in Section 5 above, and vacate the Subject Property. In the event of Weyerhaeuser's Default, the Owner shall have all remedies available at law or in equity.

19. If a suit, action, or other proceeding of any nature whatsoever is instituted in connection with any controversy arising out of this Agreement or to interpret or enforce any rights or obligations hereunder, the prevailing party shall be entitled to recover attorney fees and all other fees, costs, and expense actually incurred in connection therewith, including at any hearing, trial, on any appeal or any petition for review, in addition to all other amounts provided by law.
20. This Agreement shall be governed and construed according to the laws of the State of Oregon. Venue shall be Linn County.
21. By their signatures below, each party to this Agreement represents they have authority to sign this agreement and bind their respective parties.

Owner:

Weyerhaeuser Company:

COPY

Signature: _____

Russ Williams
Linn County Property Manager
Linn County Property Management Department
PO Box 100
Albany, OR 97321

Carol Wiseman
Remediation Project Manager
Weyerhaeuser NR Company
220 Occidental Ave South
Seattle, WA 98104

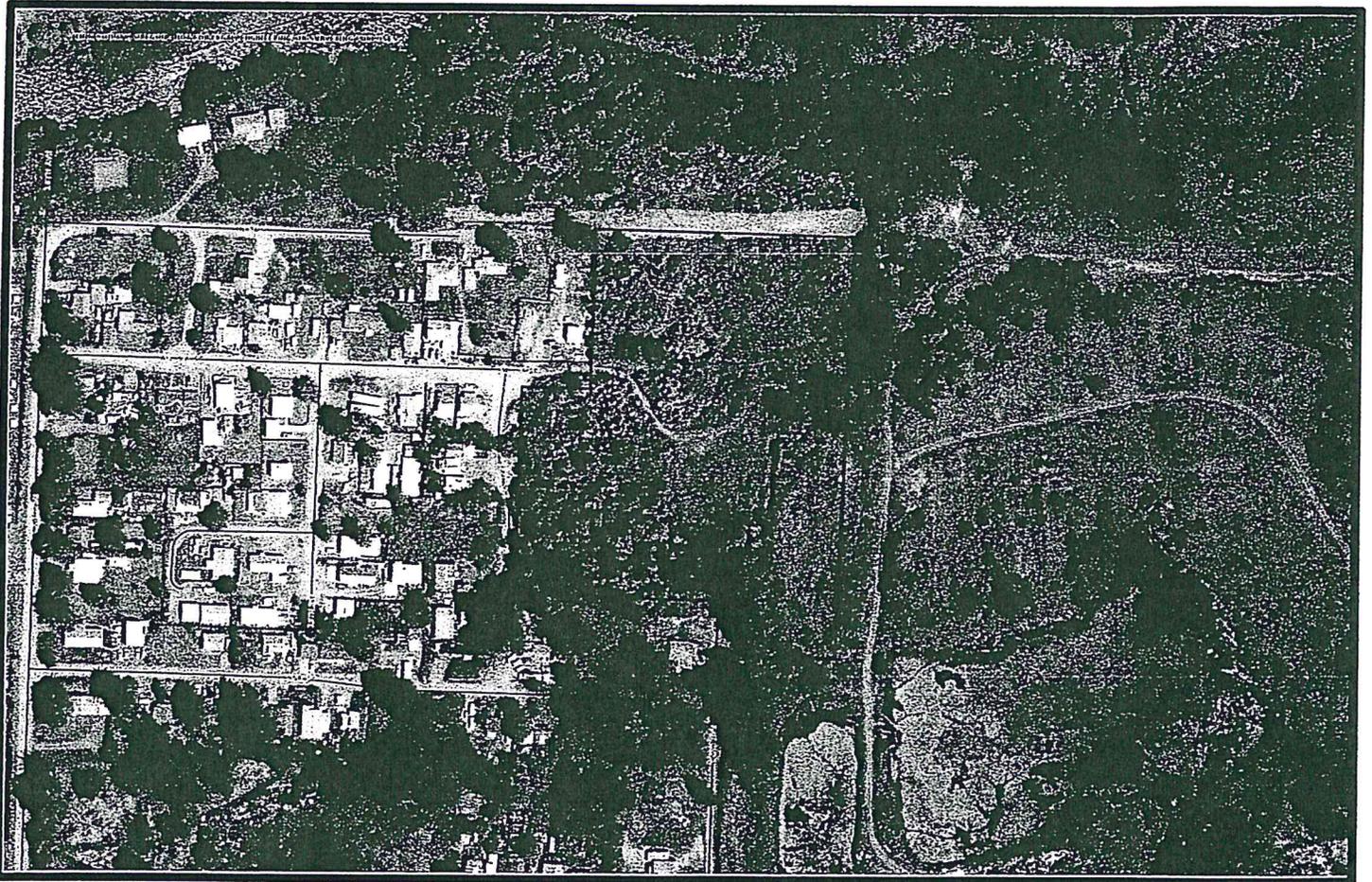
Date: _____

Date: _____

EXHIBIT A



13S01E29CC01100



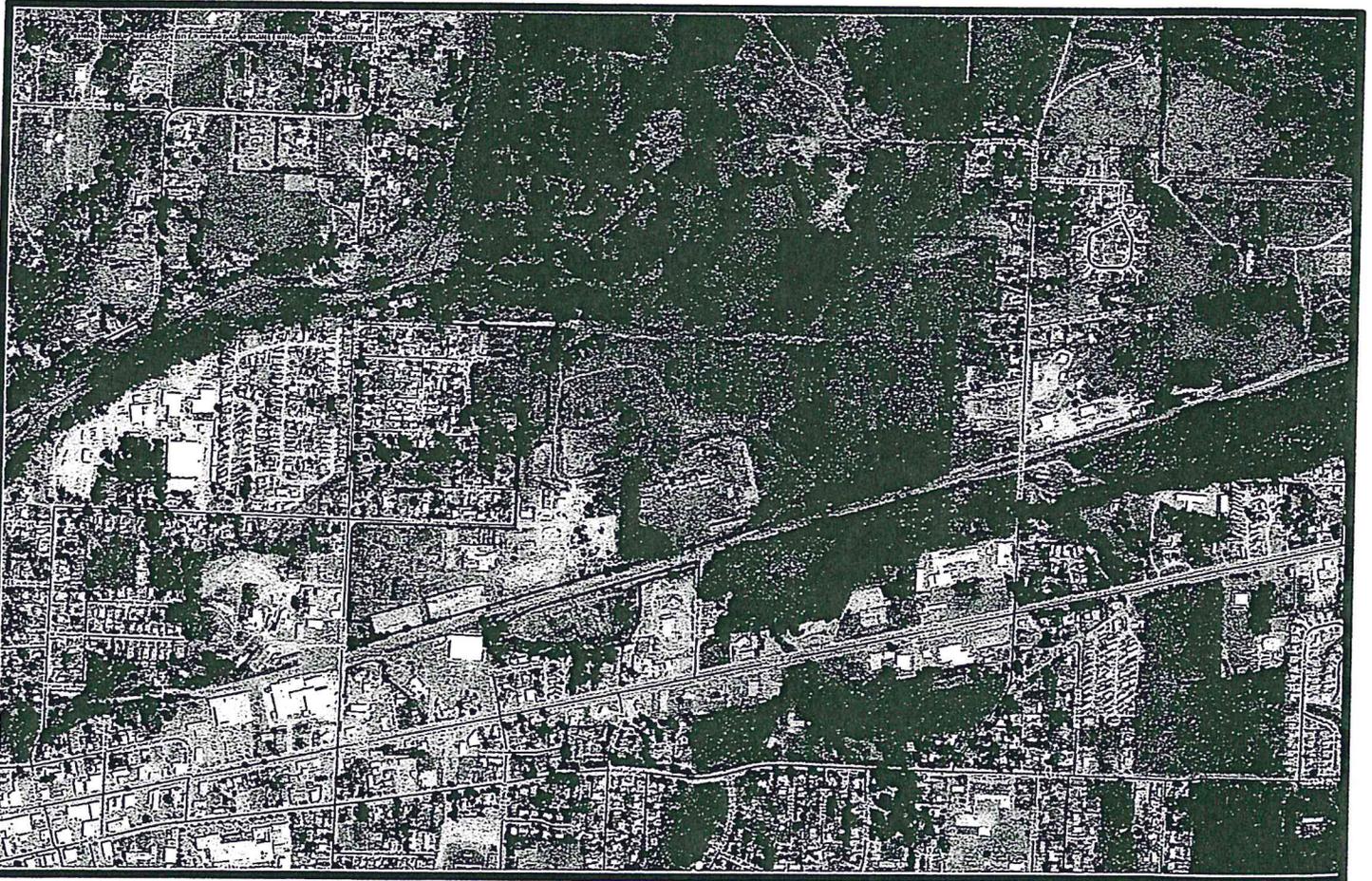
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Exhibit 1

Pg 6 of 42

EXHIBIT A

13S01E290002200



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Exhibit 1
Pg 7 of 42

Sampling and Analysis Plan

Former Willamette Mill Site, Sweet Home

ESCI #347

2019

Prepared for



Weyerhaeuser

Prepared by



GSI Water Solutions, Inc.

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1 Introduction

BACKGROUND

The Site is located at 2210 Tamarack Street in Sweet Home, Oregon and was operated from 1934 through 1994 (Geosyntec, 2017). The Site is identified by DEQ as Environmental Cleanup Site Information (ECSI) No. 347. The former Willamette Industries property currently consists of about 154 acres of industrial land located between the South Santiam River and the former Morse Brothers gravel quarry to the north, residential properties to the east and west, and a Union Pacific Railroad (UPRR) track line to the south. About 45 acres of the larger property (called the Site in this document) was historically used for lumber and plywood manufacturing and City of Sweethome (City) stormwater conveyance, which is where environmental impacts to soil, sediment and groundwater are most likely to have occurred. The remaining portions of the property were only historically used for wood storage or were unused. Figure 1 shows the property limits and existing monitoring well locations.

