

# Environmental Inventory Report

Project Name: FEMA Mitigation Grant Management  
Project Location: Pendleton and Adams, Oregon

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## Table of Contents

<b>1</b>	<b>INTRODUCTION .....</b>	<b>1</b>
1.1	Project Location.....	1
<b>2</b>	<b>BACKGROUND .....</b>	<b>1</b>
<b>3</b>	<b>ASSESSMENT OF ENVIRONMENTAL CONDITIONS .....</b>	<b>1</b>
3.1	73499 Sampson Lane - Johanne Moore Property .....	2
3.1.1	Structures .....	2
3.1.2	Wells .....	2
3.1.3	Septic Tanks.....	2
3.1.4	Utilities.....	2
3.1.5	Fences .....	2
3.1.6	Debris/Rubbish.....	2
3.2	73479 Sampson Lane - Holt Property .....	2
3.2.1	Structures .....	2
3.2.2	Wells .....	2
3.2.3	Septic Tanks.....	2
3.2.4	Utilities.....	2
3.2.5	Fences .....	2
3.2.6	Debris/Rubbish.....	2
3.3	Jeremy Moore Property – 49587 River Road .....	3
3.3.1	Structures .....	3
3.3.2	Wells .....	3
3.3.3	Septic Tanks.....	3
3.3.4	Utilities.....	3
3.3.5	Fences .....	3
3.3.6	Debris/Rubbish.....	3
3.4	Hall Property – 49591 River Road .....	4
3.4.1	Structures .....	4
3.4.2	Wells .....	4
3.4.3	Septic Tanks.....	4
3.4.4	Utilities.....	4
3.4.5	Fences .....	4
3.4.6	Debris/Rubbish.....	4
3.5	Hendrickson Property – 49683 River Road.....	5
3.5.1	Structures .....	5
3.5.2	Wells .....	5
3.5.3	Septic Tanks.....	5
3.5.4	Utilities.....	5
3.5.5	Fences .....	5
3.5.6	Debris/Rubbish.....	5
3.6	Obornik Property – 52153 Cayuse Road .....	6
3.6.1	Structures .....	6
3.6.2	Wells .....	6
3.6.3	Septic Tanks.....	6

3.6.4	Environmental Conditions .....	6
3.6.5	Utilities.....	6
3.6.6	Fences .....	7
3.6.7	Debris/Rubbish.....	7
3.7	Caldwell Property – 52277 Cayuse Road.....	7
3.7.1	Structures .....	7
3.7.2	Wells .....	7
3.7.3	Septic Tanks.....	7
3.7.4	Environmental Conditions .....	7
3.7.5	Utilities.....	8
3.7.6	Fences .....	8
3.7.7	Debris/Rubbish.....	8
3.8	Beers Property – 53017 Cayuse Road.....	8
3.8.1	Structures .....	8
3.8.2	Wells .....	9
3.8.3	Septic Tanks.....	9
3.8.4	Utilities.....	9
3.8.5	Fences .....	9
3.8.6	Debris/Rubbish.....	9
<b>4</b>	<b>DECOMMISSIONING OF DOMESTIC WELLS .....</b>	<b>10</b>
<b>5</b>	<b>DECOMMISSIONING OF SEPTIC TANKS .....</b>	<b>10</b>
<b>6</b>	<b>DEBRIS REMOVAL IN AND NEAR UMATILLA RIVER .....</b>	<b>11</b>
6.1	Gabion Baskets at Hendrickson Property.....	11
6.2	Concrete Ecoblocks on Caldwell Property .....	11
<b>7</b>	<b>ENVIRONMENTAL CONDITIONS .....</b>	<b>12</b>
7.1	Diesel ASTs at Obornik Property .....	12
7.2	Former Heating Oil Tank at Caldwell Property .....	12
7.3	Burn Piles .....	12
<b>8</b>	<b>UNANTICIPATED DISCOVERY OF CONTAMINATED MATERIALS .....</b>	<b>13</b>
<b>9</b>	<b>PERMITTING AND FEES .....</b>	<b>13</b>
9.1	Stream Zone Alteration Permits .....	13
9.2	Well Decommissioning Permits.....	13
<b>10</b>	<b>LIMITATIONS AND CLOSURE .....</b>	<b>13</b>

## **Supporting Data**

### **Drawing Sheets**

Sheet 1 – Johanne Moore & Holt Properties  
Sheet 2 – Jeremy Moore & Hall Properties  
Sheet 3 – Hendrickson Property  
Sheet 4 – Obornik Property  
Sheet 5 – Caldwell Property  
Sheet 6 – Beers Property

### **APPENDICES**

Appendix A – General Site Inventory  
Appendix B – Well Logs  
Appendix C – Building Department Records and Permit Applications (Including Septic Systems)  
Appendix D – Site Photographs



## **1 INTRODUCTION**

This Environmental Inventory Report was prepared for the Wenaha Group on behalf of the Confederated Tribes of the Umatilla Indian Reservation (CTUIR). This report is intended to provide information relevant to preparation of cost estimates or bids by contractors for site restoration work at various properties effected by flooding of the Umatilla River in Pendleton and Adams, Oregon (the Project Site).

### **1.1 Project Location**

The project site consists of sixteen non-contiguous tax lots located along the south bank of the Umatilla River in Pendleton and Adams, Oregon (Drawing Sheets 1 through 6).

## **2 BACKGROUND**

PBS understands that the CTUIR has received preliminary funding approval from the Federal Emergency Management Agency's (FEMA's) Hazard Grant Mitigation Program (HGMP) to develop full applications for the acquisition of properties and demolition of structures damaged in a flood of the Umatilla River.

To develop the full application for funding, the CTUIR must complete appraisals, surveys and property evaluations for the acquisition of sixteen assessor's parcels (tax lots) belonging to eight different property owners (some property owners own multiple contiguous parcels). Additionally, the CTUIR must obtain cost estimates for property surveys, the demolition of all structures and unnatural debris, septic tank/system decommissioning and the abandonment of 12 domestic water supply wells. Following completion and FEMA approval of the full HGMP application and the CTUIR's acquisition of the properties, demolition will occur.

This Environmental Inventory Report, the Pre-Demolition Hazardous Materials Survey Report (Hazmat Report) prepared by PBS dated April 28, 2021, and the project specifications, are intended to aid in bid preparation by the contractor for the demolition of all site improvements as described in the paragraph above.

## **3 ASSESSMENT OF ENVIRONMENTAL CONDITIONS**

PBS mobilized to the project site April 12 through 16, 2021 to assess environmental and hazardous building materials conditions at the properties. During assessment of the project site, PBS assembled a general inventory of site improvements and waste materials requiring demolition and/or removal from the site for the purpose of site restoration. PBS field staff collected samples of potentially hazardous building materials for laboratory analysis. A summary of building materials sampled, and results of laboratory analysis are presented in the Hazmat Report (PBS, April 2021).

This Section presents a general inventory of site improvements requiring decommissioning and/or removal from the project site and other observed environmental conditions. The inventory includes but is not limited to: structures, waste materials, wells, septic tanks and drainfields, abandoned equipment and/or vehicles and general debris/rubbish. Some of the materials presented in this inventory report may be removed by the owner prior to site restoration work by the contractor. This report is not intended to present a complete inventory of all materials requiring removal by the contractor from the project site. It is the responsibility of the contractor to verify all site improvements requiring decommissioning and/or removal during the pre-bid walkthrough to ensure an accurate estimate of costs to complete site restorations.

The following coding scheme is used in this report to uniquely identify site features, improvements or environmental conditions at the Project Site:

D.xx – Debris	U.xx – Utility
E.xx – Environmental Condition	V.xx – Vehicle
S.xx – Structure	W.xx – Well
T.xx – Tank (Septic)	

A general inventory of site features, improvements and environmental conditions is presented in Appendix A. Locations of site features listed in the general inventory are depicted in Drawing Sheets 1 through 6.

### **3.1 73499 Sampson Lane - Johanne Moore Property**

#### **3.1.1 Structures**

The Johanne Moore Property is improved with eleven structures (S.01 through S.11) including a house, five sheds, two well houses, a chicken coup, a greenhouse, and a below-ground fallout shelter (See Drawing Sheet 1).

#### **3.1.2 Wells**

There are two wells on the property (W.01 and W.02, see Section 4).

#### **3.1.3 Septic Tanks**

A septic tank was not located on the property, and may have been removed by the flood. The contractor should verify the presence or absence of a septic tank on the property, as detailed in Section 5, and remove the septic tank if encountered.

#### **3.1.4 Utilities**

Utilities present at the property requiring removal include but are not limited to:

- Below-ground irrigation piping spanning from the two well houses to various locations across the property
- Below-ground wastewater piping spanning from the house (S.02) to a septic tank (not located)
- Below-ground drainfield piping spanning from a septic tank (not located) to an associated leach or drainfield
- Below-ground private electrical conduit and associated circuit breakers/electrical boxes
- Below-ground potable water piping spanning from one or both well houses to the house

#### **3.1.5 Fences**

Fencing on the property is primarily constructed from treated railroad ties and barbed wire. Fences on the property are to be removed as noted in project specifications and Drawing Sheet 1. Treated railroad tie fence posts should be disposed of in accordance with federal, state, and local regulations.

#### **3.1.6 Debris/Rubbish**

General rubbish and debris observed at the property which may require removal during site restoration include but are not limited to:

- Tires
- Automobile wheels
- Trailers (flat bed, travel, utility)

- Bicycles
- Lawn mowers
- Generators
- HVAC equipment
- Lumber
- Empty steel drums
- Hoses
- Portable propane tanks
- Refrigerators
- Other abandoned equipment

### **3.2 73479 Sampson Lane - Holt Property**

#### **3.2.1 Structures**

The Holt Property is improved with six structures (S.12 through S.17) including a house, two sheds, a well house, a shop/garage and a shipping container (See Drawing Sheet 1).

#### **3.2.2 Wells**

There are three wells on the property, W.03 through W.05. Well W.05 was not located during site assessment, and is reported to be located east of the shipping container (S.17) near the gate to the orchard (see Section 4).

#### **3.2.3 Septic Tanks**

A septic tank (T.01) is located immediately to the north of the house on the property. The septic tank has a concrete vault lid with a rebar handle, and is assumed to be of concrete construction. The contractor should remove the septic tank as detailed in Section 5.

#### **3.2.4 Utilities**

Utilities present at the property requiring removal include but are not limited to:

- Below-ground irrigation piping spanning from at least two well houses (and possibly from the third) to various locations across the property
- Below-ground wastewater piping spanning from the house (S.13) to the septic tank (T.01)
- Below-ground drainfield piping spanning from a septic tank to an associated leach or drainfield
- Below-ground private electrical conduit and associated circuit breakers/electrical boxes
- Below-ground potable water piping spanning from at least one well (W.03) to the house

#### **3.2.5 Fences**

Fencing on the property is primarily constructed from treated railroad ties and barbed wire. Fences on the property are to be removed as noted in project specifications and Drawing Sheet 1. Treated railroad tie fence posts should be disposed of in accordance with local, state and federal regulations.

#### **3.2.6 Debris/Rubbish**

Debris observed at the property which may require removal during site restoration include but are not limited to:

- Tires
- Automobile wheels

- Trailers (flat bed, travel, utility)
- Boat
- Hot tub
- Burn piles (see section 7.3)
- Lawn mowers
- Lumber
- Hoses
- General rubbish/trash

### **3.3 Jeremy Moore Property – 49587 River Road**

#### **3.3.1 Structures**

The Jeremy Moore Property is improved with four structures (S.18 through S.21) including a house, a barn, a well house, and a shop/garage (See Drawing Sheet 2).

#### **3.3.2 Wells**

There is one well on the property (W.06, see Section 4).

#### **3.3.3 Septic Tanks**

There are two septic tanks on the property. A more recently installed septic tank (T.02) is located near the northeast corner of the house (S.19). The septic tank does not have a lid and is full of water. A second septic tank (T.03) is located north of the house, between the house and the well house. The tank was filled with dirt and debris during the flood and the only visible component is a steel collar slightly exposed at the ground surface. Both septic tank locations are depicted on Drawing Sheet 2. The contractor should remove the septic tanks as detailed in Section 5.

#### **3.3.4 Utilities**

Utilities present at the property requiring removal include but are not limited to:

- Non-submersible irrigation pumps (U.01) and associated electrical equipment/conduit
- Below-ground irrigation piping spanning from the well house (S.20) and irrigation pumps (U.01) to various locations across the property
- Below-ground wastewater piping spanning from the house (S.19) to the septic tank(s) (T.02 and T.03)
- Below-ground drainfield piping spanning from the septic tank(s) (T.02 and T.03) to an associated leach or drainfield
- Below-ground private electrical conduit and associated circuit breakers/electrical boxes
- Below-ground potable water piping spanning from the wellhead (W.06) to the well house (S.20), and possibly from the well house (S.20) to the house (S.19)

#### **3.3.5 Fences**

Fencing on the property is primarily constructed from treated railroad ties and barbed wire. Fences on the property are to be removed as noted in project specifications and Drawing Sheet 2. Treated railroad tie fence posts should be disposed of in accordance with local, state and federal regulations.

