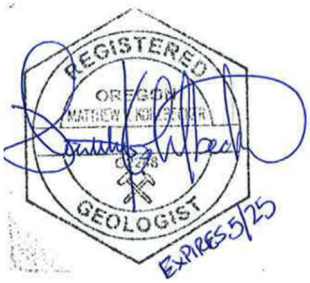
TECHNICAL MEMORANDUM

Beneficial Water Use Determination, Proposed Advance (Class A) Treated Wastewater Infiltration System, Mill City, Oregon

To: Mary Camarata, Department of Environmental Quality

From: Jesse Hall, GIT, GSI Water Solutions, Inc.
Erik Hedberg, PE, GSI Water Solutions, Inc.
Matt Kohlbecker, RG, GSI Water Solutions, Inc.



CC: Peter Olsen, PE, Keller Associates, Inc.
Pamela Villarreal, PE, Keller Associates, Inc.
Kevin Stewart, PE, Keller Associates, Inc.
Dallin Stephens, PE, Keller Associates, Inc.
Jason Keller, RG, GeoSystems Analysis, Inc.
Chris Einmo, PE, Marion County

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Date: November 26, 2024

1. Introduction and Purpose

This technical memorandum (TM), prepared by GSI Water Solutions, Inc. (GSI), summarizes a Beneficial Water Use Determination (BWUD) completed to support an evaluation of the feasibility of treated wastewater infiltration in the Cities of Gates and Mill City, Oregon. This BWUD was prepared in general accordance with the Oregon Department of Environmental Quality (DEQ) *Guidance for Conducting Beneficial Water Use Determinations at Environmental Cleanup Sites* (DEQ, 1998) and in response to DEQ comments received on February 26, 2024, to the GSI report *Evaluation of the Environmental Fate and Transport of Residual Pollutants from an Advance (Class A) Treated Wastewater Infiltration System, Mill City, Oregon* (GSI, 2024a).

This BWUD specifically evaluates beneficial uses of groundwater and surface water in the vicinity of a proposed Rapid Infiltration Basin (RIB) facility, also referred to as an advance (Class A) treated wastewater infiltration system, to be located at Site GM1 (Figure 1).

1.1 Project Background

Gates and Mill City have partnered to develop a modern wastewater treatment system that will treat wastewater to Class A standards before discharge into a series of RIBs. In Gates, infiltration of wastewater currently occurs at individual septic systems with minimal treatment. In Mill City, municipal wastewater is disposed of using a three-decades-old recirculating gravel filter treatment system and drainfield located adjacent to the Santiam River (Figure 1); this drain field is at the end of its usable life and cannot be expanded.

The proposed modernized wastewater treatment system at Site GM1 will allow the Cities of Gates and Mill City to meet 2045 projected wastewater generation rates while also establishing a wastewater treatment facility farther from the Santiam River (about 2,200 feet from the center of the RIB area, along the groundwater flow path). In addition, the new facility will treat typical wastewater constituents ammonia, nitrate, total suspended solids (TSS), and biological oxygen demand (BOD) to significantly lower levels than the current system. The increased separation between the river and the new treatment facility will result in an increased travel time for infiltrated wastewater migrating toward the river, which will result in increased attenuation of pollutants commonly found in treated wastewater, including nitrates.

GSI is in the process of completing groundwater modeling of the proposed RIB facility at Site GM1 to assess predicted attenuation of nitrates and other residual contaminants commonly found in treated wastewater effluent. GSI's modeling results will be provided in a separate report.

1.2 Scope

The scope of this BWUD includes the following:

- Summarize regional and local geology.
- Summarize regional and local hydrology and hydrogeology.
- Establish the Locality of the Facility (LOF).
- Identify current and reasonably likely future land and water uses in the vicinity of Site GM1.
- Review available water well logs, surface water diversions, and water rights information within a ½ mile of Site GM1.
- Present conclusions regarding GSI's evaluation of beneficial uses of water.

Elements of this BWUD include the site description, setting, and water quality (Section 2); a discussion of the LOF (Section 3); beneficial uses of land (Section 4); beneficial uses of water (Section 5); pumping influences (Section 6); and conclusions regarding the beneficial uses of nearby groundwater and surface water (Section 7).

2. Site Description, Setting, and Water Quality

This section summarizes background information regarding the advance (Class A) treated wastewater infiltration system proposed for Gates and Mill City, Oregon, including site location information (Subsection 2.1), site geologic information (Subsection 2.2), site hydrogeologic information (Subsection 2.3), and a discussion of water quality (Subsection 2.4).

2.1 Site Location

Site GM1 is located southeast of Mill City, Oregon, city limits (Figure 1). Mill City is located in Linn and Marion Counties, situated within the North Santiam River basin of the Central Cascades. The North Santiam River runs directly through the city, which had a population 1,976 as of 2020 (U.S. Census Bureau, 2020). The proposed RIBs at Site GM1 would border the city limits to the east, approximately 2,200 feet southeast of

the Santiam River (Figure 2). The proposed RIBs are planned to be excavated to a depth of approximately 1 to 2 feet below ground surface (bgs) and encompass a total area of approximately 2 acres when fully scaled to meet the planned 2045 system operation.

2.2 Geologic Setting

North Santiam River basin geology is predominantly volcanic and can be classified into three distinct regions: High Cascades, Western Cascades and Foothills, and Willamette River Valley (Sobieszczyk et al., 2007). Mill City sits almost directly on the divide between the Western Cascades and Foothills region and Willamette River Valley region. The lower portion of the Western Cascades and Foothills region, where Mill City is located, is characterized by undifferentiated Miocene-age debris flows and clastic rocks, Quaternary-age terrace deposits and lag gravels, and landslide and debris flow deposits (Sobieszczyk et al., 2007). The Willamette River Valley is underlain by the Columbia River Basalts, Cascadian volcanic rocks, and/or marine sediments, while the valley floor hosts alluvial and colluvial deposits.

Site GM1 and the proposed RIBs are located in the Santiam Valley floor where borings drilled to 90 feet bgs indicate local near-surface geology consists of unconsolidated sediments of varying grain sizes ranging from silts to boulders. From the surface downward, lithology at Site GM1 consists of lenses of sand and silt hosted in a more extensive gravel layer, indicative of a fluvial depositional environment. A regional silt/clay layer appears to be present from a depth of 45 to 85 feet bgs at Site GM1. A cross section (location shown on Figure 3) illustrating subsurface geology and stratigraphy is presented on Figure 4.

2.3 Hydrogeologic Setting

The North Santiam River basin typically has warm and dry summers with cool and wet winters. Total precipitation varies significantly between the lowlands and the high Cascades. A nearby meteorological station at Detroit Dam, approximately 40 miles northeast of Site GM1 and located in the high Cascades, recorded a total rainfall of 102.32 inches for 2022 (USGS, 2024). A nearby meteorological station in Lyons, Oregon, approximately 7 miles west of Site GM1 and located in the lowlands, recorded a total rainfall of 64.26 inches for 2022. The meteorological station in Lyons is likely more representative of precipitation in Mill City. GSI (2024b) found that the recharge rate at Site GM1 ranged from 29.95 to 38.19 inches during the 2024 water year based on the water table fluctuation method.

Locally, Site GM1 sits above a shallow unconfined aquifer, with groundwater elevations ranging from approximately 841 to 832 feet above mean sea level (amsl) based on groundwater elevation measurements in June 2024. There is no active irrigation upgradient of the site, and groundwater at Site GM1 is recharged chiefly through infiltration from local precipitation and groundwater flowing into the site from upgradient areas to the southeast. Hydrogeologic investigations completed by GSI and GeoSystems Analysis, Inc. (GSA) concluded subsurface geology at Site GM1 is highly variable, but generally consists of alluvial sand and gravels. Average horizontal hydraulic conductivity at Site GM1 has been calculated as 190 feet per day (GSI, 2024d). Water levels measured in June 2024 indicate that groundwater generally flows from the southeast to the north/northwest through the site and terminates into the North Santiam River to the northwest (GSI, 2024c). This conceptual model is supported by a 2014 U.S. Geological Survey report which concluded the portion of the river near Mill City is a gaining stream where streamflow is supplemented by groundwater (Herrera et al., 2014). Recent investigations by GSI found numerous springs and seeps along the riverbank downgradient of Site GM1, supporting the gaining stream characterization (GSI, 2024d). Figure 5 depicts groundwater elevation contours and inferred groundwater flow direction based on groundwater measurements collected in June 2024.

Well logs identified within a ½ mile radius of Site GM1 are predominantly screened in the near surface unconsolidated aquifer at depths ranging from 22 to 65 feet bgs and in a deeper gravelly aquifer

approximately 90 to 158 feet bgs. A regional silt layer likely acts as an aquitard between the uppermost shallow aquifer and the deeper gravel-dominated aquifer.

2.4 Water Quality

Water quality sampling completed by GSI between May 2023 and June 2024 included analysis of general chemistry constituents, nitrate, perfluorinated alkylated substances (PFAS), and other potential contaminants from Site GM1 monitoring wells, downgradient monitoring wells located at the existing Mill City Wastewater Treatment Plant (WWTP), springs and seeps found along the bank of the Santiam River downgradient of Site GM1, and Santiam River water.

Sampling results from Site GM1 monitoring wells and downgradient wells located at the Mill City WWTP did not show any exceedances of U.S. Environmental Protection Agency (EPA) Safe Drinking Water Act (SDWA) regulatory limits except for two PFAS compounds detected at concentrations slightly exceeding the EPA Maximum Contaminant Level (MCL) of 0.004 micrograms per liter (µg/L) in two monitoring wells sampled. Concentrations of nitrate found in springs and seeps along the Santiam River were elevated compared to Site GM1 monitoring wells (7.92 milligrams per liter [mg/L] vs. 1.1 mg/L, respectively). A detailed summary of GSI's water quality sampling activities is presented in a TM dated August 27, 2024 (GSI, 2024d).

3. Locality of the Facility

The LOF is defined as any point where a human or ecological receptor comes into contact, or is reasonably likely to come into contact, with chemical constituents derived from the site. The LOF considers the likelihood of chemical constituents migrating over time. Preliminary modeling and groundwater quality sampling by GSI indicates nitrate concentrations will be above background concentrations along the predicted flow path from Site GM1 to the North Santiam River. The background concentration of nitrate in groundwater averages 0.556 mg/L (GSI, in press). Nitrate in wastewater will be treated to a concentration of 1 mg/L, and nitrate concentration in wastewater discharge from the RIBs is assumed to be up to 2 mg/L (assuming all ammonia is converted to nitrate). Therefore, it is noted that nitrate concentrations will not exceed the EPA MCL of 10 mg/L.

It should also be noted that the 1 mg/L nitrate concentration in treated wastewater represents a significant improvement in nitrate concentration in wastewater discharges at the existing facility and individual septic systems (which typically range from 20 to 50 mg/L [GSI, 2024a], to 30 to more than 500 mg/L [DOH, 2021], respectively).

For purposes of this BWUD, the LOF for Site GM1 is conservatively assumed to encompass the RIB facility and the associated downgradient advective/dispersive flow path from the RIB facility toward the river as illustrated on Figure 2.

4. Beneficial Uses of Land

From 2000 to 2020, the population of Mill City increased by more than 27 percent, outpacing both the national average and the average for Linn County (U.S. Census Bureau, 2020). Based on the Linn County Zoning Map (Figure 6), Site GM1 is zoned as Urban Growth Area-Farm/Forest (F/F) as well as nearby adjacent areas to the east. This zoning designation is principally to protect areas adjacent to urban centers from the type and intensity of land division or development that would impede future urbanization in the area. Land to the west and northwest of Site GM1, within the LOF, is primarily residential and public, with land zoned as Single Family Residential (R-1) and Rural Residential (RR). The 2015 update of the Mill City Comprehensive Plan does not describe significant changes in land uses in the Mill City area. Current land uses surrounding Site GM1 are anticipated to remain the same in the future with potential expansion of residential land R-1 and RR between Site GM1 and the Santiam River (City of Mill City, 2015).

5. Beneficial Uses of Water

Under the streamlined approach presented in DEQ's guidance (DEQ, 1998), GSI conservatively assumed that: (1) the beneficial water uses of the shallow water-bearing zone at Site GM1 and within the LOF included drinking water, irrigation, and recharge to surface water; and (2) the beneficial uses of the North Santiam River included drinking water, irrigation, recreation, and aquatic habitat.

5.1 Groundwater

GSI completed a search through the Oregon Water Resources Department (OWRD) online well log database (OWRD, 2024a) to determine current groundwater use and potential future groundwater uses near Site GM1 and in the LOF. This included a search for existing water rights, water wells, and potential water right points of diversion/appropriation. Commonstreet Consulting (Commonstreet) also completed water use survey by phone of properties adjacent to the Site GM1.

Water Well Search. GSI conducted a search of the OWRD database for water well logs within a ½ mile radius of the center of the Site GM1. The initial database review revealed 30 potential water wells within the ½ mile search radius. Upon inspection of the associated well logs, GSI removed several wells from the candidate list based on their verified location being outside the ½ mile radius or being abandoned. The final inventory indicates that 19 water wells appear to be located within a ½ mile of the center of Site GM1, as shown on Figure 2. The bulk of these wells are domestic wells ranging from 40 to 248 feet deep. A summary of the water well search is presented in Table 1. Well logs for the water wells shown on Figure 2 are included in Attachment A.

Only one of the 18 wells plotted within a ½ mile of Site GM1 (LINN 1443) is located within the assumed LOF, approximately 560 feet northwest of the center of Site GM1, at 49050 SE Fairview Street. LINN 1443 is a domestic well drilled in 1992 to a depth of 60 feet, has a reported static groundwater level of 20 feet bgs and an estimated yield of 30 gpm. According to reported well construction information, the intake interval of this well is located from 59 to 60 feet bgs, consisting of open borehole below the casing. Although the intake interval for this well is substantially deeper than the proposed RIB facilities, the well is inferred to be hydraulically connected to Site GM1 because of its proximity to the site and the location of the intake interval in the shallow alluvial aquifer (i.e., above the regional silt layer described in Section 2.2).

Water Use Survey. In April 2024, Commonstreet conducted a phone survey of 35 property owners to gather information on whether the property was connected to municipal or private well water sources. When property owners were not available, Mill City supplied information about which properties were connected to the municipal water system. Only one private well (LINN 1443, discussed above), located at 49050 SE Fairview Street in Mill City, was identified from the survey. A table of Water Use Survey results along with copies of returned questionnaires are included in Attachment B.

Groundwater Rights Survey. GSI conducted a search for groundwater rights within a ½ mile radius of the center of the Site GM1 using the OWRD Water Rights Mapping Tool (OWRD, 2024b) (Figure 2). GSI identified the following groundwater rights:

- Permit G-15608 (Certificate 90837): The associated points-of-appropriation (POAs) include LINN 55301 and LINN 56359 (aka Kingwood Wells), located approximately 2,450 feet and 2,800 feet west/southwest (respectively) of the center of Site GM1[1]. This water right allows up to 1.90 cubic feet per second (cfs) for municipal use by Mill City. Based on OWRD well logs for these wells, they range from 166 to 168 feet deep and draw water from interlayered sands and gravels that are 46 to 56 feet thick and more than 100 feet bgs.
- Permit G-6332 (Certificate 87705): The associated POA (LINN 3499) is located approximately 2,780 feet southwest of the center of Site GM1[1]. This water right allows up to 0.67 cfs for up to 52.5 acre-feet per year (AF/yr) for primary irrigation, and up to 241.2 AF/yr for supplemental irrigation.
- Permit G-12557 (Certificate 89682): The associated POAs (LINN 3496 and LINN 2588) are located approximately 2,840 feet and 2,970 feet southwest (respectively) from the center of Site GM1[1]. This water right allows up to 0.086 cfs and 17.2 AF/yr for irrigation.

Figure 2 illustrates the locations of groundwater right POAs, which are summarized in Table 1. Supporting water right documentation is presented in Attachment C.

5.2 Surface Water

General. The North Santiam River, a source of water for several municipalities in the region, is located about 2,200 feet northwest of the center of RIB area, along the groundwater flow path. Previous hydrogeological investigations completed by GSI indicate that groundwater flows from Site GM1 to the northwest, through the existing Mill City WWTP, before discharging into the Santiam River. The resultant LOF and adjacent properties do not source water from groundwater and are instead connected to city municipal water, except for one existing water well (LINN 1443) downgradient of the site as shown on Figure 2.

Surface Water Rights Survey. GSI conducted a search for surface water rights within a ½ mile radius of the center of Site GM1 using the OWRD Water Rights Mapping Tool (OWRD, 2024b) (Figure 2). GSI identified the following surface water rights:

- Permit S-28570 (Certificate 95552): The associated point-of-diversion (POD) is located in the North Santiam River approximately 2,540 feet northeast of the center of Site GM1. This water right allows up to 0.01 cfs for domestic and irrigation use.
- Permit S-23071 (Certificate 23176): The associated POD is located in the North Santiam River approximately 2,230 feet northwest of the center of Site GM1. This water right allows diversion of up to 1.78 cfs and is associated with storage for the former log pond located immediately east of Site GM1. Although the status of the water right is active in the OWRD database, GSI understands that diversion flows for purposes of the log pond are no longer occurring and this water right may be subject to forfeiture.
- Permit S-47258 (Certificate 55815): The associated POD is located in the North Santiam River approximately 2,570 feet northwest of the center of Site GM1. This water right allows diversion of up to 0.04 cfs and 7.25 AF/yr, and is associated with irrigation of 2.9 acres (Kimmel Park) for the City of Mill City.

[1] The measured distance from one or more associated wells to the center of Site GM1 slightly exceeds the specified search distance; however, this search result is included as a conservative measure given the irregular geometry of the overall GM1 Site and proposed RIB facilities relative to the point of origin.

Figure 2 illustrates the locations of surface water right PODs. Supporting water right documentation is presented in Attachment C.

Wetlands Search. The U.S. Fish and Wildlife Service's (USFWS) National Wetland Inventory (NWI) lists two wetland habitats within the LOF downgradient of Site GM1: (1) the North Santiam River is categorized as riverine wetland habitat, and (2) a small portion of the shoreline listed as a freshwater forested/shrub wetland habitat. Additionally, a feature composed of freshwater forested/shrub wetland, freshwater emergent wetland, and lake habitats was identified during the NWI search directly to the east of Site GM1 (Figure 2). Based on prior research, this feature reflects the former log pond feature listed directly east of Site GM1 that was largely filled throughout previous decades as shown in publicly available aerial imagery. The LOF, as defined in Section 3 of this TM, indicates the western margin of the mapped wetland feature shown on Figure 2 nearly intersects the inferred LOF.

6. Pumping Influences

Previous subsurface investigation projects completed by GSI at Site GM1 included the construction of a network of five monitoring wells (GM1-MW1 through GM1-MW5; see Figure 5) instrumented with pressure transducer dataloggers that have monitored groundwater levels continuously since August 2023. Additionally, GSI staff members have been collecting manual water level measurements from monitoring wells located at the Mill City WWTP (Figure 5). The Site GM1 and Mill City WWTP monitoring well network provides a comprehensive dataset of water levels at and downgradient of Site GM1 that allows an evaluation of potential variations in groundwater levels caused by outside pumping influences.

GSI and GSA completed a 16-day infiltration basin pilot test (PIT) at Site GM1, beginning July 29, 2024, and ending August 14, 2024, during which more than 800,000 gallons of water were infiltrated into a 50-foot by 50-foot by 2-foot-deep basin (GSI, 2024e). The objective of this test was to collect data that can be used to evaluate the rate of infiltration within the basin, extent of groundwater mounding beneath the basin, and effect on downgradient groundwater levels during the infiltration test. Groundwater monitoring points were established at Site GM1 monitoring wells and at monitoring wells located at the Mill City WWTP. A hydrograph of groundwater elevations measured from five monitoring wells at Site GM1, GM1-MW1 through GM1-MW5, is shown on Figure 7.

As Figure 7 shows, the PIT at Site GM1 had significant impacts to local groundwater levels immediately downgradient of the infiltration basin. Groundwater levels at monitoring wells GM1-MW1, GM1-MW4, and GM1-MW5 rose significantly during the PIT. However, water levels in monitoring well GM1-MW2 were only marginally affected during the PIT, indicating anisotropic conditions in the aquifer. Water levels at GM1-MW3 were not affected during the PIT, most likely because of its upgradient location relative to the infiltration basin. The hydrograph of GM1 monitoring wells shows a clear oscillatory pattern of depression and recovery of groundwater levels at monitoring wells GM1-MW2 and GM1-MW3, which could be a result of outside pumping influences.

Monitoring well GM1-MW2, located at the northwest corner of Site GM1, shows distinct drawdown and recovery cycles repeated throughout the day, at times as much as 15 to 20 times in 1 day. This random, but frequent, pattern of drawdown and recovery is not observed in other GM1 wells and is most likely the result of repeated drawdown of the shallow aquifer by a nearby residential well (potentially LINN 1443; see Figure 2). Repeated pumping cycles from this well could be the cause of the repeated drawdown of well GM1-MW2 shown on Figure 7.

Monitoring well GM1-MW3, located on the southern margin of Site GM1, shows a clear diurnal oscillatory pattern that could be attributed to outside pumping influence from nearby residential wells. The oscillatory pattern of GM1-MW3 water levels is not observed in any other GM1 monitoring wells and is distinct from the oscillatory pattern observed in GM1-MW2, as the cycle of drawdown and recovery is more regular and more

pronounced. As Figure 2 shows, monitoring well GM1-MW3 is located northwest of (and downgradient of) several water wells identified in GSI's water well search (refer to Figure 2 and Attachment B). A review of these water wells (e.g., LINN 3494, LINN 52280, and LINN 1435) indicates that they are used for domestic purposes, have intake depths ranging from 42 to 125 feet bgs, and have production rates ranging from 20 to 75 gpm. Based on this information, GSI infers that the oscillatory pattern observed at monitoring well GM1-MW3 is a result of pumping from these upgradient wells. The amplitude of observed response at GM1-MW2 and GM1-MW3 is considered minor and is not predicted to have any meaningful impact on the overall groundwater hydraulics at the proposed RIBs.

7. Conclusions

GSI completed a BWUD in general accordance with DEQ guidance to evaluate beneficial uses of groundwater and surface water in the vicinity of a proposed RIB facility, also referred to as an advance (Class A) treated wastewater infiltration system, to be located at Site GM1. GSI presents the following conclusions:

- Site GM1 and adjacent areas to the east are zoned Urban Growth Area-Farm/Forest (F/F). Land to the west and northwest of Site GM1 (within the LOF) is primarily residential and public. Current land uses surrounding Site GM1 are anticipated to remain the same in the future with potential expansion of residential land between Site GM1 and the Santiam River.
- Site GM1 and adjoining properties (with the exception of the property at 49050 SE Fairview Street, the location of domestic well LINN 1443) are connected to the City municipal water system that derives groundwater from two municipal wells (LINN 55301 and LINN 56359, aka Kingwood Wells); one of which is located within the ½ mile search radius. Based on the well locations and construction details, GSI infers that these municipal groundwater supply wells are not in contact with the LOF at Site GM1. Anticipated future water use is expected to remain the same in the future.
- The water well search identified 18 water wells that appear to be located within a ½ mile of Site GM1. Groundwater rights were not associated with any of the 18 wells identified within the ½ mile search radius. Only one of these wells (LINN 1443) is located within the assumed LOF, approximately 150 feet west of the Site GM1 boundary at 49050 SE Fairview Street. According to reported well construction information, the intake interval of this well is located from 59 to 60 feet bgs, consisting of open borehole below the casing. Although the intake interval for this well is substantially deeper than the proposed RIB facilities, the well is inferred to be hydraulically connected to Site GM1 because of its proximity to the site.
- The North Santiam River, a source of water for several municipalities in the region, is located about 2,200 feet northwest of the center of RIB area along the groundwater flow path. GSI's research indicates the presence of three surface water PODs within a ½ mile of Site GM1. One surface water right (Permit S-23071) is associated with the former log pond and is inferred to be forfeited; one surface water right (Permit S-47258) is associated with irrigation of Kimmel Park; and one surface water right (Permit S-28570) is located upstream relative to Site GM1, beyond the limits of the inferred LOF discharge area to the river. Permit S-28570 is the only surface water right identified with a domestic use component; however, the corresponding POD is located a significant distance upstream (and outside the LOF) relative to Site GM1.
- The NWI identified one wetland feature immediately east of Site GM1. Based on GSI's research and field observations, this feature reflects a former log pond (with corresponding surface water right) that is no longer in use. Based on the direction of groundwater flow from Site GM1 and conservative modeling assumptions, GSI infers that this mapped wetland feature is generally located upgradient or cross-gradient relative to the presumed LOF associated with the future RIB facilities.

- Water quality sampling completed by GSI between May 2023 and June 2024 indicates that Site GM1 monitoring wells and downgradient wells located at the Mill City WWTP did not show any exceedances of EPA MCLs, with the exception of two PFAS-related compounds in two monitoring wells sampled. Concentrations of nitrate found in springs and seeps along the Santiam River were elevated compared to Site GM1 monitoring wells (7.92 mg/L vs. 1.1 mg/L, respectively); however, none of the detected concentrations exceeded EPA MCLs. Modeling efforts designed to predict nitrate concentrations in groundwater (within the LOF) resulting from RIB facility operation are underway; however, GSI does not anticipate that any groundwater or surface water uses identified in this study will be impaired as a result of future RIB facility operation.
- GSI reviewed continuous groundwater level data from the array of monitoring wells at Site GM1 to assess potential effects of outside pumping influences on the proposed RIB facility. An oscillatory pattern with a low amplitude was observed in Site GM1 monitoring well GM1-MW3 (and GM1-MW2 to a lesser extent) and is inferred to represent possible offsite pumping influence from one or more water wells located south of Site GM1 (Figure 2). Based on GSI's review of the locations, use and construction details for these wells, and the relatively minor response at only the southernmost (upgradient) monitoring well at Site GM1, GSI concluded that operation of off-site pumping wells is not predicted to have any meaningful impact on the overall groundwater hydraulics at the proposed RIBs.