Willamette Industries produced a variety of wood products at the property until 1994. In 1994, Willamette Industries began leasing portions of the property for use by others for milling operations. In 2001, Willamette Industries donated the property to WSRLT. In 2007 and 2008, WSRLT demolished a number of buildings on the property while improperly managing asbestos materials. In 2009, the U.S. Environmental Protection Agency (EPA) supervised the cleanup of asbestos containing materials that posed a threat to the public at the property. However, asbestos materials undisturbed during demolition or in stable condition remain at the property. In late 2010, Linn County took ownership of the property. In December 2017, Weyerhaeuser entered into a Voluntary Cleanup Agreement (VCA) with DEQ to evaluate specific environmental risks at the Site.

Additional samples will be collected from monitoring wells to establish background concentrations in the surrounding area. Samples of surface water, sediments, soils, and biota may also be collected as part of the project.

2 Field Schedule and Sampling Summary

The field work described in this SAP will occur in 2019 and 2020. The following tasks may be performed:

- Collect groundwater samples from Site monitoring wells.
- Collect samples of sediments, surface water and biota from the former log ponds as needed to support a risk assessment.
- Stormwater samples may be collected from an outfall that conveys stormwater runoff into a pond in the south east area of the former mill.

All samples will be hand transported to the Apex Laboratory in Tualatin, Oregon. Laboratory analyses will have a standard turn-around time.

3 Health and Safety

The field personnel conducting the work will ensure safe practices and operating conditions are maintained during the field investigation. The field crews will comply with HAZWOPER regulations under 29 Code of Federal Regulations (CFR) 1910.120. A safety briefing at the beginning of the field work will be performed.

4 Monitoring Well Sampling

Wells will be sampled for this field event. Well logs are provided in Appendix A. The collection of monitoring well samples will consist of three steps:

1. Measurement of static water level in the two wells to be sampled
2. Well purging and monitoring for field parameter stabilization and low-flow sampling
3. Water quality sample collection

The subsections below outline the procedures for each of the three steps.