#### **3.3.6 Debris/Rubbish**

Debris observed at the property which may require removal during site restoration include but are not limited to:

- HVAC equipment
- Burn piles
- Lumber
- Hoses
- General rubbish/trash

### **3.4 Hall Property – 49591 River Road**

#### **3.4.1 Structures**

The Hall Property is improved with five structures (S.22 through S.26) including a house, an in-law unit, a well house, a sauna and a shop/garage (See Drawing Sheet 2).

#### **3.4.2 Wells**

There are two wells on the property, W.07 and W.08. W.08 was not located during the site assessment, but is reported to be located northeast of the house in a wire enclosure (see Section 4).

#### **3.4.3 Septic Tanks**

There is one septic tank (T.04) on the property located directly to the east of the house across a fence. The septic tank is of concrete construction with a concrete lid and rebar handle. The septic tank location is depicted on Drawing Sheet 2. The contractor should remove the septic tank as detailed in Section 5.

#### **3.4.4 Utilities**

Utilities present at the property requiring removal include but are not limited to:

- Below-ground irrigation piping spanning from the well house (S.26) and irrigation well (W.08) to various locations across the property
- Below-ground propane piping spanning from the furnace in the house (S.24) to the former propane tank
- Below-ground wastewater piping spanning from the house (S.24) to the septic tank (T.04)
- Below-ground drainfield piping spanning from the septic tank to an associated leach or drainfield
- Below-ground private electrical conduit and associated circuit breakers/electrical boxes
- Below-ground potable water piping spanning from the well house (S.26/W.07) to the house (S.24)

#### **3.4.5 Fences**

Fencing on the property is primarily constructed from treated railroad ties and barbed wire. Fences on the property are to be removed as noted in project specifications and Drawing Sheet 2. Treated railroad tie fence posts should be disposed of in accordance with local, state and federal regulations.

#### **3.4.6 Debris/Rubbish**

Debris observed at the property which may require removal during site restoration include but are not limited to:

- Lumber
- Hoses
- A truck camper
- Lawn mowers
- Abandoned equipment
- Pressure washer

- Treadmill
- A composting toilet
- General rubbish/trash

### **3.5 Hendrickson Property – 49683 River Road**

#### **3.5.1 Structures**

The Hendrickson Property is improved with four structures (S.27 through S.30) including a house, a shed, a chicken coup and a shop/garage (see Drawing Sheet 3).

#### **3.5.2 Wells**

There is one well (W.09) on the property (see Drawing Sheet 3).

#### **3.5.3 Septic Tanks**

There is one septic tank (T.05) on the property located northwest of the house. A travel trailer (V.10) was parked directly on top of the septic tank at the time of property assessment, and no observations of the septic tank were made. The septic tank location is depicted on Drawing Sheet 3. The contractor should remove the septic tank as detailed in Section 5.

#### **3.5.4 Utilities**

Utilities present at the property requiring removal include but are not limited to:

- Below-ground irrigation piping spanning from the wellhead (W.09) to various locations across the property
- Below-ground wastewater piping spanning from the house (S.28) to the septic tank (T.05)
- Below-ground drainfield piping spanning from the septic tank (T.05) to an associated leach or drainfield
- Below-ground private electrical conduit and associated circuit breakers/electrical boxes across the property
- Below-ground potable water piping spanning from the wellhead (W.09) to the house (S.28)

#### **3.5.5 Fences**

Fencing on the property is primarily constructed from treated railroad ties and barbed wire. Fences on the property are to be removed as noted in project specifications and Drawing Sheet 3. Treated railroad tie fence posts should be disposed of in accordance with local, state and federal regulations.

#### **3.5.6 Debris/Rubbish**

Debris observed at the property which may require removal during site restoration include but are not limited to:

- Gabion baskets in river
- Fence panels/gates in river
- Abandoned equipment surrounding garage/shop (D.10)
- Quads
- Golf carts
- Claw foot tub
- Burn piles
- Empty steel drums

- Tires
- Automobile wheels
- Lumber
- Hoses
- Trailers (travel, flatbed)
- Boats
- Cars
- Lawn mowers
- Abandoned equipment
- General rubbish/trash

### **3.6 Obornik Property – 52153 Cayuse Road**

#### **3.6.1 Structures**

The Obornik Property is improved with five structures still standing after the flood (S.32 through S.36) including a house, a shed, a barn, a well house and a shop/garage. There is also a sixth structure in the form of a collapsed shed (S.31, See Drawing Sheet 4).

#### **3.6.2 Wells**

There is one domestic well (W.10) on the property (see Drawing Sheet 4).

There are two observation wells located in a well house in the southern portion of the property adjacent to Cayuse Road as depicted on Drawing Sheet 4. The observation well house and wells are to be protected from damage by the contractor during site restoration. The observation well house is NOT to be demolished, altered or removed from the property, nor the wells decommissioned or altered.

#### **3.6.3 Septic Tanks**

There is one septic tank (T.06) on the property located immediately west of the house beneath a deck. Given the location of the tank beneath the deck, no observations of the septic tank were made. The septic tank location is depicted on Drawing Sheet 3. The contractor should remove the septic tank as detailed in Section 5.

#### **3.6.4 Environmental Conditions**

Two above ground storage tanks (ASTs), approximately 500 gallons in capacity each, were observed in the southeast corner of the property on the west side of the driveway (E.01). The ASTs contain diesel fuel and have a fuel dispenser for fueling of vehicles and equipment. Minor surface spills were observed on the soil immediately beneath the diesel ASTs. It is understood that the property owner will remove the ASTs from the property. The contractor should identify the location of the former ASTs, and remove surface soil in the area as detailed in Section 7.1.

#### **3.6.5 Utilities**

Utilities present at the property requiring removal include but are not limited to:

- A culvert (U.05) beneath the driveway immediately north of Cayuse Road
- Below-ground irrigation piping spanning from the well house (S.36) to various locations across the property
- Below-ground wastewater piping spanning from the house (S.34) to the septic tank (T.06)

- Below-ground drainfield piping spanning from the septic tank (T.06) to an associated leach or drainfield
- Below-ground private electrical conduit and associated circuit breakers/electrical boxes across the property
- Below-ground potable water piping spanning from the wellhouse (S.36) to the house (S.34).

### **3.6.6 Fences**

Fencing on the property is primarily constructed from treated railroad ties and barbed wire. Fences on the property are to be removed as noted in project specifications and Drawing Sheet 4. Treated railroad tie fence posts should be disposed of in accordance with local, state and federal regulations.

### **3.6.7 Debris/Rubbish**

Debris observed at the property which may require removal during site restoration include but are not limited to:

- Scrap metal
- Lawn mowers
- Railroad ties
- General rubbish/trash

## **3.7 Caldwell Property – 52277 Cayuse Road**

### **3.7.1 Structures**

The Caldwell Property is improved with five structures (S.37 through S.41) including a house, an in-law unit, a shop/barn, a steel framed shop/warehouse and a hunting blind (see Drawing Sheet 5). It is noted that the shop/barn (S.39) is a combination of multiple construction types and is surrounded by several freestanding trailers and sheds. For the purposes of this report they are treated as one structure. The contractor should reference the Hazardous Building Materials Report for disposal requirements for the individual elements of this greater structure.

### **3.7.2 Wells**

There is one well (W.11) on the property located inside the house (S.37, see Drawing Sheet 5).

### **3.7.3 Septic Tanks**

There is one septic tank (T.07) on the property located north of the house. The septic tank is understood to be constructed of a vertically placed corrugated steel pipe with a concrete floor and lid and is estimated to be 500 gallons in capacity. Septic tank construction should be verified by the contractor. The septic tank location is depicted on Drawing Sheet 3. The contractor should remove the septic tank as detailed in Section 5.

### **3.7.4 Environmental Conditions**

Based on a phone interview with the property owner, the former residence on the property, located to the east of the current house, operated an oil burning furnace and associated heating oil tank (E.03). The tank was partially buried below-ground and partially exposed above-ground. The tank was removed from the property approximately 50 years ago by the property owner, and was reported to be leaking at the time of removal. The approximate location of the former heating oil tank is depicted on Drawing Sheet 5. The contractor should follow unexpected discovery protocols established in Section 8 when working in the vicinity of the former heating oil tank.



Additionally, a waste oil drum (E.02) was observed in the west end of the shop/barn (S.39) near the garage door. Minor surface spills were observed on the concrete slab in the vicinity of the waste oil drum. Contents of the waste oil drum should be disposed of in accordance with local, state and federal regulations. The contractor should follow unexpected discovery protocols established in Section 8 when working in the vicinity of the waste oil drum, as depicted on Drawing Sheet 5.

### **3.7.5 Utilities**

Utilities present at the property requiring removal include but are not limited to:

- Below-ground irrigation piping spanning from the wellhead (W.11) to various locations across the property
- Below-ground wastewater piping spanning from the house (S.37) to the septic tank (T.07)
- Below-ground drainfield piping spanning from the septic tank to an associated leach or drainfield
- Below-ground private electrical conduit and associated circuit breakers/electrical boxes across the property
- Below-ground potable water piping spanning from the wellhead (W.11) to various locations in the house (S.37)

### **3.7.6 Fences**

Fencing on the property is primarily constructed from treated railroad ties and barbed wire. Fences on the property are to be removed as noted in project specifications and Drawing Sheet 5. Treated railroad tie fence posts should be disposed of in accordance with local, state and federal regulations.

### **3.7.7 Debris/Rubbish**

Debris observed at the property which may require removal during site restoration include but are not limited to:

- Concrete Ecoblocks adjacent to river (D.15)
- Steel culvert in incised tributary channel south of river (D.16)
- Abandoned equipment
- Burn piles
- Bicycles
- Full 55 gallon drum of lubricant
- Full 5-gallon buckets of lubricant
- Empty steel drums
- Tires
- Automobile wheels
- Lumber
- Trucks
- Semi trailers
- Abandoned equipment
- General rubbish/trash

## **3.8 Beers Property – 53017 Cayuse Road**

### **3.8.1 Structures**

The Beers Property is improved with eight (S.42 through S.49) structures including a house, two barns, a chicken coup, a garage/shop, a tach room/carport, a carport and a well house (see Drawing Sheet 6).

### **3.8.2 Wells**

There is one domestic well (W.12) on the property (see Drawing Sheet 6).

### **3.8.3 Septic Tanks**

There is one septic tank (T.08) on the property located immediately north of the house. The septic tank location is depicted on Drawing Sheet 6. The contractor should remove the septic tank as detailed in Section 5.

### **3.8.4 Utilities**

Utilities present at the property requiring removal include but are not limited to:

- A propane tank located immediately east of the carport (S.47)
- Below-ground propane piping spanning from the propane tank to the house (S.46)
- Below-ground irrigation piping spanning from the well house (S.42) to various locations across the property
- Below-ground wastewater piping spanning from the house (S.46) to the septic tank (T.08)
- Below-ground drainfield piping spanning from the septic tank (T.08) to an associated leach or drainfield
- Below-ground private electrical conduit and associated circuit breakers/electrical boxes across the property
- Below-ground potable water piping spanning from the wellhouse (S.42) to the house (S.46)

### **3.8.5 Fences**

Fencing on the property is primarily constructed from treated railroad ties and barbed wire. Fences on the property are to be removed as noted in project specifications and Drawing Sheet 6. Treated railroad tie fence posts should be disposed of in accordance with local, state and federal regulations.

### **3.8.6 Debris/Rubbish**

Debris observed at the property which may require removal during site restoration include but are not limited to:

- Scrap metal
- Empty steel drums
- Trailer (flatbed)
- Lawn mowers
- Railroad ties
- General rubbish/trash

#### 4 DECOMMISSIONING OF DOMESTIC WELLS

This section presents an inventory of domestic supply wells and associated well logs located on the Project Site. All domestic supply wells located on the project site are to be decommissioned in accordance with CTUIR Administrative Rules and Standards to the Water Code – Section 500: Standards for the Construction and Maintenance of wells on the Umatilla Indian Reservation and Project Specification Section 31 30 00 – Well Decommissioning.

In addition to domestic supply wells, two observation wells are located within a well house at the Obornik Property within the greater Project Site. The observation wells and well house are to be protected from damage by the contractor during site restoration work. Do NOT decommission, damage or otherwise alter the observation wells or well house. See Drawing Sheet 4 for the location of the observation well house.

The following table presents an inventory of domestic supply wells to be decommissioned to support site restoration:

Well ID	Property	Well Log	Depth (feet)	Casing Diameter (inches)	Artesian?
W.01	Johanne Moore	UMAT 988	128	8	no
W.02	Johanne Moore	not located	unknown	unknown	no
W.03	Holt	UMAT 5689	175	8	no
W.04	Holt	UMAT 967	174	8	no
W.05	Holt	UMAT 980	50	8	no
W.06	Jeremy Moore	UMAT 1110	150	6	no
W.07	Hall	UMAT 1111	203	6	no
W.08	Hall	not located	unknown	unknown	no
W.09	Hendrickson	UMAT 1109	462	8	yes
W.10	Obornik	UMAT 1154	102	no casing, 8" boring	yes
W.11	Caldwell	not located	approx. 15	48" hand dug	no
W.12	Beers	UMAT 1145/1146	90	6	yes

Well locations are depicted on Drawing Sheets 1 through 6. Well logs are included as Appendix B.

