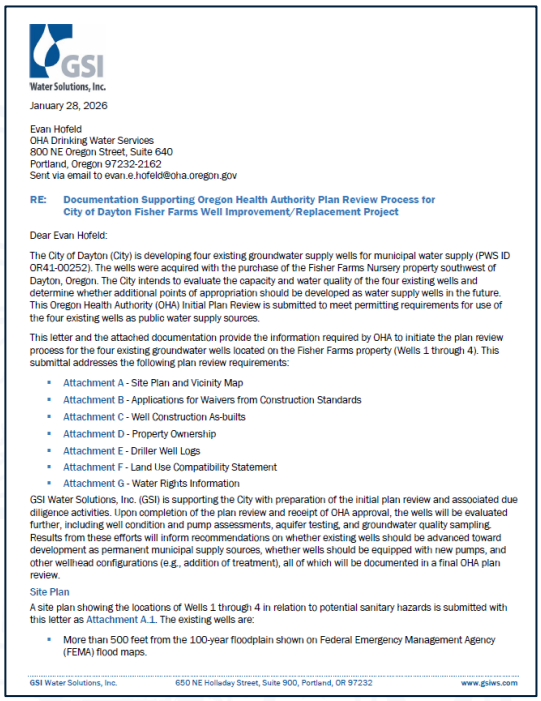


GSI Water Solutions, Inc.

January 28, 2026

Evan Hofeld
OHA Drinking Water Services
800 NE Oregon Street, Suite 640
Portland, Oregon 97232-2162
Sent via email to evan.e.hofeld@oha.oregon.gov

RE: Documentation Supporting Oregon Health Authority Plan Review Process for City of Dayton Fisher Farms Well Improvement/Replacement Project

Dear Evan Hofeld:

The City of Dayton (City) is developing four existing groundwater supply wells for municipal water supply (PWS ID OR41-00252). The wells were acquired with the purchase of the Fisher Farms Nursery property southwest of Dayton, Oregon. The City intends to evaluate the capacity and water quality of the four existing wells and determine whether additional points of appropriation should be developed as water supply wells in the future. This Oregon Health Authority (OHA) Initial Plan Review is submitted to meet permitting requirements for use of the four existing wells as public water supply sources.

This letter and the attached documentation provide the information required by OHA to initiate the plan review process for the four existing groundwater wells located on the Fisher Farms property (Wells 1 through 4). This submittal addresses the following plan review requirements:

- Attachment A - Site Plan and Vicinity Map
- Attachment B - Applications for Waivers from Construction Standards
- Attachment C - Well Construction As-builts
- Attachment D - Property Ownership
- Attachment E - Driller Well Logs
- Attachment F - Land Use Compatibility Statement
- Attachment G - Water Rights Information

GSI Water Solutions, Inc. (GSI) is supporting the City with preparation of the initial plan review and associated due diligence activities. Upon completion of the plan review and receipt of OHA approval, the wells will be evaluated further, including well condition and pump assessments, aquifer testing, and groundwater quality sampling. Results from these efforts will inform recommendations on whether existing wells should be advanced toward development as permanent municipal supply sources, whether wells should be equipped with new pumps, and other wellhead configurations (e.g., addition of treatment), all of which will be documented in a final OHA plan review.

Site Plan

A site plan showing the locations of Wells 1 through 4 in relation to potential sanitary hazards is submitted with this letter as Attachment A.1. The existing wells are:

- More than 500 feet from the 100-year floodplain shown on Federal Emergency Management Agency (FEMA) flood maps.

GSI Water Solutions, Inc. 650 NE Holladay Street, Suite 900, Portland, OR 97232 www.gsiws.com

March 5, 2026

Holly Norcom, GIT (hnorcom@gsiws.com)
GSI, Water Solutions, Inc.
650 NE Holladay St., Ste 900
Portland, OR 97232

Sent by email only

Re: Fisher Farm Wells #1-4 (PR# 16-2026)
City of Dayton (PWS ID# 00252)
Site Plan Approval

Dear Ms. Norcom:

Thank you for your submittal to the Oregon Health Authority's Drinking Water Services (DWS) of plan review information for the Fisher Well project on behalf of the City of Dayton. On January 28, 2026, our office received site maps, well logs, land use statement, water right information and three construction standard waiver requests. A plan review fee payment in the amount of $4,125 was also received on January 28, 2026, at which time plan id #16-2026 was assigned.

Project Description
The project includes the development of up to four existing wells to be included under an existing entry point (EP-B). Provide all four wells are developed, they will be assigned as follows:

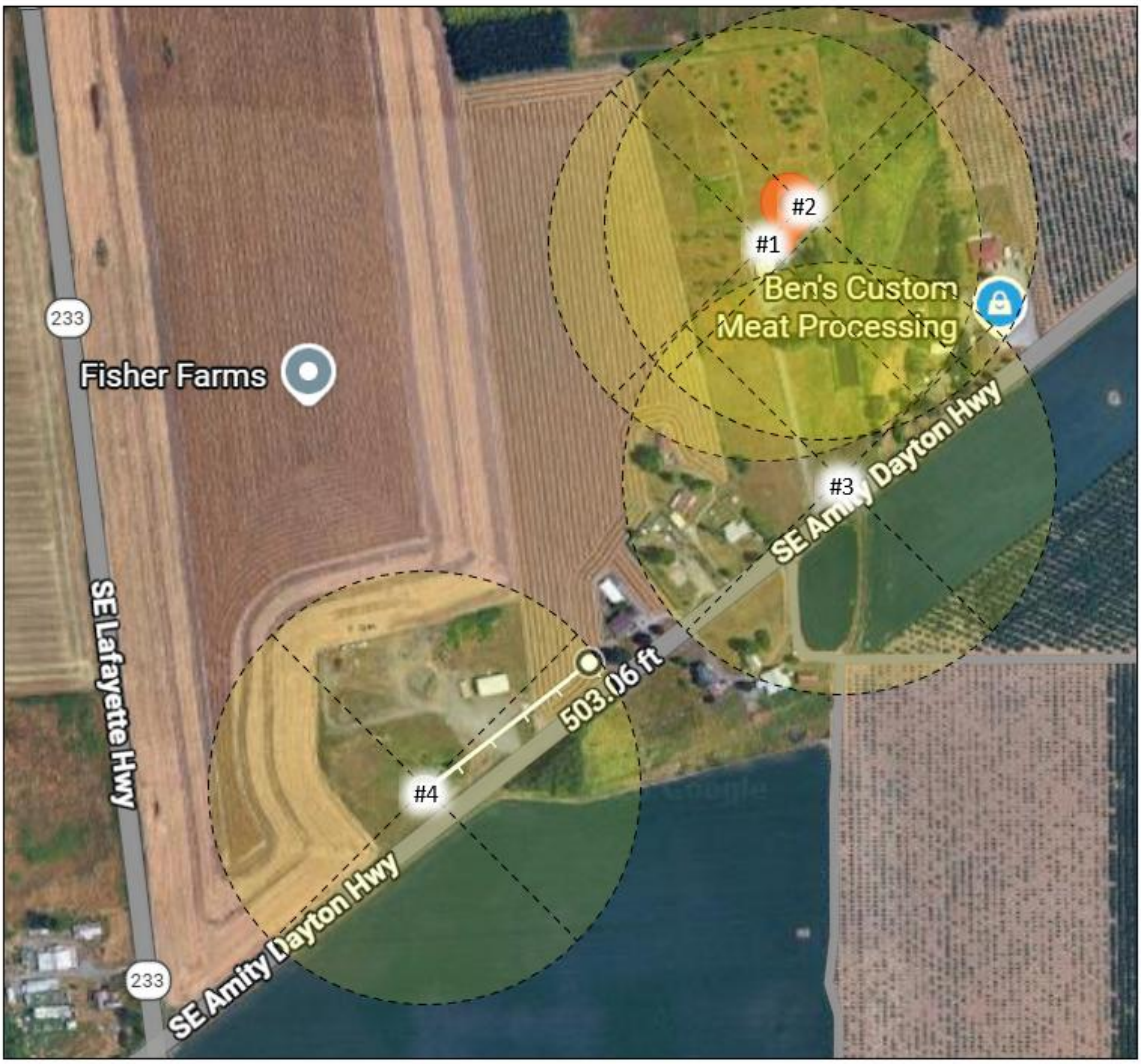
EP-B	EP for Wells
SRC-BH	1979 Fisher Well #1 - YAMH5370
SRC-BI	1980 Fisher Well #2 - YAMH5369
SRC-BJ	2001 Fisher Well #3 - YAMH52469
SRC-BK	1989 Fisher Well #4 - YAMH5447

Since the aquifers in this area of Yamhill County contain low levels of methane, it is anticipated that the methane will be removed with methane strippers. The methane strippers will be installed at the wellhead (if needed) before the water is then conveyed to

the Dayton Water Treatment Plant (WTP-B) which removes iron & manganese from the water before it flows to the Dayton storage reservoir.