4.1 Static Water Level Measurements

Groundwater levels will be measured manually immediately before groundwater sampling. The wells will be uncapped and allowed to equilibrate with atmospheric pressure before measurement of groundwater levels. The water level in each well then will be measured from the top of casing location using an electronic water level meter to the nearest 0.01 foot. Electronic water level meter will be decontaminated between each well per Section 9.

4.2 Monitoring Well Sampling Procedures

Groundwater samples will be collected at monitoring wells on Site as shown on Figure 1. Equipment used for groundwater sampling will consist of a peristaltic pump, well-dedicated high-density polyethylene (HDPE) purge tubing, and a flow-through cell with field water quality parameter sensors (i.e., YSI 556 multiparameter instrument). Groundwater purging and parameter measurement techniques to be used are described as follows:

1. Calibrate field meters daily according to factory instructions and record results in instrument calibration logs.
2. Open well cap and measure the water depth to the nearest 0.01 foot using an electronic water level meter (per Section 4.1). Record depth to water measurement and the time of measurement on the groundwater sampling form.
3. Insert purge tubing in the well to the middle of the water column. Connect purge tubing to the pump and begin purging water into a bucket until the initial high turbidity slug of water passes.
4. Connect tubing to the flow-through cell and begin purging, typically at a rate of approximately 250 milliliters per minute, but no more than 1 liter per minute. Record the purge rate and changes to the purge rate.
5. Field parameters will be measured using a flow-through cell equipped with quality parameter sensors (i.e., YSI 556 meter). Monitor pH, temperature, conductivity, ORP, DO,

and turbidity and record readings at regular intervals (e.g., 2-liter purge interval or 5 minutes). Record parameter measurement on the groundwater sampling form (Appendix B)

6. Purging will be considered complete only after one of the following purge conditions is met:
 - Low-flow sampling: parameters have stabilized (Table 1) and water level drawdown is controlled in accordance with EPA low-flow purging and sampling procedures (EPA, 1996, 2010a).
 - In the event that low flow sampling cannot be achieved a sample will be collected after one of the following conditions are met:
 - A minimum of three well volumes have been removed and successive field parameter measurements agree with the stability criteria presented in Table 1. Water level drawdown cannot be controlled.
 - At least five well volumes have been removed, although field parameter stabilization criteria cannot be attained.
 - The well has been pumped dry and allowed to recover sufficiently such that adequate sample volumes can be collected within 24 hours of the initial well purging.
7. Record the final groundwater parameters before beginning sample collection. Parameter stabilization should be based on three consecutive measurements taken 5 minutes apart.
8. Disconnect purge tubing from flow-through cell. Fill laboratory prepared bottles directly from purge tubing, as outlined in the analytical summary (Table 2). All bottles will be filled according to laboratory and sample method instructions. Samples will be placed in an iced cooler after collection.
9. Purge water will be stored in DOT-approved 55-gallon drums, labeled, stored onsite in a secure location, and managed as described in Section 8.

Purge tubing used during groundwater sampling will be dedicated to a single monitoring well and placed in a sealed zip-lock bag and labeled with the well ID for reuse during potential future sampling. All non-dedicated equipment will be decontaminated per Section 9.

5 Stormwater Sampling

Stormwater samples may be collected from an outfall that conveys stormwater runoff into a pond in the south east area of the former mill. Techniques to be used to collect the stormwater sample are:

1. Calibrate field meters daily according to factory instructions, with calibration results recorded on calibration forms.
2. A location-dedicated stainless steel container (decontaminated per Section 9) will be affixed to an extension rod. The beaker will be lowered to the end-of-pipe inlet to collect grab sample. Hold the stainless steel container so the opening faces upstream (into the flow of water from the culvert).
3. Carefully transfer the stormwater into laboratory prepared bottles, as outlined in the analytical summary (Table 2). Take care to only place sampling equipment (i.e., stainless

steel container) on a clean surface between filling laboratory prepared bottles. Samples will be placed on ice in a cooler after collection.

4. After all the laboratory bottles have been filled, fill the stainless steel beaker with stormwater and place a water parameter sensor (i.e., YSI 556 meter) inside. Monitor pH, temperature, conductivity, ORP, DO, and turbidity, and record readings as soon as they stabilize.
5. Rainfall information will be collected using precipitation data for the area, and flowrates from the culvert will be estimated by measuring the depth of water above the bottom of the culvert.

6 Sample Handling, Documentation, and Transport

Samples will be traceable from the time of collection through laboratory and data analysis. To ensure samples collected are traceable, the procedures described in this section will be followed.

6.1 Field Logbook and Forms

The field activities and observations will be noted in a field logbook or applicable field forms. The following site activity records will be documented in the field logbook or field form:

- Sample information, including station ID, date/time of collection, type of sample, and description (only applicable when field form is not used)
- Names of visitors, their association, and purpose of visit
- Any changes that occur at the Site (e.g., personnel, responsibilities, deviations from the SAP) and the reasons for such changes

Field logbook and field forms entries will be written clearly with enough detail so that participants can reconstruct events later, if necessary. Field logbooks will be bound, with consecutively numbered pages, and removal of any pages is prohibited. Unbiased, accurate language will be used and entries will be made while activities are in progress or as soon afterward as possible. Field logbook corrections will be made by drawing a single line through the original entry allowing the original entry to be legible. Corrections will be initialed and the corrected entry will be written alongside the original. When field activities are complete, the field logbook will be retained in the project file at GSI's Portland, Oregon, office.

Field forms (e.g., groundwater sampling form) will be completed for activities that are not described in the field logbook and kept in the project file at GSI's Portland, Oregon, office. Depending on the activity, the type of field data form, and the information recorded on it may vary. Sample field forms are provided in Appendix B.

6.2 Sample Containers, Preservation, and Holding Times

Samples will be placed directly in the appropriate sample containers. Sample containers and preservatives, as well as coolers and packing material, will be supplied by the laboratory. Commercially available pre-cleaned jars will be used and the laboratory will maintain a record of certification from the suppliers. Sample containers will be labeled clearly at the time of sampling. Labels will include the project name, sample ID, analysis to be performed, date, and time.