Well decommissioning will include sealing of the well in accordance with CTUIR Administrative Rules. Additionally, all above- and below-ground improvements associated with the well should be removed. Well improvements to be removed include but are not limited to: well house or structure, concrete slab, below-ground vault or pit beneath well house, pressure tanks, pumps, electrical equipment and below-ground conduit, piping for potable and irrigation water, valves and spigots.

#### 5 DECOMMISSIONING OF SEPTIC TANKS

This section presents an inventory of septic tanks at the Project Site. Septic tanks should be decommissioned in accordance with regulations put in place by the authority having jurisdiction, including but not limited to CTUIR. The locations of septic tanks are depicted on Drawing Sheets 1 through 6. Available building records, including permit applications and as-builts for select septic systems on some of the properties are included as Appendix C. Building records and permit applications were not available for all properties/septic tanks. In the

event no records are available, it is the responsibility of the contractor to determine the location and extent of septic systems for proper decommissioning.

In general, septic tank decommissioning will involve:

- removal and legal disposal of tank contents
- removal of the tank itself from the ground
- removal of septic tank infrastructure including but not limited to pumps, electrical elements, lids and plumbing
- removal of wastewater lines conveying water from the residence or other site structures to the tank
- removal of drain lines from the tank to the leach or drainfield
- legal off-property disposal by the contractor of all septic tank elements
- backfill and compaction of all pits, trenches and depressions created from removal of septic tank elements

Natural materials such as drain rock or sand placed as backfill surrounding septic tanks or drainfield piping do not need to be removed from the Project Site as part of septic tank decommissioning.

## **6 DEBRIS REMOVAL IN AND NEAR UMATILLA RIVER**

### **6.1 Gabion Baskets at Hendrickson Property**

Gabion baskets filled with rock and gate/fence material were placed within the average high water mark of the Umatilla River, presumably for the purpose of flood control, along the river bank in the northwestern portion of the Hendrickson Property. The location of the gabion baskets is marked as D.09 on Drawing Sheet 3. The gabion baskets are also pictured in photographs 154-159 in Appendix D.

The gabion baskets and other manmade elements along the river bank will be removed from the river by the contractor as part of site restoration work. The contractor should take care and utilize appropriate equipment such that equipment does not have to enter the river to remove the debris. Rather, the debris should be removed from the river by equipment capable of picking the debris out of the river safely from the riverbank.

All manmade elements included in the debris, such as the gabion baskets, fence/gate elements, sandbags, etc. should be legally disposed of off-property by the contractor. Natural materials such as rock and sand material contained within the gabion baskets and sand bags may be removed from the baskets or sand bags and left on site. It is noted that erosion and sedimentation control measures established in Specification Section 31 10 00 – Site Clearing must be followed when removing material from levee elements to leave on site.

### **6.2 Concrete Ecoblocks on Caldwell Property**

Concrete ecoblocks were placed along the south bank of the Umatilla River just outside of the average high-water mark in the northern portion of the Caldwell Property. Additionally, a steel culvert is present in an incised tributary stream channel to the southeast of the ecoblocks. The locations of the ecoblocks and steel culvert are marked as D.15 and D.16, respectively, on Drawing Sheet 5.

The ecoblocks along the riverbank and steel culvert in the tributary stream will be removed by the contractor as part of site restoration work. The contractor should take care and utilize appropriate equipment such that equipment does not have to enter the river to remove the debris. Rather, the debris should be removed from the river by equipment capable of picking the debris out of the tributary stream or riverbank safely from the area south of the river bank.

All manmade elements included in the debris, such as the ecoblocks, steel culvert or other manmade materials observed along the riverbank should be legally disposed of off property by the contractor.

## **7 ENVIRONMENTAL CONDITIONS**

### **7.1 Diesel ASTs at Obornik Property**

As discussed in Section 3.6.4, two diesel ASTs were observed at location E.01 on Drawing Sheet 4 on the Obornik Property. Minor surface spills were observed beneath the ASTs. It is understood that the property owner will remove the ASTs from the property.

During site restoration, the contractor will excavate an approximately 10- by 10-foot area centered around the location of the ASTs to a depth of 1 foot below ground surface. Soils excavated from this area will be directly loaded into a truck. Staging of excavation spoils from this location on the ground surface is prohibited.

Following completion of the removal of soil from the area immediately beneath the ASTs, the contractor shall dispose of the excavation spoils as petroleum contaminated soil (PCS) at an appropriate receiving facility in accordance with local, state and federal regulations. The contractor shall retain all receipts and documentation for disposal of PCS and provide to the Owner's Representative (The Wenaha Group) within 30 days of material disposal.

The contractor shall provide a unit price on a per-cubic-yard basis for removal, transport and disposal of PCS based on an assumed quantity of five cubic yards per Specification Section 31 10 00 – Site Clearing. Costs for additional PCS requiring removal, transport and disposal will be accrued at the unit rate specified in the contractor's bid.

Following completion of soil excavation, clean backfill material sourced from on property will be placed within the excavation in accordance with Specification Section 31 20 00 – Earth Moving.

### **7.2 Former Heating Oil Tank at Caldwell Property**

As discussed in Section 3.7.4, a former heating oil tank was reportedly operated at the Caldwell Property in location E.03 on Drawing Sheet 5. The tank was removed from the property approximately 50 years ago, and its exact location is unknown. The contractor shall follow unanticipated discovery protocols established in Section 8 of this report when working in the vicinity of the former heating oil tank.

A waste oil container was observed in structure S.39 at the Caldwell Property. The container is marked as location E.03 on Drawing Sheet 5. Minor surface spills were observed on the concrete slab in the vicinity of the waste oil container. Following proper removal and disposal of the waste oil container and removal of the underlying slab, the contractor shall follow unanticipated discovery protocols established in Section 8 of this report when working in the vicinity of the waste oil container.

### **7.3 Burn Piles**

Locations exist across multiple properties within the Project Site where green waste in the form of vegetation have been disposed of by incineration or burning. In some of these locations, partially incinerated trash including but not limited to tires, hoses and aluminum cans were observed in the burn piles. The contractor shall remove all material in burn piles existing above mean ground elevation in the vicinity of the burn piles, returning the area to a generally flat surface free of any manmade materials or burned waste. Material removed from burn pile areas will become the property of the contractor, and shall be disposed of off property in accordance with local, state and federal regulations.

## **8 UNANTICIPATED DISCOVERY OF CONTAMINATED MATERIALS**

Contaminated soils may be encountered by equipment operators that have not previously been identified or characterized. The equipment operator shall stop work and notify CTUIR if any of the following are encountered:

- Obvious staining, sheen, or colored hues in soil or standing water in locations not previously designated
- Presence of gasoline- or oil-like vapor or odor or unexpected petroleum products or other chemicals
- Utility pipe lines with sludge or trapped liquid indicating petroleum or chemical discharge sludge
- Unexpected buried pipes, conduit, tanks, or unexplained metallic objects or debris
- Vapors causing eye irritation or nose tingling or burning

Contaminated materials shall be disposed of based on the unit price established per Specification Section 31 10 00 – Site Clearing.

## **9 PERMITTING AND FEES**

### **9.1 Stream Zone Alteration Permits**

The following work activities associated with site restoration are expected to require a major stream zone alteration (SZA) permit from the CTUIR Department of Water Resources:

- Removal of the fallout structure (S.09) at the Johanne Moore Property
- Removal of debris in the river and on the riverbank, including gabion baskets and fences/gates at the Hendrickson Property

It is noted that application for a major SZA permit requires a public hearing, and permit approval is expected to take approximately 6 weeks.

Work performed within and near the average high-water mark of the Umatilla River that can be completed in less than 24 hours can be performed under a minor SZA permit. The following work activities are expected to require a minor SZA permit from the CTUIR Department of Water Resources:

- Removal of the culvert beneath the driveway at the Obornik Property
- Removal of ecoblocks and steel culvert on the riverbank and within the stream channel at the Caldwell Property

Fees for SZA permits will be waived by CTUIR for the work, and should not be included in contractor costs.

### **9.2 Well Decommissioning Permits**

All well decommissioning work will require a well decommissioning permit from the CTUIR Department of Water Resources. Fees for well decommissioning work will be waived for the project, and should not be included in the contractor's cost estimate.

## **10 LIMITATIONS AND CLOSURE**

PBS has prepared this Environmental Inventory Report for use by the Wenaha Group, CTUIR and their contractors. It is understood that Project Site conditions may change from the time this report was prepared and the time that the contractor performs a pre-bid site walk. It is the responsibility of the contractor to verify all site conditions for submittal of an accurate cost estimate based on site conditions at the time of the pre-bid walk.

Sincerely,  
PBS Engineering and Environmental Inc.

---

James Welles, LG Project Geologist	Date
---------------------------------------	------

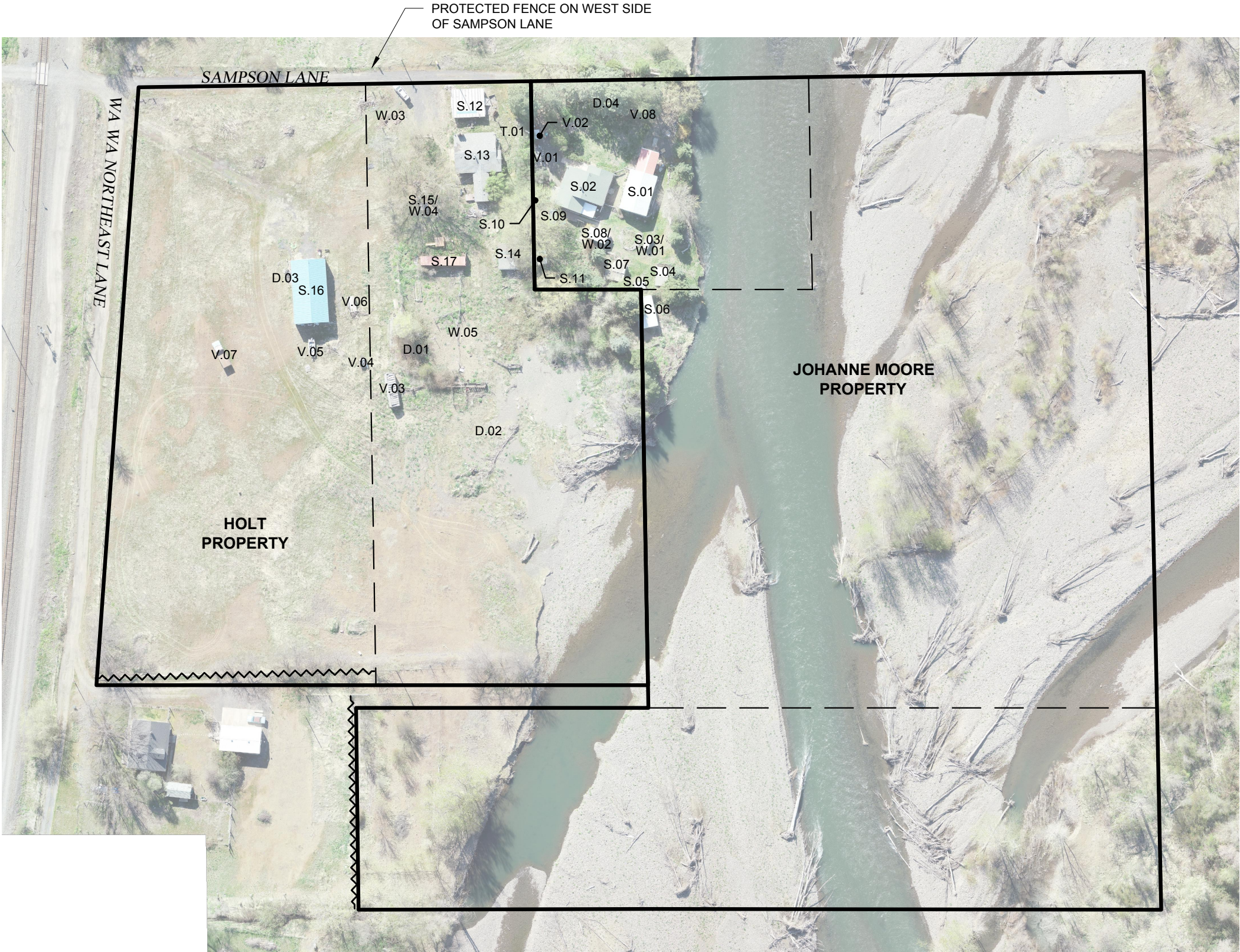
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Mike Bagley, LHG Project Hydrogeologist	Date
--	------

## Drawing Sheets



Filename: L:\Projects\67000\67796\001\Environmental\DWG\67796.001\_Fig\_1-6.dwg      Layout Tab: FIGURE 1      User: Katie Breyman      CAD Plot Date/Time: 4/30/2021 3:27:14 PM



DISPLAYED UAS IMAGERY IS UNCONTROLLED AND HAS NOT YET BEEN INTEGRATED WITH SURVEY CONTROL. DISPLAYED TAXLOTS ARE SOURCED FROM OREGON GIS, AND ARE PROVIDED FOR PLANNING PURPOSES ONLY. PLEASE REFER TO SURVEY DOCUMENTS FOR PRECISE LOCATION OF TAXLOT BOUNDARIES AND SITE FEATURES.