Well Evaluation Results – All 4 wells adequately constructed into confined aquifers
Four well logs were provided on January 28, 2026 (YAMH5369, YAMH5370, YAMH5447, and YAMH52469). A regional geologist in our program, Tom Pattee, reviewed the well wells and provided his comments to me on February 23, 2026. Mr. Pattee noted that all four wells were considered adequately constructed into confined aquifers with a low susceptibility to contamination from nearby land use practices. These findings are enclosed with this letter.

Approximate 500-ft radii around wells:



Waiver Request Results – All 3 setback/hazard waiver requests were approved
As provided under OAR 333-061-0055 (end of page 26), Drinking Water Services may grant waivers from construction standards under some conditions. Setback/hazard waiver requests were submitted on January 28, 2026 for Fisher Wells #2, #3, and #4 (see enclosed summary). The waivers were assigned the following waiver ID numbers:

- WV-2026-578-Dayton SRC-BI-Fisher Well #2
- WV-2026-579-Dayton SRC-BJ-Fisher Well #3
- WV-2026-580-Dayton SRC-BK-Fisher Well #4

All three waiver requests were approved on March 5, 2026 and are available for viewing on our website under Plan ID# 16-2026 at:
https://yourwater.oregon.gov/planreview.php?pwsno=00252

Site Plan Approval – All 4 well locations approved
All four well locations where the wells are currently positioned are approved. This site plan approval letter is being issued at this time as opposed to a "conditional approval" letter due to the phased nature of the project, which follows roughly the following steps:

1) The site plan approval is being sought to help identify any fatal flaws that would prevent approval of the constructed wells. This phase will help the City to determine which wells are feasible and economically viable for development, prior to the City investing more time and money into further testing of each well.

   Once feasible wells are identified, GSI will conduct flow testing. Measurements of methane concentrations will also be taken to determine which well is economically treatable and to size the methane strippers (design by Westech engineering). The buildings housing the methane strippers will be based on the size of the equipment needed to remove the methane.

2) A conditional approval letter is anticipated to be issued following receipt and approval of the final plans for the wellhead, methane strippers, and transmission lines tying the well(s) into the existing system.

3) A final approval letter is anticipated to be issued once the construction is complete and it is demonstrated that the conditions in the conditional approval letter have been met.

Although the well sites for the drilled wells are approved, please submit:

1. ☐ Well driller's reports (well logs) if alterations result in new well logs.
2. ☐ Well pumping test information including static water level, pumping rate, drawdown and rate of recovery.
3. ☐ Pump information.
4. ☐ Raw (Untreated) Water Quality Data including, SOCs, VOCs, radionuclides (gross alpha, uranium, and radium 226/228), IOCs and coliform bacteria. These are to be taken from the new wells' raw water sample tap at the wellheads.
5. ☐ Engineered plans that show the above-ground well structure detail including the well house and concrete slab around the casing (not required for wells equipped with pitless adapters), pump-to-waste piping, and plans and specifications for connection of the new wells to the methane strippers (if applicable) and the water system.
6. ☐ A copy of any updated water right documentation (if applicable).

The above items should reference Plan Review #16-2026 and can be emailed to me at evan.e.hofeld@oha.oregon.gov. Thank you for your patience in awaiting this letter and if you have any questions, please feel free to email me at evan.e.hofeld@oha.oregon.gov or call me at 971-200-0288.

Sincerely,

Evan Hofeld, PE
Drinking Water Services

CC: Jeremy Caudle, City of Dayton: jcaudle@daytonoregon.gov
Don Cutler, City of Dayton: dcutler@daytonoregon.gov
Matthew Kohlbecker, GSI: mkohlbecker@gsiws.com
Mathew Thomas, GSI: mthomas@gsiws.com
Denny Muchmore, Westech Engineering, Inc.: dmuchmore@westech-eng.com
Melissa Wong, Yamhill County Public Health: wongm@yamhillcounty.gov
Tommy Laird, OWRD WCP Inspection Coord.: Tommy.k.laird@water.oregon.gov
Kris Byrd, OWRD WCP Section Manager: kristopher.r.byrd@water.oregon.gov
Joel Plahn, Oregon Water Resources Dept.: Joel.M.PLAHN@water.oregon.gov
Tom Pattee, Oregon Health Authority – DWS: Tom.PATTEE@oha.oregon.gov

Enclosure(s): 1) Waiver request summary
2) Well evaluation results
3) Site descriptions and well logs

Summary of Waiver Requests

Setback/hazard waiver requests were submitted on January 28, 2026 for Fisher Wells #2, #3, and #4 due to a variety of setback issues.

The waivers were assigned the following waiver ID numbers:

- WV-2026-578-Dayton SRC-BI-Fisher Well #2
- WV-2026-579-Dayton SRC-BJ-Fisher Well #3
- WV-2026-580-Dayton SRC-BK-Fisher Well #4

All three waiver requests were approved on March 5, 2026 and are available for viewing on our website under Plan ID# 16-2026 at:

https://yourwater.oregon.gov/planreview.php?pwsno=00252

WV-2026-578 - SRC-BI (Fisher Well #2 – YAMH5369) – 0050(2)(a)(E)

“Based on a review of Yamhill County's septic records, YAMH 5369 (Well 2) appears to be located within the footprint of a septic drain field for the house at the property. The septic drain field is within the OAR-stipulated 100-foot setback for public water supply wells and septic drain fields.”

“Meeting this standard is impractical given that compliance would require the City to abandon and reconstruct an existing septic drain field on City property in order to achieve the required 100-foot sanitary setback for Well 2.”

“The City is requesting a waiver from this setback requirement because Well 2 is completed in a confined aquifer (Attachment C). Confining conditions are evident based on the approximately 88 feet of clay that is present between the ground surface and production zone of Well 2; and the fact that the static water level in Well 2 is about 25 feet below ground surface (bgs) [above the aquifer from 89 to 121 feet bgs (Attachment C.2)”

WV-2026-579 - SRC-BJ (Fisher Well #3 – YAMH52469) – 0050(2)(a)(E)

“YAMH 52469 (Well 3) is located approximately 93 feet from tax lot 02300 where the property owners apply herbicides, pesticides, and fungicides. This is within the 100-foot sanitary setback for Well 3 and conflicts with OAR 333-061-0050 by this standard.”

“Meeting this standard would be logistically difficult for the property owner of tax lot 02300 and thereby the City given that they would need to re-program spraying machines. The property owner has made evident that if there's a no tolerance of these chemicals, then they would be unable to provide the City with an easement.”

“The City is requesting a waiver from this setback requirement because Well 3 is completed in a confined aquifer (Attachment C). Confining conditions are evident based on the approximately 102 feet of clay that is present between the ground surface and production zone of Well 3; and the fact that the static water level in Well 3 is about 23 feet below ground surface (bgs) [above the aquifer from 107 to 195 feet bgs (Attachment C.3)].”

WV-2026-580 - SRC-BK (Fisher Well #4 – YAMH5447) – 0050(2)(a)

“Well 4 is located approximately 28 feet from an unlined flow-through conveyance ditch for stormwater that is seasonally dry. This ditch is potentially within the OAR-stipulated 100-foot setback between public water supply wells and untreated stormwater disposal sites.”