6.3 Sample Identification and Labeling

During sample collection, a unique code will be assigned to each sample as part of the data record. Station IDs are listed in the Table 2. The ID code will indicate the sample type, sampling location, and level of duplication. The first component of the sample ID will contain an abbreviation for the sample type followed by the station ID or monitoring well number, with leading zeros used for stations for ease of data management and correct sorting. The following abbreviations for sample types are listed below. Additional codes may be adopted, if necessary, to reflect sampling needs.

- MW = monitoring well sample
- DDW = downgradient drinking water sample
- UDW = upgradient drinking water sample
- SW = stormwater sample

For field duplicate samples, sequential numbers starting at 50 will be assigned and integrated with the station ID number of the original sample. The sample type code (e.g., SW or MW) will correspond to the sample type for which the field duplicate sample was collected. Additionally, the month and year will be added to the sample ID.

Examples of sample IDs are offered below:

- Groundwater Samples
 - MW-02_1217: groundwater sample collected in December 2017 from monitoring well MW-2.
 - MW-56_1217: duplicate groundwater sample collected in December 2017 from monitoring well MW-6.

6.4 Chain-of-Custody Procedures

Samples are in custody if they are in the custodian's view, stored in a secure place with restricted access, or placed in a container secured with custody seals. A COC record will be signed by each person who has custody of the samples and will accompany the samples at all times. Copies of the COC will be included in contract laboratory reports and attached to the RI Report. When transferring sample custody, the COC will be signed, dated, and the time of transfer will be noted on the form.

The original COC form will be transported with the samples to the selected contract laboratories. Upon receipt, the laboratory sample custodian will inventory the samples by comparing sample labels to those on the COC document. The custodian will enter the sample number into a laboratory tracking system by project code and sample designation. The custodian will assign a unique laboratory number to each sample and will be responsible for distributing the samples to the appropriate analyst or for storing samples in an appropriate secure area.

The laboratories will maintain COC procedures internally and when samples are shipped to subcontracted laboratories or during shipment between laboratories.

6.5 Sample Packaging and Shipping

The laboratory will supply sample coolers and packing materials for each sampling event. Upon completion of the final sample inventory, samples will be packed in a cooler. Glass jars will be

packed to prevent breakage and separated in the shipping container by bubble wrap or other shock-absorbent material. Ice in sealed plastic bags will be placed in the cooler to maintain a temperature of approximately 4 degrees Celsius (°C). Alternatively, dry ice may be used to expedite cooling if recommended by the laboratory.

When the cooler is full, the COC form will be placed into a re-sealable bag and taped onto the inside lid of the cooler. A temperature blank will be added to each cooler. Coolers will be transported to the contract laboratory by lab courier or overnight shipping service. These packaging and shipping procedures are in accordance with DOT regulations as specified in 49 CFR 173.6 and 49 CFR 173.24.

7 Investigation Derived Waste Management

Groundwater from Site monitoring wells produced during sampling activities will be contained in DOT-approved 55-gallon drums stored onsite. Drums will be stored on the Site pending receipt of analytical groundwater results. IDW will be presumptively labeled as non-hazardous waste based on historical sampling results and waste determinations. A final hazardous waste determination will be performed using the available groundwater data to evaluate the proper disposal method of drums. Representative samples will be collected, as needed, for disposal at an approved facility. GSI will coordinate proper disposal. An inventory of stored IDW will be maintained.

All disposable materials used in sample collection and processing, such as paper towels and gloves, will be placed in heavyweight garbage bags or other appropriate containers. Disposable supplies will be placed in a normal refuse container for disposal at a solid waste landfill.

8 Equipment Decontamination Procedures

Equipment that comes in direct contact with samples, such as water level meters and stainless steel containers, will be decontaminated in the following manner at the beginning of the sampling event, between use at each location, and at the end of the sampling event:

- Wash with brush and Liquinox or other phosphate-free detergent.
- Rinse with tap water.
- Rinse with deionized water.
- When dry, cover decontaminated equipment with aluminum foil for temporary storage and/or transport, if applicable.

To minimize sample contamination, gloves will be replaced after handling each sample, as appropriate.

9 References

- ASTM. 2000. ASTM Standard D2488, 2000. Standard Practice for Description and Identification of Soils (Visual-Manual Procedure). American Society for Testing and Materials, West Conshohocken, PA. D2488-00.
- Ecology. 2004. Guidelines for Preparing Quality Assurance Project Plans for Environmental Studies. Environmental Assessment Program. Washington Department of Ecology Publication No. 04-03-030, Rev. Pub. No. 01-03-003. July 2004.
- EPA. 1996. Low-Flow (Minimal Drawdown) Ground-water Sampling Procedures. Prepared by Robert Puls and Michael Barcelona. United States Environmental Protection Agency (EPA). Office of Research and Development - Office of Solid Waste and Emergency Response. EPA/540/S-95/504. Ground Water Issue. April 1996.
- EPA. 2002. Guidance on Environmental Data Verification and Validation. U.S. Environmental Protection Agency (EPA).
- EPA. 2008. EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review. U.S. Environmental Protection Agency (EPA), Office of Superfund Remediation and Technology Innovation. USEPA 540-R-08-01. June.
- EPA. 2010a. Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells. Prepared by Quality Assurance Unit. U.S. Environmental Protection Agency (EPA) – Region 1. EQASOP-GW001. Region 1 Low-Stress (Low-Flow) SOP Revision Number 3. Date July 30, 1996. Revised: January 19, 2010.
- EPA. 2010b. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review. U.S. Environmental Protection Agency (EPA), Office of Superfund Remediation and Technology Innovation. USEPA 540-R-10-011. January.