**LEGEND**

- — PARCEL BOUNDARIES
- — PROPERTY BOUNDARIES
- ~ ~ ~ PROTECTED FENCE

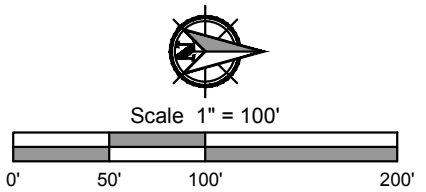
**SITE IMPROVEMENTS & FEATURES**

- D - DEBRIS
- E - ENVIRONMENTAL CONDITION
- S - STRUCTURE
- T - TANK (SEPTIC)
- U - UTILITY
- V - VEHICLE
- W - WELL

NOTE: REFER TO APPENDIX A - GENERAL SITE INVENTORY AND APPENDIX D - SITE PHOTOGRAPHS FOR DESCRIPTIONS AND PHOTOGRAPHS OF SITE IMPROVEMENTS AND FEATURES.

**NOTES**

1. REMOVE FENCES ALONG AND WITHIN PROPERTY AND PARCEL BOUNDARIES WITH THE EXCEPTION OF PROTECTED FENCES AS NOTED IN THE DRAWING SHEET.



PREPARED FOR: WENAHA GROUP

UMATILLA RIVER FLOOD RESPONSE BID PACKAGE  
**JOHANNE MOORE & HOLT PROPERTIES**  
73499 & 73479 SAMPSON LANE, PENDLETON, OREGON

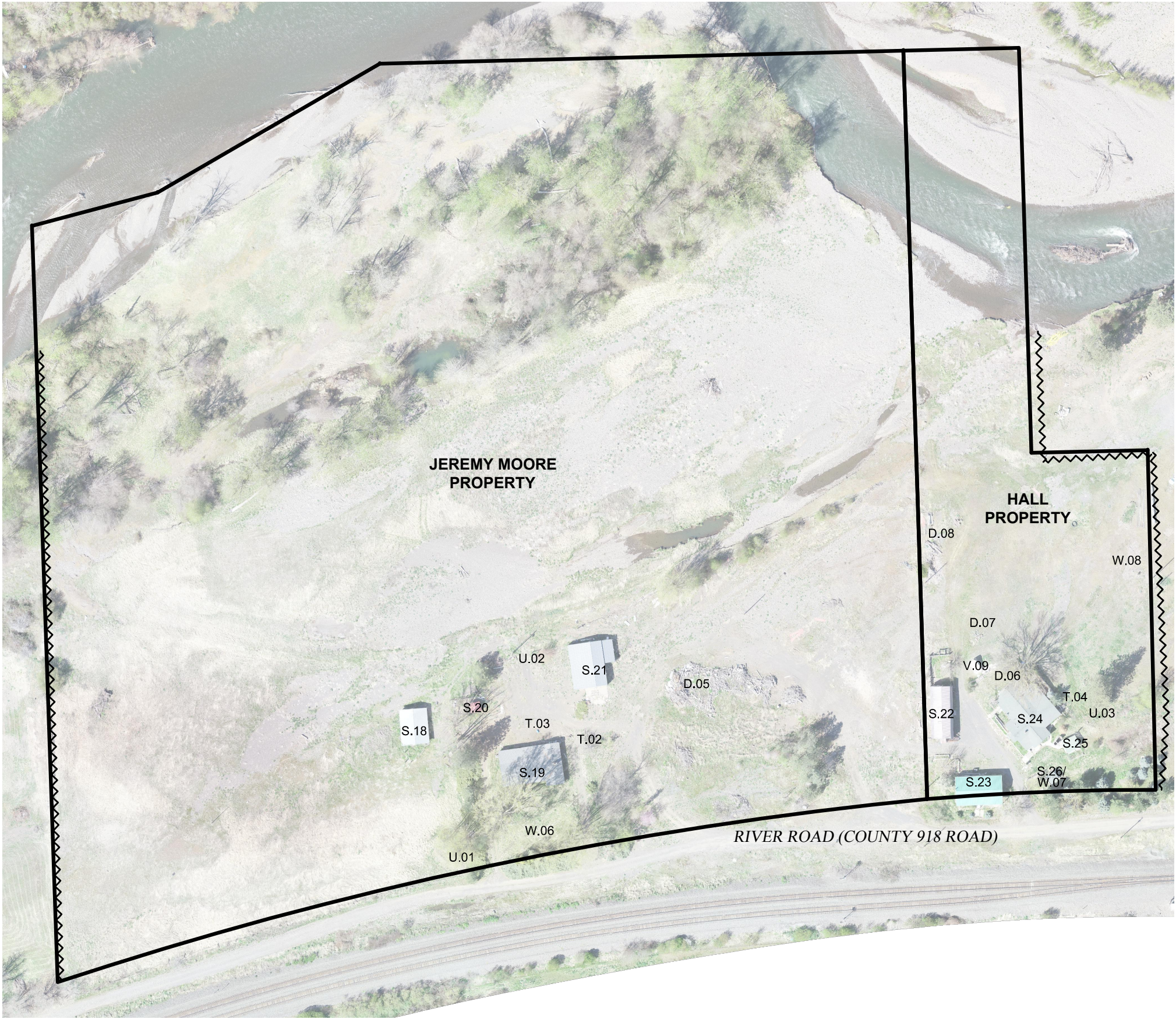
PROJECT
67796.001
DATE
APR 2021
SHEET ID
1



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Seattle, WA 98102  
206.233.9639  
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Filename: L:\Projects\67000\67796\67796-001\Environmental\DWG\67796.001\_Fig\_1-6.dwg      Layout Tab: FIGURE 2      User: Katie Breyman      CAD Plot Date/Time: 4/30/2021 3:26:47 PM



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LEGEND

- — PARCEL BOUNDARIES
- — PROPERTY BOUNDARIES
- ~~~~~ PROTECTED FENCE

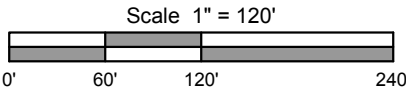
SITE IMPROVEMENTS & FEATURES

- D - DEBRIS
- E - ENVIRONMENTAL CONDITION
- S - STRUCTURE
- T - TANK (SEPTIC)
- U - UTILITY
- V - VEHICLE
- W - WELL

NOTE: REFER TO APPENDIX A - GENERAL SITE INVENTORY AND APPENDIX D - SITE PHOTOGRAPHS FOR DESCRIPTIONS AND PHOTOGRAPHS OF SITE IMPROVEMENTS AND FEATURES.

NOTES

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UMATILLA RIVER FLOOD RESPONSE BID PACKAGE  
**JEREMY MOORE & HALL PROPERTIES**  
49587 & 49591 RIVER ROAD, PENDLETON, OREGON

PROJECT

67796.001

DATE

APR 2021

SHEET ID

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Filename: L:\Projects\67000\67796\67796-001\Environmental\DWG\67796.001\_Fig\_1-6.dwg    Layout Tab: FIGURE 3    User: Katie Breyman    CAD Plot Date/Time: 4/30/2021 3:26:08 PM



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LEGEND

- — PARCEL BOUNDARIES
- — PROPERTY BOUNDARIES
- ~~~~~ PROTECTED FENCE

SITE IMPROVEMENTS & FEATURES

- D - DEBRIS
- E - ENVIRONMENTAL CONDITION
- S - STRUCTURE
- T - TANK (SEPTIC)
- U - UTILITY
- V - VEHICLE
- W - WELL

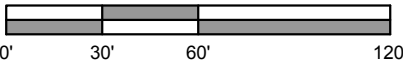
NOTE: REFER TO APPENDIX A - GENERAL SITE INVENTORY AND APPENDIX D - SITE PHOTOGRAPHS FOR DESCRIPTIONS AND PHOTOGRAPHS OF SITE IMPROVEMENTS AND FEATURES.

NOTES

1. REMOVE FENCES ALONG AND WITHIN PROPERTY AND PARCEL BOUNDARIES WITH THE EXCEPTION OF PROTECTED FENCES AS NOTED IN THE DRAWING SHEET.



Scale 1" = 60'



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UMATILLA RIVER FLOOD RESPONSE BID PACKAGE  
**HALL PROPERTY**  
49683 RIVER ROAD, PENDLETON, OREGON

PROJECT

67796.001

DATE

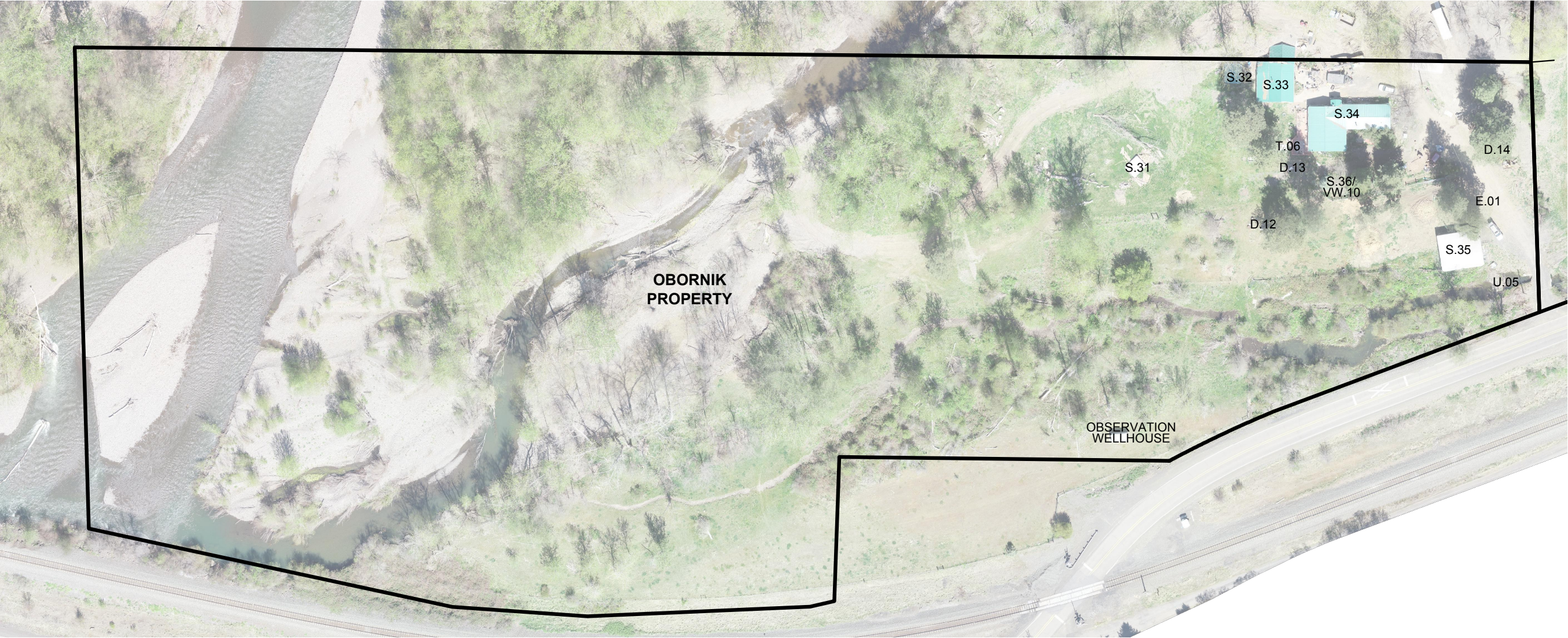
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SHEET ID

3



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**SITE IMPROVEMENTS & FEATURES**

- D - DEBRIS
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**LEGEND**

- — PARCEL BOUNDARIES
- — PROPERTY BOUNDARIES

**NOTES**

1. REMOVE FENCES ALONG AND WITHIN PROPERTY AND PARCEL BOUNDARIES WITH THE EXCEPTION OF PROTECTED FENCES AS NOTED IN THE DRAWING SHEET.
2. OBSERVATION WELL HOUSE AND AND OBSERVATION WELLS WILL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR.



Scale 1" = 100'



PREPARED FOR: WENAH GROUP

UMATILLA RIVER FLOOD RESPONSE BID PACKAGE  
**OBORNIK PROPERTY**  
52153 CAYUSE ROAD, ADAMS, OREGON

PROJECT

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Filename: L:\Projects\67000\67796\67796-001\Environmental\DWG\67796.001\_Fig\_1-6.dwg    Layout Tab: FIGURE 5    User: Katie Breyman    CAD Plot Date/Time: 4/30/2021 3:24:54 PM

**SITE IMPROVEMENTS & FEATURES**

- D - DEBRIS
- E - ENVIRONMENTAL CONDITION
- S - STRUCTURE
- T - TANK (SEPTIC)
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- V - VEHICLE
- W - WELL

NOTE: REFER TO APPENDIX A - GENERAL SITE INVENTORY AND APPENDIX D - SITE PHOTOGRAPHS FOR DESCRIPTIONS AND PHOTOGRAPHS OF SITE IMPROVEMENTS AND FEATURES.