“Meeting the setback would require alteration to the stormwater drainage system served by the conveyance ditch, as previous attempts to fill it in have resulted in disruptions to the stormwater drainage system and localized flooding on nearby Lafayette Highway. These costs would be prohibitively expensive for the City.”

“The City is submitting a waiver from construction standards on the grounds that Well 4 is in a confined aquifer (Attachment B). Confining conditions are evident based on the approximately 110 feet of clay that is present between the ground surface and production zone of Well 4; and the fact that the static water level in Well 4 is 27.91 feet bgs [above the aquifer from 115 to 157 feet bgs (Attachment C.4)].”

Well Evaluation Results

Four well logs were provided on January 28, 2026, listed below.

EP-B	EP for Wells
SRC-BH	1979 Fisher Well #1 - YAMH5370 (no waiver requested for this)
SRC-BI	1980 Fisher Well #2 - YAMH5369 – WV-2026-578
SRC-BJ	2001 Fisher Well #3 - YAMH52469 – WV-2026-579
SRC-BK	1989 Fisher Well #4 - YAMH5447 – WV-2026-580

A regional geologist in our program, Tom Pattee, reviewed the well wells and provided his comments to me on February 23, 2026. Mr. Pattee noted that all four wells were considered adequately constructed into confined aquifers with a low susceptibility to contamination from nearby land use practices.

SRC-BH 1979 Fisher Well #1 - YAMH5370 (no waiver requested for this)

As Built Well Construction Evaluation for Plan Review and/or Setback Waiver:

☒ Well/Spring meets current construction standards.
☐ WRD special construction standards, see well log or Comments.
☐ Well/Spring construction does not meet construction standards.
☐ Not sealed to appropriate depth. Recommended depth: _____
☐ Not appropriate seal materials
☐ Open to more than one aquifer
☐ Seal info missing or unknown
☐ Seal not constructed properly (☐ Insufficient sealant volume ☐ Insufficient annular space)
☐ Susceptible construction, but grandfathered source. Consider for reconstruction if nitrate ≥ 5mg/L or confirmed *E. coli* at source.
☐ Susceptible well construction, **not approved for use**.

Comments: This well was drilled to a depth of 140 ft. The casing extends to a depth of 105 ft and is sealed to a depth of 18 ft below ground level. The casing seal is completed 15 ft into an 85 ft thick silt (clay) layer. A screen was place in the hole below the casing from 110 to 120 ft below ground. Water can enter the well below the casing and then through the well screen. Sensitivity Analysis results suggest that well construction is not highly sensitive to nearby land use practices.

Nature of Aquifer Evaluation:

Aquifer Nature: ☒ Confined aquifer ☐ Semi-confined aquifer ☐ Unconfined aquifer
Comments: This well draws water from a confined aquifer composed of sand and mixed sand and gravel. The first water-bearing zone below the casing seal was reported to occur at a depth of 88 ft and is overlain by 85 ft of low permeability silt (clay) that acts as a confining layer. Water in the aquifer is under pressure, rising 53 ft above the top of the first water-bearing zone to a depth of 35 ft below ground. Sensitivity Analysis results suggest that the aquifer is not highly sensitive to nearby land use practices.

☒ Do not need to consider for GWUDI.
Comments: A stormwater pond is within 360 ft of the wellhead. However, the GWUDI setback distance for sand is 75 ft and mixed sand and gravel is 100 ft. Since the stormwater pond is present at a greater distance than the GWUDI setback distances, there is no GWUDI concern with respect to this well.

SRC-BI 1980 Fisher Well #2 - YAMH5369 – WV-2026-578

As Built Well Construction Evaluation for Plan Review and/or Setback Waiver:

☒ Well/Spring meets current construction standards.
- ☐ WRD special construction standards, see well log or Comments.

☐ Well/Spring construction does not meet construction standards.
- ☐ Not sealed to appropriate depth. Recommended depth: _____
- ☐ Not appropriate seal materials
- ☐ Open to more than one aquifer
- ☐ Seal info missing or unknown
- ☐ Seal not constructed properly (☐ Insufficient sealant volume ☐ Insufficient annular space)

☐ Susceptible construction, but grandfathered source. Consider for reconstruction if nitrate ≥ 5mg/L or confirmed *E. coli* at source.

☐ Susceptible well construction, **not approved for use**.

Comments: This well was drilled to a depth of 121 ft. The casing extends to the bottom of the hole and is sealed to a depth of 18 ft below ground level. The casing seal is completed 16 ft into an 87 ft thick silt (clay) layer. According to the water well report, the well is fully cased, there are no perforations in the casing or well screens present. Therefore, water can enter the well through the open end of the casing, 121 ft below ground level. Sensitivity Analysis results suggest that well construction is not highly sensitive to nearby land use practices.

Nature of Aquifer Evaluation:

Aquifer Nature: ☒ Confined aquifer ☐ Semi-confined aquifer ☐ Unconfined aquifer

Comments: This well draws water from a confined aquifer composed of sand and mixed sand and gravel. The first water-bearing zone below the casing seal was reported to occur at a depth of 89 ft and is overlain by 87 ft of low permeability silt (clay) that acts as a confining layer. Water in the aquifer is under pressure, rising 68 ft above the top of the first water-bearing zone to a depth of 21 ft below ground. Sensitivity Analysis results suggest that the aquifer is not highly sensitive to nearby land use practices.

Construction Setback Waiver Info:

☒ Facility Profiler review for additional contamination info:
- ☒ Not applicable, Facility Profiler doesn't track releases from this type of contaminant source.
- ☐ Facility Profiler does not indicate a spill or chemical release related to the sanitary setback violation.
- ☐ Facility Profiler indicates that there **is** a spill or chemical release related to the sanitary setback violation.

Hydrogeologist comments regarding Waiver from Construction Standards Request: A septic drainfield associated with the house on the property is present within the 100-ft sanitary setback for this well. Rural septic drainfields are a source of fecal contamination. However, Sensitivity Analysis results suggest that the neither the well construction or the aquifer are highly sensitive to nearby land use practices. Therefore, this water source is not considered to be susceptible to fecal contamination from the septic drainfield.

☒ Do not need to consider for GWUDI.

Comments: A stormwater pond is within 345 ft of the wellhead. However, the GWUDI setback distance for sand is 75 ft and mixed sand and gravel is 100 ft. Since the stormwater pond is present at a greater distance than the GWUDI setback distances, there is no GWUDI concern with respect to this well.

SRC-BJ 2001 Fisher Well #3 - YAMH52469 – WV-2026-579

As Built Well Construction Evaluation for Plan Review and/or Setback Waiver:

☒ Well/Spring meets current construction standards.
- ☐ WRD special construction standards, see well log or Comments.

☐ Well/Spring construction does not meet construction standards.
- ☐ Not sealed to appropriate depth. Recommended depth: _____
- ☐ Not appropriate seal materials
- ☐ Open to more than one aquifer
- ☐ Seal info missing or unknown
- ☐ Seal not constructed properly (☐ Insufficient sealant volume ☐ Insufficient annular space)

☐ Susceptible construction, but grandfathered source. Consider for reconstruction if nitrate ≥ 5mg/L or confirmed *E. coli* at source.

☐ Susceptible well construction, **not approved for use**.

Comments: This well was drilled to a depth of 195 ft. The casing extends to the bottom of the hole and is sealed to a depth of 38 ft below ground level. The casing seal is completed 33 ft into a 102 ft thick silt (clay) layer. According to the water well report, the casing is perforated at various intervals beginning at 108 ft below ground and extending to the bottom of the casing. Outside the casing, the well is gravel-packed from a depth of 38 ft to the bottom of the hole. Therefore, water enters the well by traveling through the gravel pack below the casing seal and then through the perforations. Sensitivity Analysis results suggest that well construction is not highly sensitive to nearby land use practices.

Nature of Aquifer Evaluation:

Aquifer Nature: ☒ Confined aquifer ☐ Semi-confined aquifer ☐ Unconfined aquifer

Comments: This well draws water from a confined aquifer composed of sand and mixed sand and gravel. The first water-bearing zone below the casing seal was reported to occur at a depth of 107 ft and is overlain by 102 ft of low permeability silt (clay) that acts as a confining layer. Water in the aquifer is under pressure, rising 77 ft above the top of the first water-bearing zone to a depth of 30 ft below ground. Sensitivity Analysis results suggest that the aquifer is not highly sensitive to nearby land use practices.