Figure and Tables

Table 1. Summary of Monitoring Well Screen Intervals

Former Willamette Mill Site, Sweet Home

Monitoring Well ID	Top of Screen (BGS) (ft)	Bottom of Screen (BGS) (ft)
MW-01	4	14
MW-02	3	13.5
MW-03	4.5	15
MW-04	4.5	15
MW-05	4.5	15
MW-06	4.5	14.5
MW-07	6.5	12
MW-08	4.5	15
MW-09	5	10
MW-10	4	14

Notes

1. All wells have a 2" sch 40 PVC 0.01" slotted pre-packed screen supplemented with 10/20 silica filter pack.
2. Screens extend to the bottom of the well

Samples to be collected from shaded wells

Table 2. Groundwater Field Parameter Stabilization Goals
 Former Willamette Mill Site, Sweet Home

Parameter	Units	Stabilization Goals ¹
pH	standard units	± 0.1
Temperature	°C	± 0.2
Specific Conductivity	µmhos/cm	± 5% (SC ≤ 100) ± 3% (SC > 100)
Dissolved Oxygen	mg/L	± 0.3
ORP	mV	± 10 ⁻²
Turbidity	NTU	10 % for values greater than 5 NTU; if three values are less than 5 NTU, consider the values as stabilized. ²

Notes

1. Stability criteria obtained from USGS National Field Manual for the Collection of Water Quality Data: Chapter A4, Collection of Water Samples (USGS, 2006).
 2. Stability criteria from the US Environmental Protection Agency (EPA) Region 1. Standard Operating Procedure for Low-Stress (low-flow) Purging and Sampling from Monitoring Wells (EPA, 2010). Available from <http://www.epa.gov/region1/lab/qa/pdfs/EQASOP-GW001.pdf>
- ORP = oxidation reduction potential

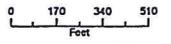


FIGURE 1
Potential Sample Location Map
Sweet Home, OR

LEGEND

◆ Monitoring Well

Taxlot



Date: December 11, 2017
 Data Source: Esri 2017, Geosyntec, 2017;
 ALO, 2017.



Appendix A

Monitoring Well Logs

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		
0	Black-brown, medium dense, moist, silty GRAVEL; many wood fragments			Surface completion: 8" Morris Monument						GM	
0-5	becomes siltier			Casing Seal, granular bentonite (<1/2 50lb bag) 2" Sch 40 PVC well casing		MW1-3-4 @1231			0.0		no sheen
5	Dark gray, stiff, moist, SILT; occasional gravel, some wood								0.0	ML	sight sheen
5-10	becomes firm					MW1-6-7 @1242			100		no sheen
10	Gray, stiff, wet, fine sandy SILT			2" sch 40 PVC 0.01" slotted well screen, pre-pack, supplemented with 10/20 silica sand filter pack					0.0	ML	no sheen
10-15	Dark gray, medium dense, wet, silty medium SAND; occasional fine rounded gravel								50		no sheen
15	Orange, stiff, moist, clayey SILT; oxidized and bedded			slough					0.0	SM	no sheen
15	Light gray, stiff, moist, clayey SILT; bedded, some fine wood pieces								100	ML ML	no sheen
15	End of boring, install monitoring well.										

BORING LOG W/ WELL SONIC (PORTLAND) PNG0687 W.G.P.J. PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water NORTHING
EQUIPMENT AMS PowerProbe 9500-VTR EASTING
DRILL MTHD Direct Push ANGLE Vertical
DIAMETER 4" BEARING —
LOGGER E Dunbar REVIEWER C Bartlett PRINTED 08/17/17

REMARKS: Tag ID: L123517.
Exhibit 1
COORDINATE SYSTEM: Pg 23 of 42
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS	
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)			
	No sample (asphalt at surface with base course gravel)			Surface completion: 8" Morris Monument								
				Casing Seal, granular bentonite (<1/4 50lb bag) 2" Sch 40 PVC well casing								no recovery
5	Dark gray-black, stiff, moist, SILT; many pieces of wood								0		ML	no sheen
	Gray, stiff, moist, fine to medium sandy SILT								0.0		ML	no sheen
	Dark gray, medium dense, moist, silty medium to coarse SAND; occasional fine, rounded to angular gravel			2" sch 40 PVC 0.01" slotted well screen, pre-pack, supplemented with 10/20 silica sand filter pack					100	0.0	SM	no sheen
10												no sheen
	Gray, medium dense, wet, silty gravel; rounded to sub-rounded			slough					0.0		GM	no sheen
15									50			
	End of boring, install monitoring well											

BORING LOG W/ WELL SONIC (PORTLAND) PNG0687 W.G.P.J. PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water NORTHING
EQUIPMENT AMS PowerProbe 9500-VTR EASTING
DRILL MTHD Direct Push ANGLE Vertical
DIAMETER 4" BEARING
LOGGER E Dunbar REVIEWER C Bartlett PRINTED 08/17/17

REMARKS: Tag ID: L108572. Concrete cored by Fine Line and additionally by PSW. No soil samples collected, core removed and logged.

COORDINATE SYSTEM:
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

Exhibit 1
Pg 24 of 42

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				COMMENTS	
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		USCS Classification
	Topsoil with some wood pieces			Surface completion: 8" Morris Monument						TOPSOIL	no sheen
	Brown, loose, moist, silty fine rounded GRAVEL; some medium sand			Casing Seal, granular bentonite (<1/4 50lb bag)				0.0		GM	no sheen
	Brown to dark brown, stiff, moist SILT; orange mottling			2" Sch 40 PVC well casing				90		ML	no sheen
5	Dark gray, stiff, moist, SILT; some wood pieces, some fine rounded gravel, trace organics							0.0		GM	no sheen
	Gray, dense, wet, sandy silty GRAVEL; coarse rounded to subrounded			2" sch 40 PVC 0.01" slotted well screen, pre-pack, supplemented with 10/20 silica sand filter pack				0.0		GM	no sheen
10								80			no sheen
	Drive point, no soil collected.							100			no sheen
	End of boring, install monitoring well.										Well installed at depth using drive point.