**NOTES**

- 1. REMOVE FENCES ALONG AND WITHIN PROPERTY AND PARCEL BOUNDARIES WITH THE EXCEPTION OF PROTECTED FENCES AS NOTED IN THE DRAWING SHEET.

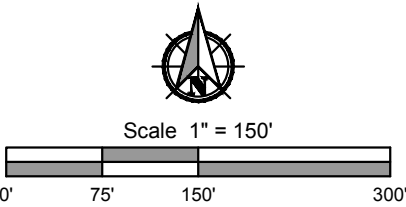
**LEGEND**

- — — PARCEL BOUNDARIES
- — — PROPERTY BOUNDARIES
- ~~~~~ PROTECTED FENCE



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Full Size Sheet Format Is 11x17; If Printed Size Is Not 11x17, Then This Sheet Format Has Been Modified & Indicated Drawing Scale Is Not Accurate.



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UMATILLA RIVER FLOOD RESPONSE BID PACKAGE  
**CALDWELL PROPERTY**  
52277 CAYUSE ROAD, ADAMS, OREGON

PROJECT

67796.001

DATE

APR 2021

SHEET ID

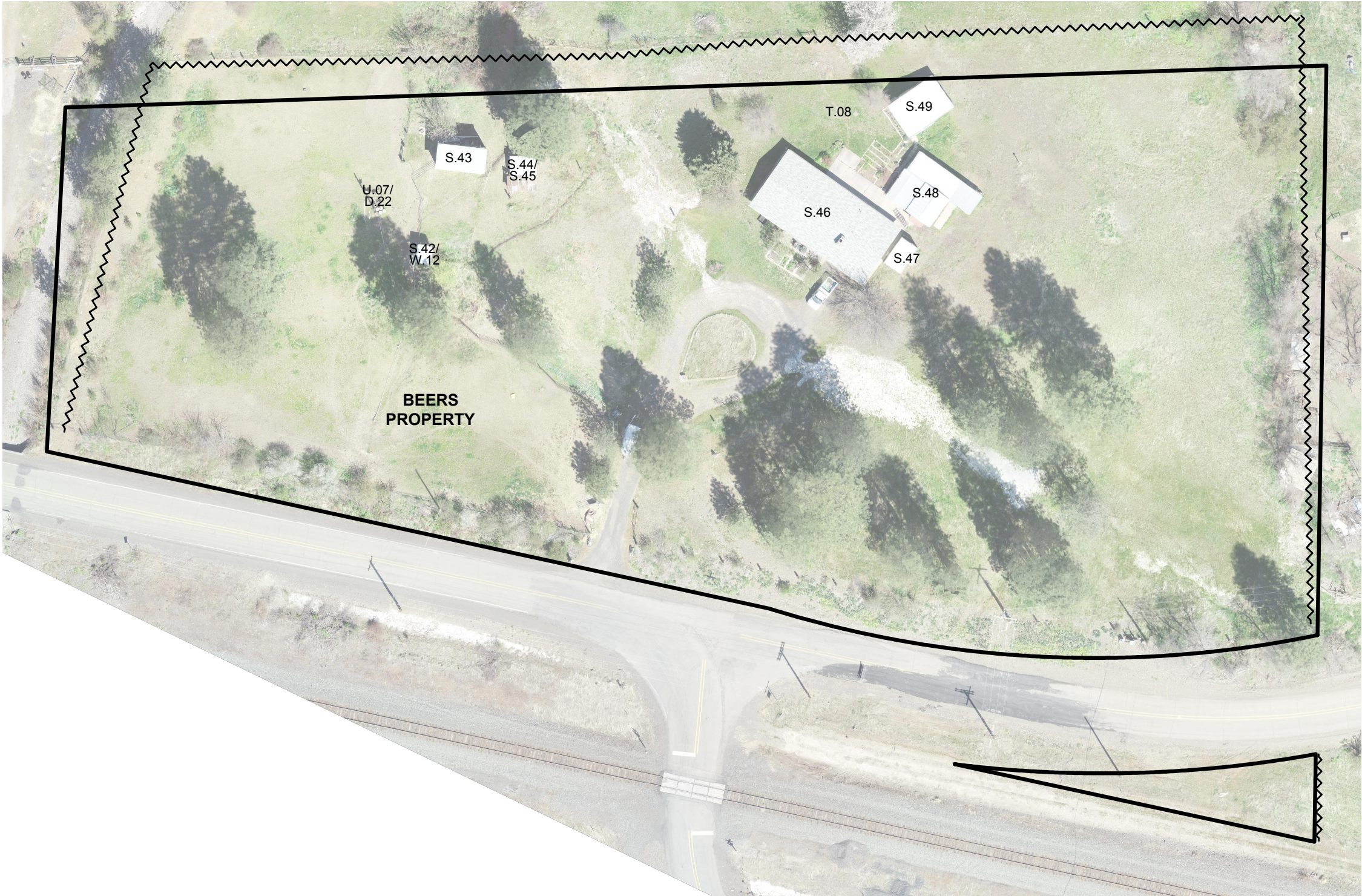
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Filename: L:\Projects\67796\67796-001\Environmental\DWG\67796.001\_Fig\_1-6.dwg    Layout Tab: FIGURE 6    User: Katie Breyman    CAD Plot Date/Time: 4/30/2021 3:24:05 PM



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### LEGEND

- — PARCEL BOUNDARIES
- — PROPERTY BOUNDARIES
- ~~~~~ PROTECTED FENCE

### SITE IMPROVEMENTS & FEATURES

- D - DEBRIS
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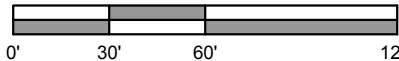
NOTE: REFER TO APPENDIX A - GENERAL SITE INVENTORY AND APPENDIX D - SITE PHOTOGRAPHS FOR DESCRIPTIONS AND PHOTOGRAPHS OF SITE IMPROVEMENTS AND FEATURES.

### NOTES

1. REMOVE FENCES ALONG AND WITHIN PROPERTY AND PARCEL BOUNDARIES WITH THE EXCEPTION OF PROTECTED FENCES AS NOTED IN THE DRAWING SHEET.



Scale 1" = 60'



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UMATILLA RIVER FLOOD RESPONSE BID PACKAGE  
**BEERS PROPERTY**  
53017 CAYUSE ROAD, ADAMS, OREGON

PROJECT

67796.001

DATE

APR 2021

SHEET ID

6



# **Appendix A**

## **General Site Inventory**

APPENDIX A - GENERAL SITE INVENTORY  
Environmental Inventory Report - FEMA Mitigation Grant Management - Umatilla Flood Site Restoration Project

**Site Structures**

S.01 Johanne Moore Shed  
S.02 Johanne Moore House  
S.03 Johanne Moore well house  
S.04 Johanne Moore greenhouse  
S.05 Johanne Moore shed  
S.06 Johanne Moore shed  
S.07 Johanne Moore Chicken coop  
S.08 Johanne Moore Well House  
S.09 Johanne Moore Fallout Shelter  
S.10 Johanne Moore Shed  
S.11 Johanne Moore Wood Shed  
S.12 Holt Shed (W of house)  
S.13 Holt House  
S.14 Holt Shed (E of house)  
S.15 Holt Irrigation Well House  
S.16 Holt Shop/Garage  
S.17 Holt Shipping Container  
S.18 Jeremy Moore Barn  
S.19 Jeremy Moore House  
S.20 Jeremy Moore Well House  
S.21 Jeremy Moore Shop/Garage  
S.22 Hall In Law  
S.23 Hall Shop/Garage  
S.24 Hall House  
S.25 Hall Sauna  
S.26 Hall Well House  
S.27 Hendrickson garage  
S.28 Hendrickson House  
S.29 Hendrickson shed  
S.30 Hendrickson chicken coup  
S.31 Obornik collapsed shed  
S.32 Obornik wood shed  
S.33 Obornik shop  
S.34 Obornik House  
S.35 Obornik barn  
S.36 Obornik wellhouse  
S.37 Caldwell House  
S.38 Caldwell Mother-in-law  
S.39 Caldwell Shop/Barn  
S.40 Caldwell Steel Structure  
S.41 Caldwell hunting blind  
S.42 Beers well house  
S.43 Beers two story barn  
S.44 Beers one story barn  
S.45 Beers Chicken coup  
S.46 Beers House  
S.47 Beers Carport  
S.48 Beers Tach Room/Shop  
S.49 Beers Garage/Shop

**Domestic Water Supply Wells**

W.01 Johanne Moore (potable in plastic enclosure)  
W.02 Johanne Moore (irrigation in well house)  
W.03 Holt (potable near driveway)  
W.04 Holt (irrigation in well house)  
W.05 Holt (irrigation near orchard gate)  
W.06 Jeremy Moore (in yard S of House)  
W.07 Hall (potable in well house)  
W.08 Hall (irrigation in wire enclosure, not located)  
W.09 Hedrickson (artesian on river bank)  
W.10 Obornik (artesian)  
W.11 Caldwell (hand dug inside house)  
W.12 Beers (artesian)

**Vehicles (certain vehicles may  
be removed prior to site)**

V.01 Johanne Moore Travel Trailer  
V.02 Johanne Moore pickup bed trailer  
V.03 Holt trailer  
V.04 holt trailer  
V.05 Holt boat  
V.06 Holt trailer  
V.07 Holt Flatbed Truck  
V.08 Johanne Moore trailer  
V.09 Hall Camper  
V.10 Hendrickson travel trailer 1  
V.11 Hendrickson golf cart 1  
V.12 Hendrickson golf cart 2  
V.13 Hendrickson flat bed trailer  
V.14 Hendrickson boat 1  
V.15 Hendrickson travel trailer 2  
V.16 Hendrickson boat 2  
V.17 Hendrickson travel trailer 3  
V.18 Hendrickson Ford Coup  
V.19 Caldwell Semi trailer  
V.20 Caldwell Semi trailer  
V.21 Caldwell semi truck  
V.22 Caldwell flatbed trailer  
V.23 Caldwell flatbed trailer

**Tanks (septic)**

T.01 Holt (N of house)  
T.02 Jeremy Moore (NE corner of house)  
T.03 Jeremy Moore (abandoned, N of house)  
T.04 Hall Septic (E of house across fence)  
T.05 Hendrickson (beneath travel trailer)  
T.06 Obornik (W of house beneath deck)  
T.07 Caldwell (N of house)  
T.08 Beers (N of house)

**Debris**

D.01 Holt Burn pile (no photos)  
D.02 Holt burn pile w trash  
D.03 tires/trash S of S.16  
D.04 Tires/trash W side of Johanne Moore  
D.05 Jeremy Moore Burn Piles  
D.06 Hall Debris/trash pile  
D.07 Hall fence post pile  
D.08 Hall materials stockpile  
D.09 Hendrickson - Gabion baskets in river  
D.10 Hendrickson - general junk/equipment surrounding S.27  
D.11 Hendrickson - trash burn pile  
D.12 Obornik debris  
D.13 Obornik - Trash in pit of former propane tank  
D.14 Obornik - railroad ties  
D.15 Caldwell Eco blocks in river  
D.16 Caldwell culvert in stream  
D.17 Caldwell burn pile  
D.18 Caldwell steel beams  
D.19 Caldwell tires S of S.40  
D.20 Caldwell junk W of S.39  
D.21 Caldwell burn pile  
D.22 Beers trash near pole mounted transformer

**Utilities**

U.01 Jeremy Moore irrigation pond pumps and electrical box  
U.02 Jeremy Moore pole mounted transformer  
U.03 Hall pole mounted transformer  
U.04 Hendrickson pole mounted transformer  
U.05 Obornik Culvert  
U.06 Caldwell pole mounted transformer  
U.07 Beers Pole Mounted transformer

**Environmental Conditions**

E.01 Obornik - PCS beneath former Diesel ASTs  
E.02 Caldwell - waste oil drum  
E.03 Caldwell - former heating oil tank (location approximate)



## **Appendix B**

### **Domestic Supply Well Logs**

# NOTICE TO WATER WELL CONTRACTOR

The original and first copy of this report are to be filed with the

STATE ENGINEER, SALEM 10, OREGON within 30 days from the date of well completion.

RECEIVED UMAT 988

OCT 15 1962 WATER WELL REPORT

STATE OF OREGON (Please type or print)

UMAT 988

State Well No. 24/33-11H

State Permit No.