Construction Setback Waiver Info:

☒ Facility Profiler review for additional contamination info:
- ☒ Not applicable, Facility Profiler doesn't track releases from this type of contaminant source.
- ☐ Facility Profiler does not indicate a spill or chemical release related to the sanitary setback violation.
- ☐ Facility Profiler indicates that there **is** a spill or chemical release related to the sanitary setback violation.

Hydrogeologist comments regarding Waiver from Construction Standards Request: An agricultural field is present within the 100-ft sanitary setback for this well. Irrigated crops are considered to be a moderate-risk to groundwater. However, Sensitivity Analysis results suggest that the neither the well construction or the aquifer are highly sensitive to nearby land use practices. Therefore, this water source is not considered to be highly susceptible to activities associated with this land use practice within the sanitary setback.

☒ Do not need to consider for GWUDI.

Comments: A stormwater pond is within 210 ft of the wellhead. However, the GWUDI setback distance for sand is 75 ft and mixed sand and gravel is 100 ft. Since the stormwater pond is present at a greater distance than the GWUDI setback distances, there is no GWUDI concern with respect to this well.

SRC-BK 1989 Fisher Well #4 - YAMH5447 – WV-2026-580

As Built Well Construction Evaluation for Plan Review and/or Setback Waiver:

☒ Well/Spring meets current construction standards.
- ☐ WRD special construction standards, see well log or Comments.

☐ Well/Spring construction does not meet construction standards.
- ☐ Not sealed to appropriate depth. Recommended depth: _____
- ☐ Not appropriate seal materials
- ☐ Open to more than one aquifer
- ☐ Seal info missing or unknown
- ☐ Seal not constructed properly (☐ Insufficient sealant volume ☐ Insufficient annular space)

☐ Susceptible construction, but grandfathered source. Consider for reconstruction if nitrate ≥ 5mg/L or confirmed *E. coli* at source.

☐ Susceptible well construction, **not approved for use**.

Comments: This well was drilled to a depth of 157 ft. The casing extends to the bottom of the hole and is sealed to a depth of 18 ft below ground level. The casing seal is completed 14 ft into a 71 ft thick silt (clay) layer. According to the water well report, the casing is perforated from 117 to 152 ft below ground level. Outside the casing, the well is gravel-packed from a depth of 18 ft to the bottom of the hole. Therefore, water enters the well by traveling through the gravel pack below the casing seal and then through the perforations. Sensitivity Analysis results suggest that well construction is not highly sensitive to nearby land use practices.

Nature of Aquifer Evaluation:

Aquifer Nature: ☒ Confined aquifer ☐ Semi-confined aquifer ☐ Unconfined aquifer

Comments: This well draws water from a confined aquifer composed of sand and mixed sand and gravel. The first water-bearing zone below the casing seal was reported to occur at a depth of 75 ft and is overlain by 71 ft of low permeability silt (clay) that acts as a confining layer. Water in the aquifer is under pressure, rising 35 ft above the top of the first water-bearing zone to a depth of 40 ft below ground. Sensitivity Analysis results suggest that the aquifer is not highly sensitive to nearby land use practices.

Construction Setback Waiver Info:

☒ Facility Profiler review for additional contamination info:
- ☒ Not applicable, Facility Profiler doesn't track releases from this type of contaminant source.
- ☐ Facility Profiler does not indicate a spill or chemical release related to the sanitary setback violation.
- ☐ Facility Profiler indicates that there **is** a spill or chemical release related to the sanitary setback violation.

Comments and/or suggested "alternate measures" that could be considered for a Waiver from Construction Standards Request: A seasonal ditch has been identified within 28 ft of the wellhead. Sensitivity Analysis results suggest that neither the well construction or the aquifer are highly sensitive to nearby land use practices. Therefore, this water source is not considered to be susceptible to the seasonal ditch.

Reviewed by: Tom Pattee, R. G. Date: 02/23/2026

REGISTERED OREGON CHARLES T. PATTEE G-1074 GEOLOGIST Exp 06/01/2026

Project and Site Description

GSI Water Solutions, Inc. (GSI) is supporting the City with preparation of the initial plan review and associated due diligence activities. Upon completion of the plan review and receipt of OHA approval, the wells will be evaluated further, including well condition and pump assessments, aquifer testing, and groundwater quality sampling.

Results from these efforts will inform recommendations on whether existing wells should be advanced toward development as permanent municipal supply sources, whether wells should be equipped with new pumps, and other wellhead configurations (e.g., addition of treatment), all of which will be documented in a final OHA plan review.

Site Plan

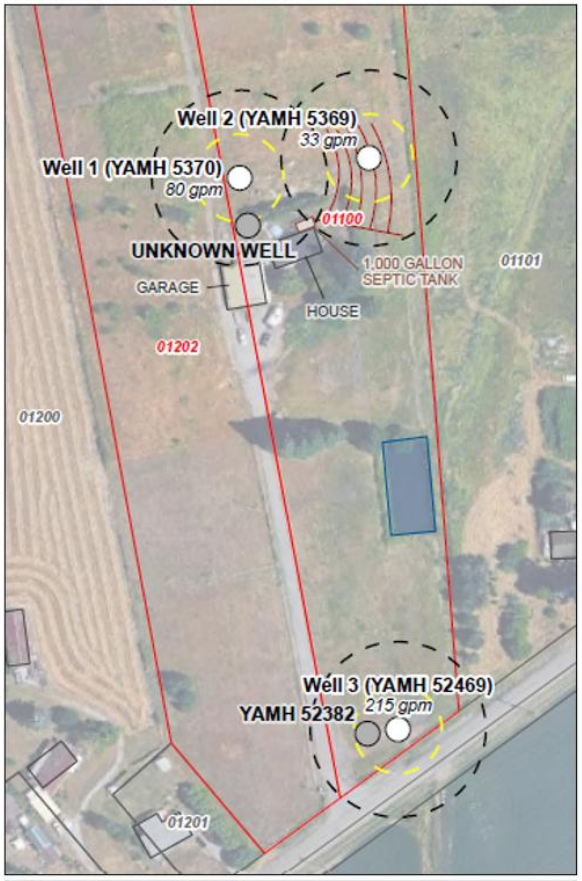
A site plan showing the locations of Wells 1 through 4 in relation to potential sanitary hazards was submitted as Attachment A.1. The existing wells are:

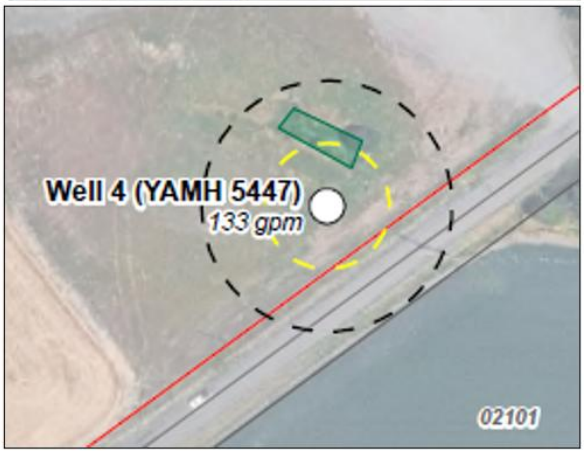
- More than 500 feet from the 100-year floodplain shown on Federal Emergency Management Agency (FEMA) flood maps.
- More than 500 feet from known contaminated sites in Oregon Department of Environmental Quality (DEQ) databases.
- The City of Dayton is the legal owner of tax lots 01100, 01202, and 01501.

Site Visit Results

GSI conducted a site walk on December 16, 2025, to verify site conditions. The following section summarizes potential sanitary hazards located within OHA setbacks that are stipulated in the Oregon Administrative Rules (OARs), along with plans to address hazards that do not meet the setbacks.