BORING LOG W/WELL SONIC (PORTLAND) PNG0687 M.G.P.J. PNW DEFAULT GINT LIBRARY.GLB 9/7/17

CONTRACTOR Pacific Soil & Water NORTHING
EQUIPMENT AMS PowerProbe 9500-VTR EASTING
DRILL MTHD Direct Push ANGLE Vertical
DIAMETER 4" BEARING
LOGGER E Dunbar REVIEWER C Bartlett PRINTED 09/07/17

REMARKS: Tag ID: L123518. No soil sampled, core removed and logged.
Exhibit 1
COORDINATE SYSTEM:
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS
Pg 25 of 42

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		
	Brown-gray, medium dense, moist, silty GRAVEL; subrounded to angular coarse gravel			Surface completion: 8" Morris Monument Casing Seal, granular bentonite (<1/4 50lb bag)						GM	
5	Brown-gray, very stiff, moist to wet, sandy SILT -becomes firm, orange mottling (4.5-5.5')			2" Sch 40 PVC well casing		MW4-3.5-4.0 @1539		95		ML	
	Black, medium dense, wet, WOOD; some sand and silt					MW4-7-8 @1521		0.0		OR	waxy
	Brown-gray, firm, wet, sandy SILT					MW4-8-9 @1527		0.0		ML	no sheen
10	Brown-gray, medium dense, wet, silty GRAVEL; rounded to subrounded, multi-color gravel, some coarse sand			2" sch 40 PVC 0.01" slotted well screen, pre-pack, supplemented with 10/20 silica sand filter pack				60		GM	no sheen
15	End of boring, install monitoring well							60			

BORING LOG W/WELL SONIC (PORTLAND) PNG0687 WJ.GPJ PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water NORTHING
EQUIPMENT AMS PowerProbe 9500-VTR EASTING
DRILL MTHD Direct Push ANGLE Vertical
DIAMETER 4" BEARING —
LOGGER E Dunbar REVIEWER C Bartlett PRINTED 08/17/17

REMARKS: Tag ID: L108569.

COORDINATE SYSTEM:
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

Exhibit 1
Pg 26 of 42

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS	
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)			
0	2" pilot hole using a drive point; followed with 4" casing to 14.8' (refusal); no soil collected.			Surface completion: 8" Morris Monument Casing Seal, granular bentonite <1/4 50lb bag) 2" Sch 40 PVC well casing								
5												
10				2" sch 40 PVC 0.01" slotted well screen, pre-pack, supplemented with 10/20 silica sand filter pack								
	End of boring, install monitoring well.											

BORING LOG WWELL_SONIC (PORTLAND) PNG0687 M.G.P.J. PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water	NORTHING
EQUIPMENT Geoprobe 6600	EASTING
DRILL MTHD Direct Push	ANGLE Vertical
DIAMETER 4"	BEARING
LOGGER E Dunbar	REVIEWER C Bartlett
	PRINTED 08/17/17

REMARKS: Tag ID: L108574. No soil sampled, no core logged.

EXHIBIT 1

COORDINATE SYSTEM: Pg 27 of 42

SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		
	Asphalt			Surface completion: 8" Morris Monument						ASPHALT	
	FILL (Angular gravel, base course)								0.0	FILL	no sheen
	Dark gray, stiff, moist, SILT; some fine gravel			Casing Seal, granular bentonite (<1/4 50lb bag)		MW6-1.5-2.5 @0925			0.0	ML	no sheen
	Gray, dry, angular coarse gravel, broken rock			2" Sch 40 PVC well casing				75	0.0	GW	no sheen
5	Brown-gray, medium dense, wet, silty GRAVEL									GM	
						MW6-7-8 @0940			0.0		no sheen
10	Drive point, no soil collected.			2" sch 40 PVC 0.01" slotted well screen, pre-pack, supplemented with 10/20 silica sand filter pack				60	0.0		no sheen
15	End of boring, install monitoring well.			slough							

BORING LOG W/ WELL SONIC (PORTLAND) PNG0687 W.GPJ PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water	NORTHING
EQUIPMENT Geoprobe 6600	EASTING
DRILL MTHD Direct Push	ANGLE Vertical
DIAMETER 4"	BEARING
LOGGER E Dunbar	PRINTED 08/17/17
REVIEWER C Bartlett	

REMARKS: Tag ID: L108569. Concrete cored by Fine Line and PSW.

COORDINATE SYSTEM: _____

SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

Exhibit 1

Pg. 28 of 42

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		
0	2" pilot hole using a drive point to 11' (refusal); followed with 4" casing to 11.7' (refusal); no soil collected.			Surface completion: 8" Morris Monument Casing Seal, granular bentonite (<1/4 50lb bag) 2" Sch 40 PVC well casing 2" sch 40 PVC 0.01" slotted well screen, pre-pack, supplemented with 10/20 silica sand filter pack							
5											
10											
11.7	Refusal, install monitoring well.										
15											

BORING LOG W/ WELL SONIC (PORTLAND) PNG0687 WJ.GPJ PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water **NORTHING**
EQUIPMENT Geoprobe 6600 **EASTING**
DRILL MTHD Direct Push **ANGLE** Vertical
DIAMETER 4" **BEARING** ---
LOGGER E Dunbar **REVIEWER** C Bartlett **PRINTED** 08/17/17

REMARKS: Tag ID: L108573. Concrete cored by Fine Line. No soil sampled, no core logged.

Exhibit 1
 Pg. 29 of 42

COORDINATE SYSTEM:
 SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS	
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)			
0	2" pilot hole using a drive point to 15'; followed with 4" casing to 14.8' (refusal); no soil collected.			Surface completion: 8" Morris Monument Casing Seal, granular bentonite (<1/4 50lb bag) 2" Sch 40 PVC well casing								
5								0				
10				2" sch 40 PVC 0.01" slotted well screen, pre-pack, supplemented with 10/20 silica sand filter pack				0				
	Refusal, install monitoring well.							0				

BORING LOG W/ WELL SONIC (PORTLAND) PNG0687 V1.GPJ PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water NORTHING
EQUIPMENT Geoprobe 6600 EASTING
DRILL MTHD Direct Push ANGLE Vertical
DIAMETER 4" BEARING —
LOGGER E Dunbar REVIEWER C Bartlett PRINTED 08/17/17

REMARKS: Tag ID: L108575. No soil sampled, no core logged.
Exhibit 1
COORDINATE SYSTEM: Pg. 30 of 42
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				COMMENTS		
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		USCS Classification	
0	TOPSOIL (brown, dry, stiff, silt)			Surface completion: 8" steel Morris monument set in 16" diameter concrete pad Haliburton 3/8" bentonite chips (1/2 50lb bag)						TOPSOIL		
0-5	Red-brown, dry, stiff, SILT; oxidized orange sand, occasional gray mottling					MW9-2.0 @1109			0.1		ML	no sheen
5-10	Dark gray, wet, medium dense, silty SAND			2" sch 40 PVC well casing					100	0.2	SM GM	no sheen
10-15	Dark gray, wet, medium dense, silty GRAVEL; angular to rounded gravel <1.5", some medium sand			2" sch 40 PVC 0.01" slotted well screen, pre-pack supplemented with 10/20 silica sand (3/4 50lb bag)		MW9-7.0 @1115			60	0.2		no sheen
15-20	Light gray, dry, hard, clayey SILT; weak, fine bedding, occasional black lenses <1/8", some Mn nodules			slough		MW9-11.0 @1120			100	0.1	ML	no sheen
20	Refusal; end of boring, install monitoring well.											