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Table

Table 1
Summary of Potential Water Wells Within a 1/2 Mile [1] of Site GM1

County Well Report ID	Well Location					Well Construction and Use					Water Levels & Yield					Water Rights					Remarks
	T-R-S/QQ-Q	Tax Lot	Street Address of Well	Location Confidence	Estimated Distance (Bearing) From Center of Site GM1	Owner/Company	Completed Date	Use	Total Depth (ft bgs)	Intake or Screen Interval (ft bgs)	Inferred Hydraulically Connected to Site?	Depth of First Water (ft bgs)	Static Water Level (ft bgs)	Yield (gpm)	Drawdown (ft)	Application #	Permit #	Certificate #	Max Instantaneous Rate (gpm)	Annual Duty (AF/yr)	
LINN 1443	9S-3E-32 NW of NE	417	49050 SE Fairview	High	560 (NW)	Boener, Harold	1992	Domestic	60	Open 59-60	Yes/Downgradient	45	20	30	--	--	--	--	--	--	Property is adjacent/west of GM1 Site
LINN 3494	9S-3E-32 SE of NE	--	49125 Kingwood	High	1,120 (S-SE)	Larson, Gale	1988	Domestic	125	Open 121-125	Limited/Upgradient	112	60	40	--	--	--	--	--	--	
LINN 52280	9S-3E-32 SE of NE	800	49120 Kingwood Ave.	High	1,470 (S)	Judge, Craig	1999	Domestic	130	Open 130	Limited/Upgradient	8	73	75	--	--	--	--	--	--	
LINN 1435	9S-3E-33 SW of NW	700	49190 Kingwood	High	1,560 (SE)	Brown, Thomas	1991	Domestic	42	Open @ 42	Yes/Upgradient	16	16	20	--	--	--	--	--	--	
LINN 55598	9S-3E-33 SW of NW	1805	49230 Kingwood Ave.	High	1,810 (SE)	Lyness, James	2003	Domestic	176	Open 159-176	Limited/Upgradient	90	63	25	--	--	--	--	--	--	Log indicates well is open below 75-ft of clay & silty sand w/clay sequence
LINN 55114	9S-3E-33 SW of NW	1600	49273 Kingwood Ave.	High	1,840 (SE)	Kidwell, Don	2002	Domestic	99	Open @ 99	Limited/Upgradient	95	69	20	29	--	--	--	--	--	Log indicates well is open to deep gravel with water-bearing zone 95-99 ft.
LINN 14525	9S-3E-28 SW of SW	--	40216 Dogwood	Moderate	1,850 (NE)	Pendergraft, Jim	1995	Domestic	59	Open 59-60	Limited/Crossgradient	43	25.5	50	21.5	--	--	--	--	--	Log indicates well is open below 3-ft of "weathered claystone"
LINN 1602	9S-3E-33 NW of NW	--	2120 Dogwood Rd.	High	1,860 (E)	Bradley, Marshall	1992	Domestic	48	38-48	Yes/Crossgradient	30	30	20	--	--	--	--	--	--	
LINN 59062	9S-3E-28 SW of SW	602	49229 Remine Rd.	High	1,900 (N-NE)	Powell, Thomas	2009	Domestic	55	Open 54-55	Limited/Crossgradient (Open below clay unit)	51	12	30	--	--	--	--	--	--	Log indicates well is open below 27-ft of clay sequence
LINN 55447	9S-3E-28 SW of SW	391686	40209 N. Dogwood	High	2,060 (NE)	Lollar, Martin	--	Unknown (Assumed Domestic)	--	--	Unknown/Crossgradient	--	--	--	--	--	--	--	--	--	No well log, Well Identification Record only.
LINN 51342	9S-3E-32 SE of NW	101	650 SE Kingwood	High	2,120 (SW)	Round, Jerilyn	1981	Unknown (Assumed Domestic)	85	--	Yes/Crossgradient	--	--	--	--	--	--	--	--	--	No well log, Well Identification Record only.
LINN 3462	9S-3E-32 NE of NW	--	610 SE 6th St.	Low	2,130 (W)	Dolezal, Charles	1981	Domestic	40	Open 39-40	Yes/Crossgradient	21	13	100	--	--	--	--	--	--	
LINN 3508	9S-3E-33 NW of NW	--	--	Low	2,200 (E-SE)	Hince, Dellis	1963	Domestic	40	31-40	Yes/Crossgradient	--	12	30	3	--	--	--	--	--	Plotted based on residential development in this quarter/quarter
LINN 62499	9S-3E-28 SW of SW	500	49249 Remine Rd.	High	2,260 (NE)	Gifford, Dennis	1948	Domestic	--	--	Unknown/Crossgradient	--	--	--	--	--	--	--	--	--	No well log, Well Identification Record only.
LINN 1625	9S-3E-33 SW of NW	1801	49258 Kingwood Ave.	High	2,320 (SE)	Lyness, Bill	1992	Domestic	96	Open 79-96	Limited/Upgradient (Open below clay unit)	76	60	25	8	--	--	--	--	--	Log indicates well is open below 19-ft of clay sequence
LINN 55506	9S-3E-33 SW of NW	1901	49300 Kingwood Ave.	High	2,450 (SE)	Hirons, Wesley	2003	Domestic	130	Open 99-130	Limited/Upgradient	60	54	17	20	--	--	--	--	--	Log indicates well is open to deep sand/gravel with water-bearing zone 101-130 and sealed off from upper water-bearing zone
LINN 55301	9S-3E-32 NE of NW	3002	Corner of Kingwood & 5th	High	2,450 (W-SW)	City of Mill City	2003	Community/Municipal	168	112-158	Limited/Crossgradient (Screened below clay sequences)	47	32	800	31	G-16101	G-15608	90837	1.00	--	"Kingwood Well #1". Slightly beyond 0.5-mile radius.
LINN 56359	9S-3E-32 NE of NW	3200	Corner of Kingwood & 5th	High	2,800 (W-SW)	City of Mill City	2004	Community/Municipal	166	111-156	Limited/Crossgradient (Screened below clay sequences)	45	42	460	42				0.90	--	"Kingwood Well #2". Slightly beyond 0.5-mile radius
LINN 1149	9S-3E-28 SW of SW	400	40119 Dogwood Dr.	High	2,660 (NE)	Kelly, Pat	1991	Domestic	62	45-65	Yes/Crossgradient	13	18	6.5	38	--	--	--	--	--	
LINN 52311	9S-3E-28 SW of SW	400	40120 Dogwood Dr.	High	2,660 (NE)	Dey, Sharon	1999	Domestic	102	90-97	Limited/Crossgradient	20	11	7.5	90	--	--	--	--	--	Log indicates well is open to deep gravel with water-bearing zone 90-98 ft.
LINN 3496	9S-3E-32 SE of NW	--	420' south / 816' west of NE corner, SE of NW quarter Section 32	High	2,740 (SW)	Don Walker Ranch	1970	Irrigation	160	74-84 140-160	Limited/Crossgradient (Perforated above and below clay sequences)	75	49	250	189	G-14008	G-12557	89682	0.086	17.2	Slightly beyond 0.5-mile radius. Log indicates well is developed above and below clay sequences.
LINN 2588	9S-3E-32 SE of NW	--	1154 4th Ave. SE	High	2,970 (SW)	Walker, Don	1994	Domestic & Irrigation	177	130-172	Limited/Crossgradient (Perforated below silty sand unit)	68	51	440	--						Slightly beyond 0.5-mile radius. Log indicates well is developed in sand/gravel below 10-ft of "fine silty sand".
LINN 3499	9S-3E-32 SE of NW	--	710' south / 720' west of NE corner, SE of NW quarter Section 32	High	2,780 (SW)	Don Walker Ranch	1973	Irrigation	162	147-162	Limited/Crossgradient (Perforated below clay unit)	55	53	50	47	G-6843	G-6332	87705	0.67	52.5 Primary 241.2 Supplemental	Slightly beyond 0.5-mile radius. Log indicates well is developed in sand/gravel below 40-ft of "sandy clay".
LINN 3498	9S-3E-32 SW of NE	3000	1254 SE 4th Ave	High	2,800 (SW)	Walker, Don	1970	Domestic	165	30-150	Yes/Upgradient to Crossgradient	35	10.5	20	50	--	--	--	--	--	Slightly beyond 0.5-mile radius. Log indicates well is developed in rock and "claystone".
LINN 64376	9S-3E-28 SE of SW	300	40115 N. Dogwood Rd.	High	2,820 (NE)	White, Jeff	2023	Domestic	118.5	40-100	Yes/Crossgradient	40	18	3	17	--	--	--	--	--	Slightly beyond 0.5-mile radius
LINN 2587	9S-3E-32 SE of NW	3000	1254 SE 4th Ave.	High	2,870 (SW)	Walker, Don	1994	Domestic	218	145-155 165-215	Limited/Crossgradient (Screened below clay sequences)	65	53	428	110	--	--	--	--	--	Slightly beyond 0.5-mile radius. Log indicates well is developed in sand/gravel below 30-ft of "sandy clay".
MARI 17674	9S-3E-29 SE of SW	--	NE Alder	Moderate	2,880 (NW)	Thomas, Walter	1992	Domestic	150	60-150	No (Across River)	108	1	15	--	--	--	--	--	--	Slightly beyond 0.5-mile radius
MARI 15955	9S-3E-28 NW of SW	--	1,410' north / 700' east of SW corner Sec 28	High	2,920 (NE)	Savage, Athel	1959	Domestic	40	Open 26-40	No (Across River)	10	5	30	20	--	--	--	--	--	Slightly beyond 0.5-mile radius
LINN 64502	9S-3E-32 SE of NW	501	1118 SE 4th Ave.	High	2,940 (W-SW)	Kahler, Nicolas	2024	Domestic	98	Open 98-100	Limited/Crossgradient	60	51	75	--	--	--	--	--	--	Slightly beyond 0.5-mile radius
MARI 62407	9S-3E-29 SW of SW	3900	510 Santiam Pointe Lp.	High	3,920 (NW)	Thomas, Emmet	2009	Domestic	56	39-59	No (Across River)	50	11	25	--	--	--	--	--	--	Slightly beyond 0.5-mile radius. Log indicates well is developed in basalt.

Notes

[1] Due to the size and configuration of the proposed RIBs located within the GM1 Site, potential wells slightly exceeding the 0.5-mile radius are included.

[2] Distances measured from the center of the southeastern-most proposed RIB facility as illustrated on Figure 2.

Potential wells organized by inferred distance from Site GM1.

AF = acre-feet

bgs = below ground surface

ft = feet

gpm = gallons per minute

yr = year

Figures

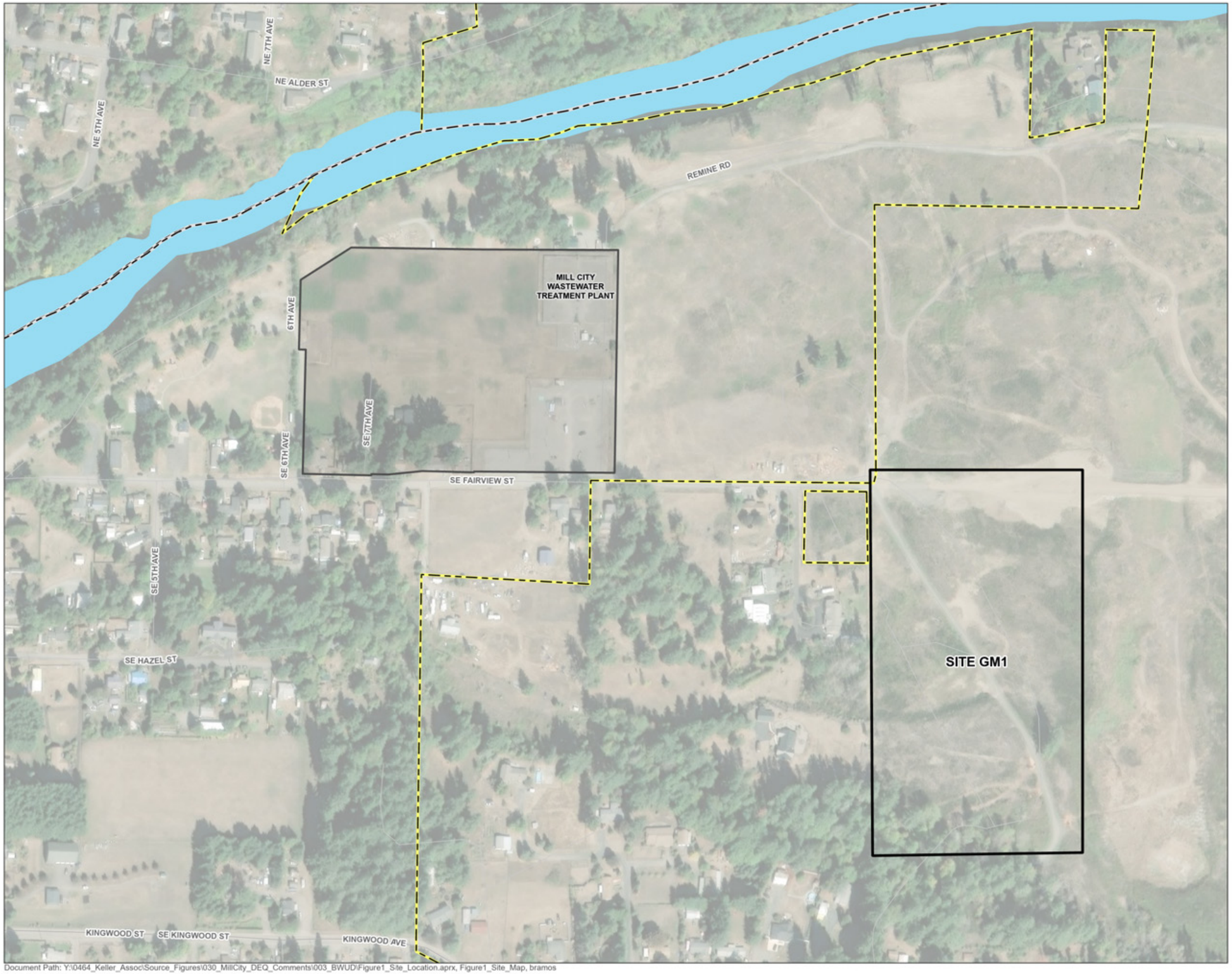


FIGURE 1

Site GM1 Location

Beneficial Water Use Determination for Proposed Advance (Class A) Treated Wastewater Infiltration System - Mill City, OR

LEGEND

- Wastewater Treatment Plant (WWTP) Drainfield Boundary
- Site GM1

All Other Features

- County Boundary
- City Boundary
- Major Road
- Watercourse

N

0 140 280 420

FEET

Date: October 9, 2024
Data Sources: BLM, ESRI, ODOT, USGS, Imagery (2022)

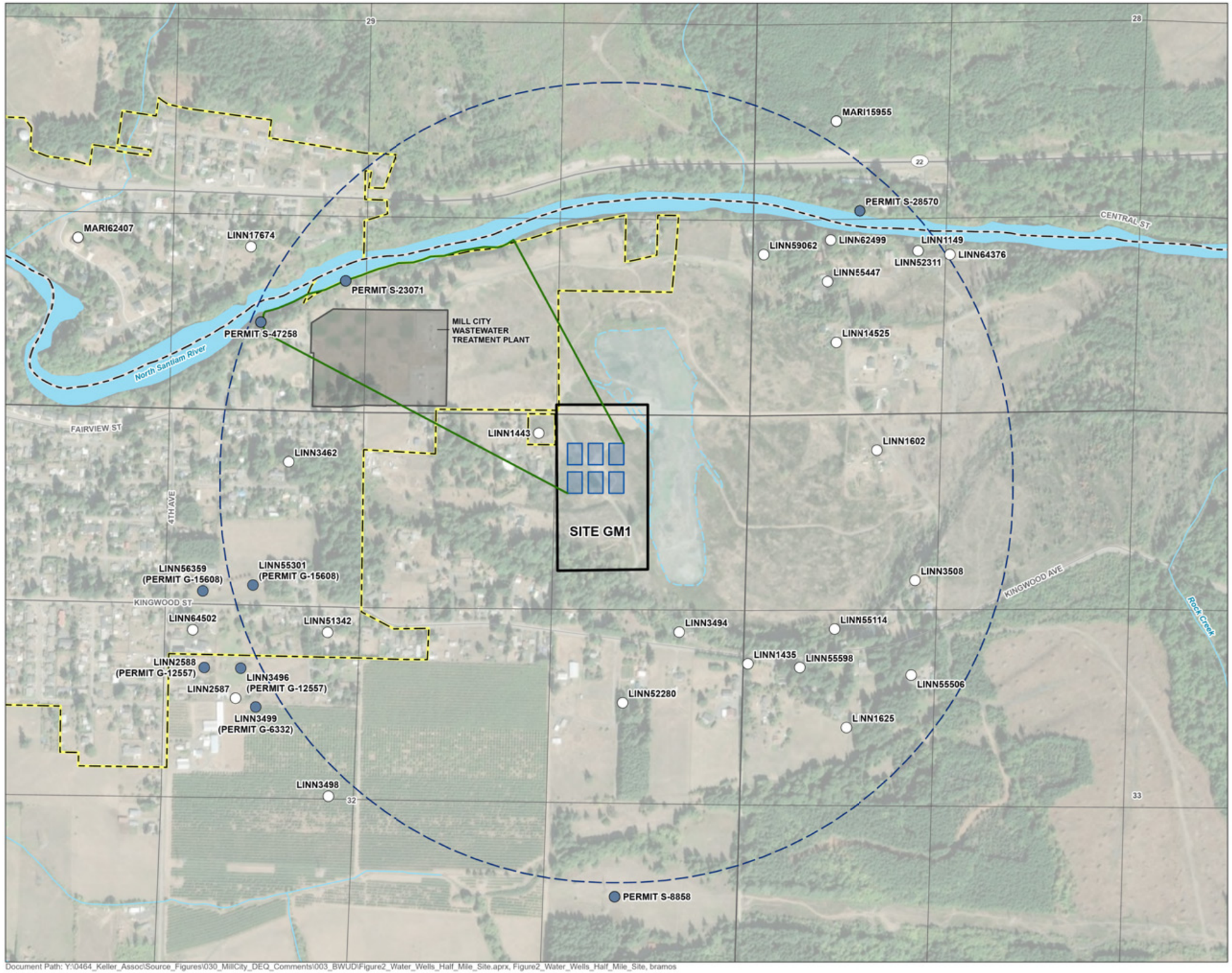
GSI Water Solutions, Inc.

Document Path: Y:\0464_Keller_Assoc\Source_Figures\030_MillCity_DEQ_Comments\003_BWUD\Figure1_Site_Location.aprx, Figure1_Site_Map, bramos

FIGURE 2

Water Wells Located Within 1/2-Mile of Site GM1

Beneficial Water Use Determination for Proposed Advance (Class A) Treated Wastewater Infiltration System - Mill City, OR



LEGEND

- Well
- Water-Right Point of Diversion (POD) or Point of Appropriation (POA)
- 0.5 Mile Radius
- Rapid Infiltration Basin (RIB)

All Other Features

- Assumed Location of Facility (LOF) Boundary
- Wastewater Treatment Plant (WWTP) Drainfield Boundary
- Site GM1
- County Boundary
- City Boundary
- Major Road
- Watercourse
- Mapped Wetland (USFWS) (Former Log Pond)

N

0 325 650 975

FEET

Date: October 9, 2024
Data Sources: BLM, ESRI, ODOT, USGS, Imagery (2022)

GSI Water Solutions, Inc.

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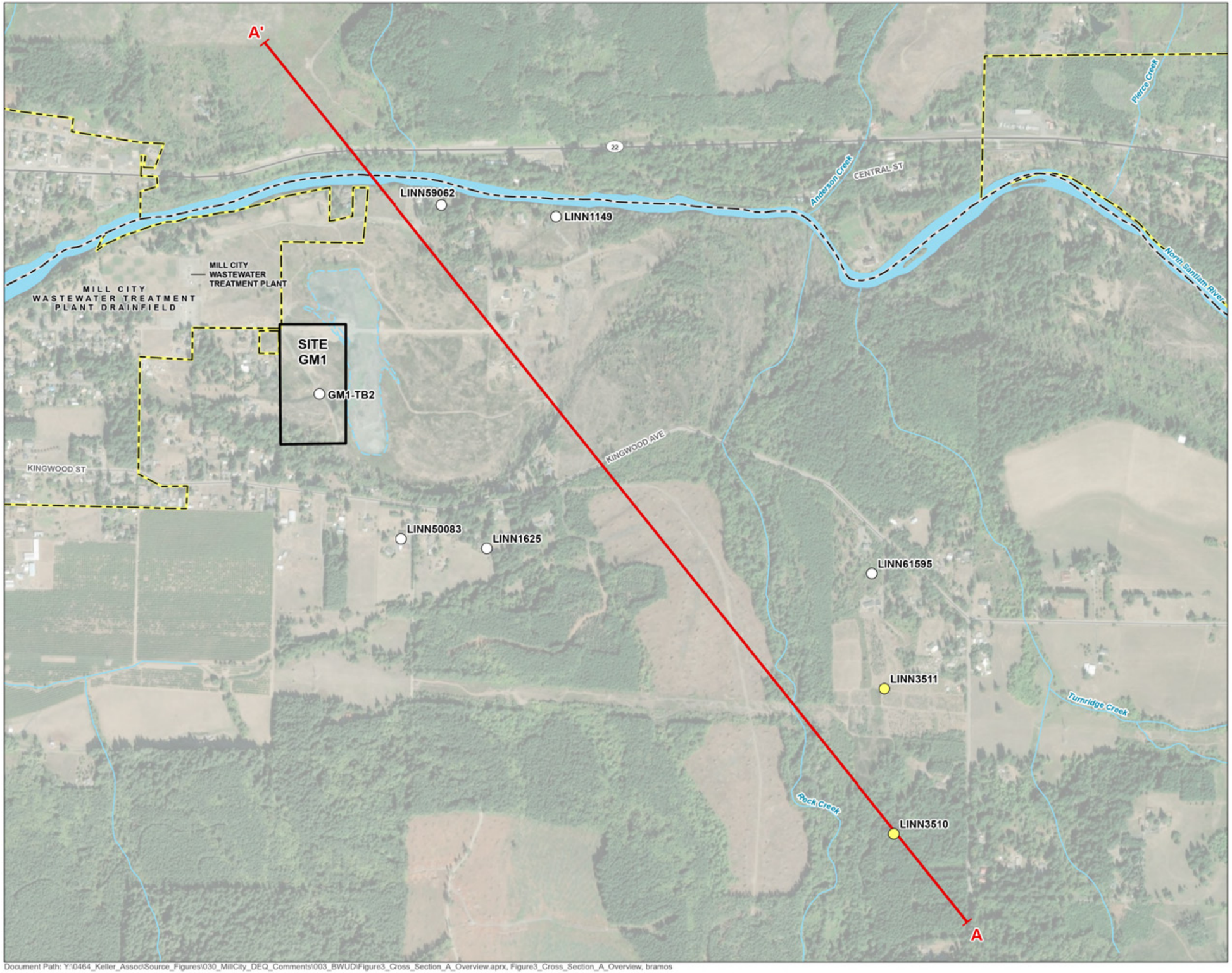
FIGURE 3

Cross Section A-A' Overview

Beneficial Water Use Determination
for Proposed Advance (Class A)
Treated Wastewater Infiltration System
- Mill City, OR



LEGEND

- Well
- Well with Clay from Ground Surface to Basalt
- Cross Section Line
- Site GM1

All Other Features

- County Boundary
- City Boundary
- Major Road
- Watercourse
- Mapped Wetland (USFWS)
(Former Log Pond)

N

0 450 900 1,350
FEET

Date: October 9, 2024
Data Sources: BLM, ESRI, ODOT, USGS, Imagery (2022)

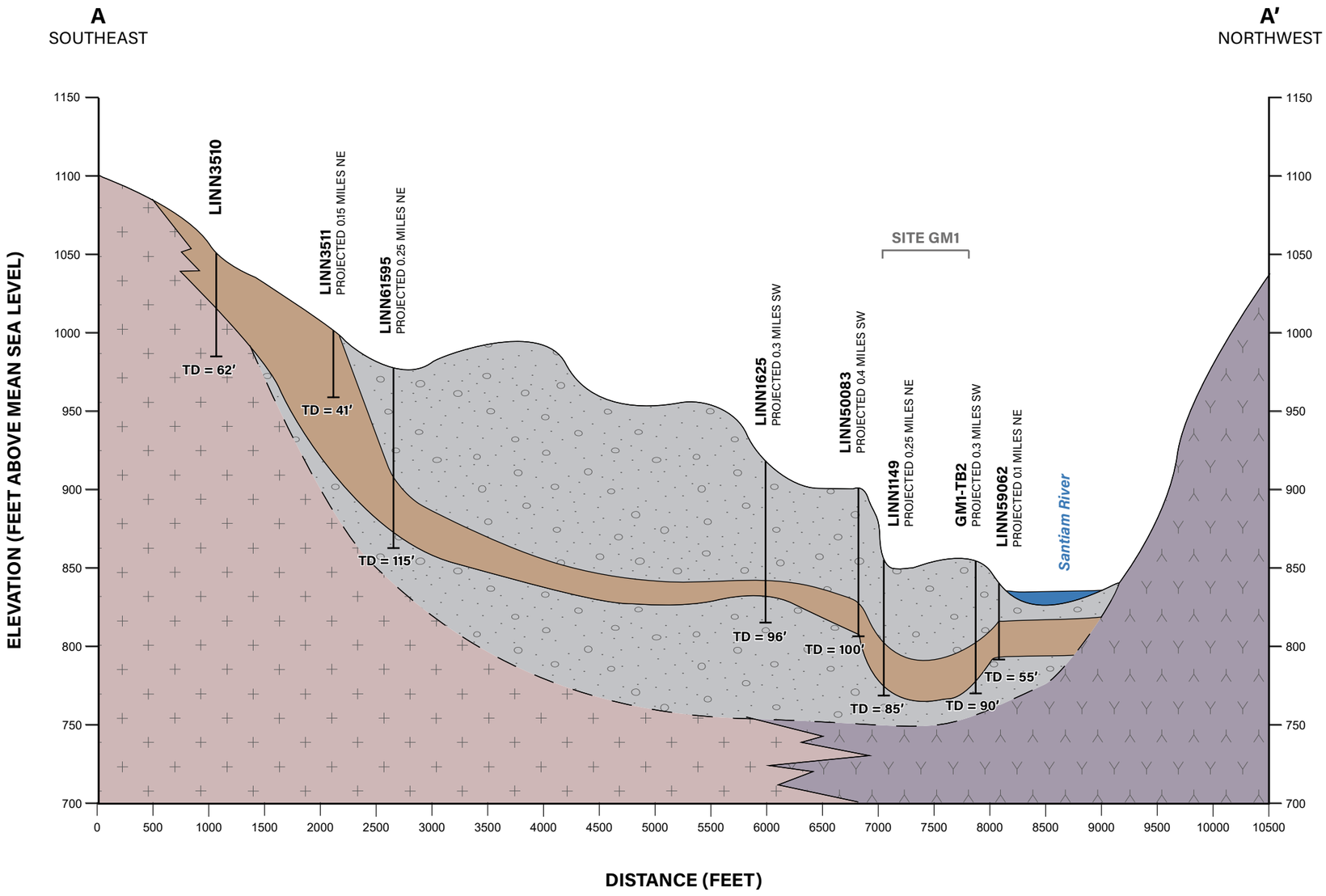
GSI Water Solutions, Inc.

Document Path: Y:\0464_Keller_Assoc\Source_Figures\030_MillCity_DEQ_Comments\003_BWUD\Figure3_Cross_Section_A_Overview.aprx, Figure3_Cross_Section_A_Overview, bramos

FIGURE 4

Cross Section A-A'

Beneficial Water Use Determination
for Proposed Advance (Class A)
Treated Wastewater Infiltration System
- Mill City, OR



LEGEND

- Clay
- Gravel
- Little Butte Volcanics (Tolb)
- Tuffaceous Sedimentary Rocks, Basalt Flows and Tuffs (Tu)

NOTES

Total depth is feet below ground surface
See Figure 3 for Cross-Section A-A' location.

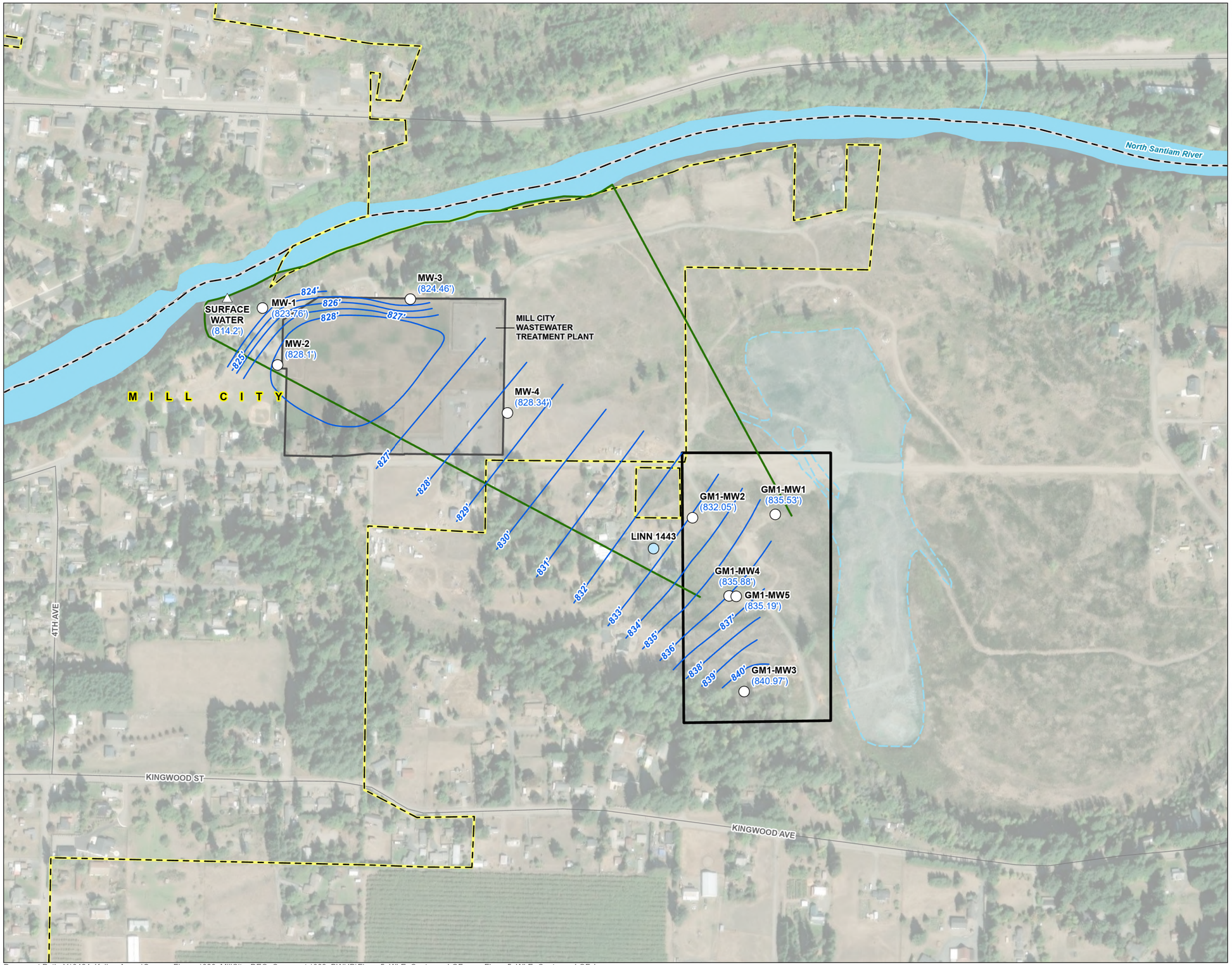
GSI Water Solutions, Inc.