50- and 100-ft radii around wells:





LEGEND

- Well
- Well of Unknown or Suspect Construction

Well Buffer

- 50-Foot
- 100-Foot

All Other Features

- Project Tax Lot
- Other Tax Lot
- Stormwater Holding Pond
- Unlined Stormwater Conveyance Ditch
- 1000 Gallon Septic Tank
- Building Outline
- Septic Drainfield
- Major Road

NOTES

1. Unknown Well: no well tag observed, and no readily identifiable well log is available.
2. Septic drain field construction based on drawing provided by Yamhill County

Well 1: 45.210586, -123.098066
Well 2: 45.210661, -123.097498
Well 3: 45.20888, -123.097289
Well 4: 45.206844, -123.101081

House Address:
13665 SE Amity Dayton Hwy, Dayton, OR, 97114

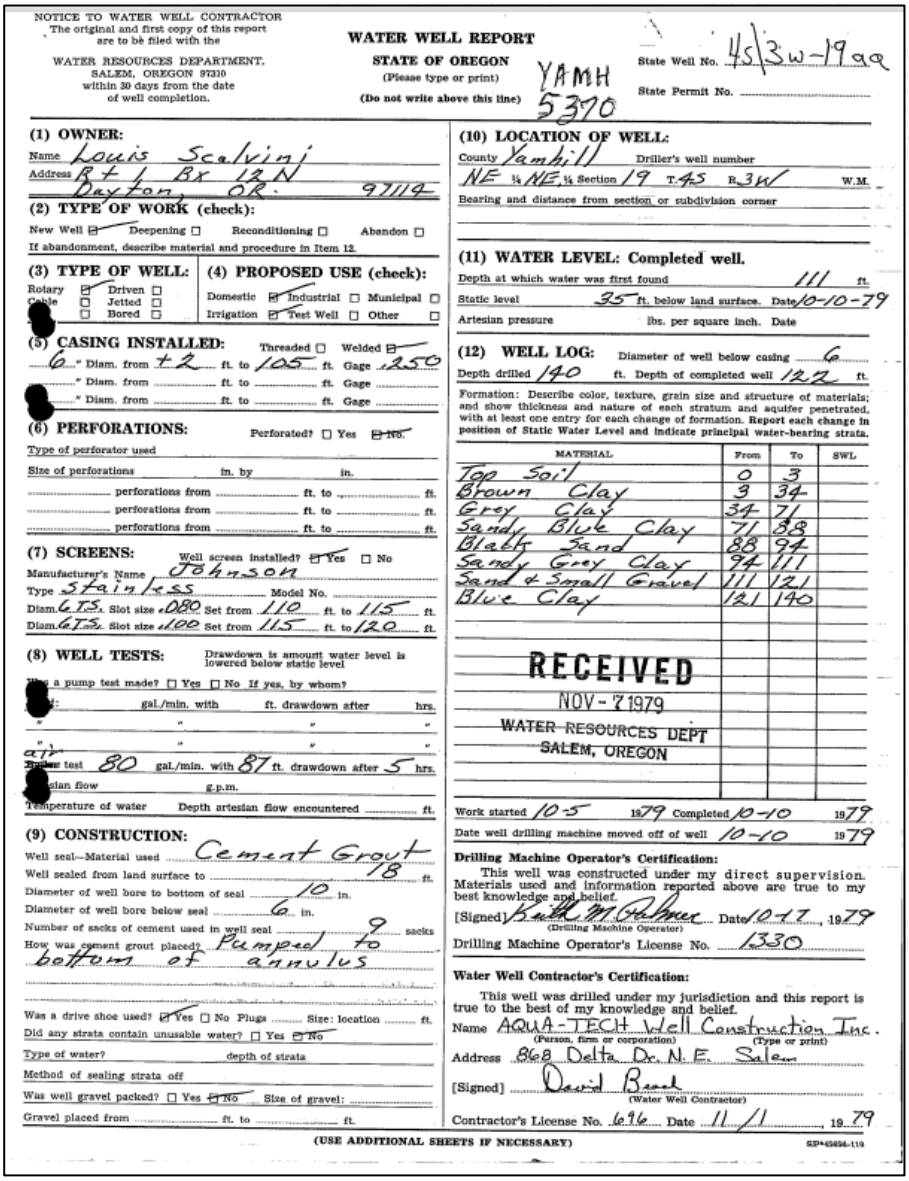
1979 Fisher Well #1 - YAMH5370

Link to WRD Well Map:
https://apps.wrd.state.or.us/apps/gw/well_log/wl_details.aspx?wl_id=285774

YAMH 5370 (Well 1)

GSI identified a previously unknown well approximately 60 feet south of Well 1. There is no identification tag on the casing of the unknown well, and no matching well log was found in the Oregon Water Resource Department (OWRD) well log database. Therefore, the depth of the well and well seal could not be verified, and the well is considered by OHA to be a well of unknown or suspect construction. This unknown well is within the OAR-stipulated 100-foot setback for public water supply wells and wells of unknown or suspect construction.

The City will arrange for this unknown well to be properly decommissioned by a licensed driller before bringing Well 1 into production.



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.

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

YAMH 5370

State Well No. 4S/3W-19aa
State Permit No.

(1) OWNER:
Name Louis Scalvini
Address Rt 1 Bx 12N Dayton, OR. 97114

(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 ☐ Bored ☐

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

(5) CASING INSTALLED: Threaded ☐ Welded ☒
6" Diam. from +2 ft. to 105 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS: Perforated? ☐ Yes ☒ No
Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS: Well screen installed? ☒ Yes ☐ No
Manufacturer's Name Johnson
Type Stainless Model No.
Diam. 6 T.S. Slot size .080 Set from 110 ft. to 115 ft.
Diam. 6 T.S. Slot size .100 Set from 115 ft. to 120 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?
gal./min. with ft. drawdown after hrs.
" " " "
" " " "
air
Bailer test 80 gal./min. with 87 ft. drawdown after 5 hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement Grout
Well sealed from land surface to 18 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 9 sacks
How was cement grout placed? Pumped to bottom of annulus
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 Yamhill Driller's well number
NE ¼ NE ¼ Section 19 T. 4S R. 3W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 111 ft.
Static level 35 ft. below land surface. Date 10-10-79
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 6
Depth drilled 140 ft. Depth of completed well 122 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
Top Soil	0	3	
Brown Clay	3	34	
Grey Clay	34	71	
Sandy Blue Clay	71	88	
Black Sand	88	94	
Sandy Grey Clay	94	111	
Sand & Small Gravel	111	121	
Blue Clay	121	140	