BORING LOG W/WELL SONIC (PORTLAND) PNG0687 VI.GPJ PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water
EQUIPMENT Geoprobe 6600
DRILL MTHD Direct Push
DIAMETER 4"
LOGGER E Dunbar

NORTHING
EASTING
ANGLE Vertical
BEARING
PRINTED 08/17/17

REVIEWER C Bartlett

REMARKS: Tag ID: L125435.

COORDINATE SYSTEM:
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

Exhibit 1
Pg. 31 of 42

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		
0	Asphalt			Surface completion: 8" steel Morris monument set in 14" square concrete pad Haliburton 3/8" bentonite chips (1/2 50lb bag)						ASPHALT GM	
0-5	Brown, dry, loose, silty GRAVEL; occasional boulder			2" sch 40 PVC well casing		MW10-3.0 @1239		60	1.0	ML	no sheen
5-10	Dark brown, moist, firm, sandy SILT; occasional gravel			2" sch 40 PVC 0.01" slotted well screen, pre-pack supplemented with 10/20 silica sand (1/2 50lb bag)		MW10-6.0 @1247		40	0.0	ML	no sheen
10-15	Dark brown, moist, stiff, SILT; occasional gravel					MW10-12.0 @1258		50	0.3	GM	no sheen
15-20	Dark gray, moist, medium dense, silty GRAVEL			slough				60	0.0		no sheen
20	End of boring, install monitoring well.										

BORING LOG WWELL SONIC (PORTLAND) PNG0687 W.GPJ_PNW.DEFAULT.GINT_LIBRARY.GLB 8/17/17

CONTRACTOR	Pacific Soil & Water	NORTHING	
EQUIPMENT	Geoprobe 6600	EASTING	
DRILL MTHD	Direct Push	ANGLE	Vertical
DIAMETER	4"	BEARING	---
LOGGER	E Dunbar	REVIEWER	C Bartlett
		PRINTED	08/17/17

REMARKS: Tag ID: L125436.

Exhibit 1

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COORDINATE SYSTEM:
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

Appendix B Field Forms

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				COMMENTS	
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		USCS Classification
	TOPSOIL (brown, dry, stiff, silt)			Surface completion: 8" steel Morris monument set in 16" diameter concrete pad						TOPSOIL	
	Red-brown, dry, stiff, SILT; oxidized orange sand, occasional gray mottling			Haliburton 3/8" bentonite chips (1/2 50lb bag)		MW9-2.0 @1109		0.1		ML	no sheen
5	Dark gray, wet, medium dense, silty SAND			2" sch 40 PVC well casing				100	0.2	SM GM	no sheen
	Dark gray, wet, medium dense, silty GRAVEL; angular to rounded gravel <1.5", some medium sand			2" sch 40 PVC 0.01" slotted well screen, pre-pack supplemented with 10/20 silica sand (3/4 50lb bag)		MW9-7.0 @1115		60	0.2		no sheen
10	Light gray, dry, hard, clayey SILT; weak, fine bedding, occasional black lenses <1/8", some Mn nodules			slough		MW9-11.0 @1120		100	0.1	ML	no sheen
	Refusal; end of boring, install monitoring well.										

BORING LOG W/WELL SONIC (PORTLAND) PNG0687 WJ.GPJ PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water
 EQUIPMENT Geoprobe 6600
 DRILL MTHD Direct Push
 DIAMETER 4"
 LOGGER E Dunbar

NORTHING
 EASTING
 ANGLE Vertical
 BEARING
 PRINTED 08/17/17

REMARKS: Tag ID: L125435.

Exhibit 1

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COORDINATE SYSTEM:
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

GS FORM:
CORE3 10/00

BOREHOLE LOG

DEPTH (ft)	MATERIAL DESCRIPTION	SYMBOLIC LOG	WELL LOG	WELL CONSTRUCTION MATERIAL	ELEVATION (ft)	SAMPLES				USCS Classification	COMMENTS
						SAMPLE NAME	TYPE	% RECOVERY	PID READING (ppm)		
0	Asphalt Brown, dry, loose, silty GRAVEL; occasional boulder			Surface completion: 8" steel Morris monument set in 14" square concrete pad Haliburton 3/8" bentonite chips (1/2 50lb bag)						ASPHALT GM	
3	Dark brown, moist, firm, sandy SILT; occasional gravel					MW10-3.0 @1239		60	1.0	ML	no sheen
5				2" sch 40 PVC well casing		MW10-6.0 @1247				ML	no sheen
7	Dark brown, moist, stiff, SILT; occasional gravel			2" sch 40 PVC 0.01" slotted well screen, pre-pack supplemented with 10/20 silica sand (1/2 50lb bag)				40	0.0	ML	no sheen
10	Dark gray, moist, medium dense, silty GRAVEL					MW10-12.0 @1258				GM	no sheen
15								50	0.3		no sheen
20	End of boring, install monitoring well.			slough				60	0.0		no sheen

BORING LOG W/WELL SONIC (PORTLAND) PNG0687 W.G.F.J. PNW DEFAULT GINT LIBRARY.GLB 8/17/17

CONTRACTOR Pacific Soil & Water
EQUIPMENT Geoprobe 6600
DRILL MTHD Direct Push
DIAMETER 4"
LOGGER E Dunbar

NORTHING
EASTING
ANGLE Vertical
BEARING
PRINTED 08/17/17

REVIEWER C Bartlett

REMARKS: Tag ID: L125436.