Y:\0464_Keller_Assoc\Source_Figures\030_MillCity_DEQ_Comments\003_BWUD

FIGURE 5

Water Elevation Contour Map and Assumed Location of Facility (LOF)

Beneficial Water Use Determination for Proposed Advance (Class A) Treated Wastewater Infiltration System - Mill City, OR



LEGEND

- Monitoring Well (Groundwater Elevation, ft AMSL)
- Surface Water Measurement (Groundwater Elevation, ft AMSL)
- Private Domestic Well
- Groundwater Elevation Contour
- Assumed Location of Facility (LOF) Boundary
- Wastewater Treatment Plant (WWTP) Drainfield Boundary
- Site GM1

All Other Features

- City Boundary
- County Boundary
- Major Road
- Watercourse
- Mapped Wetland (USFWS) (Former Log Pond)

NOTE

FT AMSL: Feet Above Mean Sea Level

N

0 200 400 600

FEET

Date: October 11, 2024
Data Sources: BLM, ESRI, ODOT, USGS, Imagery (2022)

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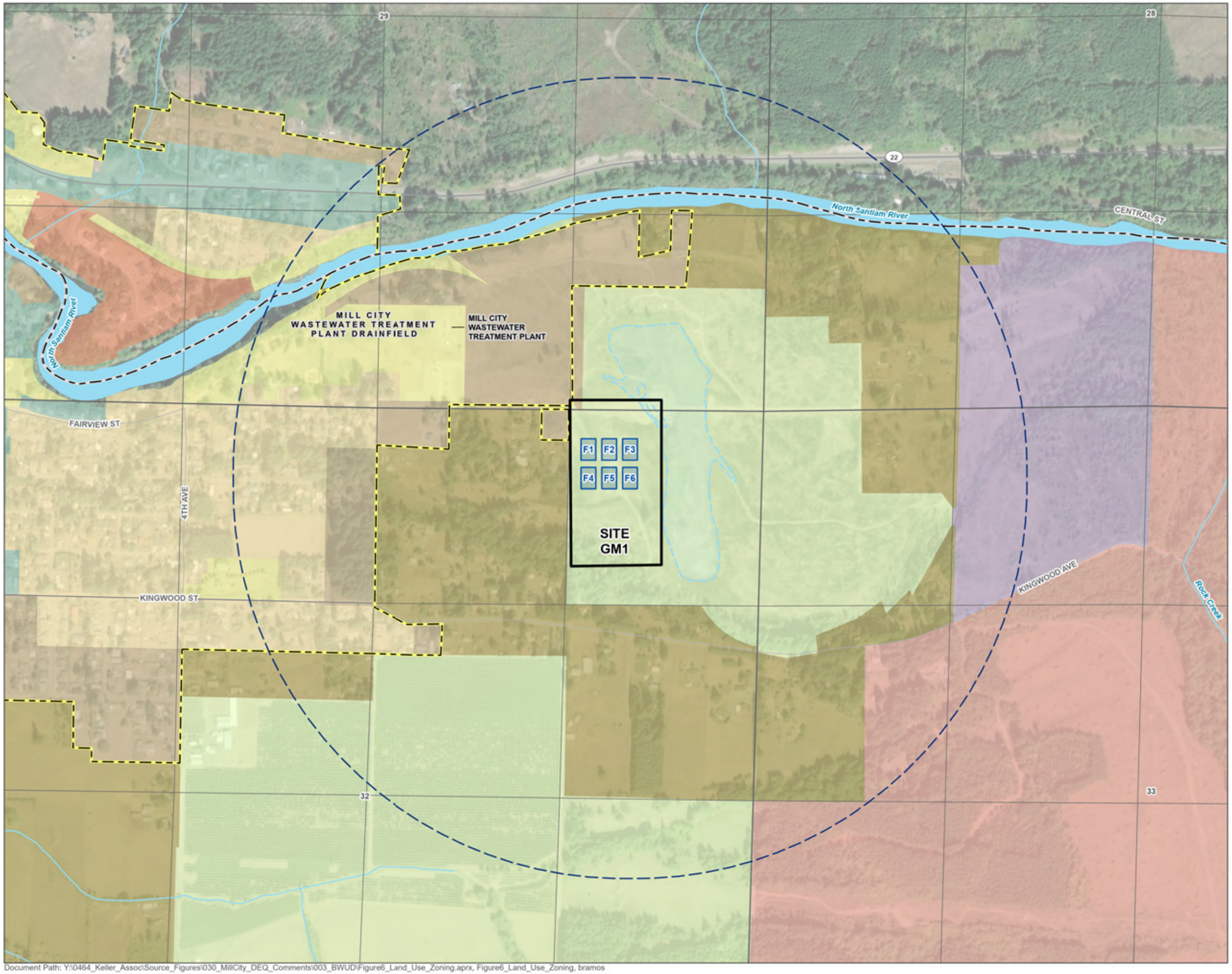
FIGURE 6

Land Use Zoning

Beneficial Water Use Determination
for Proposed Advance (Class A)
Treated Wastewater Infiltration System
- Mill City, OR



LEGEND

- 0.5 Mile Radius
- Rapid Infiltration Basin (RIB)
- GM1 Site

Linn County Land Use Zones

- Commercial
- Exclusive Farm Use
- Farm/Forest
- Forest Conservation and Management
- Planned Development
- Public
- Multi-Family Residential
- Single Family Residential
- Rural Residential

All Other Features

- County Boundary
- City Boundary
- Major Road
- Watercourse
- Mapped Wetland (USFWS)
(Former Log Pond)

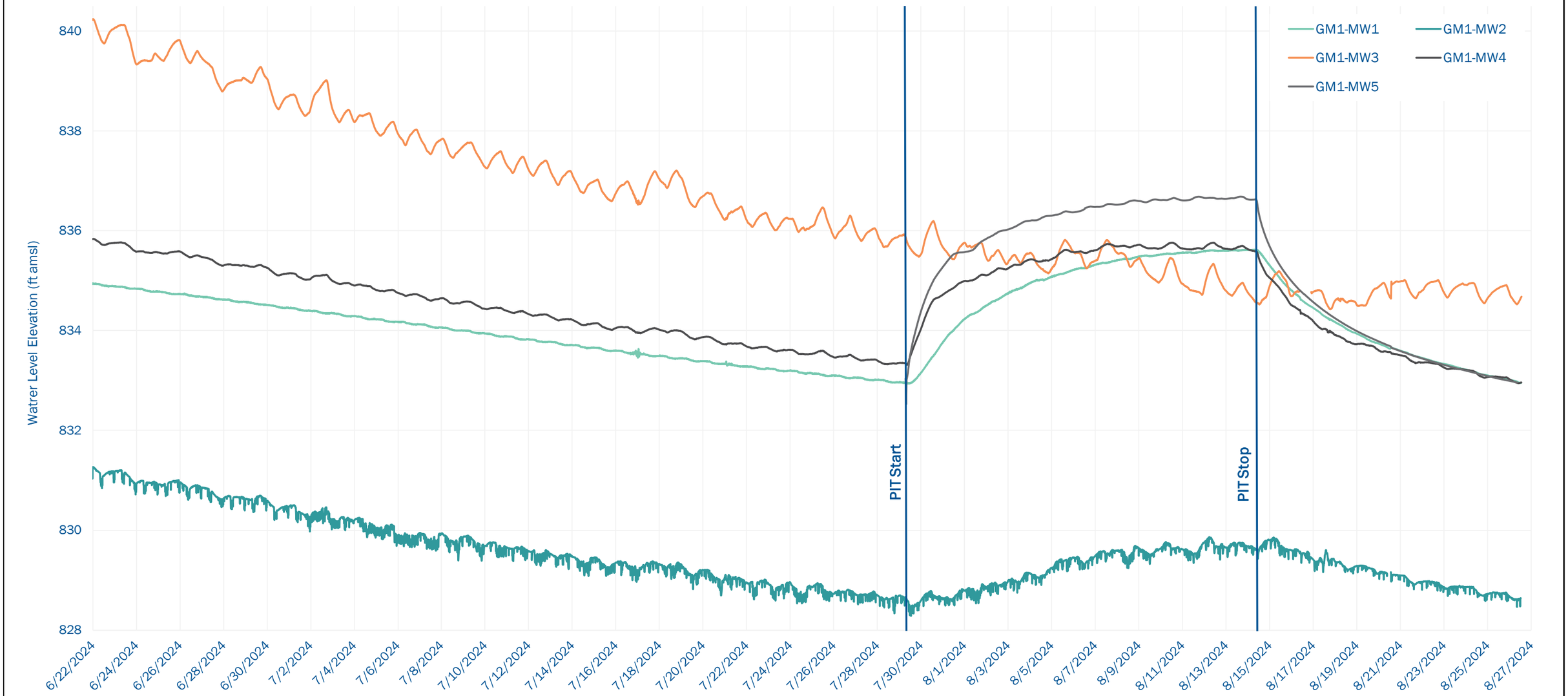
N

0 325 650 975
FEET

Date: October 9, 2024
Data Sources: BLM, ESRI, ODOT, USGS, Imagery (2022)

GSI Water Solutions, Inc.

Document Path: Y:\0464_Keller_Assoc\Source_Figures\030_MillCity_DEQ_Comments\003_BWUD\Figure6_Land_Use_Zoning.aprx, Figure6_Land_Use_Zoning, bramos



NOTES:
Datum: NAVD88

FIGURE 7

Site GM1 Monitoring Well Water Level Elevations
June 22, 2024 - August 27, 2024

Beneficial Water Use Determination for Proposed Advance (Class A) Treated Wastewater Infiltration System - Mill City, OR

GSI Water Solutions, Inc.

P:\464-Keller_Assoc\027 - Mill City Infiltration Pilot\14- PIT\[PIT ALL DATA_20240918.xlsx]Figure 6

Attachment A

Selected Water Well Logs

2

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

Linn
1443

RECEIVED
FEB 19 1992
WATER RESOURCES DEPT

9S/3E/32
(START CARD) # 39462

(1) OWNER: Well Number 2433
Name Harold Boener
Address P.O. Box 521
City Mill City State OR Zip 97

(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 60 ft.
Explosives used ☐ Yes ☑ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	20	Cement	0	20	9 sacks
6	0	60	Bore			

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other
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:	6	1	59	250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:	NO				☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) 59 inside holeD

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
NO						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
30gpm		55'	1 hr.

Temperature of Water 56° Depth Artesian Flow Found X
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 Linn Latitude Longitude
Township 9 N or (S) Range 3 (E) or W. WM.
Section 32 ¼ ¼
Tax Lot 417 Lot Block Subdivision
Street Address of Well (or nearest address) 49090 SE Fairview, Mill City

(10) STATIC WATER LEVEL:
20 ft. below land surface. Date 2/12/92
Artesian pressure X lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 45

From	To	Estimated Flow Rate	SWL
45	60	30gpm	20

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
Topsoil	0	1	
Brown Sand, Gravel, Silt	1	50	
Blue Gravel Clay	50	60	20

Date started 2/12/92 Completed 2/12/92

(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.

WWC Number
Signed Date

(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.

WWC Number 514
Signed Date 2/17/92

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 10/91

RECEIVED

STATE OF OREGON
WATER WELL REPORT JUL 19 1988
(as required by ORS 537.765)

Linn 3494

9S/3E-32bc

(1) OWNER: WATER RESOURCES DEPT. SALEM, OREGON Well Number 2062
Name Gale & Marilyn Larson
Address P.O. Box 498
City Mill City State Or Zip

(2) TYPE OF WORK:
X ☐ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD
X ☐ Rotary Air ☐ Rotary Mud ☐ Cable
☐ Other

(4) PROPOSED USE:
X ☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ [redacted]ermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes ☐ No ☒ Depth of Completed Well 123 ft.
Explosives used Yes ☐ No ☒ Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	19	Cement	0	19	11 sacks
6	0	123	Bore			

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other
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:	6	1	121	250	☒	☐	☒	☐
Liner:					☐	☐	☐	☐

Final location of shoe(s) ____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method ____
☐ Screens Type ____ Material ____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
				NONE		☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
40		120	1 hr.

Temperature of water ____ 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 Linn Latitude ____ Longitude ____
Township 9S N or S, Range 3E E or W, WM.
Section 32 SW ¼ ~~NW~~ nw ¼
Tax Lot ____ Lot ____ Block ____ Subdivision ____
Street Address of Well (or nearest address) 49125 Kingwood
Mill City

(10) STATIC WATER LEVEL:
60 ft. below land surface. Date 5/5/88
Artesian pressure ____ lb. per square inch. Date ____

(11) WATER BEARING ZONES:
Depth at which water was first found 112

From	To	Estimated Flow Rate	SWL
112	121	40	60

(12) WELL LOG: Ground elevation ____

Material	From	To	SWL
TOPSOIL	0	1	
Brown Clay	1	5	
Sand & Gravel & Boulders	5	67	
Red Iron Gravel	67	100	
Muddy boulders	100	112	
Sand & Gravel	112	125	60

Date started 5/3/88 Completed 5/3/88

(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 [signature] WWC Number ____ Date 6/2/88

(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 [signature] WWC Number 514 Date 6/2/88

WHITE COPIES - WATER RESOURCES DEPARTMENT YELLOW COPY - CONSTRUCTOR PINK COPY - CUSTOMER 9809C 10/86

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LINN
52280

JAN 22 1999

WATER RESOURCES DEPT.
SALEM, OREGON

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

WELL I.D. # L 27543
START CARD # 93255

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 3320
Name Craig A. Judge
Address 4509 Hayesville Dr. NE
City Salem State OR Zip 97305

(2) TYPE OF WORK
☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 130 ft.
Explosives used ☐ Yes ☒ No Type ____ Amount ____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
10	0	19	Cement	0	19	20 sacks
6	19	130				

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other
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:	6	+1	130	0.25	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) 130 Ft 5½" Tubex

(7) PERFORATIONS/SCREENS:
☐ Perforations Method ____
☐ Screens Type ____ Material ____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
		None				☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
75		130	1 hr.

Temperature of water 53 Depth Artesian Flow Found ____
Was a water analysis done? ☐ ☒ Yes By whom Water-Lab
Did any strata contain water not suitable for intended use? ☒ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other ____
Depth of strata: 8-12 Ft

(9) LOCATION OF WELL by legal description:
County Linn Latitude ____ Longitude ____
Township 9S N or S Range 3E E or W. WM.
Section 32 SE 1/4 NE 1/4
Tax Lot 800 Lot ____ Block ____ Subdivision ____
Street Address of Well (or nearest address) 44120 Kingwood

(10) STATIC WATER LEVEL:
57 ft. below land surface. Date 1/15/99
Artesian pressure ____ lb. per square inch. Date ____

(11) WATER BEARING ZONES:
Depth at which water was first found 8-12 / 73-130

From	To	Estimated Flow Rate	SWL
8	12	5	4
73	130	100 +	57

(12) WELL LOG:
Ground Elevation ____

Material	From	To	SWL
Gravelly Top Soil	0	2	
Tight Boulders + Gravel	2	8	
Loose Boulders + Gravel	8	12	4
Cemented Sand + Gravel	12	73	
Packed Brown Sand	73	121	57
Black Sand + Gravel	121	130	57

Date started 1/11/99 Completed 1/15/99

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number ____
Signed ____ Date ____

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 541
Signed Dallas LaDeur Date 1/20/99

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STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

Linn 1435

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9S/3E/33bc

(START CARD) # 31694

(1) OWNER:

Well Number

Name Thomas B. Brown

Address P.O. Box 511

City Mill City State OR Zip 97360

(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 42 ft

Explosives used Yes ☐ No ☒ Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	18	Cement	0	18	10
6"	18	42				

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

☐ Other

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:	6"	0	42	250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
20+		40'	1 hr.

Temperature of water 52 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 Linn Latitude Longitude

Township 9S N or S. Range 3E E or W. WM.

Section 33 SW ¼ NW ¼

Tax Lot Lot Block Subdivision

Street Address of Well or nearest address 49190 Kingwood Mill City OR.

(10) STATIC WATER LEVEL:

16 ft. below land surface. Date 1-16-91

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 16

From	To	Estimated Flow Rate	SWL
16	42	20+	16

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
Soil Brown	0	9	
Gravel with clay	9	16	
Gravel & Cobbles	16	26	16
Cobble Rock & Boulders	26	42	16

Date started 1-14-92 Completed 1-16-92

(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.

WWC Number

Signed Date

(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.

WWC Number 563

Signed Don Mallett Date 2-8-92

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LINN 55598

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AUG 18 2003
WATER RESOURCES DEPT
SALEM, OREGON

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

WELL I.D. # L 63090
START CARD # 157759

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number DR-1762
Name James Lyness
Address 49230 Kingwood Ave
City Mill City State Ore. Zip 97360

(2) TYPE OF WORK
☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 176 ft.
Explosives used ☐ Yes ☒ No Type Amount

Diameter	From	To	Material	From	To	Sacks or pounds
10	0	19	BENTONITE	0	19	14 SACKS
6"	19	176				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other POURED DRY
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:	6"	+1	159	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Drive Shoe used ☒ Inside ☐ Outside ☐ None
Final location of shoe(s) 159

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
25		150'	1 hr

Temperature of water 52° 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 LINN Latitude Longitude
Township 9 ☐ N or ☒ S Range 3 ☒ E or ☐ W WM
Section 33 SW 1/4 NW 1/4
Tax Lot 1805 Lot Block Subdivision
Street Address of Well (or nearest address) SAME

(10) STATIC WATER LEVEL:
63 ft. below land surface Date 7-17-03
Artesian pressure lb. per square inch Date

(11) WATER BEARING ZONES:
Depth at which water was first found 90'

From	To	Estimated Flow Rate	SWL
90	145	15 GPM	63'
(SILTY - SAND WATER)			
149	176	25 GPM	63'

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
TOP SOIL	0	1	
CLAY - BROWN	1	9	
CLAY - BROWN W/COBBLES	9	15	
CLAY - BROWN W/GRAVEL	15	35	
GRAVEL W/CLAY GRAY	35	48	
GRAVEL - CEMENTED W/CLAY	48	70	
CLAY - BROWN W/GRAVEL	70	90	
SAND - SILTY W/CLAY	90	145	63'
GRAVEL W/SAND	145	180	63'
HOLE CAVED BACK TO	176'		

Date started 7-16-03 Completed 7-17-03

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed Joe Williams WWC Number 1667 Date 7-18-03

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed Mark D. Light WWC Number 664 Date 7-18-03

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LINN 55114

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

Instructions for completing this report are on the last page of this form.

WELL I.D.# L 54542

START CARD # 153157

(1) OWNER: Well Number 3777

Name Don Kidwell

Address 49273 Kingwood Ave.

City Mill City State Oregon Zip 97360

(2) TYPE OF WORK

☑ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☑ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☑ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☑ No Depth of Completed Well 99 ft.

Explosives used ☐ Yes ☑ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
11	0	24	Bentonite	0	24	16 sacks
6	24	99	Bore			

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

☑ Other Pored dry as 10" pipe pulled

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:	6	+1	99	250	☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☑ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
20	29	99	1 hr.

Temperature of water 56 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 Linn Latitude Longitude

Township 9 S Range 3 E WM

Section 33 SW 1/4 NW 1/4

Tax Lot 1600 Lot Block Subdivision

Street Address of Well (or nearest address) 49273 Kingwood Ave.

Mill City, OR 97360

(10) STATIC WATER LEVEL:

70 ft. below land surface. Date 10/31/02

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 95

From	To	Estimated Flow Rate	SWL
95	99	20	69

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Loam	0	10	
Loam w/ caly gravel	10	20	
Cemented gravel	20	99	

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WATER RESOURCES DEPT.
SALEM, OREGON

JONES DRILLING CO., INC.
29400 SANTIAM HWY.
LEBANON, OR 97355
541-367-2560 541-451-2686
1-800-915-8388

Date started 10/31/02 Completed 10/31/02

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 514

Signed Date 11/4/02

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 514

Signed Date 11/4/02

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

MACK DRILLING COMPANY
1345 20TH STREET SE
P O BOX 12067
SALEM, OR 97309-0067

Linn 14525

095/03E/33

(START CARD) # 71770

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 95-43

Name Jim Pendergraft

Address 34499 N. Santiam Hwy.

City Gates State Oregon Zip 97346

(2) TYPE OF WORK

[X] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD:

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger

[ ] Other

(4) PROPOSED USE:

[X] Domestic [ ] Community [ ] Industrial [ ] Irrigation

[ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval [ ] Yes [X] No Depth of Completed Well 59 ft.

Explosives used [ ] Yes [X] No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
10	0	18	Cement Grt.	0	18	18 Sacks w/ 5% bentonite
7.5	18	59				

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E

[ ] Other

Backfill placed from 59 ft. to 60 ft. Material Gravel

Gravel placed from ft. to ft. Size of gravel Native

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6"	+2	58.5	.250	[X]	[ ]	[X]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Liner:					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]

Final location of shoe(s) 59.0' W.R.drive shoe

(7) PERFORATIONS/SCREENS:

[ ] Perforations Method

[ ] Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]

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

[ ] Pump [ ] Bailer [X] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
50	21.5	47	1 hr.
30	11.5	37	1 hr.

Temperature of water 50° Depth Artesian Flow Found

Was a water analysis done? [X] Yes By whom Waterlab

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 Linn Latitude Longitude

Township 9 N or (S) Range 3 (E) or W. WM.

Section 33 1/4 1/4

Tax Lot Lot Block Subdivision

Street Address of Well (or nearest address) 40216 Dogwood Mill City Dr. Gates, Oregon 97346

(10) STATIC WATER LEVEL:

25.5 ft. below land surface. Date 8/17/95

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 43

From	To	Estimated Flow Rate	SWL
56	60	50	25.5

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Sand brown w/ cobbles	0	3	
Cobbles boulders & gravel sandy Br.	3	23	
Boulders gravel & sand	23	32	
Gravel cobbles & clay brown	32	35	
Gravel cobbles & sand	35	43	
Sand brown w/gravel small	43	53	
Claystone weathered gravel & sand	53	56	
Gravel & sand med-coarse blk.	56	60	

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WATER RESOURCES DEPT.
SALEM, OREGON

Date started 8/16/95 Completed 8/17/95

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number

Signed Date

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1394

Signed Date

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

LWN 1602

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AUG 10 1992
WATER RESOURCES DEPT.
SALEM, OREGON

9S/3E/33bb

(START CARD) # 42628

(1) OWNER: Well Number
Name Marshall D. Bradley
Address P.O.Box 743
City Millcity State OR Zip

(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 48 ft.
Explosives used ☐ Yes ☑ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10"	0	18	Bentonight	0	18	12 Sacks
6"	18	48				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other
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:	6"	0	48	250	☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☑ Perforations Method air Perforator
☐ Screens Type Hole Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
38	48	1"	280	1/4		☑	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☑ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
20		40	1 hr.

Temperature of Water 54 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 Linn Latitude Longitude
Township 9S N or S. Range 3E E or W. WM.
Section 33 NE ¼ NW ¼
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address) 2120 Dogwood Rd
Mill City, OR

(10) STATIC WATER LEVEL:
30 ft. below land surface. Date 7-25-92
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 30'

From	To	Estimated Flow Rate	SWL
30'	48'	20	30

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
Soil Brown	0	12	
Sand & Gravel Large	12	26	
Cobbles & Boulders Med	26	30	
Cobbles & Gravel	30	48	30'

Date started 7-24-92 Completed 7-25-92

(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.

WWC Number
Signed Date

(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.

WWC Number 1563
Signed Don Mackey Date 8-6-92

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LINN 59062

STATE OF OREGON
WATER SUPPLY WELL REPORT

(ORS 537.765 & OAR 690-205-0210)

Instructions for completing this report are on the last page of this form.

LINN 59062

WELL LABEL # L 102049
START CARD # 204584
ORIGINAL LOG #

(1) LANDOWNER Owner Well I.D. DR-2250
First Name THOMAS Last Name POWELL
Company
Address 178 SIERRA MEADOW DR.
City SAN JOSE State CA. Zip 95116

(2) TYPE OF WORK ☒ New ☐ Conversion ☐ Deepening
☐ Alteration (complete Sections 2a & 10) ☐ Abandonment (complete Section 5a)

(2a) PRE-ALTERATION: Well Depth _____ ft.
Seal Material _____
Casing Type: ☐ Steel ☐ Plastic ☐ Other _____
Casing Gauge _____ Casing Diameter _____

(3) DRILL METHOD ☒ Rotary Air ☐ Rotary Mud ☐ Auger
☐ Cable ☐ Cable Mud ☐ Reverse Rotary ☐ Other _____

(4) PROPOSED USE ☒ Domestic ☐ Irrigation ☐ Community
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection
☐ Thermal ☐ Other _____

(5) BORE HOLE CONSTRUCTION
Depth of Completed Well 55 ft. Special Standard: ☐ Yes (attach copy)

BORE HOLE Dia	From	To	SEAL Material	From	To	Amount	Scks/lbs
10"	0	19	BENTONITE	0	19	17	SKS
6"	19	55					

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other POURED DRY
Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from _____ ft. to _____ ft. Material _____ Size _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE:
Calculated Amount Proposed to be Used: _____ sacks/lbs
Actual Amount Used: _____ sacks/lbs

(6) CASING/LINER

Csng	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		6"	+	1	54	.250	X		X	

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 54'
Temporary casing ☐ Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS
Perforations Method _____
Screens Type _____ Material _____

Perf	Scrn	Csng	Linr	Screen Dia	From	To	Screen/ slot width	Slot length	# of slots	Tele/ pipe size

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
30		50'	1 HOUR

Temperature 55 °F Lab analysis ☐ Yes By _____
Water quality concerns? ☐ Yes (describe below) TDS _____ ppm

From	To	Description	Amount	Units

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WATER RESOURCES DEPT
SALEM, OREGON

(9) LOCATION OF WELL (legal description)
County LINN Twp 9 N or S Range 3 E or W W.M.
Sec 33 NW 1/4 of the NW 1/4 Tax Lot 602
Tax Map Number _____ Lot _____
Lat ___ ° ___ ' ___ . ___ " or _____ DMS or DD
Long ___ ° ___ ' ___ . ___ " or _____ DMS or DD
Street Address of Well (or nearest address) 49229 REMINE RD.
MILL CITY, ORE. 97360

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL (ft)
Existing Well/Pre-Alteration				
Completed Well	11-10-09		-	12'

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes

WATER BEARING ZONES Depth water was first found 51'

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
11-10-09	51	55	30 GPM		-	12'

(11) WELL LOG Ground Elevation _____

Material	From	To
SHALE	0	3
LOAM	2	10
CLAY-BROWN W/ COBBLES & GRAVEL	10	24
CLAY-BROWN	24	51
GRAVEL-LARGE	51	60
HOLE CAVED BACK TO 55'		

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DEC 10 2009
WATER RESOURCES DEPT
SALEM, OREGON

Date Started 11-2-09 Completed 11-11-09

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

License Number 1667 Date 11-14-09
Signed JOE WILLIAMS

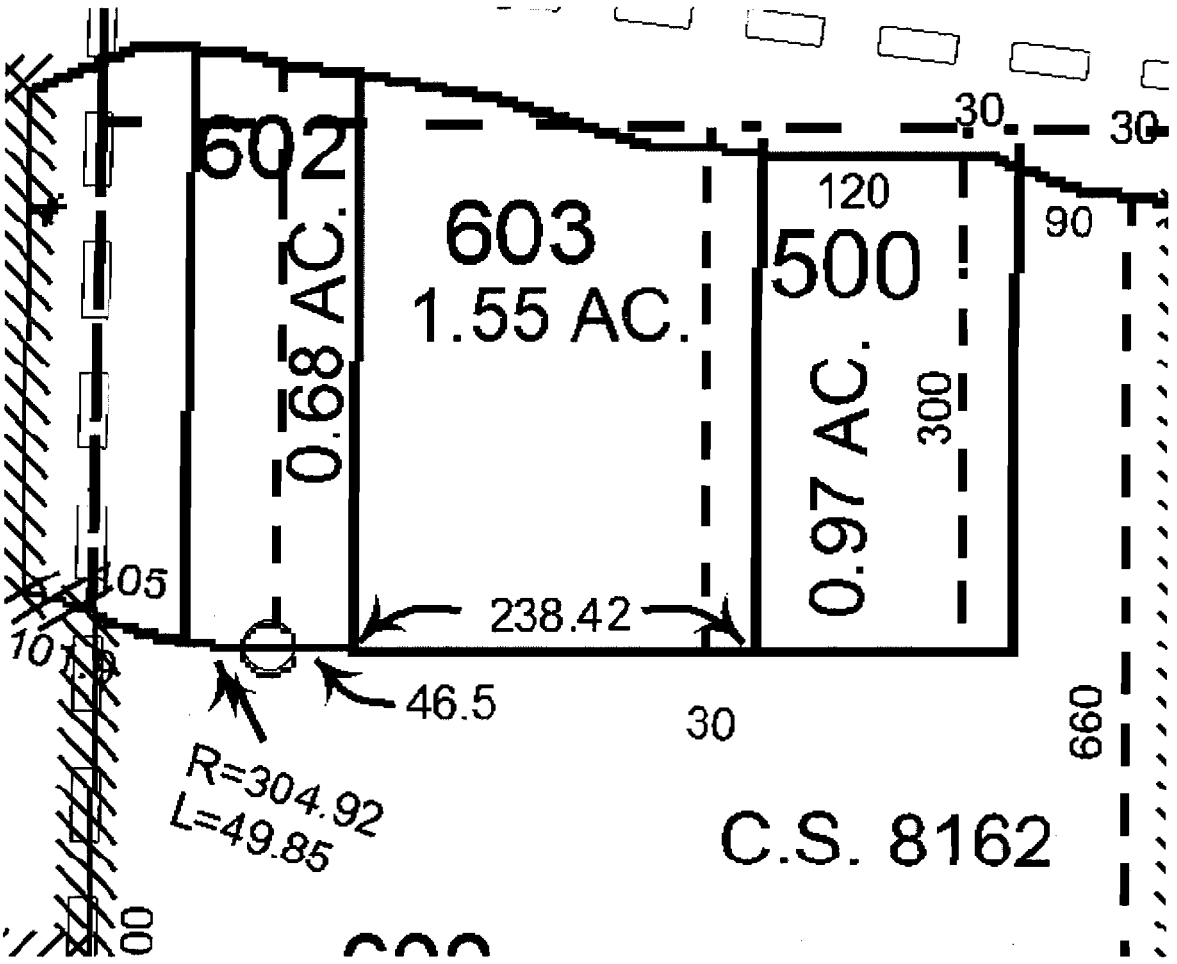
(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1664 Date 11-14-09
Signed Chad D. Wright
Contact Info: (optional)

ORIGINAL – WATER RESOURCES DEPARTMENT – ONE COPY FOR CONSTRUCTOR ONE COPY FOR CUSTOMER
SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

01/02/2009

EXEMPT USE WELL LOCATION MAP



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JAN 13 2010
WATER RESOURCES DEPT
SALEM, OREGON

N

Linn County
Assessor Map Reference Number: **9S 3E 33 NWNW; Tax Lot 602** INCORRECT CORRECT # 602
Street Address of Well, if Available: **49229 Remine Road, Mill City, OR**
Well Log # **LINN 59062**, Well Label (ID) # **L 102049.** (Please Locate Well and Indicate distance From Property or Survey Corner, See Attached Sample Well Location Map.)
MAP NOT TO SCALE

LAND OWNER SUBMITTED MAP

L-63436

LINN 55447

For Official Use Only:

Received Date:	County Well Log ID No.	Well Identification Tag No.
4-14-03	"Linn 55447"	L-63436

WELL IDENTIFICATION APPLICATION FORM

BUYER/CURRENT WELL OWNER:

Name: Martin Lollar

Mailing Address: PO Box 7081

City: Salem State: OR Zip: 97303 Phone: 503-551-2394

WELL LOCATION:

County: Linn Owner's Well Number: _____

Township: 9 N or (S) ? Range: 3 (E) or W _____ Section: 33 ____ 1/4 ____ 1/4

Tax Lot #: 0391686 Type of Well: water supply ___ monitoring ___

Street Address of Well (if different from above): 40209 N. Dogwood
Mill City OR

WELL INFORMATION: (do not complete remainder of application if well log is available)

Start Card Number: _____ Approx. Construction Date: _____

Well Constructor: _____

Name of Owner at Time of Construction: _____

Well Depth (in feet): _____ Static Water Level (in feet): _____

Diameter of Exposed Well Casing (in inches): _____

Does this well have a formal water right associated with it? Yes: ___ No: ___

If Yes: Application #: _____ Permit #: _____ Certificate #: _____

Please Return Completed Form to:

Lisa Jurk
Well Identification Program
Oregon Water Resources Department
158 12th Street NE
Salem, OR 97310

c:\enforce\wellid.app

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APR 14 2003
WATER RESOURCES DEPT
SALEM, OREGON

LINN 51342

WELL IDENTIFICATION FORM

Owner's Well Number: _____

CURRENT WELL OWNER: Phone: 503-897-2106

RECEIVED
FEB - 7 1996
WATER RESOURCES DEPT
SALEM, OREGON

Name: Don & Jerilynn Round

Mailing Address: PO Box 106

City: Mill City State: OR Zip: 97360

If a well report is available for this well, please attach a copy of it to this form and return. It is not necessary for you to complete the remainder of the form if the well report is attached. If a well report is not available, please complete the remainder of the form to the best of your ability.

WELL LOCATION:

County: Linn Latitude: _____ Longitude: _____

Township: 09S N or S, Range: 03E E or W Section: 32 B 1/4 D 1/4

Tax Lot Number: 0600

Street Address of Well (if different from above): 650 SE Kingwood

WELL INFORMATION:

Start Card Number: _____ Approx. Construction Date: 1981

Well Constructor: _____

Name of Owner at Time of Construction: same

Well Depth (in feet): 85 Static Water Level (in feet): _____

Diameter of Exposed Well Casing (in inches): _____

Does this well have a formal water right associated with it? Yes: _____ No: X If yes:

Application #: _____ Permit #: _____ Certificate #: _____

Please Return Completed Form to:

Oregon Water Resources Department
158 12th Street NE
Salem, OR 97310

(Office use only)

Well Identification Number: L0000 3360

WATER WELL REPORT
STATE OF OREGON

Linn
3462

RECEIVED
OCT 8 1981
WATER RESOURCES DEPT
SALEM, OREGON

State Well No. 9S/3E-29
State Permit No. ....