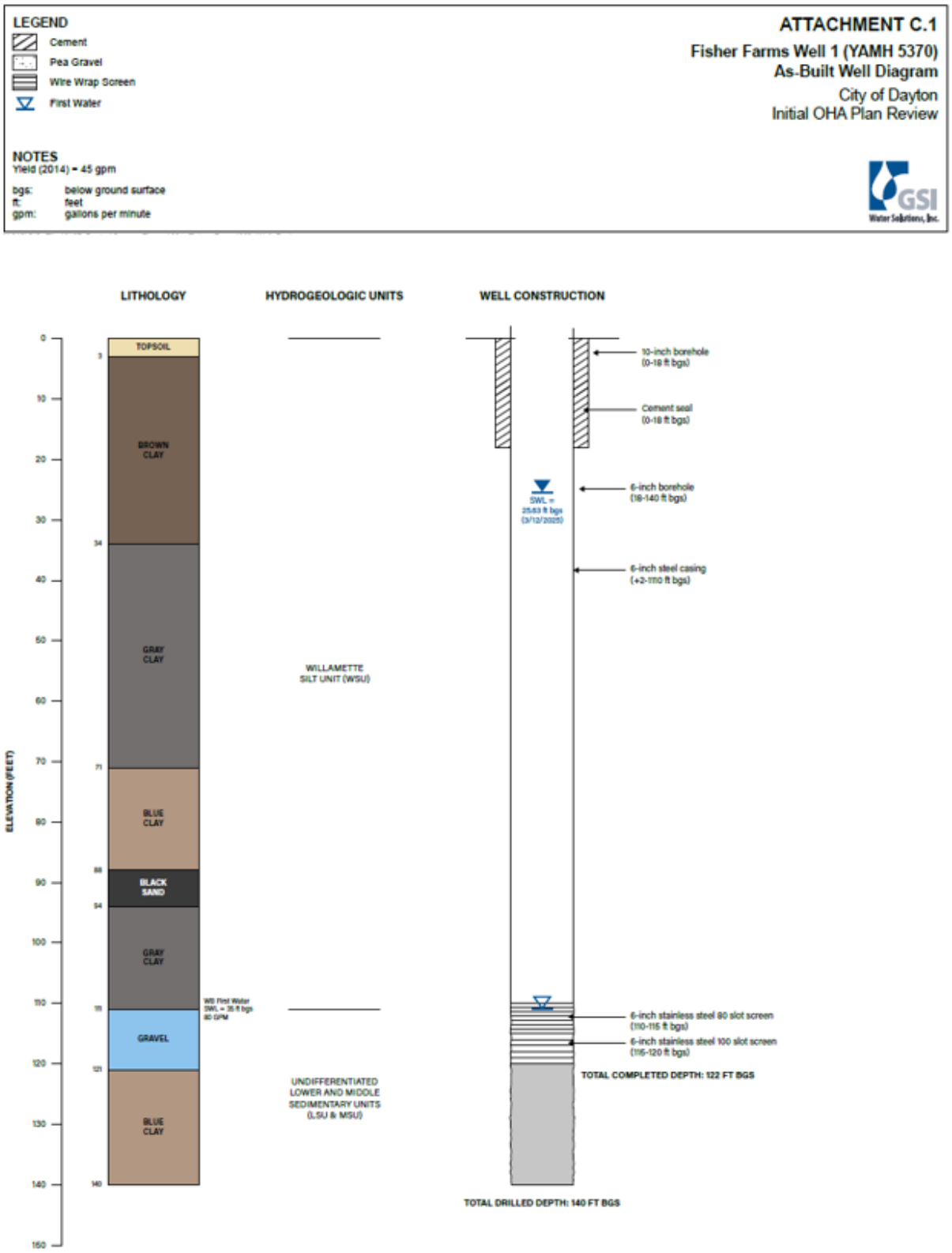
RECEIVED
NOV - 7 1979
WATER RESOURCES DEPT
SALEM, OREGON

Work started 10-5 1979 Completed 10-10 1979
Date well drilling machine moved off of well 10-10 1979

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] Ralph M. Palmer (Drilling Machine Operator) Date 10-17, 1979
Drilling Machine Operator's License No. 1330

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 AQUA-TECH Well Construction Inc. (Person, firm or corporation) (Type or print)
Address 868 Delta Dr. N.E. Salem
[Signed] David Brand (Water Well Contractor)
Contractor's License No. 696 Date 11/1, 19 79

(USE ADDITIONAL SHEETS IF NECESSARY)


LEGEND
Cement
Pea Gravel
Wire Wrap Screen
First Water
NOTES
Yield (2014) = 45 gpm
bgs: below ground surface
ft: feet
gpm: gallons per minute
ATTACHMENT C.1
Fisher Farms Well 1 (YAMH 5370)
As-Built Well Diagram
City of Dayton
Initial OHA Plan Review
GSI
Water Solutions, Inc.
LITHOLOGY
HYDROGEOLOGIC UNITS
WELL CONSTRUCTION
ELEVATION (FEET)
TOPSOIL
BROWN CLAY
GRAY CLAY
BLUE CLAY
BLACK SAND
GRAY CLAY
GRAVEL
BLUE CLAY
WILLAMETTE SILT UNIT (WSU)
UNDIFFERENTIATED LOWER AND MIDDLE SEDIMENTARY UNITS (LSU & MSU)
10-inch borehole (0-18 ft bgs)
Cement seal (0-18 ft bgs)
6-inch borehole (18-140 ft bgs)
6-inch steel casing (+2-110 ft bgs)
6-inch stainless steel 90 slot screen (110-116 ft bgs)
6-inch stainless steel 100 slot screen (116-120 ft bgs)
TOTAL COMPLETED DEPTH: 122 FT BGS
TOTAL DRILLED DEPTH: 140 FT BGS

1980 Fisher Well #2 - YAMH5369

Link to WRD Well Map:
https://apps.wrd.state.or.us/apps/gw/well_log/wl_details.aspx?wl_id=285773

YAMH 5369 (Well 2)

Well 2 is located approximately 61 feet from the property boundary with adjacent tax lot 01101, which is not owned by the City. The OARs require that the City own all property within 100 feet of a public water supply well, or negotiate a perpetually restrictive easement with the adjacent property owner. OHA may issue a waiver for this 100 feet property ownership requirement if: (a) the well is completed in a confined aquifer and (b) the City attempts to obtain a perpetually restrictive easement from the property owner. The City has contacted the property owner in an attempt to negotiate a perpetually restrictive easement. If the adjacent property owner is not willing to enter into a perpetually restrictive easement agreement, then the City will request a waiver from the 100-foot property ownership requirement.

Based on a review of Yamhill County's septic records, Well 2 appears to be located within the footprint of a septic drainfield for the house at the property. The septic drainfield is within the OAR-stipulated 100-foot setback for public water supply wells and septic drainfields. The City is requesting a waiver from this setback requirement because Well 2 is completed in a confined aquifer (Attachment B.1). Confining conditions are evident based on the approximately 88 feet of clay that is present between the ground surface and production zone of Well 2; and the fact that the static water level in Well 2 is about 25 feet below ground surface (bgs) [above the aquifer from 89 to 121 feet bgs (Attachment C.2)].

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.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)
YAMH 5369

State Well No. 4S/3W-19aa
State Permit No.

(1) OWNER:
Name Louis Scalvini #2 Well
Address Rt. 1 Box 12N Dayton, OR

(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 ☑
6" Diam. from +2 ft. to 121 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS: Perforated? ☐ Yes ☑ No.
Type of perforator used
Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS: Well screen installed? ☐ Yes ☑ No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? ☐ Yes ☑ No If yes, by whom?
gal./min. with ft. drawdown after hrs.
" " " "
" " " "
air Bailer test 50 gal./min. with 100 ft. drawdown after 4 hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:
Well seal—Material used Cement Grout
Well sealed from land surface to 18 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 12 sacks
How was cement grout placed? Pumped to bottom of annulus
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 Yamhill Driller's well number
NE ¼ NE ¼ Section 19 T 4S R 3W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.
Depth at which water was first found 89 ft.
Static level 21 ft. below land surface. Date 5-1-80
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing
Depth drilled 121 ft. Depth of completed well 121 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
Top Soil & Silt	0	2	
Brown Clay	2	32	
Grey Clay	32	71	
Sandy Grey Clay	71	89	
Black Sand with Some Clay	89	109	
Small gravel & Sand	109	118	
Medium gravel & Sand	118	121	

RECEIVED
MAY 5 1980
WATER RESOURCES DEPT
SALEM, OREGON

Work started 4-30 1980 Completed 5-1 1980
Date well drilling machine moved off of well 5-1 1980

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] Keith M Osborne (Drilling Machine Operator) Date 5-5 1980
Drilling Machine Operator's License No. 1330

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 AQUA-TECH Well Construction Inc. (Person, firm or corporation) (Type or print)
Address 868 Delta Dr. N.E. Salem
[Signed] David Beard (Water Well Contractor)
Contractor's License No. 696 Date 5/6 1980