Exhibit 1

38 42

COORDINATE SYSTEM:
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

Appendix C

Sampling Field Log

After Recording Return to:

Freres Timber, Inc.
PO Box 276
Lyons, OR 97358

Send Tax Statements To:

Freres Timber, Inc.
PO Box 276
Lyons, OR 97358

STATUTORY QUITCLAIM DEED

LINN COUNTY, a political subdivision of the State of Oregon, Grantor, releases and quitclaims to Freres Timber, Inc., Grantee, all right, title and interest in and to the following described real property situated in Linn County, Oregon:

Map: 10S-05E-0000, TL 600

Account # 25565

Forest Tract #1 (Detroit Lake Tract) Lot 3 and the northeast quarter (NE¼) of the southwest quarter (SW¼) of Section 18, Township 10 South, Range 5 East, Willamette Meridian, Linn County, Oregon.

Purchaser will assume responsibility for immediate reforestation of the property in accordance with all requirements of the state of Oregon Forest Practices Act including but not limited to site preparation, reforestation planting and release spraying if necessary

This conveyance is subject to any easements of record.

The true and actual consideration for this transfer is \$ 115,000.00.

This conveyance is made pursuant to an Order of the Board of County Commissioners dated and recorded at the volume and page of the County Commissioners Journal as stated below.

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010.

IN WITNESS WHEREOF, LINN COUNTY, OREGON, the Grantor above named, has caused this Deed to be executed by its Board of County Commissioners this ____ day of _____, 2019.

Roger Nyquist, Chairperson

John K. Lindsey, Commissioner

William C. Tucker, Commissioner

State of Oregon)
) ss.
County of Linn)

This instrument was acknowledged before me on _____, 2019, by _____
_____ as Commissioners of the Board of County Commissioners for
Linn County.

Notary Public for Oregon
My Commission expires: _____

After Recording Return to:
William Lamear
115 5th St.
Silverton, OR 97381

Send Tax Statements To:
William Lamear
115 5th St.
Silverton, OR 97381

STATUTORY QUITCLAIM DEED

LINN COUNTY, a political subdivision of the State of Oregon, Grantor, releases and quitclaims to William Lamear, Grantee, all right, title and interest in and to the following described real property situated in Linn County, Oregon:

Map: 12S-2W-14CD, TL 1200

Account # 199774

Lot 5, Block 1, Morgan Sub division, Lebanon, Linn County, Oregon.

This conveyance is subject to any easements of record.

The true and actual consideration for this transfer is \$ 14,000.00.

This conveyance is made pursuant to an Order of the Board of County Commissioners dated and recorded at the volume and page of the County Commissioners Journal as stated below.

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010.

IN WITNESS WHEREOF, LINN COUNTY, OREGON, the Grantor above named, has caused this Deed to be executed by its Board of County Commissioners this ____ day of _____, 2019.

Roger Nyquist, Chairperson

John K. Lindsey, Commissioner

William C. Tucker, Commissioner

State of Oregon)
) ss.
County of Linn)

This instrument was acknowledged before me on _____, 2019, by _____
_____ as Commissioners of the Board of County Commissioners for
Linn County.

Notary Public for Oregon
My Commission expires: _____

ORDER #2019-240
Map: 12S-2W-14CD, TL 1200

DATE: _____
Account # 199774

DOCUMENT NUMBER: _____

After Recording Return to:
3Lifestyle Holdings LLC
PO Box 3208
Albany, OR 97321

Send Tax Statements To:
3Lifestyle Holdings LLC
PO Box 3208
Albany, OR 97321

STATUTORY QUITCLAIM DEED

LINN COUNTY, a political subdivision of the State of Oregon, Grantor, releases and quitclaims to 3Lifestyle Holdings LLC, Grantee, all right, title and interest in and to the following described real property situated in Linn County, Oregon:

Map: 12S-2W-10AB, TL 7201

Account # 383865

The description of the real property to be affected is: The west one-half of the following described property: Beginning on the South line of Morton Street 231.5 feet East of the Northeast corner of Block 1, Mountain View Addition to the City of Lebanon, Linn County, Oregon; running thence East along the South line of Morton Street 120 feet to an iron stake; thence South 129 feet; thence West 120 feet to the west line of that certain tract of land conveyed to Virgil Sylvester and wife by Wm. A. Dibble and wife, by deed recorded April 5, 1940, in Deed Book 151, Page 438, Deed Records; thence North 129 feet to the place of beginning.

This conveyance is subject to any easements of record.

The true and actual consideration for this transfer is \$ 37,700.00.

This conveyance is made pursuant to an Order of the Board of County Commissioners dated and recorded at the volume and page of the County Commissioners Journal as stated below.

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010. THIS INSTRUMENT DOES NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY THAT THE UNIT OF LAND BEING TRANSFERRED IS A LAWFULLY ESTABLISHED LOT OR PARCEL, AS DEFINED IN ORS 92.010 OR 215.010, TO VERIFY THE APPROVED USES OF THE LOT OR PARCEL, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES, AS DEFINED IN ORS 30.930, AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 195.300, 195.301 AND 195.305 TO 195.336 AND SECTIONS 5 TO 11, CHAPTER 424, OREGON LAWS 2007, SECTIONS 2 TO 9 AND 17, CHAPTER 855, OREGON LAWS 2009, AND SECTIONS 2 TO 7, CHAPTER 8, OREGON LAWS 2010.

IN WITNESS WHEREOF, LINN COUNTY, OREGON, the Grantor above named, has caused this Deed to be executed by its Board of County Commissioners this _____ day of _____, 2019.

Roger Nyquist, Chairperson

John K. Lindsey, Commissioner

William C. Tucker, Commissioner

State of Oregon)
) ss.
County of Linn)

This instrument was acknowledged before me on _____, 2019, by _____
_____ as Commissioners of the Board of County Commissioners for
Linn County.

Notary Public for Oregon
My Commission expires: _____

ORDER #2019-240
Map: 12S-2W-10AB, TL 7201

DATE: _____
Account # 383865

DOCUMENT NUMBER: _____