(1) OWNER:

Name Charles F Dolezal Jr
Address 6109 E 4th St
City Millcity State 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 Air ☒ Driven ☐
Rotary Mud ☐ Dug ☐
C... ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐
Thermal: Withdrawal ☐ Reinjection ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒

6 " Diam. from +1 ft. to 29 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?
...ld: .... gal./min. with .... ft. drawdown after .... hrs.
" .... " .... "
Air test 100 gal./min. with drill stem at 32 ft. 1 hrs.
Bailer test .... gal./min. with .... ft. drawdown after .... hrs.
Artesian flow .... g.p.m.
...perature of water .... Depth artesian flow encountered .... ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal—Material used Cement Grout
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 10 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 10 sacks
How was cement grout placed? Pumped
....
....
Was pump installed? .... 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: ....
Gravel placed from .... ft. to .... ft.

(10) LOCATION OF WELL:

County Linn Driller's well number
¼ ¼ Section 29 T. 9S R. 3E W.M.
Tax Lot # .... Lot .... Blk .... Subdivision
Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found 21 ft.
Static level 13 ft. below land surface. Date 10-6-81
Artesian pressure .... lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 6
Depth drilled 41 ft. Depth of completed well 40 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	5	
Boulders Gravel & Sand	5	41	

Work started 10-5 1981 Completed 10-6 1981
Date well drilling machine moved off of well 10-6 1981

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] Garnet K. Bondt Date 10-7, 1981
(Drilling Machine Operator)

Drilling Machine Operator's License No. 789

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 Eola Well Drilling
(Person, firm or corporation) (Type or print)
Address 4510 Dallas Rd NW Salem Ore 97304

[Signed] Garnet K. Bondt
(Water Well Contractor)

Contractor's License No. 619 Date 10-7, 1981

NOTICE TO WATER WELL CONTRACTOR
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*12658-690

RECEIVED
OCT 21 1963
STATE ENGINEER
SALEM, OREGON

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.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

Linn 3508

State Well No. 9/3-33
State Permit No.

(1) OWNER:
Name Dells Hince.
Address Lyons, Ore.

(2) LOCATION OF WELL:
County Linn. Driller's well number 136
NW ¼ NW ¼ Section 33 T. 9S R. 3E W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):
New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐
If 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 ☒
6 " Diam. from 0 ft. to 40 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:
Perforated? ☒ Yes ☐ No
Type of perforator used Oxy/A Acet.
Size of perforations ½ in. by 6 in.
14 perforations from 31 ft. to 40 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.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:
Well seal—Material used in seal Cement
Depth of seal 24 ft. Was a packer used? No
Diameter of well bore to bottom of seal 10 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 12 ft. below land surface Date Oct 5, 1963
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 30 gal./min. with 3 ft. drawdown after 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? ☐ Yes ☐ No

(12) WELL LOG:
Diameter of well below casing
Depth drilled 41 ft. Depth of completed well 40 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
Sandy Soil	0	2½
Med Boulders	2½	8
Med Gravel	8	18
Small Gravel-Clay Mix	18	24
Med Gravel	24	32
Med Gravel - Med Boulders	32	40

Work started Sept 28 1963 Completed Oct 5 1963
Date well drilling machine moved off of well Oct 5 1963

(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 Long Drilling Co.
(Person, firm or corporation) (Type or print)
Address 4120 Fletcher Rd. N.E. Salem, Ore.

Drilling Machine Operator's License No. 117
[Signed] William E. Long
(Water Well Contractor)
Contractor's License No. 75 Date Oct. 5, 1963

(USE ADDITIONAL SHEETS IF NECESSARY)

LINN 62499

132401

OREGON WATER RESOURCES DEPARTMENT

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301
(503) 986-0900
www. oregon.gov/owrd

Application for Well ID Number

RECEIVED
OCT 01 2018
OWRD

Do not complete if the well already has a Well Identification Number.

I. OWNER INFORMATION

Current Owner Name *(please print)*: DENNIS C GIFFORD, Lynda Lee Carter

Mailing Address: 49249 Remine Rd.

City, State, Zip: Mill City, OREGON 97360

Mail Well ID to: [X] SAME AS ABOVE [ ] In Care Of (C/O)

Name & Address:

City, State, Zip:

II. WELL LOCATION INFORMATION *(Please fill out as completely as possible)* - per county map #

Township: 9 S (North / South) Range: 3E (East / West) Section: 33 ____ 1/4 of the ____ 1/4

Tax Lot (usually last 3-5 numbers of Tax Map #): 500 County Linn

GPS Coordinates:

Street Address of Well, City: 49249 REMINE RD Mill City, OR 97360

If the property had a different street address in the past:

III. GENERAL WELL INFORMATION *(Please fill out as completely as possible, AND attach copy of Well Report, if available)*

Use of Well (domestic, irrigation, commercial, industrial, monitoring): Domestic

Date Well Constructed (or property built): Built in 1948 Total Well Depth: UNKnown Casing Diameter: UNKnown

Owner at time the well was constructed (if known): Well Report # (if known):

Other Information: Property where well is located is in SW/SW of Section 28 *

SUBMITTED BY *(please print)*: DENNIS C GIFFORD AND Lynda Lee Carter

PHONE: 503 769 516 2 **EMAIL &/or FAX:** LQuilts@ WVI.com

Send application to: Oregon Water Resources Department 725 Summer St NE, Suite A, Salem, Oregon 97301; or fax to (503) 986-0902. Applications are processed in the order they are received, and Well ID Numbers are mailed within 4-5 business days.

* This note added by OWRD staff for location clarification.

For Official Use Only by the Oregon Water Resources Department:

Received Date:	Well Report Number:	Well Identification #:
10-1-18	LINN 62499	L-132401

N

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

LINN 1625

RECEIVED
AUG 19 1992
SALEM, OREGON

9S/3E/33

(START CARD) # 43740

Well Number WAT 92-31

(1) OWNER:
Name BILL LYNESS
Address 49220 Kingwood Ave.
City Mill City State OR Zip 97360

(2) TYPE OF WORK:
[X] New Well [ ] Deepen [ ] Recondition [ ] Abandon

(3) DRILL METHOD
[X] Rotary Air [ ] Rotary Mud [ ] Cable
[ ] Other

(4) PROPOSED USE:
[X] Domestic [ ] Community [ ] Industrial [ ] Irrigation
[ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes [ ] No [X] Depth of Completed Well 96 ft.
Explosives used Yes [ ] No [X] Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	18	Cement grt	0	18	10 sks
6	18	96				

How was seal placed: Method [ ] A [ ] B [X] C [ ] D [ ] E
[ ] Other
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:	6"	+1	79	.250	[X]	[ ]	[X]	[ ]
Liner:								

Final location of shoe(s) 5 5/8" I.D. underreamor shoe

(7) PERFORATIONS/SCREENS:
[ ] Perforations Method
[ ] Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner

(8) WELL TESTS: Minimum testing time is 1 hour
[X] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
25	8'		1 hr.

Temperature of water 47° Depth Artesian Flow Found
Was a water analysis done? [X] Yes By whom Waterlab
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 Linn Latitude Longitude
Township 9 N or S Range 3 E or W, WM.
Section 33
Tax Lot ~~1901~~ 1801 Lot Block Subdivision — as per owner 2-23-92
Street Address of Well (or nearest address) 49258 Kingwood Ave Mill City, OR. 97360

(10) STATIC WATER LEVEL:
60' ft. below land surface. Date 8/5/92
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 76'

From	To	Estimated Flow Rate	SWL
76	96	30	60'

(12) WELL LOG: Ground elevation 880

Material	From	To	SWL
Topsoil brown	0	1	
Clay brown	1	10	
Gravel & sand brown	10	14	
Gravel cobbles loosely cemented	14	16	
Clay br. w/gravel & boulers	16	19	
Gravel & sand loosely cemented	19	21	
Gravel cobbles & caly brown	21	25	
Gravel cobbles and sand	25	34	
Gravel w/caly brown	34	36	
Gravel loosely cemented	36	56	
Clay brown sandy w/gravel sm.	56	65	
Clay gray w/gravel & sand br.	65	70	
Clay gray & brown sandy	70	75	
Sand brown w/gravel small	75	79	
Gravel & sand med-coars	79	86	60
Sand coarse br. w/gravel loosely cemented	86	96	60

Date started 8/4/92 Completed 8/5/92

(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.
WWC Number
Signed Date

(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.
MACK DRILLING CO. WWC Number 1394
Signed Eugene L. Mack Date 8/16/92

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER

~~LINN 55506~~

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

REVISED — SWL
LINN 55506

(WELL I.D.)# L **61138**
(START CARD) # **155185**

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number **3805**
Name **Wesley & Sonja Hirons**
Address **49300 Kingwood Ave.**
City **Mill City** State **Oregon** Zip **97360**

(2) TYPE OF WORK
☑ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☑ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☑ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☑ No Depth of Completed Well **130** ft.
Explosives used ☐ Yes ☑ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
10	0	20	Cement	0	20	6 sacks
8	90	100	Cement	90	100	9 sacks
6	20	90				
6	100	130				

How was seal placed: Method ☐ A ☑ B ☐ C ☐ D ☐ E
☐ Other
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:	6	+1	99	250	☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☑ Pump ☐ Bailer ☑ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
40	All	120	1 hr.
17	20		30 minutes

Temperature of water **56** 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 **Linn** Latitude Longitude
Township **9** S Range **3** E WM.
Section **33** **SW** 1/4 **NW** 1/4
Tax Lot **1901** Lot Block Subdivision
Street Address of Well (or nearest address) **49300 Kingwood Ave.**
Mill City, OR 97360

(10) STATIC WATER LEVEL:
54 ft. below land surface. Date **5/17/2003**
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found **60**

From	To	Estimated Flow Rate	SWL
60	90	25	54
101	130	40	54

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
Topsoil	0	1	
Silty sand & boulders	1	7	
Silty sand	7	16	
Silty sand & gravel w/boulders cemented	16	95	54
Cemented sand	95	122	54
Cemented sand w/gravel	122	130	54

JONES DRILLING CO., INC.
29400 SANTIAM HWY.
LEBANON, OR 97355
541-367-2560 541-451-2686
1-800-915-8388

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WATER RESOURCES DEPT
SALEM, OREGON

Date started **5/16/2003** Completed **5/17/2003**

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number
Signed Date

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number **1684**
Signed Date **5/18/2005**

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LINN 55506

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

Instructions for completing this report are on the last page of this form.

(WELL I.D.)# L 61138

(START CARD) # 155185

(1) OWNER: Well Number 3805

Name Wesley & Sonja Hirons

Address 49300 Kingwood Ave.

City Mill City State Oregon Zip 97360

(2) TYPE OF WORK

☑ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☑ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☑ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☑ No Depth of Completed Well 130 ft.

Explosives used ☐ Yes ☑ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
10	0	20	Cement	0	20	6 sacks
8	90	100	Cement	60	100	9 sacks
6	20	90				
6	100	130				

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

☐ Other

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:	6	+1	99	250	☑	☐	☑	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

☐ Perforations Method

☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☑ Pump ☐ Bailer ☑ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
40	All	120	1 hr
17	20		30 minutes

Temperature of water 56 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 Linn Latitude Longitude

Township 9 S Range 3 E WM.

Section 33 SW 1/4 NW 1/4

Tax Lot 1901 Lot Block Subdivision

Street Address of Well (or nearest address) 49300 Kingwood Ave.

Mill City, OR 97360

(10) STATIC WATER LEVEL:

54 ft. below land surface. Date 5-17-2003

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 60

From	To	Estimated Flow Rate	SWL
60	90	25	
101	130	40	

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Topsoil	0	1	
Silty sand & boulders	1	7	
Silty sand	7	16	
Silty sand & gravel w/boulders cemented	16	95	
Cemented sand	95	122	
Cemented sand w/gravel	122	130	
DON'T SET PUMP BELOW 100'			

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WATER RESOURCES DEPT
SALEM, OREGON

JONES DRILLING CO., INC.
29400 SANTIAM HWY.
LEBANON, OR 97355
~~541-367-2560~~ ~~541-451-2686~~
1-800-915-8388

Date started 5-16-2003 Completed 5-17-2003

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 1411

Signed Date 5-21-2003

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1684

Signed Date 5-21-2003

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LINN 55301

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

Westerberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

WELL I.D. # L 56287
START CARD # 154499

Instructions for completing this report are on the last page of this form.

(1) LAND OWNER Well Number
Name CITY OF MILL CITY
Address PO BOX 256
City MILL CITY State OR Zip 97360

(2) TYPE OF WORK
XX New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud XX Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic XX Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes XX No Depth of Completed Well 168 ft
Explosives used ☐ Yes XX No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
24"	0	8	Cement	0		
20"	8	30	w/5% Bentonite	50		95 sacks
16"	30	50				
12"	50	205	Cement	1169	205	23 sacks

How was seal placed Method ☐ A ☐ B XX C ☐ D ☐ E
☐ Other
Backfill placed from ft. to ft. Material
Gravel placed from 88 ft. to 168 ft. Size of gravel 6/9 CSSI

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	12"	+3	110'	.375	XX	☐	XX	☐
					☐	☐	☐	☐
				.258	☐	☐	☐	☐
	8"	88	105.5		XX SS	☐	☐	☐
Liner:	8"	109	112	.258	XX SS	☐	☐	☐
	8"	158	168	.258	XX SS	☐	☐	☐

Drive Shoe used ☐ Inside XX Outside ☐ None
Final location of shoe(s) 178' cut off w/ 3'x12" casing

(7) PERFORATIONS/SCREENS:
☐ Perforations Method CONTINUOUS WRAP
XX Screens Type V-WIRE Material STAINLESS STEEL

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
112	158	.065		8"	PS	☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
XX Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
200	6'		1 hr
800	30'7"		24 hr.

Temperature of water 53° Depth Artesian Flow Found
Was a water analysis done? XX Yes By whom CITY
Did any strata contain water not suitable for intended use? NO ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata

(9) LOCATION OF WELL by legal description:
County LINN Latitude Longitude
Township 9S N or S Range 3E E or W WM
Section 32 NE 1/4 NW 1/4
Tax Lot 3002 Lot Block Subdivision
Street Address of Well (or nearest address) IN NW CORNER OF KINGWOOD AVE & 5TH AVE (proposed)

(10) STATIC WATER LEVEL:
31'8" ft. below land surface Date 2-14-03
Artesian pressure N/A lb. per square inch Date

(11) WATER BEARING ZONES:
Depth at which water was first found 47'

From	To	Estimated Flow Rate	SWL
47'	78'	not known	31'8"
93'	158'	not known	31'8"

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SALEM, OREGON

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
topsoil	0	2	
clay brown	2	6	
cobbles coarse w/ clay	6		
brown occasional boulder		17	
coarse cobbles w/ more	17		
clay brown		31	
brown clay w/ cobbles	31		
and smaller gravel		47	
coarse cobbles & boulders	47		
w/ clay		61	
brn clay w/ some cobbles	61	64	
crs cobbles gravel & clay	64	68	
boulders gravel & clay brn	68	78	
clay tan/redish	78	93	
gravel med dirty	93	94	
clay sandy some gravel	94		
small brown		106	
gravel crs w/ clay brn	106	112	
cont'd on page 2			

Date started 12-23-02 Completed 2-14-03

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number
Signed Date

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 688
Signed Steven M. Stahl Date 3-3-03

ORIGINAL – WATER RESOURCES DEPARTMENT FIRST COPY – CONSTRUCTOR SECOND COPY – CUSTOMER

(LINN) 55301

36728 S. Kropf Rd., Molalla, OR 97038 • Phone: (503) 829-2526 FAX (503) 829-7514

WELL ID# L 56287
OWNER: CITY OF MILL CITY
ADDRESS: PO BOX 256
CITY/STATE/ZIP: MILL CITY, OR 97360

WELL ADDRESS: IN NW CORNER OF KINGWOOD AVE & 5TH AVE (proposed)
COUNTY LINN TOWNSHIP 9S RANGE 3E
SECTION 32 NE 1/4 NW 1/4 TAX LOT 3002

(11) WATER BEARING ZONES CONT'D FROM PREVIOUS PAGE:

FROM	TO	ESTIMATED FLOW RATE	SWL

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WATER RESOURCES DEPT.
SALEM, OREGON

(12) WELL LOG INFO. CONT'D FROM PREVIOUS PAGE:

MATERIAL	FROM	TO	SWL
gravel med coarse some cobbles & fine sand loose	112	122	
coarse gravel, cobbles w/ sand some clay grey tight	122	143	
coarse gravel, cobbles w/ sand some clay grey slightly looser	143	154	
sand & gravel coarse w/ cobbles loose	154	158	
clay brown	158	166	
gravel w/ clay brown	166	171	
sand brown med	171	172	
clay brown sticky	172	182	
clay grey	182	205	

Westerberg Drilling, Inc.
36728 S. Kropf Rd.
Molalla, OR 97038

LINN 56359

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

Instructions for completing this report are on the last page of this form.

(WELL I.D.)# L 72466

(START CARD) # 168772

(1) OWNER: Well Number Kingwood #2

Name City of Mill City

Address PO Box 256

City Mill City State OR Zip 97360

(2) TYPE OF WORK

[x] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD:

[ ] Rotary Air [ ] Rotary Mud [x] Cable [ ] Auger

[ ] Other

(4) PROPOSED USE:

[ ] Domestic [x] Community [ ] Industrial [ ] Irrigation

[ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval [ ] Yes [x] No Depth of Completed Well 166 ft.

Explosives used [ ] Yes [x] No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
24	0	30	cement	0	45	158 sks
20	30	50				
16	50	167				

How was seal placed: Method [ ] A [ ] B [x] C [ ] D [ ] E

[ ] Other

Backfill placed from 45 ft. to 50 ft. Material sand

Gravel placed from 97 ft. to 167 ft. Size of gravel CSSI 6x9

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	16	+3	114	.375	[x]	[ ]	[x]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Liner:	16	162	167	.375	[x]	[ ]	[x]	[ ]
					[ ]	[ ]	[ ]	[ ]

Final location of shoe(s) 167

(7) PERFORATIONS/SCREENS:

[ ] Perforations Method

[x] Screens Type v-wire Material 304SS

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
97	111	blank	MS	12	PS	[ ]	[ ]
111	158	.065	cont.	12	PS	[ ]	[ ]
158	166	blank	MS	12	PS	[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]

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

[x] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
130	8		2 hr.
335	25		add'l 2 hrs
460	42		add'l 20.5 hrs

Temperature of water ~51F 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 Linn Latitude Longitude

Township 9 S Range 3 E WM

Section 32 NE 1/4 NW 1/4

Tax Lot 3200 Lot Block Subdivision

Street Address of Well (or nearest address) NE corner of Kingwood Ave and Fifth Ave (proposed)

(10) STATIC WATER LEVEL:

42 ft. below land surface. Date 12/17/04

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 45

From	To	Estimated Flow Rate	SWL
all sand / gravel / cobble intervals:			See (10)
45	156	See (8)	

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
See Attached Formation Log			

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SALEM, OREGON

Date started 8/24/04 Completed 12/17/04

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 1797

Signed Date 1/5/05

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 649

Signed Stephen Kilmer Date 1/5/05

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City of Mill City - Kingwood Well #2

by Schneider Drilling Co.

Start Card #168772 Label #L72466

FM	TO	DESCRIPTION
0	1	Topsoil
1	3	Clay, brown, medium
3	6	Clay, brown, medium w/cobbles & gravel
6	10	Clay, brown, medium w/cobbles, gravel & sand, coarse
10	23	Clay, brown, medium w/cobbles & gravel
23	27	Clay, gray-brown, medium w/gravel & some cobbles
27	35	Clay, brown & grey, medium w/gravel & cobbles
35	41	Clay, gray & brown, medium w/some gravel & occasional cobble
41	43	Clay, gray, medium w/some gravel
43	45	Clay, gray, medium w/gravel & sand, coarse-fine
45	50	Sand, black, coarse to fine
50	60	Sand, black w/gray, coarse-fine & gravel, 3"- w/cobbles
60	74	Sand, black, coarse to fine & gravel, 3"- w/cobbles
74	80	Sand, black, coarse to fine w/gravel, 3"- & some cobbles
80	85	Clay, brown, soft
85	98	Sand, black, fine-coarse w/some gravel, 1"-
98	100	Clay, brown, soft w/gravel, 1"-
100	107	Sand, black, fine-coarse w/gravel, 1"-
107	110	Clay, brown, soft w/gravel, 1"-
110	115	Gravel, 2"- w/sand, black, coarse to fine & cobbles
115	120	Sand, black, coarse to fine w/gravel, 3/4"-
120	129	Sand, black, coarse to fine w/gravel, 2"- & clay, brown, soft
129	135	Gravel, 2"- w/sand, black, med-coarse & cobbles
135	136	Gravel, 3/4"- w/sand, black, med-coarse
136	138	Sand, black, coarse-fine w/gravel, 2"- & some clay, red-brown, soft
138	142	Gravel, 3/4"- w/sand, black, coarse-fine
142	156	Sand, black, coarse-fine w/gravel, 1"- & occassional cobble
156	167	Clay, brown, medium, sticky, w/gravel, 1.5"-

#7

STATE OF OREGON

WATER WELL REPORT

(as required by ORS 537.765)

LINN 1149

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MAY 7 1991

WATER RESOURCES DEPT

9S 3E 28 CC

(START CARD) # 26521

(1) OWNER:

Well Number: 91-112

Name: Pat Kelly

Address: 727 NE Santiam Blvd.

City: Mill City State: OR Zip: 97360

(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: 62 ft.

Explosives used: Yes ☐ No ☒ Type: Amount:

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	18	Cement grt	0	18	16 sacks
			3% bent.			
8	18	25				
6	25	85				

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

☐ Other

Backfill placed from: 65 ft. to 85 ft. Material: Gravel slough

Gravel placed from: 43 ft. to 65 ft. Size of gravel: PEA

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6	+1	43	250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:	4	-5	65	.237	☐	☒	☒	☐
					☐	☐	☐	☐

Final location of shoe(s): 43' 5 1/2 I.D. shoe

(7) PERFORATIONS/SCREENS:

☐ Perforations Method: Manufactures cut slot

☒ Screens Type: Triloc Material: PVC

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
-5	45	blank pipe			6	☐	☒
45	65	10	3840	2"	6	☐	☒
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☒ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
6.5	38'		1 hr.
5.0	44	air line at 62'	1 hr
		could fluctuate	

Temperature of water: 52° 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: Linn Latitude: Longitude:

Township: 9 N or (S) Range: 3 (E) or W, WM.

Section: 28 SW ¼ SW ¼

Tax Lot: 400 Lot: Block: Subdivision:

Street Address of Well or nearest address: 40119 Dogwood Dr. Mill City, OR. 97360

(10) STATIC WATER LEVEL:

18 ft. below land surface. Date: 4/29/91

Artesian pressure: lb. per square inch Date:

(11) WATER BEARING ZONES:

Depth at which water was first found: 13

From	To	Estimated Flow Rate	SWL
48	51	2.5	18
58	62	4	18

(12) WELL LOG:

Ground elevation: 860

Material	From	To	SWL
Pit run fill	0	1	
Sand brown med coarse	1	8	
Boulder	8	10	
Boulers gravel clay sandy	10	16	13
Gravel clay br sandy w/ cobbles	16	32	
Sand br. med-coarse	32	48	
Sand & gravel	48	51	18
Sand br	51	58	
Gravel loosely cemented	58	62	18
Gravel multi colored w/ claystone gray	62	82	
Claystone gray sandy	82	85	

Date started: 4/26/91 Completed: 4/29/91

(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.

WWC Number:

Signed: Date:

(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. MACK DRILLING CO. WWC Number: 1394

Signed: Eugene R. Mack Date: 5/2/91

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9809C 3/88

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

Instructions for completing this report are on the last page of this form

FEB 18 1999

WATER RESOURCES DEPT
SALEM, OREGON

LINN
52311

WELL ID # 22950

(START CARD) # 121275

(1) OWNER:

Well Number: 22950

Name SHARON DEY

Address 34339 GRENZ LANE

City ALBANY State OR Zip 97321

(2) TYPE OF WORK:

☒ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger

☐ Other

(4) PROPOSED USE:

☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation

☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval ☐ Yes ☒ No Depth of Completed Well 101.5 ft.

Explosives used ☐ Yes ☒ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10"	0	20	CEMENT	0	20	16 SACKS W/ 4% BENTONITE
7.5"	20	101				

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

☐ Other

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:	6"	+1	101	.250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) 101 FEET DR SHOE

(7) PERFORATIONS/SCREENS:

☒ Perforations Method AIR ROTARY

☐ Screens Type SLOT Material STEEL

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
90	97	1/4	140	1 1/2		☒	☐
						☐	☐
						☐	☐
						☐	☐

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
15	20'		4 MINS
14	70'		20 MINS
12	80'		30 MINS
7.5	90'		1 HOUR

Temperature of Water 51 ° 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 LINN Latitude Longitude

Township 9/S N or S. Range 3/E E or W. of WM.

Section 28 SW 1/4 SW 1/4

Tax lot 400 Lot Block Subdivision

Street Address of Well (or nearest address)

40119 DOGWOOD DRIVE, MILL CITY, OREGON 97360

(10) STATIC WATER LEVEL:

11 ft. below land surface. Date 2/11/99

Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 20 FEET

From	To	Estimated Flow Rate	SWL
50	57	5	11
90	98	7.5	11

(12) WELL LOG:

Ground elevation

Material	From	To	SWL
SANDY BROWN TOPSOIL	0	1	
BOULDER	1	3	
GRAVEL COBBLES & BOULDERS SANDY BROWN	3	6	
BOULDER	6	8	
COBBLES GRAVEL & SAND BROWN	8	14	
BOULDERS	14	20	
COBBLES & GRAVEL	20	32	
GRAVEL & SAND BROWN SILTY	32	34	
SAND BROWN MEDIUM SOME SILT	34	42	
SAND COARSE TO PEA GRAVEL BLK	42	51	
GRAVEL SMALL W/ SAND COARSE	51	55	
GRAVEL 1/4 TO 1/2 PACKED W/ ASHSTONE LIGHT	55	64	
GRAVEL 1" MINUS LOOSELY CEMENTED W/ VOLCANIC ASH	64	90	
GRAVEL 3/4" LOOSE W/ ASHSTONE LIGHT BROWN	90	98	
GRAVEL W/ SANDSTONE INTERBED	98	101.5	

Date started 02/09/99 Completed 02/14/99

(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 water supply well construction standards. Materials used and information reported above are true to my best knowledge and belief.

WWC Number

Signed Date

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1394

Signed Date 2-12-99

MACK DRILLING COMPANY, INC.

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON, within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON
(Please type or print)
Do not write above this line)

Linn
3496

State Well No. 9/3-32bd

State Permit No. G 5379

Well #1

RECEIVED
MAY 5 1970
STATE ENGINEER
SALEM, OREGON

(1) OWNER:

Name Dan Walker

Address Rt. 1 Mill City, 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 ☒

10 " Diam. from 0 ft. to 160 ft. Gage .250

" Diam. from ft. to ft. Gage

" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

Perforated? ☒ Yes ☐ No.

Type of perforator used Dry Hard. x Milk knife

Size of perforations ½ in. by 8 in.

20 perforations from 74 ft. to 84 ft.

100 perforations from 130 ft. to 160 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 49 ft. below land surface Date May 1, 1970

Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level

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

Yield: 250 gal./min. with 89 ft. drawdown after 4 hrs.

" " " "

" " " "

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

Artesian flow g.p.m. Date

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

(10) CONSTRUCTION:

Well seal—Material used Cement

Depth of seal 20 ft.

Diameter of well bore to bottom of seal 16 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 Linn Driller's well number 362

¼ ¼ Section 32 T. 9S R. 3E W.M.

Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing —

Depth drilled 160 ft. Depth of completed well 160 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
Soil	0	2	
Gravel - Boulders - Clay	2	25	
Med Gravel Clay	25	44	
Boulders & Gravel	44	75	
Boulders	75	85	16
Clay Silt	85	100	16
Gravel	100	103	49
Clay Silt Small Gravel	103	137	49
Gravel	137	149	49
Clay	149	160	49

Work started March 30 1970 Completed April 24 1970

Date well drilling machine moved off of well May 1 1970

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] (Drilling Machine Operator) Date May 1, 1970

Drilling Machine Operator's License No. 117

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 Long Drilling (Person, firm or corporation) (Type or print)

Address 4190 Fletcher Rd N.E. Salem, Ore.

[Signed] (Water Well Contractor)

Contractor's License No. 75 Date May 1, 1970

(USE ADDITIONAL SHEETS IF NECESSARY)

2-

LINN 2588

RECEIVED

DEC - 9 1994

WATER RES. DEPT. SALEM, OREGON

9S/3E/32

(START CARD) # 65266

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

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 1

Name Don Walker/Al Ward

Address PO Box 725

City Mill City State OR Zip 97360

(2) TYPE OF WORK

[X] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD:

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger

[ ] Other

(4) PROPOSED USE:

[X] Domestic [ ] Community [ ] Industrial [X] Irrigation

[ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval [ ] Yes [X] No Depth of Completed Well 177 ft.

Explosives used [ ] Yes [X] No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12"	0	18	Bentonite	0	18	17 sacks
8"	18	177				

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E

[X] Other Poured Dry

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"	+1.5	176	.250	[X]	[ ]	[X]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Liner:					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]

Final location of shoe(s) 176 Tubex 7.50"

(7) PERFORATIONS/SCREENS:

[X] Perforations Method Air Perforate

[ ] Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
130	172	½X1½	2000		8"	X	[ ]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]

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

[ ] Pump [ ] Bailer [X] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
440	N/A	174	1 hr.

Temperature of water 56 Depth Artesian Flow Found None

Was a water analysis done? [ ] Yes By whom None

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 Linn Latitude _____ Longitude _____

Township 9 S N or S Range 3 E E or W WM.