(USE ADDITIONAL SHEETS IF NECESSARY)
SP*45956-119

LEGEND

Cement

First Water

ATTACHMENT C.2

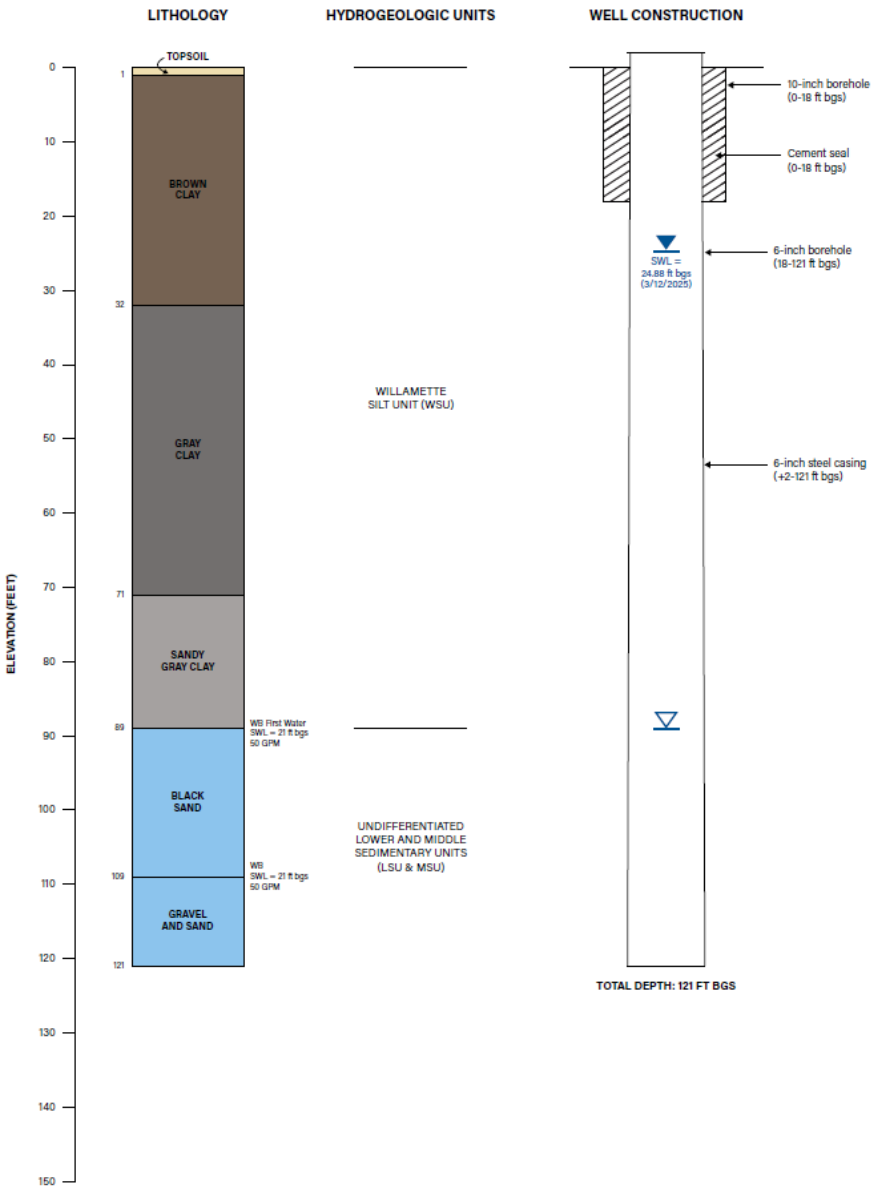
Fisher Farms Well 2 (YAMH 5369)
As-Built Well Diagram

City of Dayton
Initial OHA Plan Review

NOTES
Yield (2014) = 33 gpm

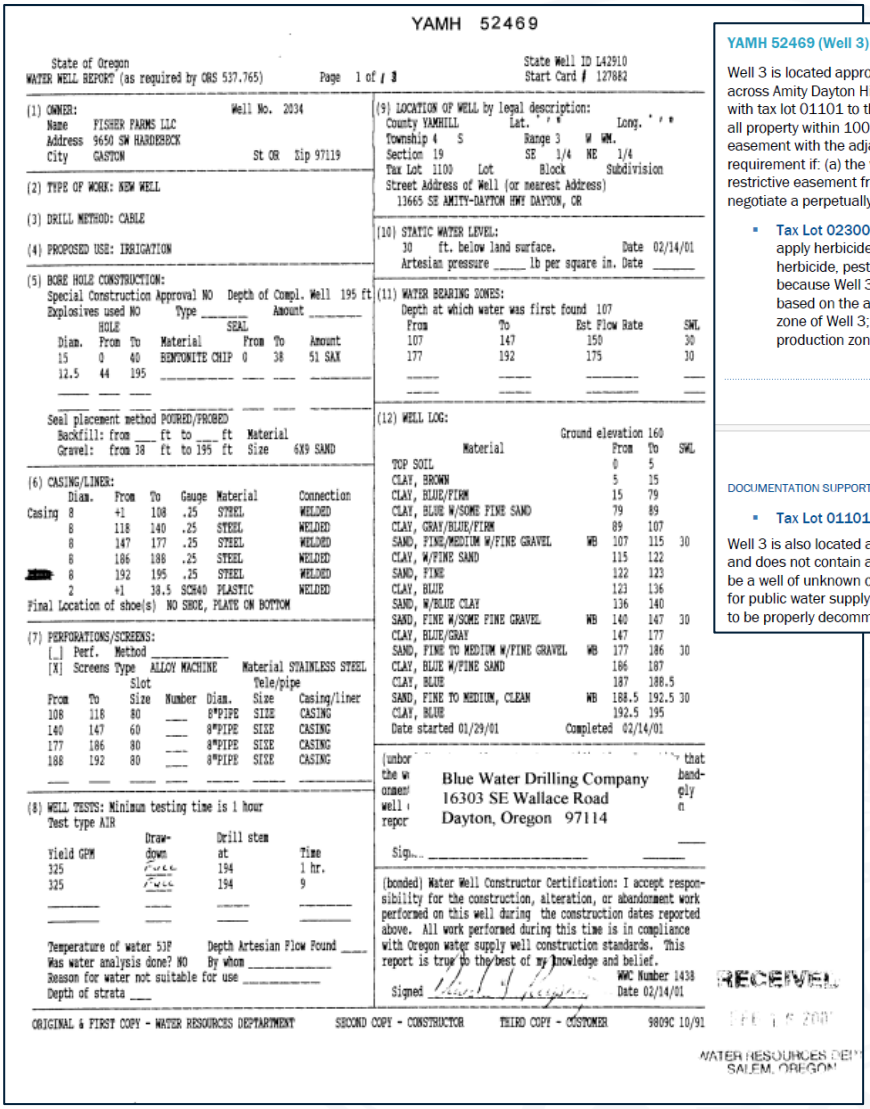
bgs: below ground surface
ft: feet
gpm: gallons per minute

GSI Water Solutions, Inc.



2001 Fisher Well #3 - YAMH52469

Link to WRD Well Map:
https://apps.wrd.state.or.us/apps/gw/well_log/wl_details.aspx?wl_id=300681



YAMH 52469

State of Oregon
WATER WELL REPORT (as required by ORS 537.765) Page 1 of 3

State Well ID L42910
Start Card # 127882

(1) OWNER: Well No. 2034
Name FISHER FARMS LLC
Address 9650 SW HARDEBECK
City GASTON St OR Zip 97119

(2) TYPE OF WORK: NEW WELL

(3) DRILL METHOD: CABLE

(4) PROPOSED USE: IRRIGATION

(5) BORE HOLE CONSTRUCTION:
Special Construction Approval NO Depth of Compl. Well 195 ft
Explosives used NO Type _____ Amount _____

HOLE Diam.	From	To	Material	SEAL From	To	Amount
15	0	40	BENTONITE CHIP	0	38	51 SAX
12.5	44	195				

Seal placement method POURED/PROBED
Backfill: from ___ ft to ___ ft Material
Gravel: from 38 ft to 195 ft Size 6X9 SAND

(6) CASING/LINER:

	Diam.	From	To	Gauge	Material	Connection
Casing	8	+1	108	.25	STEEL	WELDED
	8	118	140	.25	STEEL	WELDED
	8	147	177	.25	STEEL	WELDED
	8	186	188	.25	STEEL	WELDED
	8	192	195	.25	STEEL	WELDED
	2	+1	38.5	SCH40	PLASTIC	WELDED

Final Location of shoe(s) NO SHOE, PLATE ON BOTTOM

(7) PERFORATIONS/SCREENS:
[_] Perf. Method _____
[X] Screens Type ALLOY MACHINE Material STAINLESS STEEL