## (1) OWNER:

Name Mr. Alvin "J" Cable  
Address Route 1, Box 181  
Pendleton, Oregon

## (2) LOCATION OF WELL:

County Umatilla Driller's well number  
S.E. 1/4 N.E. 1/4 Section 11 T. 2 No R. 33 W.M.  
Bearing and distance from section or subdivision corner

## (3) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐  
Abandonment, describe material and procedure in Item 12.

## (4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐  
Irrigation ☐ Test Well ☐ Other ☐

## (5) TYPE OF WELL:

Rotary ☐ Driven ☐  
Cable ☒ Jetted ☐  
Dug ☐ Bored ☐

## (6) CASING INSTALLED:

Threaded ☒ Welded ☐  
8" Diam. from 0 ft. to 34 ft. Gage 285  
" Diam. from ft. to ft. Gage  
" Diam. from ft. to ft. Gage

## (7) PERFORATIONS:

Perforated? ☐ Yes ☒ No

Type of perforator used

Size of perforations	in. by	in.
perforations from	ft. to	ft.
perforations from	ft. to	ft.
perforations from	ft. to	ft.
perforations from	ft. to	ft.
perforations from	ft. to	ft.

## (8) SCREENS:

Well screen installed ☐ Yes ☒ No

Manufacturer's Name  
Model No.  
Slot size Set from ft. to ft.  
Diam. Slot size Set from ft. to ft.

## (9) CONSTRUCTION:

Well seal—Material used in seal Padded clay & cement  
Depth of seal 32 ft. Was a packer used? 11  
Diameter of well bore to bottom of seal 11 in.  
Were any loose strata cemented off? ☐ Yes ☒ No Depth  
Was a drive shoe used? ☒ Yes ☐ No  
Was well gravel packed? ☐ Yes ☒ No Size of gravel:  
Gravel placed from ft. to ft.  
Did any strata contain unusable water? ☐ Yes ☒ No  
Type of water? Depth of strata  
Method of sealing strata off

## (10) WATER LEVELS:

Static level 27 ft. below land surface Date 10/6/62  
Artesian pressure lbs. per square inch Date

## (11) WELL TESTS:

Drawdown is amount water level is lowered below static level  
Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield:	gal./min. with	ft. drawdown after	hrs.
"	"	"	"
"	"	"	"
Bailer test	5 gal./min. with	96 ft. drawdown after	1 hrs.
Artesian flow	g.p.m. Date		
Temperature of water	Was a chemical analysis made? <input type="checkbox"/> Yes <input type="checkbox"/> No		

## (12) WELL LOG:

Diameter of well below casing 8"  
Depth drilled 128 ft. Depth of completed well 128 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Fine gravel & soil mixed	0	26
Clay, brown	26	29
Fine gravel & clay grey	29	32
Rock blue, soft -little water	32	37
Rock blue, medium	37	112
Rock blue, soft-little water	112	115
Rock grey, hard	115	118
Boulders & sand	118	128

Work started Sep 15 1962 Completed Oct 6 19 62  
Date well drilling machine moved off of well Oct 8 19 62

## (13) PUMP:

Manufacturer's Name  
Type: H.P.

## Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME John Hershey Well Drilling

(Person, firm or corporation)

(Type or print)

Address Rt. 1, Box 552, Hermiston, Oregon

Drilling Machine Operator's License No. 143

[Signed]

John Hershey  
(Water Well Contractor)

Contractor's License No. 315 Date Oct 8 19 62

STATE OF OREGON  
WATER WELL REPORT  
(as required by ORS 537.765)

JUL - 8 1992

WATER RESOURCES DEPT.

SALEM, OREGON

(START CARD) # W-36069

(1) OWNER:

Name EMMA STRAUD  
Address RT 1 BOX 441  
City PENDLETON State OR Zip 97204

(2) TYPE OF WORK:

☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD:

☒ Rotary Air ☐ Rotary Mud ☐ Cable  
☐ Other

(4) PROPOSED USE:

☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation  
☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 175 ft.  
Explosives used ☐ Yes ☒ No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
12	0	60	PPD Cem	0	60	29.54
6	60	175	W/LTA	PPD/Cem		

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E  
☐ Other TREBLE

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	8	41	61	12.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

		Method		Type		Material	
		Perforations	Method				
		Screens	Type				
From	To	lot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

<input type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input checked="" type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
50		50	1 hr.
75		75	

Temperature of Water 64 Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done? ☐ Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use? ☐ Too little  
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:

County umatilla Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 2N N or S. Range 33E E or W. WM. \_\_\_\_\_  
Section 11 SE 1/4 NE 1/4  
Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) \_\_\_\_\_

(10) STATIC WATER LEVEL:

41 ft. below land surface. Date 7-2-92  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found \_\_\_\_\_

From	To	Estimated Flow Rate	SWL
See Attached Sheet			

(12) WELL LOG:

Material	From	To	SWL
See Attached Sheet			

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WATER RESOURCES DEPT.  
SALEM, OREGON

Date started 6-22-92 Completed 7-3-92

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed Jerry Burd WWC Number 544  
GERG DENNIS Date 7-3-92

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed Jerry Burd WWC Number 544  
Date 7-3-92

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JUL - 8 1992  
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SALEMAN  
MP

JUL - 8 1992  
SOURCES DEPT.

WATER RESOURCES DEPT.  
SALEM, OREGON

[illegible]

WATER RESOURCES DEPT.  
SALEM, OREGON

DEC - 2 1992

# RECEIVED

July 13, 5992 98:20 PM 5:15 PM

**WATER WELL REPORT**  
STATE OF OREGON

UMAT  
967

**RECEIVED**

AUG 16 1983

PLEASE TYPE or PRINT IN INK

**WATER RESOURCES DEPT.**

SALEM, OREGON

**(1) OWNER:**

Name KERN PICKNELL  
Address 605 SW 3RD  
City PENDLETON State ORE

**(2) TYPE OF WORK (check):**

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

**(3) TYPE OF WELL:**

Rotary Air ☒ Driven ☐ Domestic ☒ Industrial ☐ Municipal ☐  
Rotary Mud ☐ Dug ☐ Irrigation ☐ Test Well ☐ Other ☐  
☐ Bored ☐ Thermal: Withdrawal ☐ Reinjection ☐

**(4) PROPOSED USE (check):**

**(5) CASING INSTALLED:**

Steel ☒ Plastic ☐  
Threaded ☐ Welded ☒

8" Diam. from +2 ft. to -73 ft. Gauge 250  
" Diam. from ft. to ft. Gauge

**LINER INSTALLED:**

" Diam. from ft. to ft. Gauge

**(6) PERFORATIONS:**

Perforated? ☐ Yes ☒ No

Type of perforator used

Size of perforations in. by in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.

**(7) SCREENS:**

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name

Type Model No.

Diam. Slot Size Set from ft. to ft.

Diam. Slot Size Set from ft. to ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Field: gal./min. with ft. drawdown after hrs.

" " " " "

Air test 50 gal./min. with drill stem at 140 ft. 1 hrs.

Bailer test 25 gal./min. with 90 ft. drawdown after 1 hrs.

Artesian flow g.p.m.

Temperature of water 59°F Depth artesian flow encountered ft.

**(9) CONSTRUCTION:**

Special standards: Yes ☐ No ☒

Well seal—Material used PORTLAND CEMENT

Well sealed from land surface to 40 ft.

Diameter of well bore to bottom of seal 8 1/2 in.

Diameter of well bore below seal 8 in.

Number of sacks of cement used in well seal 18 sacks

How was cement grout placed? TREACIE

Was pump installed? NO Type HP Depth ft.

Was a drive shoe used? ☐ Yes ☒ No Plugs Size: location ft.

Did any strata contain unusable water? ☐ Yes ☒ No

Type of Water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☒ No Size of gravel: ft.

Gravel placed from ft. to ft.

**(10) LOCATION OF WELL:**

County UMATILLA Driller's well number  
SE 1/4 NE 1/4 Section 11 T. 2N R. 33E W.M.  
Tax Lot # 1100 Lot 400 Blk Subdivision  
Address at well location:

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 80 ft.  
Static level 33 ft. below land surface. Date 8-5-83  
Artesian pressure lbs. per square inch. Date

**(12) WELL LOG:**

Diameter of well below casing 7 7/8

Depth drilled 174 ft. Depth of completed well 174 ft.  
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
GRAVEL	0	30	10
SOFT Black BASALT	30	60	10
HARD " "	60	116	33
GRAY 4	116	165	33
Black " w/SS	165	167	33
BROWN w/SS	167	169	33
Black	169	174	33

Work started 8-3 1983 Completed 8-5 83 19  
Date well drilling machine moved off of well 8-5-83 19

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Jay Bud Date 8-5, 1983

**Bonded Water Well Constructor Certification:**

Bond (number) Issued by: Surety Company Name

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name Jay Bud Well Drilling Inc. (Type or print)

Address Pendleton OR

[Signed] Jay Bud Water Well Constructor

Date 8-5, 1983

**NOTICE TO WATER WELL CONSTRUCTOR**

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

SP\*45292-690

The original and first copy  
of this report are to be  
filed with the

STATE ENGINEER, SALEM, OREGON 97310  
within 30 days from the date  
of well completion.

UMAT  
980

State Well No. 214/33-11

State Permit No. \_\_\_\_\_

Name MART JAMES F. JAMES  
Address 1906 S.E. Court Place  
Pendleton Oregon

County UMATI/HA Driller's well number 11  
 ¼ ¼ Section 11 T. 2N R. 33 W.M.  
 Bearing and distance from section or subdivision corner

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐  
If abandonment, describe material and procedure in Item 12.

Domestic ☒ Industrial ☐ Municipal ☐  
Irrigation ☐ Test Well ☐ Other ☐

Rotary	<input type="checkbox"/>	Driven	<input type="checkbox"/>
Cable	<input checked="" type="checkbox"/>	Jetted	<input type="checkbox"/>
Dug	<input type="checkbox"/>	Bored	<input type="checkbox"/>

(6) CASING INSTALLED: Threaded ☐ Welded ☒  
8 " Diam. from 0 ft. to 44 ft. Gage 322  
 \_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
 \_\_\_\_\_ " Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

Perforated? ☐ Yes ☒ No

Size of perforations	in.	by	in.
perforations from	ft.	to	ft.
perforations from	ft.	to	ft.
perforations from	ft.	to	ft.
perforations from	ft.	to	ft.
perforations from	ft.	to	ft.

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name \_\_\_\_\_ Model No. \_\_\_\_\_

\_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Well seal—Material used in seal Cement  
Depth of seal 20 ft. Was a packer used? no  
Diameter of well bore to bottom of seal 12 in.  
Were any loose strata cemented off? ☐ Yes ☒ No Depth \_\_\_\_\_  
Was a drive shoe used? ☒ Yes ☐ No  
Was well gravel packed? ☐ Yes ☒ No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Did any strata contain unusuable water? ☐ Yes ☒ No  
Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_

Static level 12 ft. below land surface Date 8-27-64  
Artesian pressure \_\_\_\_\_ lbs. per square inch Date \_\_\_\_\_

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield: gal./min. with ft. drawdown after hrs

39 39 39 39

22 23 24 25

Bailer test 60 gal./min. with 20 ft. drawdown after hrs

Artesian flow \_\_\_\_\_ g.p.m. Date \_\_\_\_\_

Temperature of water \_\_\_\_\_ Was a chemical analysis made? ☐ Yes ☒ No

Diameter of well below casing 8 inch

Depth drilled **50** ft. Depth of completed well **50** ft.

**Formation:** Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

[illegible]

Work started	8-24	19	64	Completed	8-27	19	64
Date well drilling machine moved off of well	8-28	19	64				

**(13) PUMP:**

Manufacturer's Name .....

Type: \_\_\_\_\_ H.P. \_\_\_\_\_

**Water Well Contractor's Certification:**

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME ALLISON Dr/g. Co.  
(Person, firm or corporation) (Type or print)

Address RR 2 Box 309C Hermiston, OR

Drilling Machine Operator's License No. 300

[Signed] A. L. Allison

Contractor's License No. 419 Date 8-31 19 6

(USE ADDITIONAL SHEETS IF NECESSARY)



Contractor's License No. 02 Date 2-11, 1979



The original and first copy  
of this report are to be  
filed with the

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date  
of well completion

RECEIVED  
JUN 6 1973

WATER WELL REPORT

STATE OF OREGON

MAR 7 1973

State Well No.

2N/34E-4

Please type or print

STATE ENGINEER

STATE ENGINEER

State Permit No.

SALEM, OREGON

SALEM, OREGON

## (1) OWNER:

Name L. L. Dickerson  
Address 122 SE 19th  
Pendleton, Oregon

## (2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

## (3) TYPE OF WELL:

Rotary ☒ Driven ☐  
Cable ☐ Jetted ☐  
Dug ☐ Bored ☐

## (4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐  
Irrigation ☐ Test Well ☐ Other ☐

## (5) CASING INSTALLED:

Threaded ☐ Welded ☐

8" Diam. from 0 ft. to 21 ft. Gage  
6" Diam. from 21 ft. to ft. Gage  
" Diam. from ft. to ft. Gage

## (6) PERFORATIONS:

Perforated? ☐ Yes ☒ No.

Type of perforator used

Size of perforations in. by in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.

## (7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name  
Type Model No.  
Diam. Slot size Set from ft. to ft.  
Diam. Slot size Set from ft. to ft.

## (8) WELL TESTS:

Drawdown is amount water level is  
lowered below static level

Was a pump test made? ☒ Yes ☐ No If yes, by whom? Larry Burd  
20 gal./min. with ft. drawdown after hrs.

95# air pressure  
Barrel test gal./min. with 254 ft. drawdown after hrs.