Section 32 SE 1/4 NW 1/4

Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) 1154 4th Ave. SE

(10) STATIC WATER LEVEL:

51 ft. below land surface. Date 11-10-94

Artesian pressure None lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 68'

From	To	Estimated Flow Rate	SWL
68'	177'	440	51

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Top Soil	0	2	
Boulders & Brown Cobbles	2	52	
Brown Cobbles & Large Gravels	52	68	
Brown Gravels Large Redish	68	85	51
Brown Gravels Large	85	92	
Reddish Brown Sand Course	92	95	
Reddish Brown Sand Fine Silty	95	105	
Brown Gravels Small	105	115	
Reddish Brown Gravels Pea	115	120	
Brown Gravels Med	120	130	
Brown Gravels Large	130	145	
Gravel Small Loose	145	155	
Gravel Large Loose	155	177	

Date started 11-4-94 Completed 11-10-94

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 1530

Signed Steve Ward Date 11-14-94

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1358

Signed Roger Stutz Date 11-14-94

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

For Official Use Only by **The Oregon Water Resources Department:**

Received Date: 12-8-04 | County Well Log ID #: Linn 2588 | Well Identification Tag #: L-75682

75682

APPLICATION FOR WELL IDENTIFICATION TAG

LANDOWNER INFORMATION (This well is well # 1 of 3 wells on the property)

Current Landowner's Name: ~~PLEASE PRINT~~ DONALD C. WALKER TRUST

Mailing Address: PO Box 725

City: MILL CITY State: OR Zip: 97360 Phone #:

Mail Well Tag to (if other than above address): Scott Montgomery, Land Markers Inc
POB 15090 Salem 97309

(Note: If this is a shared well please see instructions)

WELL LOCATION INFORMATION (May also be referred to by County Assessor as the "Map Number")

Township #: 9 North or South (circle one) Range #: 3 East or West (circle one) Section #: 32

Tax Lot #: 3000 ____ 1/4 ____ 1/4 (if known) County: LINN

Street Address of Well: 1254 SE 4TH AVE MILL CITY, OR

WELL INFORMATION (Do not complete if well report is attached. Information on locating well reports is enclosed)

Type of Well (i.e. domestic, irrigation, etc): _____ Date Well Constructed: _____

Well Constructor/Company: _____

Well Depth (in feet): _____ Diameter of Well Casing (in inches): _____

Landowner Who Had Well Constructed or Previous Owner at the Time Well was Constructed (if known):

Other Information: _____

Mail form to: Janet Halladay, Well Identification Program
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271 or fax to 503-986-0902.

9-04

NOTICE TO WATER WELL CONTRACTOR
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
NOV 1 1973
STATE ENGINEER
SALEM, OREGON

WATER WELL REPORT
STATE OF OREGON

(Please type or print) Linn 3499

(Do not write above this line)

State Well No. 9S/3E-32

State Permit No. G 6332 well #2 G6843

(1) OWNER:
Name Don Walker Ranch
Address Mill City, 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:
Threaded ☐ Welded ☒
10 " Diam. from 0 ft. to 162 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:
Perforated? ☒ Yes ☐ No
Type of perforator used Oxy-Acet.
Size of perforations 3/16 in. by 8 in.
65 perforations from 147 ft. to 162 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?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "
Bailer test 30 gal./min. with 47 ft. drawdown after 1 hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 17 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 7 sacks
Number of sacks of bentonite used in well seal 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:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Linn Driller's well number 472-73.
¼ ¼ Section 32 T. 9S R. 3E. W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 55 ft.
Static level 53 ft. below land surface. Date June 9, 1923.
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing —
Depth drilled 162. ft. Depth of completed well 162. 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	2	
Clay & Boulders	2	40	
Gravel Large	40	50	
Boulders	50	55	20.
Gravel Small Sandy	55	75	
Boldest Gravel	75	100	
Clay Sandy	100	140	
Small Gravel-Sandy	140	145	
Gravel Sandy Med	145	159	
Sand	159	162	53.

Work started June 7 19 23 Completed June 9 1923
Date well drilling machine moved off of well June 9 1923

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] (Drilling Machine Operator) Date June 9, 1923
Drilling Machine Operator's License No. 117

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 (Person, firm or corporation) (Type or print)
Address 4190 Fletcher Rd N.E. Salem, Ore.
[Signed] (Water Well Contractor)
Contractor's License No. 75 Date June 9, 1923.

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45856-119

NOTICE TO WATER WELL CONTRACTOR
The original and first copy of this report are to be filed with the STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

RECEIVED
AUG 18 1970
STATE ENGINEER
SALEM, OREGON

WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

Linn
3498

State Well No. 9/3-32
State Permit No.

(1) OWNER:
Name Don Walter
Address Rt 1 Mill City 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:
Threaded ☐ Welded ☒
10" Diam. from 0 ft. to 50 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:
Perforated? ☒ Yes ☐ No
Type of perforator used Oxy + Acet.
Size of perforations 3/16 in. by 3 in.
75 perforations from 80 ft. to 130 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?
Yield: gal./min. with ft. drawdown after hrs.
" " "
" " "
Bailer test 30 gal./min. with 50 ft. drawdown after 1½ hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement
Well sealed from land surface to 20 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 2 sacks
Number of sacks of bentonite used in well seal 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:
Gravel placed from ft. to ft.

(10) LOCATION OF WELL:
County Linn Driller's well number 372
¼ ¼ Section 32 T. 9S R. 3E W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 35 ft.
Static level 10'6" ft. below land surface. Date Aug 1, 1970
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:
Diameter of well below casing 10"
Depth drilled 165 ft. Depth of completed well 165 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	3	
Clay	3	6	
Clay + Decomposed Rock	6	28	
Broken Rock	28	49	10'6"
Rock, Hard	49	51	
Fine stone	51	66	
Clay stone Dark Grey Hard	66	100	
Clay stone Brown	100	105	
Clay stone Grey	105	130	
Rock	130	136	
Rock Med Hard	136	155	
Rock Hard	155	165	10'6"

Work started June 29 1970 Completed Aug 1 1970
Date well drilling machine moved off of well Aug 1 1970

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] (Drilling Machine Operator) Date Aug 1, 1970
Drilling Machine Operator's License No. 117

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 (Person, firm or corporation) (Type or print)
Address 4190 Fletcher Rd NE Salem, Ore.
[Signed] (Water Well Contractor)
Contractor's License No. 75 Date Aug 1, 1970

(USE ADDITIONAL SHEETS IF NECESSARY)

SP*45658-119

LINN 3498

For Official Use Only by **The Oregon Water Resources Department:**

Received Date:	County Well Log ID #	Well Identification Tag #
12/8/04	Linn 3498	L-75684

75684

APPLICATION FOR WELL IDENTIFICATION TAG

(PLEASE PRINT)

CURRENT LANDOWNER INFORMATION (This well is well # 3 of 3 wells on the property)

Current Landowner's Name: Donald C. Walker Trust

Landowner's Mailing Address: POB 725

City: Mill City State: OR Zip: 97360 Phone #:

Mail Well Tag to (if other than above address, ie:realtor, etc.): Scott Montgomery, Land Markers Inc. - POB 15090 - Salem OR 97309

*********(Note: If this is a shared well please see instructions)*********

WELL LOCATION INFORMATION (May also be referred to as the "Map & Tax Lot Number")

Township #: 9 North *or* (South) (circle one) Range #: 3 (East) *or* West (circle one), Section #: 32

Tax Lot #: 3000 ____ 1/4 ____ 1/4 (if known) County: Linn

Street Address of Well: 1254 SE 4th ave - Mill City

WELL INFORMATION

(Do not complete if well report is attached. Information on locating well reports is enclosed)

Type of Well (i.e. domestic, irrigation, etc): ____ Date Well Constructed: ____

Well Constructor/Company: ____

Well Depth (in feet): ____ Diameter of Well Casing (in inches): ____

Landowner Who Had Well Constructed (if known, or a list of property owners around the time you believe the well was constructed):

Other Information: ____

Mail form to: **Janet Halladey, Well Identification Program**
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271 or fax to 503-986-0902.

IDAPP 12/04

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.545 & 537.765 and OAR 690-205-0210)

LINN 64376

11/29/2023

WELL I.D. LABEL# L 152592
START CARD # 1072170
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.
First Name JEFF Last Name WHITE
Company
Address 17981 S COUNTRY VILLAGE DR
City OREGON CITY State OR Zip 97045

(2) TYPE OF WORK

[X] New Well [ ] Deepening [ ] Conversion [ ] Alteration (complete 2a & 10) [ ] Abandonment(complete 5a)

(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:									

	Material	From	To	Amt	sacks/lbs
Seal:					

(3) DRILL METHOD

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud
[ ] Reverse Rotary [ ] Other

(4) PROPOSED USE

[X] Domestic [ ] Irrigation [ ] Community
[ ] Industrial/ Commericial [ ] Livestock [ ] Dewatering
[ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)
Depth of Completed Well 118.50 ft.

BORE HOLE

Dia	From	To
10	0	20
6	20	118.5

SEAL

Material	From	To	Amt	sacks/lbs
Bentonite Chips	0	4	4	S
		Calculated	2	
Cement with 5% Bentor	4	20	8	S
		Calculated	5	

Seal placement method [ ] A [ ] B [X] C [ ] D [ ] E [X] Other: POURED AND PROBED
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: [ ] Type Amount
Seal Placement Begin Date 11/24/2023 Begin Time 10 00

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
(•)	( )	6	[X]	1.5	118.5	.250	(•)	( )	[X]	[ ]
( )	( )		[ ]				( )	( )	[ ]	[ ]
( )	( )		[ ]				( )	( )	[ ]	[ ]
( )	( )		[ ]				( )	( )	[ ]	[ ]
( )	( )		[ ]				( )	( )	[ ]	[ ]

Shoe [X] Inside [ ] Outside [ ] Other Location of shoe(s) 118.5
Temp casing [X] Yes Dia 10 From + [ ] 0 To 20

(7) PERFORATIONS/SCREENS

Perforations Method holte
Screens Type Material

Perf/ Screen	Casing/ Screen Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Perf	Casing	6	40	100	.25	1.25	1152	

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

(•) Pump ( ) Bailer ( ) Air ( ) Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
3		100	1
3	17	42	3

Temperature 54 °F Lab analysis [X] Yes By Waterlab
Water quality concerns? [ ] Yes (describe below) TDS amount 76 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County LINN Twp 9.00 S N/S Range 3.00 E E/W WM
Sec 28 SE 1/4 of the SW 1/4 Tax Lot 0300
Tax Map Number Lot
Lat ° ' " or 44.75476119 DMS or DD
Long ° ' " or -122.45206152 DMS or DD
(•) Street address of well ( ) Nearest address
40115 NORTH DOGWOOD ROAD, MILL CITY, OR 97360

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	11/28/2023			18

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 40.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
11/28/2023	40	100	3			18

(11) WELL LOG

Ground Elevation

Material	From	To
Sand Brown	0	1
Sand Boulders and Gravel	1	15
Sand Gravel w/ Cobbles Silty Brn	15	30
Sand Brn m-crs some Gravel silty	30	60
Sand Brown w/ more Gravel Silty	60	62
Boulders and Sand Silty	62	70
Claystone Brown w/ Sand Gravel Silty	70	75
Boulders and Sand Silty	75	90
Clay Brown	90	92
Sand and Gravel Silty	92	108
Claystone Red/Brown	108	118.5

Construction
Begin Date 11/22/2023 Begin Time 08 00 End Date 11/28/2023

(unbonded) Water Well Constructor Certification

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

License Number 2090 Date 11/28/2023
Signed JACK BOLLER (E-filed)

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1394 Date 11/29/2023
Signed EUGENE MACK (E-filed)
Contact Info (optional) Mack Drilling Company

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:
New exempt use wells must be submitted with a map and recording fee.

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

LINN 64376

11/29/2023

Map of Hole

STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department
725 Summer St NE, Salem OR 97301
(503)986-0900

LOCATION OF WELL

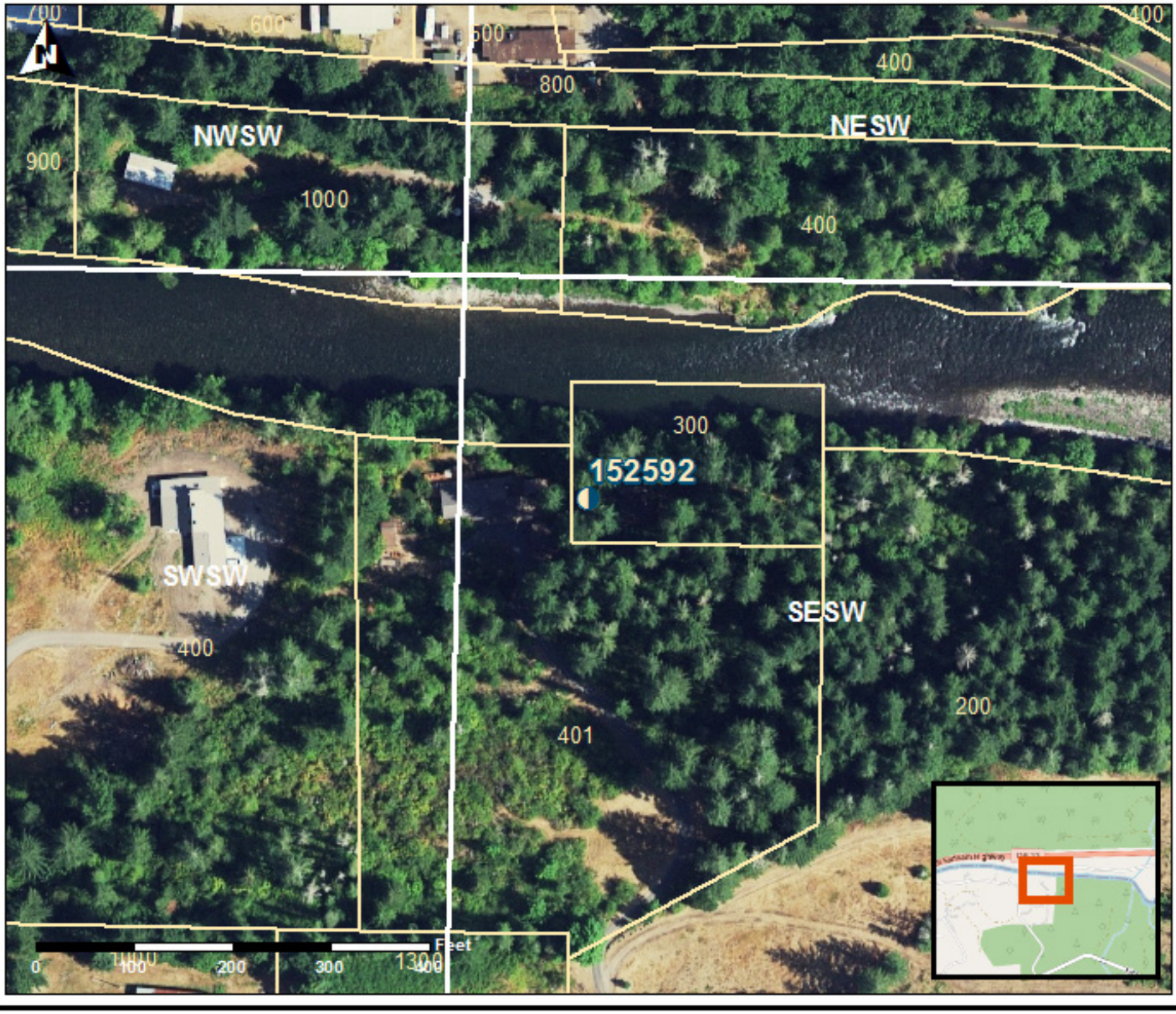
Latitude: 44.75476119 Datum: WGS84
Longitude: -122.45206152
Township/Range/Section/Quarter-Quarter Section:
WM9.00S3.00E28SESW
Address of Well:
40115 NORTH DOGWOOD ROAD, MILL CITY, OR 97360

Well Label: 152592

Printed: November 28, 2023

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



LINN 2587

9S/3E/32C

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

Page 1 of 2

RECEIVED
DEC - 9 1994
WATER RESOURCES DEPT.
SALEM, OREGON

(START CARD) # 65267

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number 2

Name Don Walker

Address PO Box 725

City Mill City State OR Zip 97360

(2) TYPE OF WORK

[X] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD:

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger

[ ] Other

(4) PROPOSED USE:

[X] Domestic [ ] Community [ ] Industrial [X] Irrigation

[ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION:

Special Construction approval [ ] Yes [X] No Depth of Completed Well 218 ft.

Explosives used [ ] Yes [X] No Type _____ Amount _____

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
12"	0	19	Benonite	0	19	26 sacks
8"	19	218				

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E

[X] Other ... poured Dry

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"	+1.5	218	250	[X]	[ ]	[X]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Liner:					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]

Final location of shoe(s) 218' tubex 7.5" I.D.

(7) PERFORATIONS/SCREENS:

[X] Perforations Method Air Perforate

[ ] Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
145	155	¼x1½	3500			[X]	[ ]
165	215	"	4000*			[X]	[ ]
						[ ]	[ ]
						[ ]	[ ]
						[ ]	[ ]

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

[X] Pump [ ] Bailer [X] Air [ ] Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
275	N/A	216'	1 hr.
Pump 428	110'	195'	4 hr

Temperature of water 56 Depth Artesian Flow Found None

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 Linn Latitude _____ Longitude _____

Township 9 S N or S Range 3 E E or W. WM.

Section 32 SE 1/4 NW 1/4

Tax Lot _____ Lot ___ Block _____ Subdivision _____

Street Address of Well (or nearest address) 4th Street Mill City

(10) STATIC WATER LEVEL:

53 ft. below land surface. Date 11-17-94

Artesian pressure None lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found 65

From	To	Estimated Flow Rate	SWL
65	100	75 GPM	53
130	155	100 GPM	53
162	218	100 GPM	53

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Top Soil	0	2	
Clay & Boulders	2	45	
Gravels & Clay Brown Large	45	65	
Sand Med Brown	65	70	53
Gravels Large Brown	70	72	53
Gravels Large/course Sand BR	72	92	53
Gravels Large/Course Sand	92		
Reddish Brown		100	
Clay Sandy Soft Brown	100	110	
Clay Sandy Soft Grey	110	113	
Clay Sandy Soft Brown	113	130	
Sand Packed Fine Brown with	130		
Course Reddish Brown Sand		145	53
Gravels Med Loose	145	155	53
Clay Soft Brown	155	160	
Clay Silty Brown	160	162	
Gravels Pea Size Brown	162	185	53
Gravels Small Brown/wood	185	190	53
Gravels Pea Brown	190	200	53
Cont. on Page 2			

Date started 11-11-94 Completed 11-17-94

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

WWC Number 1530

Signed Steve Vidovic Date 11-17-94

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1358

Signed Byron Baker Date 11-17-94

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

LINN 2587

RECEIVED DEC - 9 1994 WATER RESOURCES DEPT. SALEM, OREGON

9s/3e/32

STATE OF OREGON
WATER WELL REPORT
(as required by ORS 537.765)
Instructions for completing this report are on the last page of this form.

(START CARD) # 65267

(1) OWNER: Well Number 2
Name Don Walker
Address PO Box 725
City Mill City State OR Zip 97360

(2) TYPE OF WORK
☐ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☐ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☐ No Depth of Completed Well ____ ft.
Explosives used ☐ Yes ☐ No Type ____ Amount ____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

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

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:
☐ Perforations Method
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water 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 Linn Latitude ____ Longitude ____
Township 9 S N or S Range 3 E E or W. WM.
Section 32 SE 1/4 NW 1/4
Tax Lot ____ Lot ____ Block ____ Subdivision ____
Street Address of Well (or nearest address) 4th Street

(10) STATIC WATER LEVEL:
53 ft. below land surface. Date 11-17-94
Artesian pressure ____ lb. per square inch. Date ____

(11) WATER BEARING ZONES:
Depth at which water was first found

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
Gravels Med Brown	200	210	53
Clay Soft Grey	210	213	
Gravels Pea Grey	213	218	53
Note;			
Tubex Shoe $7\frac{1}{2}$" ID			

Date started 11-11-94 Completed 11-17-94

(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 water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
WWC Number 1530
Signed [signature] Date 11-17-94

(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 water supply well construction standards. This report is true to the best of my knowledge and belief.
WWC Number 1358
Signed [signature] Date 11-17-94

For Official Use Only by **The Oregon Water Resources Department:**

Received Date:	County Well Log ID #:	Well Identification Tag #
12-8-04	Linn 2587	L-75683

75683

APPLICATION FOR WELL IDENTIFICATION TAG

LANDOWNER INFORMATION (This well is well # 2 of 3 wells on the property)

Current Landowner's Name: ~~PLEASE PRINT~~ DONALD C. WALKER TRUST

Mailing Address: Po Box 725

City: MILL CITY State: OR Zip: 97360 Phone #:

Mail Well Tag to (if other than above address): see well # 1

(Note: If this is a shared well please see instructions)

WELL LOCATION INFORMATION (May also be referred to by County Assessor as the "Map Number")

Township #: 9 North or South (circle one) Range #: 3 East or West (circle one), Section #: 32

Tax Lot #: 3000 ____ 1/4 ____ 1/4 (if known) County: LINN

Street Address of Well: 1254 SE 4TH AVE MILL CITY, OR

WELL INFORMATION (Do not complete if well report is attached. Information on locating well reports is enclosed)

Type of Well (i.e. domestic, irrigation, etc): ____ Date Well Constructed: ____

Well Constructor/Company: ____

Well Depth (in feet): ____ Diameter of Well Casing (in inches): ____

Landowner Who Had Well Constructed or Previous Owner at the Time Well was Constructed (if known):

Other Information: ____

Mail form to: **Janet Halladay, Well Identification Program**
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271 or fax to 503-986-0902.

9-04

1b

FEB 18 1992 mari 17674

WATER RESOURCES DEPT.
SALEM, OREGON

9S/3E/29

(START CARD) # 37074

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

(1) OWNER: Well Number 2432
Name Walter Thomas
Address 1120 SW 2nd.
City Mill City State OR Zip 97360

(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 150 ft.
Explosives used ☐ Yes ☐ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
10	0	19	Cement	0	19	8 sacks
6	0	150	Bore			

How was seal placed: Method ☐ A ☐ B ☑ C ☐ D ☐ E
☐ Other
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:	6	1	20	250	☑	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:	4½ PVC	0	150	sch40	☐	☑	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) NONE

(7) PERFORATIONS/SCREENS:
☑ Perforations Method Drill
☐ Screens Type Material

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
60	150		500	¼ x ¼	4½ PVC	☐	☑
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☑ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
15 gpm		150	1 hr.

Temperature of Water 56° Depth Artesian Flow Found X
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 Marion Latitude Longitude
Township 9 N or (S) Range 3 (E) or W. WM.
Section 29 ¼ ¼
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address) NE Alder
Mill City, OR

(10) STATIC WATER LEVEL:
1 ft. below land surface. Date 2/7/92
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 108

From	To	Estimated Flow Rate	SWL
108	145	15 gpm	1

(12) WELL LOG:
Ground elevation

Material	From	To	SWL
Topsoil	0	1	
Boulders, gravel, Sand	1	14	
Blue Basalt	14	40	
Red Claystone	40	90	
Red & Blue Claystone Cong.	90	100	
Blue Sandstone	100	110	
Blue Basalt	110	120	
Red Claystone	120	130	
Blue Sandstone Cong.	130	150	1

Date started 2/7/92 Completed 2/9/92

(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. Material used and information reported above are true to my best knowledge and belief.

WWC Number
Signed Date

(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.

WWC Number 514
Signed Gerald D Jones Date 2/12/92

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9809C 10/2

MARI... 13955

WATER WELL DRILLERS REPORT
STATE OF OREGON

RECEIVED JAN 22 1959

Do Not Fill In — State Well No. 9/3 — 28M
State Permit No. ______

(1) OWNER:
Name Athel Savage
Address P.O. Box 276
Independence Oregon

(2) LOCATION OF WELL:
County Marion Owner's number, if any— /
R. F. D. or Street No.
Bearing and distance from section or subdivision corner
1325 ft. from Southwest Corner
1412 ft. North & 700 ft. east from SW corner Sect 29
T 9S - R3E

(3) TYPE OF WORK (check):
New well ☑ Deepening ☐ Reconditioning ☐ Abandon ☐
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):
Domestic ☑ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(5) EQUIPMENT:
Rotary ☐
Cable ☑
Dug Well ☐

(6) CASING INSTALLED:
Threaded ☐ Welded ☑

FROM 0 ft. to 26 ft. 6" Diam. 1/4 Gage or Wall

If gravel packed
Diameter of Bore / from ft. / to ft.
None

Type and size of shoe or well ring Steel 6"
Size of gravel:
Describe joint Welded

(7) PERFORATIONS:
Type of perforator used
SIZE of perforations ______ in., length, by ______ in.
FROM ______ ft. to ______ ft. ______ perf per foot ______ No. of rows
None

SCREENS:
Give Manufacturer's Name, Model No. and Size

(8) CONSTRUCTION:
Was a surface sanitary seal provided? ☐ Yes ☑ No To what depth ______ ft.
Were any strata sealed against pollution? ☑ Yes ☐ No
If yes, note depth of strata
FROM 0 ft. to 26 6" ft.
METHOD OF SEALING Pipe

(9) WATER LEVELS:
Depth at which water was first found 10' ft.
Standing level before perforating 5 Ft. ft.
Standing level after perforating ______ ft.

Log Accepted by:
[Signed] Athel Savage Dated 1-20, 1959
Owner

(10) WELL TESTS:
Was a pump test made? ☑ Yes ☐ No If yes, by whom? J. L. Klundt
Yield: 30 — gal./min. with 20 ft. draw down after 2 hrs.
Artesian flow ______ g.p.m.
Shut-in pressure ______ lbs. per square inch.
Bailer test 30 g.p.m. with 20 ft. drawdown
Temperature of water 50 Was a chemical analysis made? ☐ Yes ☐ No
Was electric log made of well? ☐ Yes ☑ No

(11) WELL LOG:
Diameter of well, 8 inches.
Total depth 41 ft. Depth of completed well 40 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.*

From ft.	To ft.	Formation
0	7	Dirt & Brown sand & Clay
7	17	Gravel
17	22	Red Clay
22	40	Blue Shell

Ground elevation at well site ______ feet above mean sea level.
Work started Jan 5 1959 Completed Jan 20 1959

Well Driller's Statement:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME J. L. Klundt
(Person, firm, or corporation) (Typed or printed)
Address Rt. 1 Box 144 Stayton
Driller's well number
[Signed] J. L. Klundt
(Well Driller)
License No. 148 Dated Jan 20, 1959

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.545 & 537.765 and OAR 690-205-0210)

LINN 64502

6/28/2024

WELL I.D. LABEL# L 152769
START CARD # 1074213
ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. 6593
First Name NICOLAS Last Name KAHLER
Company
Address 2807 VAN KLEECK PL NW
City SALEM State OR Zip 97304

(2) TYPE OF WORK

[X] New Well [ ] Deepening [ ] Conversion [ ] Alteration (complete 2a & 10) [ ] Abandonment(complete 5a)

(2a) PRE-ALTERATION

	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
Casing:									

	Material	From	To	Amt	sacks/lbs
Seal:					

(3) DRILL METHOD

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud
[ ] Reverse Rotary [ ] Other

(4) PROPOSED USE

[X] Domestic [ ] Irrigation [ ] Community
[ ] Industrial/ Commericial [ ] Livestock [ ] Dewatering
[ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)
Depth of Completed Well 98.00 ft.

BORE HOLE

Dia	From	To
10	0	19
6	19	100

SEAL

Material	From	To	Amt	sacks/lbs
Bentonite	0	19	22	S
		Calculated	10	
		Calculated		

Seal placement method [ ] A [ ] B [ ] C [ ] D [ ] E [X] Other: POURED DRY
Backfill placed from ft. to ft. Material
Filter pack from ft. to ft. Material Size
Explosives used: [ ] Type Amount
Seal Placement Begin Date 6/26/2024 Begin Time 16 30

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount Actual Amount

(6) CASING/LINER

C/L	Dia	+	From	To	Gauge	Mat. Type	Wld	Thrd	Shoe	Shoe Location
C	6	X	1	98	.250	ST	X			

Temp casing [X] Yes Dia 10 From + [X] 1 To 19

(7) PERFORATIONS/SCREENS

Perforations Method
Screens Type Material

Perf/ Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ Pipe size

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

Type of Test	Yield (gal/min)	Drawdown	Drill Stem/ Pump Depth	Duration (hr)
Air	75		96	1

Temperature 59 °F Lab analysis [ ] Yes By
Water quality concerns? [ ] Yes (describe below) TDS amount 52 ppm

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County LINN Twp 9.00 S N/S Range 3.00 E E/W WM
Sec 32 SE 1/4 of the NW 1/4 Tax Lot 501
Tax Map Number Lot
Lat ° ' " or 44.74680900 DMS or DD
Long ° ' " or -122.47102200 DMS or DD
(•) Street address of well ( ) Nearest address
1118 SE 4TH AVE. - MILL CITY, OR 97360

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	6/26/2024			51

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 60.00

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
6/24/2024	60	100	75			51

(11) WELL LOG

Ground Elevation

Material	From	To
Topsoil	0	1
Sand & gravel w/boulders	1	34
Brown sand w/some gravel	34	45
Sand& gravel	45	87
Brown sand w/gravel & silt	87	100

Construction
Begin Date 6/24/2024 Begin Time 11 30 End Date 6/26/2024

(unbonded) Water Well Constructor Certification

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

License Number Date

Signed

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1684 Date 6/28/2024

Signed BRET JONES (E-filed)

Drilling Company: Jones Drilling Co., Inc.

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:
New exempt use wells must be submitted with a map and recording fee.

WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

LINN 64502

6/28/2024

Map of Hole

STATE OF OREGON
WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department
725 Summer St NE, Salem OR 97301
(503)986-0900

LOCATION OF WELL

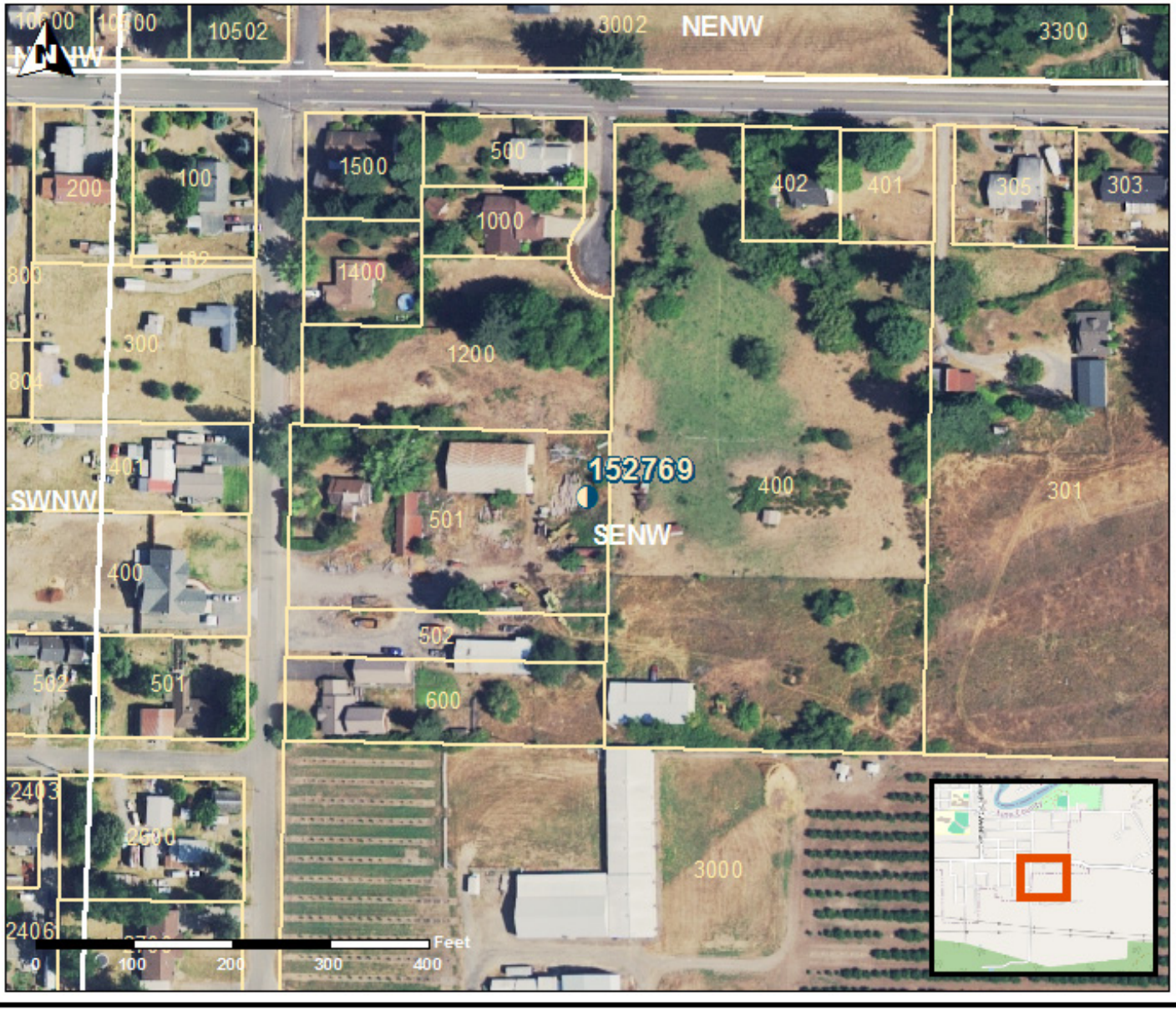
Latitude: 44.74680900 Datum: WGS84
Longitude: -122.47102200
Township/Range/Section/Quarter-Quarter Section:
WM9.00S3.00E32SENW
Address of Well:
1118 SE 4TH AVE. - MILL CITY, OR 97360

Well Label: 152769

Printed: June 28, 2024

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



MARI 62407

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

WELL LABEL # L 42576

START CARD # 200928

(1) LAND OWNER

Owner Well I.D. 5018

First Name Emmet & Frances Last Name Thomas

Company

Address P.O. Box 317

City Mill City State OR Zip 97360

(2) TYPE OF WORK

[X] New Well [ ] Deepening [ ] Conversion [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD

[X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Cable Mud [ ] Reverse Rotary [ ] Other

(4) PROPOSED USE

[X] Domestic [ ] Irrigation [ ] Community [ ] Industrial/ Commericial [ ] Livestock [ ] Dewatering [ ] Thermal [ ] Injection [ ] Other

(5) BORE HOLE CONSTRUCTION

Special Standard [ ] (Attach copy)

Depth of Completed Well 56 ft.

BORE HOLE Dia	From	To	SEAL Material	From	To	Amt	sacks/ lbs
10	0	39	Bentonite	0	39	18	S
6	39	56					

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E

[X] Other Poured dry

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: [ ] Yes Type Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
(•)	( )	6	X	1	39	250	(•)	( )	X	
( )	( )						( )	( )		
( )	( )						( )	( )		
( )	( )						( )	( )		
( )	( )						( )	( )		

Shoe [ ] Inside [ ] Outside [ ] Other Location of shoe(s)

Temp casing [X] Yes Dia 10 From 0 To 19

(7) PERFORATIONS/SCREENS

Perforations Method

Screens Type Material

Perf/Screen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

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

( ) Pump ( ) Bailer (•) Air ( ) Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
25		55	1

Temperature 54 °F Lab analysis [ ] Yes By

Water quality concerns? [ ] Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County MARION Twp 9 S N/S Range 3 E E/W WM

Sec 29 SE 1/4 of the SW 1/4 Tax Lot 3900

Tax Map Number Lot

Lat ° ' " or DMS or DD

Long ° ' " or DMS or DD

(•) Street address of well ( ) Nearest address

510 Santiam Pointe Lp. NE, Mill City, OR 97360

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Predeepening				
Completed Well	04-28-2009			11

Flowing Artesian? [ ] Dry Hole? [ ]

WATER BEARING ZONES Depth water was first found 50

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
04-28-2009	50	58	30			11

(11) WELL LOG

Ground Elevation

Material	From	To
Topsoil	0	3
Gravel & sand cemented	3	16
Grey clay	16	24
Broken basalt & clay	24	29
Black basalt	29	56
Broken black basalt	56	59
Rock was too broken to drill		
caved back to 56'		

JONES DRILLING CO., INC.
29400 SANTIAM HWY.
LEBANON, OR 97355
541-367-2560 541-451-2684
1-800-915-8388

RECEIVED
MAY 11 2009
WATER RESOURCES DEPT
SALEM, OREGON

Date Started 04-28-2009 Completed 04-28-2009

(unbonded) Water Well Constructor Certification

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

License Number 1411 Date 05-04-2009

Password : (if filing electronically)

Signed

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, 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 water supply well construction standards. This report is true to the best of my knowledge and belief.

License Number 1684 Date 05-04-2009

Password : (if filing electronically)

Signed

Contact Info (optional) jonesdrilling@hotmail.com

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

Form Version: 0.89

Attachment B

Water Use Survey Results

Table B-1. Water Use Survey Results

Property #	PIN	Address	Water Supply Source	Main Water Usage	Location on Property	Total Depth (ft bgs- wells only)	Additional Comments	Contact Date (2024)
1	09S03E3200 00417	49050 SE Fairview St, Mill City OR, 97360	Private Well	Household	NW third of Taxlot 416	54	Had to build a catchment system after the fire. Owner inquired if this will affect the septic/ well/ catchment and sewer system.	24-Apr
2	09S03E3200 00416							
3	09S03E29CD 01000	627 SE Fairview St, Mill City OR, 97360-2702	Municipal				Information provided by City of Mill City- Unable to reach property owner.	24-Apr
4	09S03E29CD 00800	No site address	Municipal	Irrigation				29-Apr
5	09S03E29CD 00151	No site address	Municipal				Kimmel Park	29-Apr
6	09S03E29CD 00200	471 SE Fairview St, Mill City OR, 97360	Municipal				Kimmel Park- Park Host RV Site and Public Restroom	29-Apr
7	09S03E29CD 01200	717 SE Fairview St, Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	24-Apr
8	09S03E29CD 01100	441 SE 7th Ave, Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	24-Apr
9	09S03E32BA 00100	710 SE Fairview St , Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	24-Apr
10	09S03E29CD 00801	416 SE 7th Ave, Mill City OR, 97360	Municipal					24-Apr
11	09S03E29CD 00900	611 SE Fairview St, Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	24-Apr
12	09S03E32AC 00800	48989 Kingwood Ave, Mill City OR, 97360	Municipal					27-Apr
13	09S03E29CD 01300	763 SE Fairview St, Mill City OR, 97360	Municipal					24-Apr
14	09S03E3200 00401	49048 SE Fairview St, Mill City OR, 97360	Municipal					27-Apr
15	09S03E3200 00300	48944 SE Fairview St, Mill City OR, 97360	Municipal				Info provided by Richard Long (a resident of this address)	27-Apr
16	09S03E32BA 00300	610 SE 6th Ave, Mill City OR, 97360-2307	Municipal					27-Apr
17	09S03E2900 00301	48999 SE Fairview St, Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	27-Apr
18	09S03E32BA 00201	640 SE Fairview St, Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	27-Apr
19	09S03E32BA 00700	620 SE Fairview St, Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	27-Apr
20	09S03E3200 00301	48974 SE Fairview St, Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	29-Apr
21	09S03E3200 00427	49046 SE Fairview St, Mill City OR, 97360	Municipal					27-Apr
22	09S03E32BA 00500	554 SE 6th Ave, Mill City OR 97360	Municipal					27-Apr
23	09S03E32 00200	48988 SE Fairview St, Mill City OR, 97360	Municipal				Info provided by Kathleen Heureberger- property was sold several years go and assessor's website is not updated	27-Apr
24	09S03E3200 00202	49044 Fairview St, Mill City OR, 97360	Municipal					27-Apr
25	09S03E32BA 00202	660 SE Fairview St, Mill City OR, 97360	Municipal				Information provided by City of Mill City- Unable to reach property owner.	27-Apr
26	09S03E3200 00204		None					27-Apr
27	09S03E32 00100	No site address	None				Info provided by Scott Baughman	27-Apr
28	09S03E29CD 00802	No site address	None				Property is a drainfield for the wastewater treatment site	29-Apr
29	09S03E2900 00302	No site address	None				Kimmel Park	29-Apr
30	09S03E2900 00300	No site address	None				Kimmel Park	29-Apr
31	09S03E32AC00100	No site address	None					29-Apr
32	09S03E3200 00423	No site address	Unknown				Information provided by City of Mill City- No City water on property but unknown if there is a well on the property.	27-Apr
33	09S03E3200 00413	No site address	Unknown				Information provided by City of Mill City- No City water on property but unknown if there is a well on the property.	24-Apr
34	09S03E2900 00400	360 SE Remine Rd, Mill City OR, 97360	Monitoring Well	Sampling Point	1 MW on NE corner of property near river, 1 well along N boundary of property		City of Mill City monitoring wells for the City's wastewater treatment plant	29-Apr
35	09S03E32 00100	Se Fairview St and SE Kingwood Ave	Monitoring Well		44.7511, -122.4621		City of Mill City Monitoring Well: LINN64303, GM1-MW2P	OWRD GWIS
36	09S03E32 00100	Se Fairview St and SE Kingwood Ave	Monitoring Well		44.7493, -122.4611		LINN64302, GM1-MW1P	
37	09S03E320000100	1254 SE 4th Ave, Mill City, OR	Monitoring Well		44.7502, -122.4614		LINN64445/ GM1-MW5	OWRD GWIS

Notes

https://gis.co.linn.or.us/portal/apps/webappviewer/index.html?id=afcf95382e0148339c9edb3bed350137

https://lc-helionweb.co.linn.or.us/pso/

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 01/24/24

Time of Conversation: 8:30am

Section 1: Property Information

Property Owner: Alvin Cole

Linn Co. Taxlot PIN: 09S03E32DD 00417

Address: No Situs

Taxlot: 417

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

(Private Well) | Private Spring | Mill City Municipal Water | Other (if "other" add comments in the "Additional Comments" Section)

For Wells Only: Total Depth: 54' GW Log ID (e.g., LINN 475): Unk

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | (Household (drinking, washing, etc.))

3) Location of Well or Spring on Property (describe):

NW 1/3 of taxlot 416 (adjoining)

Additional Comments (optional):

Had to build a catchment system after the fire. Will this affect the septic/well? Catchment & sewer system

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/24/24

Time of Conversation: 8:50am

Section 1: Property Information

Property Owner: Alvin Cole

Linn Co. Taxlot PIN: 09S03E3200 00416

Address: 49050 SE Fairview St
Mill City, OR 97360

Taxlot: 416

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

(Private Well) | Private Spring | Mill City Municipal Water | Other (if "other" add comments in the "Additional Comments" Section)

For Wells Only: Total Depth: 54' GW Log ID (e.g., LINN 475): unk

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | (Household (drinking, washing, etc.))

3) Location of Well or Spring on Property (describe):

NW 1/3 of tax lot

Additional Comments (optional):

See comments on tax lot 417.

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:30am

Section 1: Property Information

Property Owner: Anthony Davis

Linn Co. Taxlot PIN: 09S03E29CD 01000

Address: 627 SE Fairview St Mill City 97360

Taxlot: 1000

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

Answers from City of MC.

_____

_____

_____

_____

_____

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/24/24

Time of Conversation: 10:15am

Section 1: Property Information

Property Owner: Arin M + Mandi M. Atiyeh

Linn Co. Taxlot PIN: 09S03E32AC00100

Address: No Situs Address

Taxlot: 100

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

NONE

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

NONE

3) Location of Well or Spring on Property (describe):

NONE

Additional Comments (optional):

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:30am

Section 1: Property Information

Property Owner: Bayles Family Trust

Linn Co. Taxlot PIN: 09S03E32000413

Address: No situs address

Taxlot: 413

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

- info provided by City - unable to contact owner
- NO CITY WATER, BUT UNKNOWN FOR WELL.

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:30am

Section 1: Property Information

Property Owner: City of Mill City

Linn Co. Taxlot PIN: 09S03E29DD 04400

Address: 360 SE Remine Rd Mill City, OR 97360

Taxlot: 4400

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

(Private Well) | Private Spring | (Mill City Municipal Water) | Other (if "other" add comments in the "Additional Comments" Section)

For Wells Only: Total Depth: UNK GW Log ID (e.g., LINN 475): UNK

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | Household (drinking, washing, etc.) | x Sampling points

3) Location of Well or Spring on Property (describe):

1-NE corner near river

2-Along N. Boundary

Additional Comments (optional):

Monitoring wells for the site (wastewater Treatment facility

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:30am

Section 1: Property Information

Property Owner: City of Mill City

Linn Co. Taxlot PIN: ~~09S03E~~29CD ~~00~~802

Address: ~~360 SE Remine Rd. Mill City, OR 97360~~ No Situs Address

Taxlot: ~~400~~ 802

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

NONE

~~Private Well~~ | Private Spring | Mill City Municipal Water | Other (if "other" add comments in the "Additional Comments" Section)

For Wells Only: Total Depth: ________ GW Log ID (e.g., LINN 475): ________

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

Additional Comments (optional): DRAIN FIELD FOR WASTE WATER TREATMENT SITE

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:30am

Section 1: Property Information

Property Owner: City of Mill City

Linn Co. Taxlot PIN: 09S03E29CD 00800

Address: No Situs address

Taxlot: 800

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | (*Mill City Municipal Water*) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

(*Irrigation*) | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

_____

_____

_____

_____

_____

_____

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:30am

Section 1: Property Information

Property Owner: City of Mill City

Linn Co. Taxlot PIN: ~~09S03E29~~ 3ØZ

Address: No Situs Address

Taxlot: 3ØZ

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well — NONE

Private Spring

Mill City Municipal Water

Other (if "other" add comments in the "Additional Comments" Section)

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

KIMMEL PARK –

_____

_____

_____

_____

_____

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: _____

Time of Conversation: _____

Section 1: Property Information

Property Owner: City of Mill City

Linn Co. Taxlot PIN: 09S03E29DD 00300

Address: No Situs Address

Taxlot: 300

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well — NONE

Private Spring

Mill City Municipal Water

Other (if "other" add comments in the "Additional Comments" Section)

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

KIMMEL PARK –

_____

_____

_____

_____

_____

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:30am

Section 1: Property Information

Property Owner: City of Mill City

Linn Co. Taxlot PIN: 09S03E29CD 00151

Address: No Situs Address

Taxlot: 151

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

KIMMEL PARK –

_____

_____

_____

_____

_____

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:30

Section 1: Property Information

Property Owner: City of Mill City

Linn Co. Taxlot PIN: 09S03E29CD 00200

Address: 471 SE Fairview St
Mill City, OR 97360

Taxlot: 200

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* (circled) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

KIMMEL PARK - PARK HOST RV SITE & PUBLIC RESTROOM

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/21

Time of Conversation: 10:40am

Section 1: Property Information

Property Owner: Dean Mills

Linn Co. Taxlot PIN: 09S03E29CD 01700

Address: 717 SE Fairview St
Mill City, OR 97360

Taxlot: 1700

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* (circled) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

Info provided by City of Mill City unable to contact landowner directly.

_____

_____

_____

_____

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 01/29/24

Time of Conversation: 10:40a

Section 1: Property Information

Property Owner: Donald R. Huckeby

Linn Co. Taxlot PIN: 09S03E29CD01200

Address: 441 SE 7th Ave. Mill City, OR 97360

Taxlot: 1200

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* (circled) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

Info provided by City of Mill City. Unable to contact landowner directly.

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: _____

Time of Conversation: _____

Section 1: Property Information

Property Owner: Donald Reopelle

Linn Co. Taxlot PIN: 09S03E32BA 00100

Address: 710 SE Fairview St.
Mill City, OR 97360

Taxlot: 100

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

Info from City of Mill City. Unable to contact landowner directly.

Project No. 464.020.002.002

16

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/24/24

Time of Conversation: 11:50 AM

Section 1: Property Information

Property Owner: Erica & Dominik Naczynski

Linn Co. Taxlot PIN: 09S03E29CD 00801

Address: 416 SE 7th Ave
Mill City, OR 97360

Taxlot: 801

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | (*Mill City Municipal Water*) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)* | (N/A)

3) Location of Well or Spring on Property (describe): N/A

Additional Comments (optional):

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:40am

Section 1: Property Information

Property Owner: James Wright

Linn Co. Taxlot PIN: 09S03E29CD 00900

Address: 611 SE Fairview St
Mill City, OR
97360

Taxlot: 900

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* (circled) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

Info from city of Mill City. Unable to contact landowner directly

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/27/24

Time of Conversation: 2:30pm

Section 1: Property Information

Property Owner: Jedediah & Emily Hennessy

Linn Co. Taxlot PIN: 09S03E32AC00800

Address: 48989 Kingwood Ave Mill City, OR 97360

Taxlot: 800

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one) NA

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

NA

Additional Comments (optional):

NA

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/24/24

Time of Conversation: 12:15pm

Section 1: Property Information

Property Owner: John & Barb Adams

Linn Co. Taxlot PIN: 09S03E29CD 01300

Address: 763 SE Fairview St. Mill City, OR 97360

Taxlot: 1300

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* (circled) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one) N/A

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe): N/A

Additional Comments (optional):

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/27/24

Time of Conversation: 12:35pm

Section 1: Property Information

Property Owner: John & Judith Heitzman

Linn Co. Taxlot PIN: 09S03E2000 00401

Address: 49048 SE Fairview St. Mill City, OR 97360

Taxlot: 401

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)* NA

3) Location of Well or Spring on Property (describe):

NA

Additional Comments (optional):

NONE

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/21

Time of Conversation: 10:45am

Section 1: Property Information

Property Owner: Kim Walker, Brenda Walker

Linn Co. Taxlot PIN: 09S03E32DD 00423

Address: No Situs Address

Taxlot: 423

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well	*Private Spring*	*Mill City Municipal Water*	*Other (if "other" add comments in the "Additional Comments" Section)*
NO CITY WATER	UNK ON WELL		

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional): Unable to reach property owner

_____

_____

_____

_____

_____

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/27/21

Time of Conversation: 1pm

Section 1: Property Information

Property Owner: Lisa Bennet

Linn Co. Taxlot PIN: 09S03E32DB 00300

Address: 48944 SE Fairview St Mill City, OR 97360

Taxlot: 300

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

NA

3) Location of Well or Spring on Property (describe):

NA

Additional Comments (optional):

Richard Long, resident of address, supplied answers.

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/27/24

Time of Conversation: 1:10PM

Section 1: Property Information

Property Owner: Madeline Wilson

Linn Co. Taxlot PIN: 09S03E32BA 00300

Address: 610 SE 6th Ave
Mill City, OR 97360

Taxlot: 300

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

(Private Well) — Private Spring — (Mill City Municipal Water) — Other (if "other" add comments in the "Additional Comments" Section)

For Wells Only:

Total Depth: ~~No idea~~

GW Log ID (e.g., LINN 475): ~~No idea~~

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation — Household (drinking, washing, etc.)

~~well only for laundry~~

3) Location of Well or Spring on Property (describe):

Additional Comments (optional):

24

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: _____

Time of Conversation: _____

Section 1: Property Information

Property Owner: Michael & Cathy Erdman

Linn Co. Taxlot PIN: 09S03E2900 00301

Address: 48999 SE Fairview St Mill City, OR 97360

Taxlot: 301

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

Info provided by City of Mill City
Unable to reach property owners

_____

_____

_____

_____

_____

Project No. 464.020.002.002

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:45am

Section 1: Property Information

Property Owner: Michelle Schoning

Linn Co. Taxlot PIN: 09S03E32BA 00201

Address: 640 SE Fairview St Mill City, OR 97360

Taxlot: 201

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional): Info from City of Mill City. Unable to contact owner directly.

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:45am

Section 1: Property Information

Property Owner: Nicole Pyshny

Linn Co. Taxlot PIN: 09S03E32BA 00700

Address: 620 SE Fairview St Mill City, OR 97360

Taxlot: 700

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* (circled) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional): Info from City of Mill city. Unable to reach landowner directly.

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:45am

Section 1: Property Information

Property Owner: Opal F. Walker Trust Linn Co. Taxlot PIN: 09S03E32DD 00301

Address: 46974 SE Fairview St Mill City, OR 97360

Taxlot: 301

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | (*Mill City Municipal Water*) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional): Info from city of Mill City. Unable to reach property owner directly.

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04-27-24

Time of Conversation: 2pm

Section 1: Property Information

Property Owner: Peter Kailing, Joyce Jerger

Linn Co. Taxlot PIN: 09S03E32 ~~DD 00427~~

Address: 49046 SE Fairview St. Mill City, OR 97360

Taxlot: 427

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | (*Mill City Municipal Water*) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)* NA

3) Location of Well or Spring on Property (describe):

NA

Additional Comments (optional):

NA

Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/27/24

Time of Conversation: 2:02pm

Section 1: Property Information

Property Owner: Randy & April Johnson

Linn Co. Taxlot PIN: 09S03E32BA 00500

Address: 554 SE 6th Ave. Mill City, OR 97360

Taxlot: 500

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | (*Mill City Municipal Water*) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)* | N/A

3) Location of Well or Spring on Property (describe):

N/A

Additional Comments (optional):

N/A

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/27/24

Time of Conversation: 2:20pm

Section 1: Property Information

Property Owner: Rex Lucas

Linn Co. Taxlot PIN: 09S03E32 00100

Address: No situs address

Taxlot: 100

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well	*Private Spring*	*Mill City Municipal Water*	*Other (if "other" add comments in the "Additional Comments" Section)*
~~NONE~~			NO WATER SOURCE

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

/

Additional Comments (optional):

Scott Baughman supplied answer.

/

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 01/27/24

Time of Conversation: 2:20pm

Section 1: Property Information

Property Owner: Rex Lucas

Linn Co. Taxlot PIN: ϕ95ϕ3E29ϕϕ2ϕϕ

Address: No Situs Address

Taxlot: 200

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* NOTHING | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)* NO WATER SOURCE

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

Additional Comments (optional): Scott Baughman Supplied Answer

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/27/24

Time of Conversation: 2:09pm

Section 1: Property Information

Property Owner: Richard & Kathleen Heurberger

Linn Co. Taxlot PIN: 09S03E32 00200

Address: 48988 SE Fairview St Mill City, OR 97360

Taxlot: 200

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* (circled) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one) N/A

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

N/A

Additional Comments (optional):

Not the current owner - sold several years ago. Assessors website incorrect per Kathleen Heurberger.

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/27/21

Time of Conversation: 2:20pm

Section 1: Property Information

Property Owner: Scott & Shelly Baughman

Linn Co. Taxlot PIN: 09S03E32DD 00202

Address: 49044 SE Fairview St Mill City, OR 97360

Taxlot: 202

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): NA

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe): NA

Additional Comments (optional): N/A

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 01/27/24

Time of Conversation: 2:20pm

Section 1: Property Information

Property Owner: Scott & Shelly Baughman

Linn Co. Taxlot PIN: 09S03E32DD 204

Address: No Situs Address

Taxlot: 204

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well	*Private Spring*	*Mill City Municipal Water*	*Other (if "other" add comments in the "Additional Comments" Section)*
			NONE

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

NO WATER

Additional Comments (optional):

GSI Water Solutions, Inc.

GM1 Mill City Infiltration Basin Project

Name of Person Filling out Form: D. Hansen

Date of Conversation: 04/29/24

Time of Conversation: 10:50am

Section 1: Property Information

Property Owner: Toni & Ngomi Trout

Linn Co. Taxlot PIN: 09S03E32BA 00202

Address: 660 Fairview St. Mill City, OR 97360

Taxlot: 202

Section 2: Water Source Information

1) What is the water supply source at your property? (circle all that apply)

Private Well | *Private Spring* | *Mill City Municipal Water* (circled) | *Other (if "other" add comments in the "Additional Comments" Section)*

For Wells Only: Total Depth: _____ GW Log ID (e.g., LINN 475): _____

2) If the water source is a well or spring, what is the main use for that water? (circle one)

Irrigation | *Household (drinking, washing, etc.)*

3) Location of Well or Spring on Property (describe):

_____

_____

_____

_____

Additional Comments (optional):

Info from city of Mill City: Unable to reach property owner directly.

ATTACHMENT C

Water-Rights Documentation

Water-Rights Map

FIGURE C-1

Water Rights

Beneficial Water Use Determination
for Proposed Advance (Class A)
Treated Wastewater Infiltration System
- Mill City, OR

PERMIT S-28570
PERMIT S-23071
PERMIT S-47258
PERMIT G-15608
PERMIT G-15608
PERMIT G-12557
PERMIT G-6332
PERMIT S-8858
SITE GM1
CENTRAL ST
KINGWOOD ST
KINGWOOD AVE
FAIRVIEW ST
4TH AVE
North Santiam River
Rock Creek
29
28
22
32
33

LEGEND

- 0.5 Mile Radius

Point of Diversion (POD)

- Surface Water
- Groundwater

Place of Use (POU)

- Surface Water
- Groundwater

All Other Features

- Site GM1
- Wastewater Treatment Plant (WWTP) Drainfield Boundary
- County Boundary
- City Boundary
- Major Road
- Watercourse
- Mapped Wetland (USFWS) (Former Log Pond)

N

0 325 650 975
FEET

Date: October 9, 2024
Data Sources: BLM, ESRI, ODOT, USGS, Imagery (2022)

GSI Water Solutions, Inc.

Document Path: Y:\0464_Keller_Assoc\Source_Figures\030_MillCity_DEQ_Comments\003_BWUD\FigureC-1_WR.aprx, FigureC-1_WR, bramos

Permit G-6332 (Certificate 87705)

"CERTIFICATE NO 56804"

RECEIVED

Permit No. G- G 6332

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, Donald C Walker (Name of applicant)

of P.O. Box 725 (Postoffice Address), county of Linn,

state of Oregon, *do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:*

If the applicant is a corporation, give date and place of incorporation

1. *Give name of nearest stream to which the well, tunnel or other source of water development is situated* North Santiam River (Name of stream) *tributary of*

2. *The amount of water which the applicant intends to apply to beneficial use is* ..... *cubic feet per second or* 300 *gallons per minute.*

3. *The use to which the water is to be applied is* irrigation and Supplemental irrigation

4. *The well or other source is located* 608.76 *ft.* N (N. or S.) *and* 1908.82 *ft.* E (E. or W.) *from the* west 1/4 *corner of* Section 32 (Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the SE 1/4 NW 1/4 *of Sec.* 32, *Twp.* 9 S, *R.* 3 E, *W. M., in the county of* Linn

5. *The* Part buried a part portable (Canal or pipe line) *to be* ..... *miles in length, terminating in the* ..... (Smallest legal subdivision) *of Sec.* ....., *Twp.* ....., *R.* ....., *W. M., the proposed location being shown throughout on the accompanying map.*

6. *The name of the well or other works is* Walker #2

DESCRIPTION OF WORKS

7. *If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.*

8. *The development will consist of* 1 - well (Give number of wells, tunnels, etc.) *having a diameter of* 10" *inches and an estimated depth of* 160' *feet. It is estimated that* ..... *feet of the well will require* 160 (Kind) *casing. Depth to water table is estimated* 50' (Feet)

well completed June 1973

G 6332

CANAL SYSTEM OR PIPE LINE—

9. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At ..... miles from headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(c) Length of pipe, ... ft.; size at intake ..... in.; in size at ..... ft. from intake ..... in.; size at place of use ..... in.; difference in elevation between intake and place of use, ... ft. Is grade uniform? ..... Estimated capacity, ... sec. ft.

10. If pumps are to be used, give size and type 25 H. P. Sub.

Give horsepower and type of motor or engine to be used 25 H. P. Electric

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

12. Location of area to be irrigated, or place of use .....

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated	
9 S	Range 3E	32	SW1/4 NE 1/4	supplemental 28.79	Primary
			SE1/4 NW1/4	18.71 supp.	
			NE1/4 SW 1/4	25.52 supp	14.15
			NW1/4 SE1/4	23.47	15.53
				9649	29 68
				12.6+17	

(If more space required, attach separate sheet)

Character of soil .....

Kind of crops raised Permanent Pasture + Hay

G 6332

MUNICIPAL SUPPLY—

13. To supply the city of .....

in ..... county, having a present population of .....

and an estimated population of ..... in 19.....

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

14. Estimated cost of proposed works, $ 5,000

15. Construction work will begin on or before June 1973

16. Construction work will be completed on or before June 1975

17. The water will be completely applied to the proposed use on or before Oct 1975

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant. G 4967 + 35810

Donald Walker
(Signature of applicant)

Remarks: .....

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for .....

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ....., 19.....

WITNESS my hand this ..... day of ....., 19.....

.....
STATE ENGINEER

By .....
ASSISTANT

G 6332

STATE OF OREGON, } ss.
County of Marion, }

PERMIT

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 0.67 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from Walker No. 2

The use to which this water is to be applied is irrigation and supplemental irrigation

If for irrigation, this appropriation shall be limited to 1/80th of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 2½ acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein.

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter, or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is March 11, 1975

Actual construction work shall begin on or before January 12, 1977 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1978

Complete application of the water to the proposed use shall be made on or before October 1, 1979.

WITNESS my hand this 12th day of January, 1976.

WATER RESOURCES DIRECTOR

FH
B

Application No. G-6843
Permit No. G- G 6332

PERMIT

TO APPROPRIATE THE GROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 11th day of March, 1975, at 11:28 o'clock A M.

Returned to applicant:

Approved:

Recorded in book No. ..... of Ground Water Permits on page G 6332

STATE ENGINEER

Drainage Basin No. 2 page 14

STATE OF OREGON

COUNTY OF LINN

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

PIONEER TRUST BANK, N. A.
TRUSTEE FOR DONALD C WALKER TRUST
PO BOX 2305
SALEM OR 97308

confirms the right to use the waters of WELL 2 AND WELL 3, within the DEFORD CREEK BASIN for IRRIGATION OF 21.0 ACRES AND SUPPLEMENTAL IRRIGATION OF 96.49 ACRES.

This right was perfected under Permit G-6332. The date of priority is MARCH 11, 1975. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.67 CUBIC FOOT PER SECOND, or its equivalent in case of rotation, measured at the wells.