Artesian flow 10 g.p.m.  
Temperature of water 60 Depth artesian flow encountered 450 ft.

## (9) CONSTRUCTION:

Well seal—Material used Cement  
Well sealed from land surface to 33 ft.  
Diameter of well bore to bottom of seal 8 in.  
Diameter of well bore below seal 6 in.  
Number of sacks of cement used in well seal 13 sacks  
Number of sacks of bentonite used in well seal 2 sacks  
Brand name of bentonite  
Number of pounds of bentonite per 100 gallons  
of water lbs./100 gals.  
Was a drive shoe used? ☒ Yes ☐ No Plugs Size: location ft.  
Did any strata contain unusable water? ☐ Yes ☒ No  
Type of water? depth of strata  
Method of sealing strata off  
Was well gravel packed? ☐ Yes ☒ No (Size of gravel: ft.)  
Gravel placed from ft. to ft.

## (10) LOCATION OF WELL:

County Umatilla Driller's well number  
1/4 1/4 Section 34E T. 4 R. 2N W.M.  
Bearing and distance from section or subdivision corner

## (11) WATER LEVEL: Completed well.

Depth at which water was first found 21 ft.  
Static level Flowing ft. below land surface. Date Feb 13, 73  
Artesian pressure 30 lbs. per square inch. Date Feb 13, 73

## (12) WELL LOG:

Diameter of well below casing 6"

Depth drilled ft. Depth of completed well 462 ft.

Formation: Describe color, texture, grain size and structure of materials;  
and show thickness and nature of each stratum and aquifer penetrated,  
with at least one entry for each change of formation. Report each change in  
position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
SOIL	0	1	
Gravel	1	21	8
BASALT gray	21	155	15
CLAY green	155	158	
BASALT gray	158	230	
CLAY green	230	235	
BASALT gray	235	462	flowing

8" CASING DRIVEN TO 21'  
6" CASING CEMENTED IN  
8" HOLE TO 36' LEVEL  
BY POURING IN CEMENT THRU 9"  
PIPE AND PRESSURE FORCED INTO HOLES

Work started 1-19-1973 Completed 2-13-1973  
Date well drilling machine moved off of well 2-14-1973

## Drilling Machine Operator's Certification:

This well was constructed under my direct supervision.  
Materials used and information reported above are true to my  
best knowledge and belief

[Signed] Jan Helzner Date 2-28, 1973  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 181

## Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is  
true to the best of my knowledge and belief.

Name Larry Burd well Drilling  
(Person, firm or corporation) (Type or print)

Address P.O. Box 417

[Signed] Larry Burd  
(Water Well Contractor)

Contractor's License No. 549 Date 2-28, 1973

NOTICE TO WATER WELL DRILLER  
The original and copy  
of this report are to be  
filed with the

N.C.

# WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

STATE ENGINEER, SALEM, OREGON  
within 30 days from the date  
of well completion

RECEIVED  
JUN 18 1969  
STATE ENGINEER  
SALEM, OREGON

State Well No. 2N/35-6

State Permit No. \_\_\_\_\_

## (1) OWNER:

Name BILL OUNLAVY  
Address 1212 N.W. GILLIAM, PENNINGTON, ORE

## (2) TYPE OF WORK (check):

New Well ☐ Deepening ☒ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

## (3) TYPE OF WELL:

Rotary ☒ Driven ☐  
Cable ☐ Jetted ☐  
Dug ☐ Bored ☐

## (4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐  
Irrigation ☐ Test Well ☐ Other ☐

## (5) CASING INSTALLED: NONE

Threaded ☐ Welded ☐  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

## (6) PERFORATIONS: NONE

Perforated? ☐ Yes ☒ No.

Type of perforator used \_\_\_\_\_

Size of perforations	in.	by	in.
perforations from _____	ft.	to _____	ft.
perforations from _____	ft.	to _____	ft.
perforations from _____	ft.	to _____	ft.
perforations from _____	ft.	to _____	ft.
perforations from _____	ft.	to _____	ft.

## (7) SCREENS:

Well screen installed? ☐ Yes ☒ No

Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

## (8) WATER LEVEL: Completed well.

Static level 5' BEFORE DEEPENING ft. below land surface Date 6-10-69  
Artesian pressure 7.5 lbs. per square inch Date 6-10-69

## (9) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Yield APPROX 85 gal./min. with ROTARY drawdown after 1 hrs.

Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.

Artesian flow MIN 15 g.p.m. Date 6-10-69

Temperature of water 52° Was a chemical analysis made? ☐ Yes ☒ No

## (10) CONSTRUCTION: Drilled 4 in by

Well seal—Material used NONE D.K. Smith

Depth of seal \_\_\_\_\_ ft.

Diameter of well bore to bottom of seal \_\_\_\_\_ in.

Were any loose strata cemented off? ☐ Yes ☒ No Depth \_\_\_\_\_

Was a drive shoe used? ☐ Yes ☒ No

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? \_\_\_\_\_ depth of strata \_\_\_\_\_

Method of sealing strata off \_\_\_\_\_

Was well gravel packed? ☐ Yes ☒ No Size of gravel: \_\_\_\_\_

Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

## (11) LOCATION OF WELL:

County UMATILLA Driller's well number \_\_\_\_\_  
Section 6 T. 2N R. 35E W.M.

Bearing and distance from section or subdivision corner \_\_\_\_\_

## (12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 75 ft. Depth of completed well 102' ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
BLACK BASALT	27	30	5'
BROKEN BLACK BASALT	30	34	
GRAY BASALT	34	40	
BLACK HONEYCOMB GREEN BENTONITE (WATER)	40	42	
RED+BLACK HONEYCOMB+GREEN BENTONITE (WATER)	42	46	
BROKEN GRAY BASALT+GREEN BENTONITE (ARTESIAN WATER)	46	58	
RED+BLACK HONEYCOMB+GREEN BENTONITE	58	63	ARTESIAN
BLACK HONEYCOMB+GREEN BENTONITE	63	71	
RED+BLACK HONEYCOMB+GREEN BENTONITE	71	74	
BLACK HONEYCOMB+GREEN BENTONITE	74	81	
BROKEN GRAY BASALT	81	90	
BROKEN BLACK BASALT	90	93	
BROKEN GRAY BASALT	93	98	
GRAY BASALT	98	102	

Work started 6-10 19 69 Completed 6-10 19 69

Date well drilling machine moved off of well 6-10 19 69

## Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Rudd W. Davis Date 6/11 19 69  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 147

## Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Rudd W. Davis (Person, firm or corporation) (Type or print)

Address P.O. Box 162 M.S. One

[Signed] Rudd W. Davis (Water Well Contractor)

Contractor's License No. 159 Date 6/11 19 69





# **Appendix C**

## **Building Department Records and Permit Applications**

54255 T2N-R34-S05 TL: 2400

Control No.

STATE OF OREGON

PERMIT NO.

30-54255

## DEPARTMENT OF ENVIRONMENTAL QUALITY

\$ 490.00  
Fee

New Construction



Repair



Other

Geog.

Permit Issued To

MARVIN PICARD

(Property Owner's Name)

2N  
(Township)34E  
(Range)05  
(Section)2400  
(Tax Lot / Acct. No.)Umat  
(County)out Kirkpatrick Rd  
(Road Location)Pdt/Dayton  
(City)Larry E Lemkau  
(Issued by - Signature)6-22-98  
(Date Issued)

## PERMITS ARE NOT TRANSFERABLE

ALL WORK TO CONFORM TO OREGON ADMINISTRATIVE RULES, CHAPTER 340. WORK SHALL BE DONE BY PROPERTY OWNER OR BY LICENSED SEWAGE DISPOSAL SERVICE. (MAKE NO CHANGES IN LOCATION OR SPECIFICATIONS WITHOUT WRITTEN APPROVAL)

## SPECIFICATIONS

EXPIRATION DATE

June 22, 1999

TYPE OF SYSTEM

Standard

Design Sewage Flow

450

Gallons/Day

Tank Volume

1000

Gallons

Disposal Trenches ☐Seepage Bed(s) ☐

450

Square Feet

Maximum Depth

30

inches.

Minimum Depth

24

inches.

225

Linear Feet

Equal ☐Loop ☐Serial ☒Pressurized ☐

Minimum Distance Between Trenches

Total Rock Depth

12

inches.

Below Pipe

6

inches.

Above Pipe

2

inches.

☐ Rake Sidewall

Special Conditions (Follow Attached Plot Plan)

Tredham. A Detailed As-built and Certification of final Const. required must precede pre-cover

PRE-COVER INSPECTION REQUIRED -- CONTACT

1576-4063

## CERTIFICATE OF SATISFACTORY COMPLETION

As-Built Drawing

with Reference Locations

Installer

Tredham

Final Insp. Date

☐ Inspected By☐ Issued by Operation of Law

☒ Pre-cover inspection waived pursuant to OAR 340, Division 71

As-built & Cert of final Const. rec'd  
in accordance to Geog Special Construction

In accordance with Oregon Revised Statute 454.665, this Certificate is issued as evidence of satisfactory completion of an on-site sewage disposal system at the location identified above.

Issuance of this Certificate does not constitute a warranty or guarantee that this on-site disposal system will function indefinitely without failure.

(Authorized Signature)

(Title)

(Date)

(Office)

RECEIVED  
(Date Received)  
JUL 14 1998  
State of Oregon  
Dept. of Environmental Quality  
Eastern Region - Pendleton

## FINAL INSPECTION REQUEST AND NOTICE

Pursuant to the requirements within ORS 454.665, OAR 340-71-170 and OAR 340-71-175, the system installer and/or the permittee must notify the Department of Environmental Quality (or its authorized Agent) when the construction, alteration or repair of a system for which a permit was issued is completed (except for the backfilling or covering of the installation). The Department (or Agent) has 7 days to perform an inspection of the completed construction after the official notice date, unless the Department (or Agent) elects to waive the inspection and authorizes the system to be backfilled earlier. Receipt and acceptance of this completed form by the Department (or Agent) establishes the official notice date of your request for the pre-cover inspection. Please complete all four sections of the form and return it to the office that issued the permit. Forms that are determined to be incomplete will be returned.

### SECTION 1: BASIC INFORMATION.

Property Owner MARVIN PICARD Permit Number 54253 County Umatilla  
Township 2N; Range 34E; Section 05; Tax Lot 2400; Tax Acct. # \_\_\_\_\_  
Job Location Out Kirkpatrick RD  
Date System Construction Completed 7/9/98; Date Submitted to DEQ or Agent 7/14/98

### SECTION 2: MATERIALS LIST. Identify and list all materials used in the system's construction.

<u>Tresham 1000 gal Septic Tank</u>	<u>3034 5/8" Bowls</u>
<u>Tuff Tite Pipes</u>	<u>4 Balers Straw</u>
<u>Access and Header Pipe 3034</u>	
<u>2729 Drain Field Pipe 225'</u>	
<u>17 yds 1 1/2" washed Rock</u>	
<u>Tuff Tite Prop Box</u>	
<u>Fence Columns</u>	

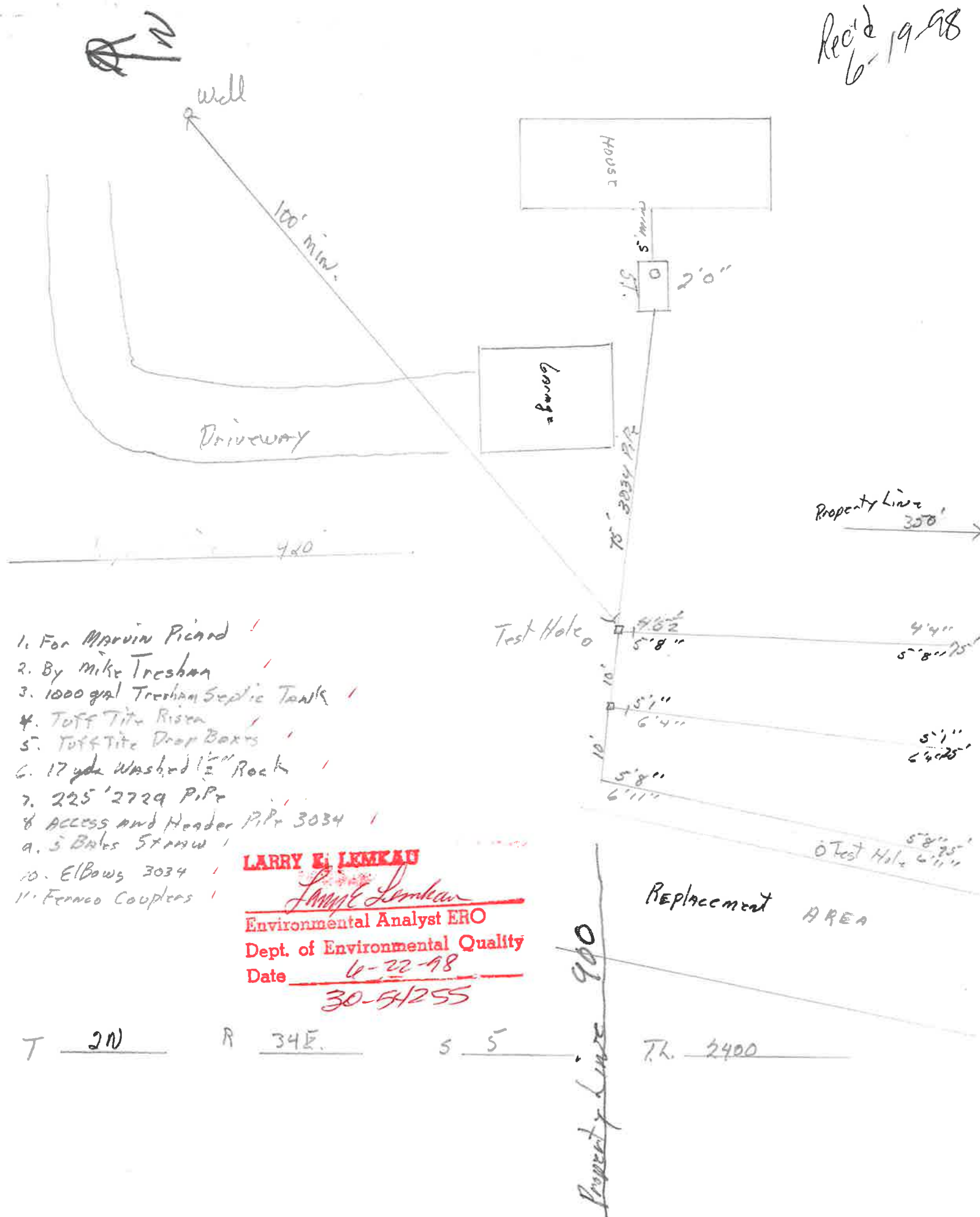
### SECTION 3: CONSTRUCTION WAS PERFORMED BY:

\_\_\_\_ Property Owner (Permittee)  
☒ Sewage Disposal Service Business: Mike Tresham Backhoe Service, \_\_\_\_\_ (Print)  
Full Business Name) (License Number)

I certify the information provided in this notice is correct, and that the construction of this system was in accordance with the permit and the rules regulating the construction of on-site sewage disposal systems (OAR Chapter 340, Divisions 71 and 73).

Mike Tresham, owner, 7/14/98  
(System Installer's Signature) (Title) (Date)

Rec'd 6-19-98



1. For Marvin Picard
2. By Mike Treshan
3. 1000 gal Treshan Septic Tanks
4. Tuff Tite Riser
5. Tuff Tite Drop Boxes
6. 17 yds Washed 1 1/2" Rock
7. 225' 2729 P.P.
8. Access and Header P.P. 3034
9. 5 Bales Straw
10. Elbows 3034
11. Fernco Couplers

**LARRY E. LEMKEAU**  
*Larry E. Lemkeau*  
 Environmental Analyst ERO  
 Dept. of Environmental Quality  
 Date 6-22-98  
30-91255

T 2N R 34E S 5 T.R. 2400  
 Property Line 900  
 Replacement AREA





# Oregon

John A. Kitzhaber, M.D., Governor

## Department of Environmental Quality

Eastern Region

700 SE Emigrant

Suite 330

Pendleton, OR 97801

(541) 276-4063 Voice/TDD

FAX (541) 278-0168

This form is an attachment to Building Codes Division's Application for Structural Permit, Application for Plumbing Permit, or other similar forms used by local jurisdictions. This form provides notification to Building Officials or offices having jurisdiction that an approved method of on-site sewage disposal has been accounted for. This notice only pertains to the specific project noted below.

**NOTE:** The applicant is responsible for retention and delivery of this form to the Building Codes Division office or other local office having jurisdiction.

**Property Owner:**

Marvin Ricard

**Property Location:**

T 2N R 34E S 05 Tax Lot # 2400 County Umat

Site Address, if known: \_\_\_\_\_

**Project Description:** Structure or Action Type: (describe)

Residential Dwelling  
Cond

Domestic Wastewater:

Yes ☒ No ☐

Industrial Wastewater:

☐ ☒

Pump Required:

☐ ☒

Permit/Approval Issue Date:

6-22-89

Permit/Approval Expiration Date:

6-22-99

Permit #

30-54255

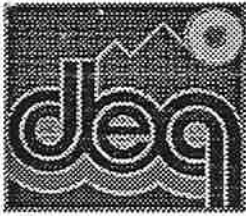
Comments: \_\_\_\_\_

**Authorized Signature:**

Larry E. Lusk

Date:

6-22-98



DEPARTMENT OF ENVIRONMENTAL QUALITY  
EASTERN REGION PENDLETON  
700 SE EMIGRANT SUITE 330  
PENDLETON, OR 97801  
(541) 276-4063 or 1-800-452-4011

FOR OFFICE USE ONLY  
Date Received: 6-19-98  
Date Completed: \_\_\_\_\_  
Required Fee: \$498.00  
Receipt No.: 83669  
Control No.: \_\_\_\_\_

19804

## ON-SITE SEWAGE DISPOSAL APPLICATION

PLEASE PRINT

Marvin Picard  
Property Owner's name

Mike Trosham  
Applicant's Name if Different from Owner

2N  
Township

34E  
Range

5  
Section

2400  
Tax Lot #

40 ac.  
Lot Size

Umatilla  
County

Subdivision Name

Lot #

Block #

Acreage

Proposed Facility:

☒ Single Family Residence 3 Number of Bedrooms          Public Water Supply (Community System)

         Other- Specify          ☒ Private Water Supply  
Specify Type well  
(Well, Spring, etc.)

Existing Facility:

         Single Family Residence          Number of Bedrooms          Other- Specify         

### APPLICATION FOR (CHECK ONE OF THE FOLLOWING)

- ☐ SITE EVALUATION
- ☒ PERMIT TO CONSTRUCT
- ☐ PERMIT TO REPAIR
- ☐ PERMIT FOR ALTERATION
- ☐ PERMIT FOR RENEWAL
- ☐ EXISTING SYSTEM EVALUATION
- ☐ PLAN REVIEW
- ☐ OTHER (SPECIFY)

- AUTHORIZATION NOTICE
- ☐ CONNECT TO AN EXISTING SYSTEM NOT IN USE
- ☐ REPLACE M-H WITH ANOTHER OR A HOUSE
- ☐ ADDITION OF ONE OR MORE BEDROOMS
- ☐ PERSONAL HARDSHIP
- ☐ TEMPORARY HOUSING
- ☐ OTHER (SPECIFY)

THIS APPLICATION WILL BE RETURNED IF IT IS NOT FILLED OUT COMPLETELY AND ACCOMPANIED BY THE APPROPRIATE FEE AND ATTACHMENTS REQUIRED IN THE GUIDANCE PACKET. YOUR SITE MUST BE PREPARED ACCORDING TO INSTRUCTIONS IN THE GUIDANCE PACKET BEFORE ACTION CAN BE TAKEN ON THIS APPLICATION.

By my signature, I certify that the information I have furnished is correct and hereby grant the Department of Environmental Quality and its authorized agent permission to enter into the above described property for the purpose of this application.

Mike Trosham  
Signature 6/16/98  
Date

- ☐ Owner
- ☐ Authorized Representative
- ☒ Licensed Installer License No.

Owner's Mailing Address

Applicant's Mailing Address (if different)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mike Trosham  
P.O. Box 597  
Pilot Rock OR 97867

Phone: \_\_\_\_\_  
rev.4/96 ER

Phone: 443-3841

LAND USE COMPATIBILITY STATEMENT  
FOR ON-SITE SEWAGE DISPOSAL SYSTEMS

APPLICANT'S NAME <i>Marvin Picard</i>	MAILING ADDRESS		TELEPHONE NUMBER
	CITY	STATE	ZIP CODE
TOWNSHIP <i>2N</i>	RANGE <i>34E</i>	SECTION <i>5</i>	TAX LOT OR ACCOUNT NO. <i>2400</i>
SUBDIVISION/PROJECT <i>N/A</i>	LOT <i>N/A</i>	BLOCK <i>N/A</i>	COUNTY <i>CTUIR, Umatilla Co.</i>
<input checked="" type="checkbox"/> PROPERTY IS A LOT OF RECORD CREATED BEFORE APRIL 15, 1974 OR BY LEGAL PARTITION <i>Non-Conforming Legal Lot of Record.</i>			

PROPOSED LAND USE

*Residential Dwelling*

STATEMENT OF COMPATIBILITY FROM APPROPRIATE LAND USE AUTHORITY

(An equivalent statement may be provided in lieu of this form)

PROPERTY'S ZONING DESIGNATION

*A6-2, Farm Pasture*

THE ABOVE PROPOSAL HAS BEEN REVIEWED AND FOUND TO BE:

☐ COMPATIBLE WITH THE LCDC ACKNOWLEDGED  
COMPREHENSIVE PLAN

OR

☒ COMPATIBLE WITH TRIBAL COMPREHENSIVE PLAN

☐ CONSISTENT WITH THE STATEWIDE  
PLANNING GOALS

☒ COMPATIBLE WITH THE LAND DEVELOPMENT CODE

REASON FOR FINDING OF COMPATIBILITY/INCOMPATIBILITY

*Non-Conforming status allows one Dwelling.*

PROPERTY IS LOCATED (CHECK ONE):

☐ INSIDE CITY

☐ INSIDE URBAN GROWTH BOUNDARY

☒ OUTSIDE URBAN GROWTH  
BOUNDARY

CONFEDERATED TRIBES  
of the

*Umatilla Indian Reservation*

TRIBAL PLANNING OFFICE

Terry Davis  
Assistant Planner



*Office*  
Rural Resources, Confederated Tribes of the Umatilla Indian Reservation

Code Administrator

*Assistant Planner*

DATE

*4/15/97*

STATEMENT OF SITE STATUS

NAME: Mike Tresham

ADDRESS: P.O. Box 597 Pilot Rock S.D.

TOWNSHIP: 2N RANGE: 34E SECTION: 5 TAX LOT 2400

COUNTY: umatilla

I certify by my signature the area for the initial and replacement on-site sewage disposal system has not been cut, filled or altered in any way since the original site evaluation was performed by the Department of Environmental Quality.

DATE 6/16/98 SIGNED Mike Tresham

LARRY E. LEMKAU  
JEL

Environmental Analyst s.d.  
Dept. of Environmental Quality  
Date 6-22-98  
30-54255

October 24, 1997

Jack R Purchase  
PO Box 986  
Pendleton OR 97801

Re: Site Evaluation Report  
T2N-R34-S5: TL 2400  
Umatilla County

Dear Mr. Purchase:

An evaluation for an on-site sewage disposal system has been completed for a site on the above tax lot in Umatilla County.

The site is approved for a standard on-site sewage disposal system with serial distribution in the approved area.

Requirements for a 450 gallon design flow are as follows:

1. A minimum of 225 lineal feet of disposal trenches;
2. Maximum trench depth 30 inches; minimum depth 24 inches;
3. A 1000 gallon septic tank with maintenance riser (minimum 20 inch diameter);and,
4. An equally-sized drainfield replacement area.

Please refer to the enclosed field worksheet for more detailed information.

A Construction Permit is required to install the proposed sewage disposal system on the approved site. An application and Construction Permit guide are enclosed.

Please review the attached field worksheet, and follow the enclosed guide for permit application requirements.



Geog.

# SITE EVALUATION FIELD WORKSHEET

Tax Reference T2N R34E S40.05; TL 2400 Evaluator JEY  
Applicant Jack Parchare R. Date 10-23-97 Parcel Size 40AC

Depth		Texture	Soil Matrix Color and (Mottling), % Coarse Fragments, Roots, Depth Texture Structure, Layer Limiting Effective Soil Depth, etc.	
Pit 1	0-52	1/2 ft. loam	10YR 3/3; 15BK; few fine roots	1
	52-70	degradable parent mat'l		1
				1
				1
Pit 2	0-50	Sub loam		2
	50-	degradable parent mat'l		2
				2
				2
Pit 3				3
				3
				3
				3

Landscape Notes Convol linear  
Slope Approx 7-8% Aspect No Groundwater Type \_\_\_\_\_  
Other Site Notes: Drainfield(s) to be 100' from any ground water or year-round surface water. Septic tank to be 50' from any ground water or surface water.

## SYSTEM SPECIFICATIONS

Type System: STANDARD Design Flow 450 gpd Disposal Field Size 225 Linear Feet  
Initial Serial System Sizing 75 /150g. Max. Depth Absorption Facility (in) 30; 24  
Replacement Serial System Sizing 75 /150g. Max. Depth Absorption Facility (in) 30; 24

Special Conditions: A detailed site development plan of proposed system construction (in area of approved test holes) is required with construction permit application. Plan must identify septic tank location, size, and manufactures name, building, effluent sewer pipe size and ID numbers, distribution or drop box manufacture, cross section of disposal trench, gravel specifications, spacing between trenches, ground and pipe elevations throughout the system. Locate approved test holes as they relate to system placement. In addition to the above, the plan needs to locate the systems placement as it relates to existing or proposed structures, wells, waterways, roads and parking areas. \*We recommend a DEQ licensed sewage disposal business prepare plans and do eventual installation after DEQ construction permit issuance.