The wells are located as follows

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
9 S	3 E	WM	32	SE NW	WELL 2 - 710 FEET SOUTH & 720 FEET WEST FROM N-C 1/16 CORNER, SECTION 32
9 S	3 E	WM	32	SE NW	WELL 3 - 710 FEET SOUTH & 547 FEET WEST FROM N-C 1/16 CORNER, SECTION 32

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 2.5 acre-feet per acre for each acre irrigated during the irrigation season of each year. The right shall be limited to any deficiency in the available supply of any prior right for the same land and shall not exceed the limitation allowed herein.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer

A description of the place of use is as follows:

IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
9 S	3 E	WM	32	NE SW	11.8
9 S	3 E	WM	32	NW SE	9.2

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
9 S	3 E	WM	32	SW NE	28.00

NOTICE OF RIGHT TO RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

SUPPLEMENTAL IRRIGATION					
Twp	Rng	Mer	Sec	Q-Q	Acres
9 S	3 E	WM	32	SE NW	18.00
9 S	3 E	WM	32	NE SW	25.50
9 S	3 E	WM	32	NW SE	24.99

Water shall be acquired from the same aquifer (water source) as the original points of appropriation

The quantity of water diverted at the additional point of appropriation, together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation.

When required by the Department, the water user shall install and maintain an in-line flow meter or other suitable device for measuring and recording the quantity of water appropriated. The type and plans of the measuring device must be approved by the Department prior to beginning construction and shall be installed under the general supervision of the Department.

This certificate is issued to confirm an additional point of appropriation approved by an order of the Water Resources Director entered October 4, 2004, at Special Order Volume 61, Page 606, approving Transfer Application 7318, and supersedes Certificate 56804, State Record of Water Right Certificates.

The right to the use of the water for the above purpose is restricted to beneficial use on the lands or place of use described

Issued July 24 2012

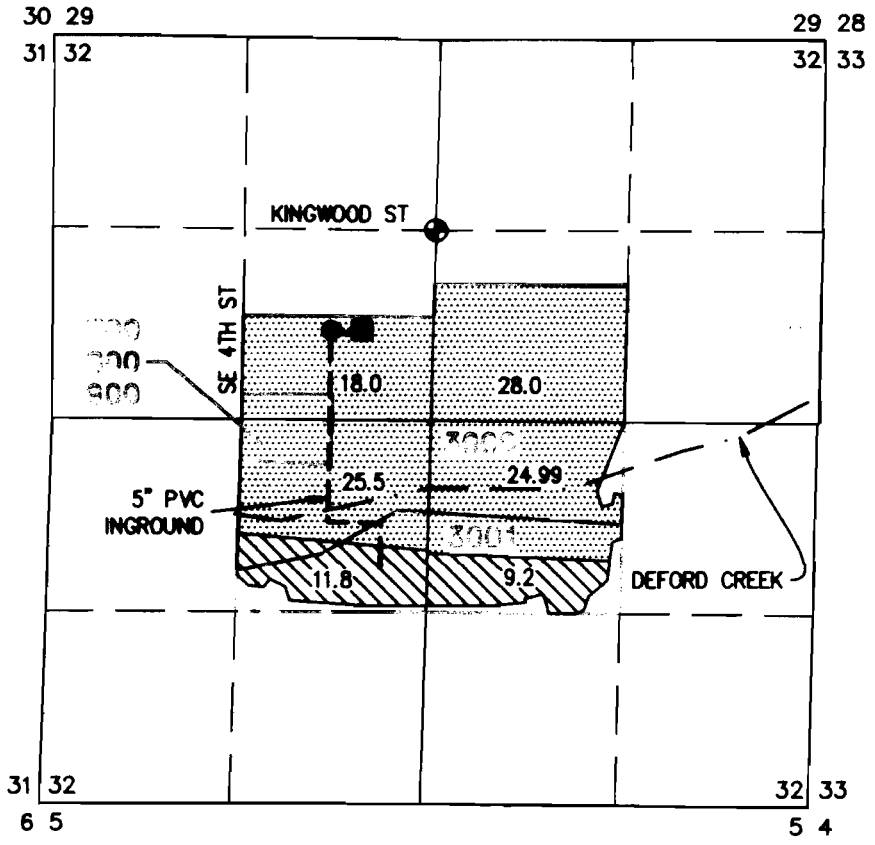
E. Timothy Wall for

Dwight W. French
Water Right Services Administrator, for
Phillip C. Ward, Director

FINAL PROOF MAP

TO ADD A POINT OF APPROPRIATION
PER ORDER T-7318
FOR PIONEER TRUST BANK

TOWNSHIP 9 SOUTH, RANGE 3 EAST, SECTION 32, W.M. TAX LOTS: 700, 800, 900, 3000 AND 3001
ALL IN LINN COUNTY, OREGON



SCALE: 4 INCHES = 1 MILE

RECEIVED
JAN 05 2001
WATER RESOURCES DEPT
SALEM, OREGON

"THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER RIGHT ONLY AND HAS NO INTENT TO PROVIDE LEGAL DIMENSIONS OR THE LOCATION OF PROPERTY LINES"

Certified Water Right Examiner
#51324 WRE
Scott D. Montgomery
May 21, 2001
STATE OF OREGON

RENEWAL DATE: 12/31/2012

⊕ NORTH-CENTER SIXTEENTH CORNER SECTION 32, T9S R3E, W.M.

● EXISTING WELLS
WELLS LOCATED IN THE SE 1/4 NW 1/4 SECTION 32
WELL 1 (G-4967) IS 710 SOUTH AND 740 FEET WEST FROM THE N-C 1/16 CORNER OF SECTION 32
WELL 2 (G-6332) IS 710 SOUTH AND 720 WEST FROM THE N-C 1/16 CORNER OF SECTION 32

■ ADDITIONAL WELL
WELL 3 LOCATED IN THE SE 1/4 NW 1/4 SECTION 32 AND LOCATED 710 SOUTH AND 547 FEET WEST FROM THE N-C 1/16 CORNER OF SECTION 32

96.49 SUPPLEMENTAL ACRES FROM G-4967 (45176) AND G-6332 (56804) REMAIN, AS SHOWN.

21.0 PRIMARY ACRES FROM G-6332 (56804) REMAIN, AS SHOWN.

PRIMARY IRRIGATION FOR G-4967 (45176) AND G-6332 (56804) IS FROM 78.49 ACRES OF S-35810 (45180) AND 18.0 ACRES OF S-29151 (33948).

PREPARED FOR:

PIONEER TRUST BANK
P.O. BOX 2305
SALEM, OR 97308

PREPARED BY:

ALL POINTS ENGINEERING AND SURVEYING, INC.
P.O. BOX 767 (CRR) TERREBONNE, OR 97760
(541) 548-5833 www.APEandS.com

Permit G-12557 (Certificate 89682)

STATE OF OREGON

COUNTY OF LINN

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

WALKER RANCH-DON WALKER & AL & GLENA WARD
PO BOX 725 (503)897-2527
MILL CITY, OREGON 97360

THE SPECIFIC LIMITS FOR THE USE ARE LISTED BELOW ALONG WITH CONDITIONS OF USE.

APPLICATION FILE NUMBER: G-14008

SOURCE OF WATER: A WELL IN NORTH SANTIAM RIVER BASIN WITHIN THE WILLAMETTE BASIN

PURPOSE OR USE: IRRIGATION OF 10.0 ACRES

MAXIMUM RATE: 0.13 CUBIC FOOT PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MARCH 17, 1995

POINT OF DIVERSION LOCATION: SE¼ NW¼, SECTION 32, T9S, R3E, W.M.; 453 FEET SOUTH & 856 FEET WEST FROM NE CORNER, SE¼ NW¼, SECTION 32

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

SW¼ NW¼ 4.0 ACRES
SE¼ NW¼ 6.0 ACRES
SECTION 32
TOWNSHIP 9 SOUTH, RANGE 3 EAST, W.M.

Measurement, recording and reporting conditions:

A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.

B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place
Initial and Annual Measurements
The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun
Seven Consecutive Annual Measurements
Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin within one year from permit issuance and shall be completed on or before October 1, 1998. Complete application of the water to the use shall be made on or before October 1, 1999.

Issued June 25, 1996

Martha O. Pagel, Director
Water Resources Department

STATE OF OREGON

COUNTY OF LINN

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

AL WARD
GLENNA WARD
PO BOX 725
MILL CITY OR 97360

confirms the right to use the waters of A WELL in the North Santiam River Basin, within the Willamette Basin for IRRIGATION of 6.89 ACRES.

This right was perfected under Permit G-12557. The date of priority is MARCH 17, 1995. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.086 CUBIC FOOT PER SECOND, measured at the well.

Period of use is March 1 through October 31.

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
9 S	3 E	WM	32	SE NW	420 FEET SOUTH & 816 FEET WEST FROM NE CORNER, SE 1/4 NW 1/4, SECTION 32

The amount of water used for irrigation, under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

A description of the place of use to which this right is appurtenant is as follows:

Twp	Rng	Mer	Sec	Q-Q	Acres
9 S	3 E	WM	32	SW NW	2.11
9 S	3 E	WM	32	SE NW	4.78

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

Measurement, recording and reporting conditions:

A. The water user shall maintain the meter or measuring device in good working order.

B. The water user shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

C. The Director may require the water user to keep and maintain a record of the amount (volume) of water used and may require the water user to report water use on a periodic schedule as established by the Director. In addition, the Director may require the water user to report general water use information, the periods of water use and the place and nature of use of water under the right. The Director may provide an opportunity for the water user to submit alternative reporting procedures for review and approval.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this right, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interference.

Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements. The static water levels shall be measured in the month of March. The additional measurements may be required in a different month other than March. Reports shall be submitted to the Department within 30 days of measurement. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

(A) An average water level decline of three or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The reference levels against which any future measurements will be compared is 50.04 feet below land surface.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this right. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

The well shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge to determine the water level elevation in the well at all times.

The Director may require water level or pump test results every ten years.

Failure to comply with any of the provisions of this right may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the right.

This right is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

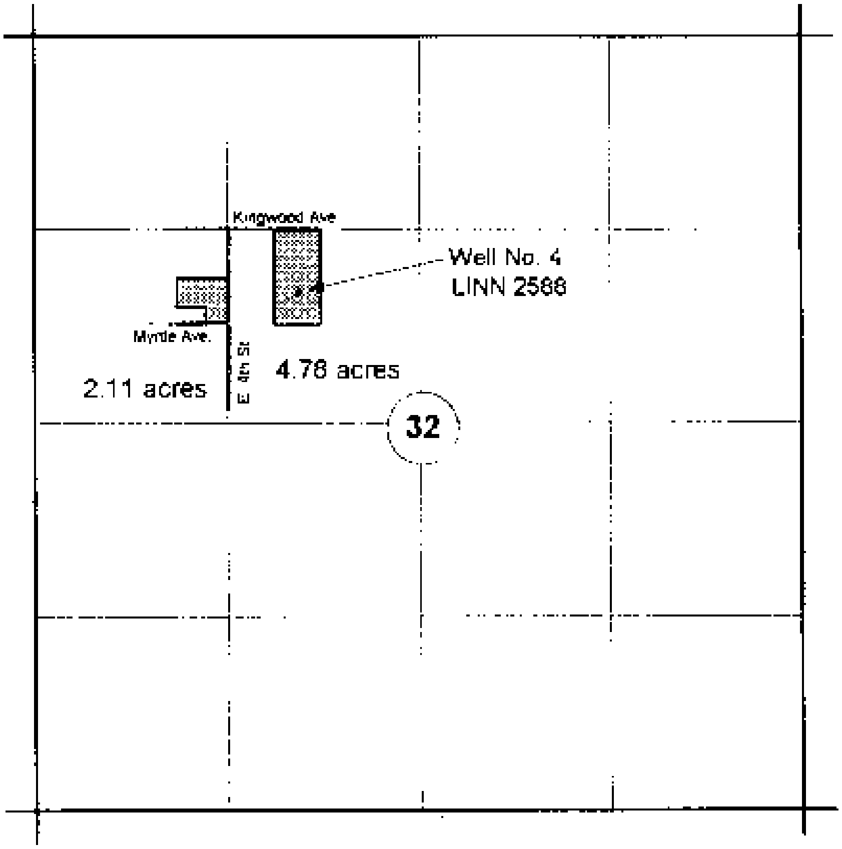
The use of water shall be limited when it interferes with any prior surface or ground water rights.

Issued JAN 30 2015

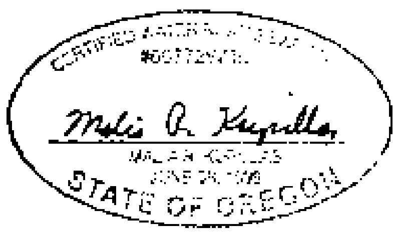
Dwight French
Administrator, Water Right Services, for
Thomas M. Byler, Director
Oregon Water Resources Department

 Recorded in State Record of Water Right Certificates numbered 89682.

T.9S., R.3E., W.M.



Well No. 4 is located 420 feet south and 816 feet west from NE corner SE1/4 NW1/4 Section 32.



EXPIRATION DATE: 12/31/00

Area to be irrigated

Scale: 1" = 1,320'

0 1,320
Feet

This map was prepared for the purpose of identifying the location of a water right only and is not intended to provide legal dimensions or location of property ownership lines.

Pacific Hydro-Geology Inc.

Claim of Beneficial Use

Walker Ranch - Donald Walker
Al & Glena Ward
T.9 S. R.3E. Sec. 32

Application # G14008 Permit # G12557

Permit G-15608 (Certificate 90837)

STATE OF OREGON

COUNTY OF LINN

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

CITY OF MILL CITY
PO BOX 256
MILL CITY, OR 97360

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-16101

SOURCE OF WATER: KINGWOOD WELL 1 AND KINGWOOD WELL 2 IN NORTH SANTIAM RIVER BASIN

PURPOSE OR USE: MUNICIPAL USE

MAXIMUM RATE: 1.78 CUBIC FEET PER SECOND

PERIOD OF USE: YEAR ROUND

DATE OF PRIORITY: SEPTEMBER 30, 2003

WELL LOCATIONS:

KINGWOOD WELL 1: NE ¼ NW ¼, SECTION 32, T9S, R3E, W.M.; 1240 FEET SOUTH & 1580 FEET EAST FROM NW CORNER, SECTION 32

KINGWOOD WELL 2: NE ¼ NW ¼, SECTION 32, T9S, R3E, W.M.; 1200 FEET SOUTH & 1920 FEET EAST FROM NW CORNER, SECTION 32

THE PLACE OF USE IS LOCATED AS FOLLOWS:

WITHIN THE SERVICE BOUNDARY AREA OF THE CITY OF MILL CITY

Measurement, recording and reporting conditions:

A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

The water user shall develop a plan to monitor and report the impact of water use under this permit on water levels within the aquifer that provides water to the permitted wells. The plan shall be submitted to the Department within one year of the date the permit is issued and shall be subject to the approval of the Department. At a minimum, the plan shall include a program to periodically measure static water levels within the permitted wells or an adequate substitute such as water levels in nearby wells. The plan shall also stipulate a reference water level against which any water-level declines will be compared. If a well listed on this permit (or replacement well) displays a total static water-level decline of 25 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the wells. Such action shall be taken until the water level recovers to above the 25-foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit.

Limited Water Level Decline/Interference Condition

To monitor the effect of water use from the wells authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of **March**. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place
Initial and Annual Measurements
The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun
Seven Consecutive Annual Measurements
Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. The first of these seven annual measurements will establish the reference level

against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the wells if annual water level measurements reveal any of the following events:

(A) An average water level decline of 3 or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

If the number, location, or construction of any well deviates from that proposed in the permit application or permit conditions, the conclusions of the Proposed Final Order and Final Order under which this permit was granted may be revised, conditions may be appropriately revised, or this permit may not be valid.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Complete application of the water to the use shall be made on or before October 1, 2008. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued April 30, 2004

Paul R. Cleary, Director
Water Resources Department

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

STATE OF OREGON

COUNTY OF LINN

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CITY OF MILL CITY
PO BOX 256
MILL CITY OR 97360

confirms the right to use the waters of KINGWOOD WELL 1 AND KINGWOOD WELL 2 IN NORTH SANTIAM RIVER BASIN for MUNICIPAL USE.

This right was perfected under Permit G-15608. The date of priority is SEPTEMBER 30, 2003. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 1.78 CUBIC FEET PER SECOND (CFS), BEING 1.00 CFS FROM KINGWOOD WELL 1 AND 0.90 CFS FROM KINGWOOD WELL 2 IN ANY COMBINATION.

The period of use is year round.

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
9 S	3 E	WM	32	NE NW	KINGWOOD WELL 1 – 1240 FEET SOUTH AND 1580 FEET EAST FROM NW CORNER, SECTION 32
9 S	3 E	WM	32	NE NW	KINGWOOD WELL 2 – 1200 FEET SOUTH AND 1920 FEET EAST FROM NW CORNER, SECTION 32

The place of use is located WITHIN THE SERVICE BOUNDARY AREA OF THE CITY OF MILL CITY.

Measurement, recording and reporting conditions:

A. The water user shall maintain a meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the water user to report general water use information, including the place and nature of use of water under the right.

B. The water user shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

The water user shall monitor and report the impact of water use under this right on water levels within the aquifer that provides water to the authorized wells in accordance to the plan approved by the Department on March 23, 2006. If a well listed on this right (or replacement well) displays a total static water level decline of 25 or more feet over any period of years, as compared to the reference level, then the water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the wells. Such action shall be taken until the water level recovers to above the 25 foot decline level or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this right.

Limited Water Level Decline/Interference Condition

To monitor the effect of water use from the wells authorized under this right, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of **March**. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Seven Consecutive Annual Measurements
Following the first year of water use, the user shall submit seven consecutive annual reports of static water level measurements. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

(A) Identify each well with its associated measurement; and
(B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
(C) Specify the method used to obtain each well measurement; and
(D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the wells if annual water level measurements reveal any of the following events:

(A) An average water level decline of 3 or more feet per year for five consecutive years; or
(B) A water level decline of 15 or more feet in fewer than five consecutive years; or
(C) A water level decline of 25 or more feet; or
(D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The reference water level against which any water level declines will be compared is 36.4 feet below ground surface for Kingwood Well 2.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the water user's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this right. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this certificate, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

The wells shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The Director may require water level or pump test results every ten years.

Failure to comply with any of the provisions of this right may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the right.

The right to the use of the water for the above purpose is restricted to beneficial use without waste on the lands or place of use described. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

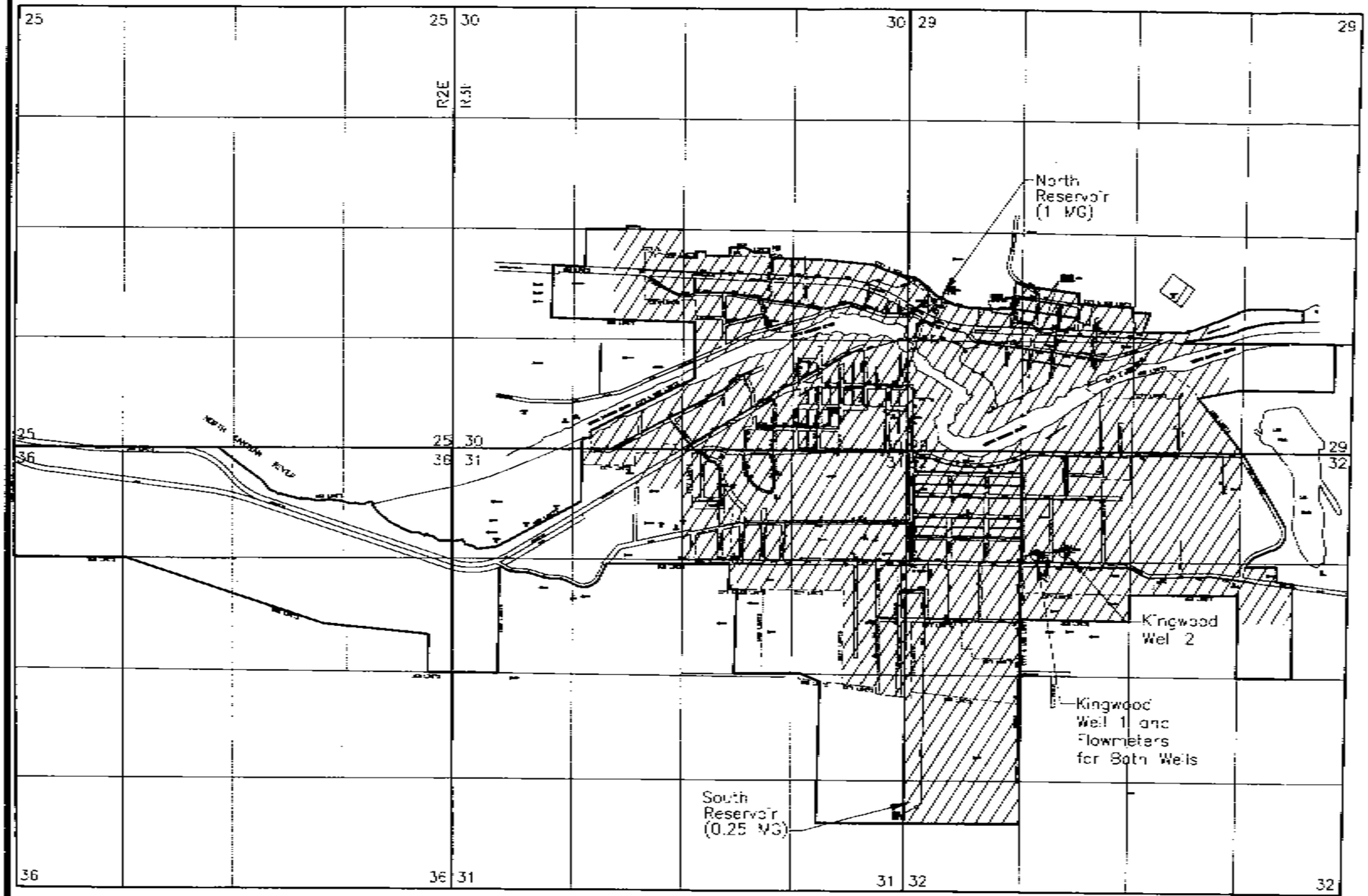
By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

Issued OCT 23 2015.

Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

TOWNSHIP 9 SOUTH, RANGE 2 EAST SECTION 25 & 36
TOWNSHIP 9 SOUTH, RANGE 3 EAST SECTIONS 29, 30, 31 & 32



RECEIVED
APR 1 1 2006
WATER RESOURCES DEPT
SALEM, OREGON

N

SCALE 1" = 1320'

THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP BOUNDARY LINES.

APPLICATION G-16101
PERMIT G-15608

EXPLANATION:

- POINT OF APPROPRIATION (WELL)
- PLACE OF USE
- SERVICE AREA BOUNDARY
- MAIN LINES

Certified Water Right Examiner
439 WRE
STEVEN R. BRUCE
JUNE 13, 1957
EXPIRES: 12/31/2007
STATE OF OREGON

Notes:

1. Kingwood Well 1 located 1,240 feet south and 1,580 feet east of NW corner of Section 32.
2. Kingwood Well 2 located 1,200 feet south and 1,920 feet east of NW corner of Section 32.
3. Survey completed on March 8, 2006.

COPY MAP #0199

GeoEngineers

CLAIM OF BENEFICIAL USE MAP
CITY OF MILL CITY, OREGON

FIGURE 1

Portland\P:\10\10079001\01\Cad\COBU.dwg SRB:MWJ 04/06/06

Permit S-8858 (Certificate 7943)

*Permit No. 8858 CERTIFICATE NO. 7943

APPLICATION FOR A PERMIT

To Appropriate the Public Waters of the State of Oregon

I, W. F. and Lucy Shepherd
(Name of applicant)

of Route 1, Lyons (Postoffice), *County of* Linn,

State of Oregon, *do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, subject to existing rights:*

If the applicant is a corporation, give date and place of incorporation .....

1. *The source of the proposed appropriation is* Unnamed Spring and Creek
(Name of stream)
, *tributary of* DeFord Creek (Santiam River)

2. *The amount of water which the applicant intends to apply to beneficial use is* 0.1 *cubic feet per second.*

3. *The use to which the water is to be applied is* Domestic and stock
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. *The point of diversion is located* Approx. 331 ft. west and 83 ft. North of the SE corner, NE¼SE¼, Section 32.
(Give distance and bearing to section corner)

being within the NE¼SE¼ *of Sec.* 32, *Tp.* 9 S, *R.* 3 E, *W. M., in the county of* Linn.
(Give smallest legal subdivision) (No. N. or S.) (No. E. or W.)

5. *The* Pipe Line *to be* approx. 1/2 *miles in length, terminating in the* SE¼NE¼ *of Sec.* 32, *Tp.* 9 S, *R.* 3 E, *W. M., the proposed location being shown throughout on the accompanying map.*
(Main ditch, canal or pipe line) (Smallest legal subdivision) (No. N. or S.) (No. E. or W.)

6. *The name of the ditch, canal or other works is* .....

DESCRIPTION OF WORKS

DIVERSION WORKS—

7. (a) *Height of dam* ..... *feet, length on top* ..... *feet, length at bottom* ..... *feet; material to be used and character of construction* .....
(Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) *Description of headgate* .....
(Timber, concrete, etc., number and size of openings)

* A different form of application is provided where storage works are contemplated. These forms can be secured without charge, together with instructions, by addressing the State Engineer, Salem, Oregon.

CANAL SYSTEM—

8. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At ..... miles from headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

3/4" pipe line, 2100 ft. long

FILL IN THE FOLLOWING INFORMATION WHERE THE WATER IS USED FOR IRRIGATION—

9. The land to be irrigated has a total area of ..... acres, located in each smallest legal subdivision, as follows: .....
(Give area of land in each smallest legal subdivision which you intend to irrigate)

(If more space required, attach separate sheet)

POWER, MINING, MANUFACTURING, OR TRANSPORTATION PURPOSES—

10. (a) Total amount of power to be developed ..... theoretical horsepower.

(b) Total fall to be utilized ..... feet.
(Head)

(c) The nature of the works by means of which the power is to be developed .....

(d) Such works to be located in ..... of Sec. .....,
(Legal subdivision)

Tp. ....., (No. N. or S.) *R. .....,* (No. E. or W.) *W. M.*

(e) Is water to be returned to any stream? .....
(Yes or No)

(f) If so, name stream and locate point of return .....

....., Sec. ....., *Tp. .....,* (No. N. or S.) *R. .....,* (No. E. or W.) *W. M.*

(g) The use to which power is to be applied is .....

(h) The nature of the mines to be served .....

MUNICIPAL SUPPLY—

11. To supply the city of .....

..... *County, having a present population of* .....
(Name of)

and an estimated population of ..... *in 192*.....

(Answer questions 12, 13, 14, and 15 in all cases)

12. Estimated cost of proposed works, $ 250.00

13. Construction work will begin on or before .....

14. Construction work will be completed on or before .....

15. The water will be completely applied to the proposed use on or before .....

Water completely applied

Duplicate maps of the proposed ditch or other works, prepared in accordance with the rules of the State Engineer, accompany this application.

Mrs. Louisa C. Shepherd
(Name of applicant)

Agent for W. F. and Lucy Shepherd

Signed in the presence of us as witnesses:

(1) Lewis A. Stanley (Name), Salem, Ore. (Address of witness)

(2) ..... (Name), ... (Address of witness)

Remarks: .....

STATE OF OREGON,
County of Marion, } *ss.*

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for correction or completion, as follows: .....

Completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before December 27th, *192* 8.

WITNESS my hand this 27th *day of* November, *192* 8.

Rhea Luper
HB STATE ENGINEER

8858(c)

2 - p. 59 B

Application No. 12458

Permit No. 8858

PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

Division No. ..... *District No.* .....

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 24th *day of* November, *192*8, *at* 10:30 *o'clock* A. *M.*

Returned to applicant for correction:

.....

Corrected application received:

.....

Approved:

February 1, 1929

Recorded in book No. 29 *of Permit on page* 8858.

RHEA LUPER

STATE ENGINEER

1 map ACFP $10.00

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: If for irrigation, this appropriation shall be limited to one-eightieth of one cubic foot per second, or its equivalent, for each acre irrigated, and shall be subject to such reasonable rotation system as may be ordered by the proper state officer .....

The right herein granted is limited to the appropriation of water from an Unnamed Spring and Creek for domestic and stock purposes.

The amount of water appropriated shall be limited to the amount which can be applied to beneficial use and not to exceed 0.05 cubic feet per second, or its equivalent in case of rotation. The priority date of this permit is November 24, 1928

Actual construction work shall begin on or before February 1, 1930 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1931

Complete application of the water to the proposed use shall be made on or before October 1, 1932

WITNESS my hand this 1st day of February, 1929.

RHEA LUPER

STATE ENGINEER.

Permits for power development are subject to the limitation of franchise as provided in section 5728, Oregon Laws, and the payment of annual fees as provided in section 5803, Oregon Laws.

Permit—C-5778—903—5-27

STATE OF OREGON

COUNTY OF LINN

CERTIFICATE OF WATER RIGHT

This is to Certify, *That* W. F. and Lucy Shepherd

of Lyons , *State of* Oregon , *has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of* Unnamed Spring and Creek

a tributary of DeFord Creek (Santiam River) *for the purpose of* Domestic and stock

under Permit No. 8658 *of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from* November 24, 1928;

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.05 cubic foot per second;

The point of diversion is located in the NE¼SW¼ *of Section* 32 , *Township* 9S , *Range* 3E , *W. M. The use hereunder for irrigation shall conform to such reasonable rotation system as may be ordered by the proper state officer.*

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-eightieth of one cubic foot per second per acre, or its equivalent in case of rotation.

A description of the lands irrigated under the right hereby confirmed, and to which such right is appurtenant (if for irrigation or any other purpose), is as follows: SE¼NE¼, Section 32, Township 9 South, Range 3 East of the Willamette Meridian in Linn County, Oregon.

The right to the use of the water for any purpose is restricted to the lands or place of use herein described.

After the expiration of fifty years from the date of this certificate or on the expiration of any federal power license issued in connection with this right, and after not less than two years notice in writing to the holder hereof, the State of Oregon, or any municipality thereof, shall have the right to take over the dams, plants and other structures and all appurtenances thereto which have been constructed for the purpose of devoting to beneficial use the water rights specified herein, upon condition that before taking possession the State or municipality shall pay not to exceed the fair value of the property so taken, plus such reasonable damages, if any, to valuable, serviceable and dependable property of the holder of this certificate, not taken over, as may be caused by the severance therefrom of the property taken in accordance with the provisions of section 6728, Oregon Laws.

WITNESS the signature of the State Engineer, affixed this 9th *day of* March , *19* 29

Rhea Luper

State Engineer.

Recorded in State Record of Water Right Certificates, Volume 8 , *page* 7943 .

Permit S-23071 (Certificate 23176)

23176

Permit No. 23071

*APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, Wills Bros. Shingle Co.
(Name of applicant)

of Mill City,
(Mailing address)

State of Oregon, do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation Oregon April 1954

1. The source of the proposed appropriation is North Santiam River and reservoir
(Name of stream)
, a tributary of Willamette River

2. The amount of water which the applicant intends to apply to beneficial use is 800 gallons per minute cubic feet per second.
(If water is to be used from more than one source, give quantity from each)

**3. The use to which the water is to be applied is log holding pond
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 820 ft. N (N. or S.) and 40 ft. West (E. or W.) from the South corner of Sec. 29 T. 9 S. R. 3 E. W. M.
(Section or subdivision)
(N. 2° 45' W. of ¼ corner common to Section 29 and 32 T. 9 S. R. 3 E. W. M. in Linn County, Oregon.

(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the SE¼ of SW¼ (Give smallest legal subdivision) of Sec. 29, T. 9 S. (N. or S.), R. 3 E. (E. or W.), W. M., in the county of Linn.

5. The pipe line (Main ditch, canal or pipe line) to be 208 lineal feet (Miles or feet) in length, terminating in the SE¼ SW¼ (Smallest legal subdivision) of Sec. 29, T. 9 S. (N. or S.), R. 3 E. (E. or W.), W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works--

(a) (a) Height of dam none feet, length on top feet, length at bottom feet, material to be used and character of construction (Loose rock, concrete, timber, etc., brush and brush, timber crib, etc., waterway over or around dam)

(b) Description of headgate none (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description centrifugal 5" intake and 6" discharge. (Size and type of pump) Electric Motor (Size and type of engine or motor to be used, total head water is to be lifted, etc.) Lift 30 feet

*A different form of application is provided where storage works are contemplated.

**Applications for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

(7-54)M

23071

Canal System or Pipe Line—

7. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At ..... miles from headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(c) Length of pipe, 208 *ft.; size at intake,* 5" *in.; size at* discharge *ft. from* pump *to* 6" *in.; size at place of use* 6" *in.; difference in elevation between intake and place of use,* 30 *ft. Is grade uniform?* lightly broken *Estimated capacity,* 800 gal per min *sec. ft.*

8. Location of area to be irrigated, or place of use place of use

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
9 S	3E	29	[illegible] of SW¼ and SW¼ of SE¼	
Lots 1, 2, 3, 16, 17, 18 and 19, Block 1 and Lots 1, 2, 3, 4, 17, 18, 19 and 20, Block 2, Jahnke Addition to Mill City, Linn County, Oregon, together with adjacent vacated streets within said addition.				

(If more space required, attach separate sheet)

(a) Character of soil .....

(b) Kind of crops raised .....

Power or Mining Purposes—

9. (a) Total amount of power to be developed ..... theoretical horsepower.

(b) Quantity of water to be used for power ..... sec. ft.

(c) Total fall to be utilized ..... (Head) feet.

(d) The nature of the works by means of which the power is to be developed .....

(e) Such works to be located in ..... (Legal subdivision) of Sec. ....., Tp. ..... (No. N. or S.), R. ..... (No. E. or W.), W. M.

(f) Is water to be returned to any stream? No *(Yes or No)*

(g) If so, name stream and locate point of return .....

....., Sec. ....., Tp. ..... (No. N. or S.), R. ..... (No. E. or W.), W. M.

(h) The use to which power is to be applied is .....

(i) The nature of the mines to be served .....

Municipal or Domestic Supply—

23071

10. (a) To supply the city of _____

_____ County, having a present population of _____

and an estimated population of _____ in 19____

(b) If for domestic use state number of families to be supplied _____

11. Estimated cost of proposed works, $ 2,500.00

12. Construction work will begin on or before already commenced

13. Construction work will be completed on or before July 15, 1954

14. The water will be completely applied to the proposed use on or before _____

_____

John P. Hills
(Signature of applicant)
Nat A. Wilcox

Remarks: _____

STATE OF OREGON }
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for _____

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before _____, 19____

WITNESS my hand this _____ day of _____, 19____

STATE ENGINEER

PERMIT

STATE OF OREGON, }
County of Marion, } *ss.*

This is to certify that I have examined the foregoing application and do hereby grant the same. SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 1.782 *cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from* North Santiam River and Wills Bros. Shingle Company Pond to be constructed under Application No. R-29214, Permit No. R-1649.

The use to which this water is to be applied is log pond

If for irrigation, this appropriation shall be limited to - - - *of one cubic foot per second or its equivalent for each acre irrigated*

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is June 2, 1954

Actual construction work shall begin on or before December 20, 1955 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1,* 1956.

Complete application of the water to the proposed use shall be made on or before October 1, 1957.

WITNESS my hand this 20th *day of* December, *19* 54.

Lewis A. Stanley
STATE ENGINEER

Application No. 29215
Permit No. 23071

PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 2nd day of June 1954, at 9:41 o'clock A. M.

Return to applicant:

Approved: December 20, 1954

Recorded in book No. 60 of Permits on page 23071

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 2

Fees paid $22.00

STATE OF OREGON

COUNTY OF LINN

CERTIFICATE OF WATER RIGHT

This Is to Certify, That WILLS BROTHERS SHINGLE CO.

By John P. Wills & Nat A. Wills
of Mill City, State of Oregon, has made proof to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of North Santiam River and Wills Bros. Shingle Company Pond constructed under Application No. R-29214, Permit No. R-1649
a tributary of Willamette River for the purpose of log pond
under Permit No. 23071 of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from June 2, 1954;

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed 0.3 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the SE¼SW¼, Section 29, Township 9 South, Range 3 East, W.M.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to - - - - - - - - of one cubic foot per second per acre,

and shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

SE¼SW¼
SW¼SE¼
Section 29
Township 9 South, Range 3 East, W.M.

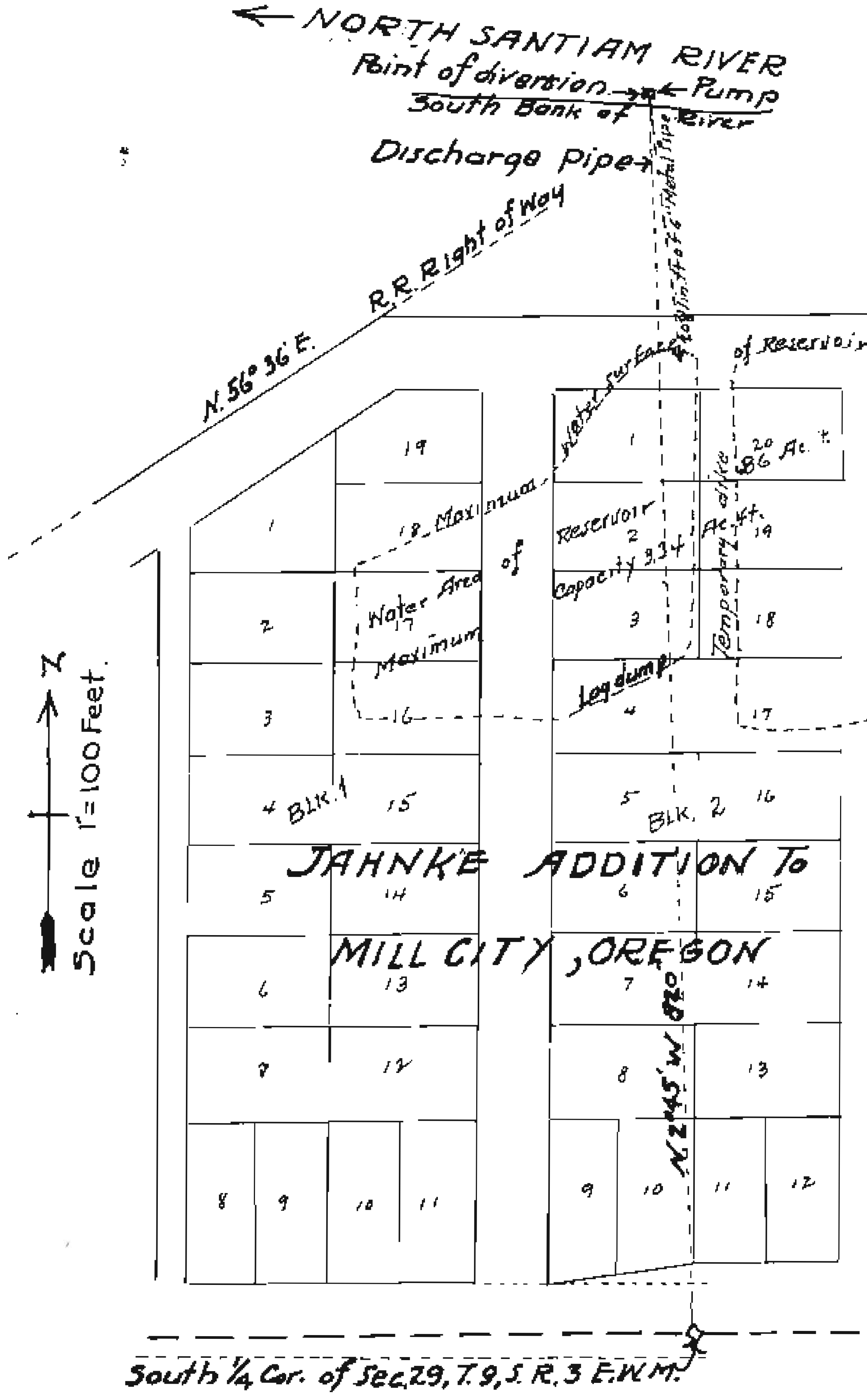
The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

WITNESS the signature of the State Engineer, affixed this 16th day of October, 19 57.

LEWIS A. STANLEY
State Engineer

Recorded in State Record of Water Right Certificates, Volume 16, page 23176.

Map accompanying application, by Wills Bros. Shingle Mill Co., Mill City, Oregon, for a permit to divert water from North Santiam River for log pondage purpose. The point of water diversion is located in the SE¼ of SW¼ of Sec. 29, T. 9 S. R. 3 E. W.M., Marion Co., Oregon.



I hereby certify, that I have made this map from notes of a field survey made by me and data taken from an authentic map of JAHNKE ADDITION TO MILL CITY, OREGON, and that it reasonably represents the location of and dimensions of the project features pertenant to the application for water diversion.

Signed [signature]

Application No. R-29214
Permit No. R-1649

Permit S-28570 (Certificate 95552)

Permit No. 24570

*APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, [illegible] (Name of applicant)

of [illegible] Mill City (Mailing address)

State of [illegible], do hereby make application for a permit to appropriate the following described public waters of the State of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

1. The source of the proposed appropriation is [illegible] (Name of stream), a tributary of [illegible]

2. The amount of water which the applicant intends to apply to beneficial use is [illegible] cubic feet per second. (If water is to be used from more than one source, give quantity from each)

**3. The use to which the water is to be applied is [illegible] (Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located ____ ft. ____ (N. or S.) and ____ ft. ____ (E. or W.) from the corner of ____ (Section or subdivision)

N 75° E, 2000 ft from W¼ Corner Section 28 WMD

(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the SE¼ NW¼ (Give smallest legal subdivision) of Sec. [illegible], Tp. [illegible] (N. or S.)

R. [illegible] (E. or W.), W. M., in the county of [illegible]

5. The ____ (Main ditch, canal or pipe line) to be ____ (Miles or feet) in length, terminating in the ____ (Smallest legal subdivision) of Sec. ____, Tp. ____ (N. or S.)

R. ____ (E. or W.), W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam ____ feet, length on top ____ feet, length at bottom ____ feet; material to be used and character of construction ____ (Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate [illegible] (Timber, concrete, etc., number and size of openings)

[illegible]

(c) If water is to be pumped give general description [illegible] (Size and type of pump)

(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

*A different form of application is provided where storage works are contemplated.

**Application for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

28570

Canal System or Pipe Line—

7. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) .... feet; width on bottom .... feet; depth of water .... feet; grade .... feet fall per one thousand feet.

(b) At .... miles from headgate: width on top (at water line) .... feet; width on bottom .... feet; depth of water .... feet; grade .... feet fall per one thousand feet.

(c) Length of pipe .... ft.; size at intake, ... in.; size at .... ft. from intake .... in.; size at place of use .... in.; difference in elevation between intake and place of use, ... ft. Is grade uniform? .... Estimated capacity, ... sec. ft.

8. Location of area to be irrigated, or place of use ....

Township North or South	Range E or W of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
9S	3E	21	NW¼ SW¼	[illegible]

([illegible])

(a) Character of soil ....

(b) Kind of crops raised ....

Power or Mining Purposes—

9. (a) Total amount of power to be developed .... theoretical horsepower.

(b) Quantity of water to be used for power .... sec. ft.

(c) Total fall to be utilized .... feet.
([illegible])

(d) The nature of the works by means of which the power is to be developed ....

(e) Such works to be located in .... (Legal subdivision) of Sec. ...., Tp. .... (No. N. or S.), R. .... (No. E. or W.), W. M.

(f) Is water to be returned to any stream? .... (Yes or No)

(g) If so, name stream and locate point of return ...., Sec. ...., Tp. .... (No. N. or S.), R. .... (No. E. or W.), W. M.

(h) The use to which power is to be applied is ....

(i) The nature of the mines to be served ....

Municipal or Domestic Supply— **28570**

10. *(a) To supply the city of* ....

.... *County, having a present population of* ....

and an estimated population of .... *in 19*........

(b) If for domestic use state number of families to be supplied [illegible]

(Answer questions 11, 12, 13, and 14 in all cases)

11. *Estimated cost of proposed works, $*..................

12. *Construction work will begin on or before* Completed

13. *Construction work will be completed on or before* Completed [illegible] 1963

14. *The water will be completely applied to the proposed use on or before* [illegible]

[illegible signature]
(Signature of applicant)

Remarks: The water used in this [illegible] general use [illegible] capacity [illegible]

[illegible] that would be irrigated [illegible]

STATE OF OREGON, } ss.
County of Marion, }

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for **completion**

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ~~February 21~~, 19 63
March 19, 1963

RECEIVED
FEB 19 1963
STATE ENGINEER
SALEM, OREGON

WITNESS my hand this ~~21st~~ 19th day of ~~December~~ February, 19 ~~62~~ 1963

CHRIS L. WHEELER
STATE ENGINEER

By [signature] **Lewis V. Carver, Jr.**

PERMIT

STATE OF OREGON, }
County of Marion, } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use and shall not exceed 0.02 cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from an unnamed spring

The use to which this water is to be applied is domestic and operation of a cafe; being 0.01 c.f.s. for domestic use of one family, including irrigation of not to exceed ½ acre lawn and garden and 0.01 c.f.s. for operation of a cafe.

If for irrigation, this appropriation shall be limited to ..... of one cubic foot per second or its equivalent for each acre irrigated

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is December 7, 1962

Actual construction work shall begin on or before April 30, 1964 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1965

Complete application of the water to the proposed use shall be made on or before October 1, 1966

WITNESS my hand this 30th day of April, 1963

STATE ENGINEER

Application No. 31271
Permit No. 28570

PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 7th day of December, 1962, at 11:25 o'clock A. M.

Returned to applicant:

Approved:
April 30, 1963

Recorded in book No. 19 of Permits on page 28570

Chas. L. Sheldon
State Engineer

Drainage Basin No. 2 page 50 K

Fee

STATE OF OREGON

COUNTY OF MARION

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

PATRICIA SAVAGE SAULS
TIMOTHY SAULS
PO BOX 996
MILL CITY OR 97360

confirms the right to the use of water perfected under the terms of Permit S-28570. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the point of diversion from the source. The specific limits and conditions of the use are listed below.

SOURCE OF WATER: AN UNNAMED SPRING, A TRIBUTARY OF NORTH SANTIAM RIVER

PURPOSE OR USE: DOMESTIC, INCLUDING IRRIGATION OF NOT EXCEED 1/2 ACRE LAWN AND GARDEN

MAXIMUM RATE: 0.01 CUBIC FOOT PER SECOND

DATE OF PRIORITY: DECEMBER 7, 1962

The point of diversion is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
9 S	3 E	WM	28	NW SW	1280 FEET SOUTH AND 800 FEET EAST FROM W 1/4 CORNER, SECTION 28

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	Tax Lots
9 S	3 E	WM	28	NW SW	900 & 1000

The quantity of water diverted at the new point of diversion shall not exceed the quantity of water lawfully available at the original point of diversion described as follows:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
9 S	3 E	WM	28	SE NW	3235 FEET NORTH AND 1975 FEET EAST FROM SW CORNER, SECTION 28

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

The Director may require the water user to install a totalizing flow meter or other suitable measuring devices at each point of diversion. If the Director notifies the water user to install totalizing flow meters or other measuring devices, the water user shall install such devices specified by the Director within the period allowed in the notice. Once installed, the water user shall maintain the meters or measuring devices in good working order and shall allow the Watermaster access to the meters or measuring devices.

NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482. Pursuant to ORS 183.482, ORS 536.075 and OAR 137-003-0675, you may petition for judicial review and petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

The water user shall maintain and operate the fish screen at the point of diversion consistent with Oregon Department of Fish and Wildlife's operational and maintenance standards.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described.

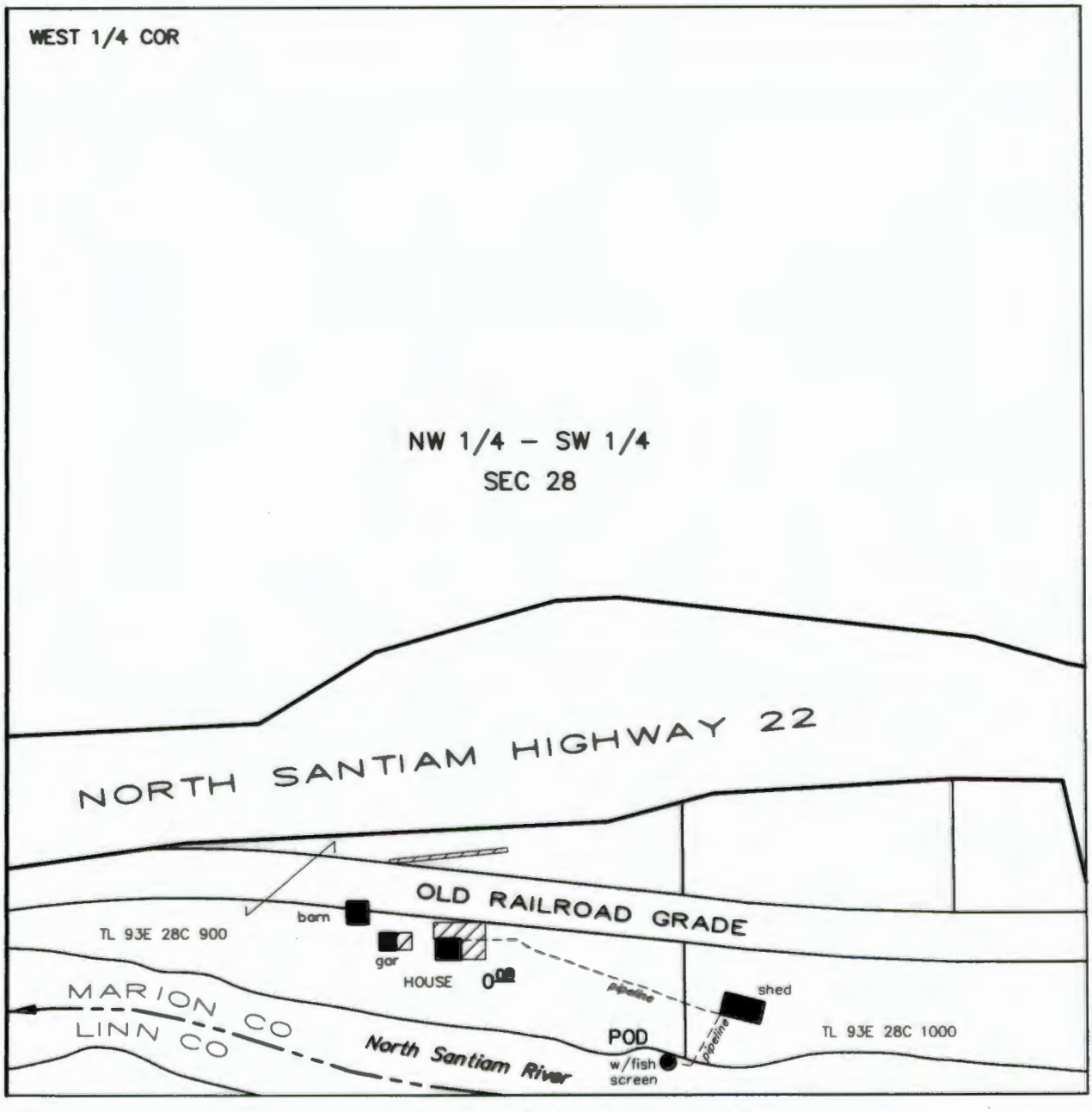
This certificate is issued to confirm a change in POINT OF DIVERSION AND PLACE OF USE approved by an order of the Water Resources Director entered AUGUST 29, 2011, at Special Order Volume 85, Page 293, approving Transfer Application T-10817, and supercedes Certificate 31508, State record of Water Right Certificates.

Issued JUL 3 0 2021.

Dwight French
Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

T9S R3E, WM

MARION COUNTY



POD: 1280' S & 800' E of W 1/4 Cor Sec 28
NO METER REQUIRED

CLAIM OF BENEFICIAL USE

Transfer No. T-10817

IN THE NAME OF

Patricia Savage Sauls
Timothy Sauls

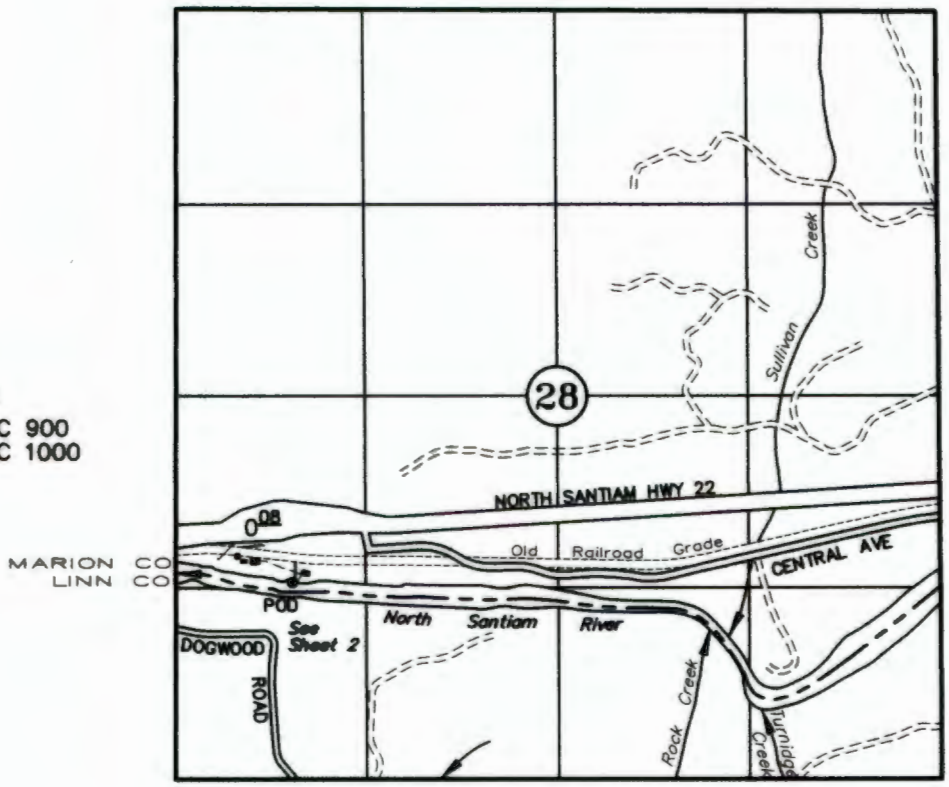
NOTE: This map is not intended to provide legal dimensions or locations of property ownership lines.

December 22, 2011
SCALE: 1" = 200'

T9S R3E, WM

MARION COUNTY

TAX LOTS:
9S 3E 28C 900
9S 3E 28C 1000



POD: 1280' S & 800' E of West 1/4 Cor Sec 28
FISH SCREEN: On intake foot valve.
METER: Not Required

CLAIM OF BENEFICIAL USE

Transfer No. ~~31508~~ T-10817

IN THE NAME OF

Patricia Savage Sauls
Timothy Sauls

December 22, 2011
SCALE: 1" = 1320'

Certified Water Right Examiner
#208 WRE
Corbey Boatwright
May 30, 1989
STATE OF OREGON

EXPIRES 12-31-13

NOTE: This map is not intended to provide legal dimensions or locations of property ownership lines.

Permit S-47258 (Certificate 55815)

690-10-P51-v

STATE OF OREGON

County of LINN

"CERTIFICATE NO. 55815

PERMIT TO APPROPRIATE THE PUBLIC WATERS

This is to certify that I have examined APPLICATION 63751 and do hereby grant the same SUBJECT TO EXISTING RIGHTS INCLUDING THE APPROPRIATE MINIMUM FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD and the following limitations and conditions:

This permit is issued to City of Mill City, City Hall, PO Box 256, Mill City, Oregon 97360, phone 897-2302, for the use of the waters of North Santiam River, a tributary of Willamette River,

for the PURPOSE of Irrigation,

that the PRIORITY OF THE RIGHT dates from July 7, 1982,

and is limited to the amount of water which can be applied to beneficial use and shall not exceed 0.05 cubic foot per second.

The POINT OF DIVERSION is to be LOCATED: 445.0 feet North and 895 feet West from the S 1/4 Corner of Section 29, being within SE 1/4 SW 1/4 of Section 29, Township 9 South, Range 3 East, WM, in the County of Linn.

A description of the PLACE OF USE under the permit, and to which such right is appurtenant, is as follows:

Township 9 South, Range 3 East, WM Section 29 SE 1/4 SW 1/4 4.24 acres

The AMOUNT OF WATER used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to 1/80 of one cubic foot per second per acre, from direct flow and shall be further limited to a diversion of not to exceed 2.5 acre-feet per acre for each acre irrigated during the irrigation season of each year, and shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Actual construction work shall begin on or before February 14, 1984, and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19 84.

Complete application of the water to the proposed use shall be made on or before October 1, 19 85.

Witness my hand this 14th day of February, 19 83.

/s/ JAMES E. SEXSON

WATER RESOURCES DIRECTOR

This permit, when issued, is for the beneficial use of water. By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan. It is possible that the land use you propose may not be allowed if it is not in keeping with the goals and the acknowledged plan. Your city or county planning agency can advise you about the land-use plan in your area.

APPLICATION 63751 PERMIT 47258

690 10-SBC

STATE OF OREGON

COUNTY OF LINN

CERTIFICATE OF WATER RIGHT

This is to certify, *That* CITY OF MILL CITY

of City Hall, PO Box 256, Mill City , *State of* OR 97360 , *has made proof to the satisfaction of the Water Resources Director, of a right to the use of the waters of*
North Santiam River

a tributary of Willamette River *for the purpose of*
irrigation of 2.9 acres

under Permit No. 47258 *and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from*
July 7, 1982
that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed
0.04 cubic foot per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the SE 1/4 SW 1/4, Section 29, T9S, R3E, WM; 570 feet North and 690 feet West from S 1/4 corner Section 29.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to one-eightieth *of one cubic foot per second per acre,* or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 2.5 acre-feet per acre for each acre irrigated during the irrigation season of each year,

and shall conform to such reasonable rotation system as may be ordered by the proper state officer.

A description of the place of use under the right hereby confirmed, and to which such right is appurtenant, is as follows:

2.9 acres SE 1/4 SW 1/4
Section 29
Township 9 South, Range 3 East, WM

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of use herein described and is subject to minimum flows established by the Water Resources Commission with an effective date prior to this right.

WITNESS the signature of the Water Resources Director, affixed

this date. March 6, 1987

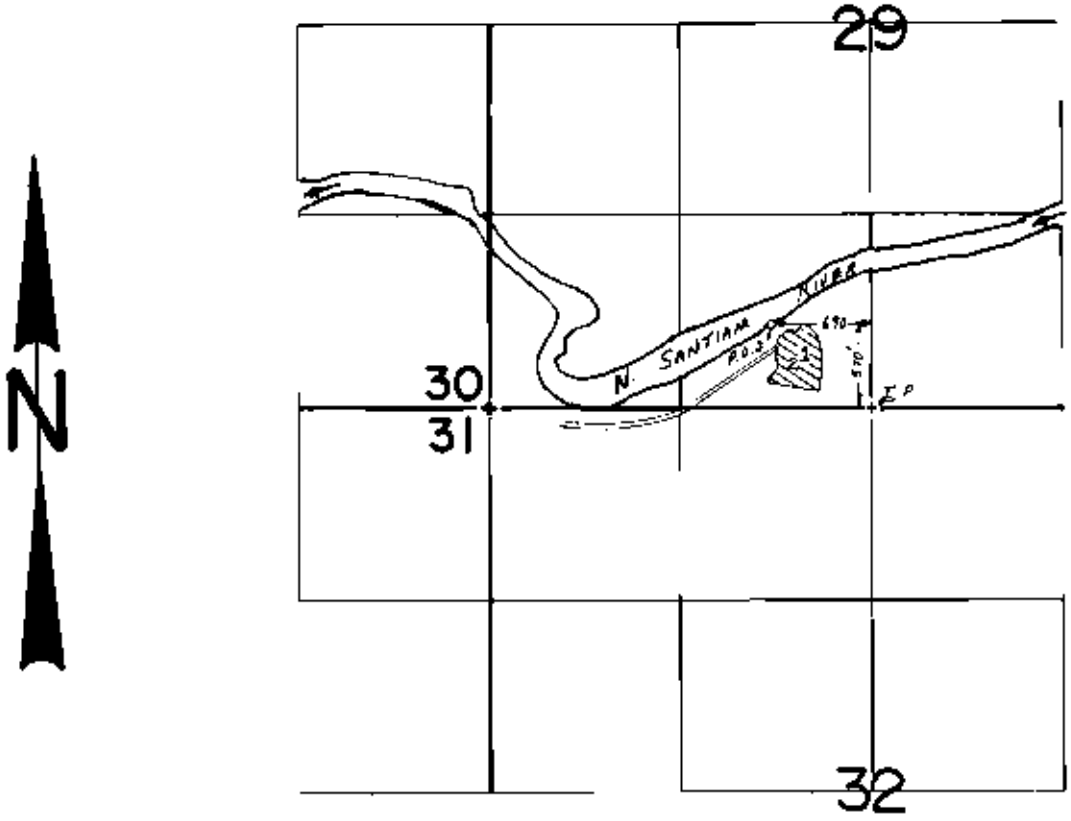
/s/ William H. Young
Water Resources Director

Recorded in State Record of Water Right Certificates, Volume 51 *, page* 55815

83970/SB
65751

90684

T.9S., R.3E., W.M.



Scale : 1" = 1320'

FINAL PROOF SURVEY

UNDER

Application No. 63751 Permit No. 47258

IN NAME OF

CITY OF MILL CITY

Surveyed May 7, 1986, by T. Warren

4-1043-178 59 A
11/25/86 2mw