From	To	Slot Size	Number	Tele/pipe Diam.	Size	Casing/liner
108	118	80	___	8"PIPE	SIZE	CASING
140	147	60	___	8"PIPE	SIZE	CASING
177	186	80	___	8"PIPE	SIZE	CASING
188	192	80	___	8"PIPE	SIZE	CASING

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

Yield GPM	Draw-down	Drill stem at	Time
325	[illegible]	194	1 hr.
325	[illegible]	194	9

Temperature of water 51F Depth Artesian Flow Found ___
Was water analysis done? NO By whom _____
Reason for water not suitable for use _____
Depth of strata ___

(9) LOCATION OF WELL by legal description:
County YAMHILL Lat. ° ' " Long. ° ' "
Township 4 S Range 3 W WM.
Section 19 SE 1/4 NE 1/4
Tax Lot 1100 Lot Block Subdivision
Street Address of Well (or nearest Address)
13665 SE AMITY-DAYTON HWY DAYTON, OR

(10) STATIC WATER LEVEL:
30 ft. below land surface. Date 02/14/01
Artesian pressure ____ lb per square in. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 107

From	To	Est Flow Rate	SWL
107	147	150	30
177	192	175	30

(12) WELL LOG:
Ground elevation 160

Material		From	To	SWL
TOP SOIL		0	5	
CLAY, BROWN		5	15	
CLAY, BLUE/FIRM		15	79	
CLAY, BLUE W/SOME FINE SAND		79	89	
CLAY, GRAY/BLUE/FIRM		89	107	
SAND, FINE/MEDIUM W/FINE GRAVEL	WB	107	115	30
CLAY, W/FINE SAND		115	122	
SAND, FINE		122	123	
CLAY, BLUE		123	136	
SAND, W/BLUE CLAY		136	140	
SAND, FINE W/SOME FINE GRAVEL	WB	140	147	30
CLAY, BLUE/GRAY		147	177	
SAND, FINE TO MEDIUM W/FINE GRAVEL	WB	177	186	30
CLAY, BLUE W/FINE SAND		186	187	
CLAY, BLUE		187	188.5	
SAND, FINE TO MEDIUM, CLEAN	WB	188.5	192.5	30
CLAY, BLUE		192.5	195	

Date started 01/29/01 Completed 02/14/01

(unbor... that
the w... band-
omen... ely
well ... n
repor...

Blue Water Drilling Company
16303 SE Wallace Road
Dayton, Oregon 97114

Sig... _____

(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 1438
Signed _____ Date 02/14/01

RECEIVED
FEB 15 2001
WATER RESOURCES DEPT
SALEM, OREGON

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

YAMH 52469 (Well 3)

Well 3 is located approximately 93 feet from the property boundary with tax lot 02300, located to the south across Amity Dayton Highway. Additionally, Well 3 is located approximately 86 feet from the property boundary with tax lot 01101 to the east. Neither of these tax lots are owned by the City. The OARs require that the City own all property within 100 feet of a public water supply well excluding roadways or negotiate a perpetually restrictive easement with the adjacent property owner. OHA may issue a waiver for this 100-foot property ownership requirement if: (a) the well is completed in a confined aquifer and (b) the City attempts to obtain a perpetually restrictive easement from the property owner. The City has contacted the property owners in an attempt to negotiate a perpetually restrictive easement. The outcomes of those conversations are summarized below:

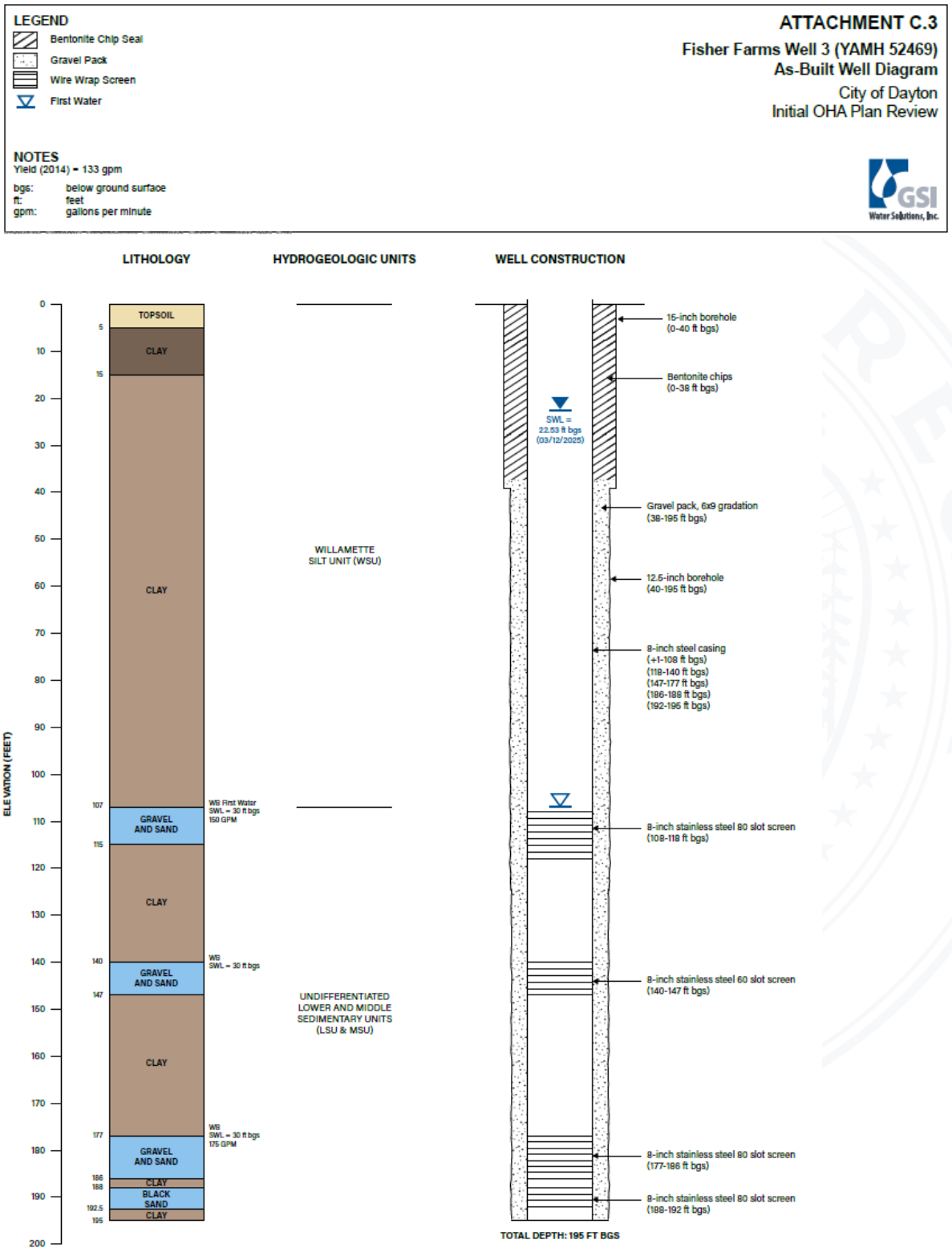
- **Tax Lot 02300.** The property owners have indicated that the tax lot is agricultural land on which they apply herbicides, pesticides, and fungicides. The owners stated that they are not amenable to restricting herbicide, pesticide, and fungicide use. The City is requesting a waiver from this setback requirement because Well 3 is completed in a confined aquifer (**Attachment B.2**). Confining conditions are evident based on the approximately 102 feet of clay that is present between the ground surface and production zone of Well 3; and the fact that the static water level in Well 3 is about 23 feet bgs [above the shallowest production zone from 107 to 105 feet bgs (**Attachment C.3**)].

GSI Water Solutions, Inc. · 2

DOCUMENTATION SUPPORTING OREGON HEALTH AUTHORITY PLAN REVIEW PROCESS – CITY OF FLORENCE WELL 14

- **Tax Lot 01101.** The City of Dayton is in the process of contacting the property owners of Tax Lot 01101.

Well 3 is also located approximately 43 feet from YAMH 52382. The well log for YAMH 52382 is an alteration log and does not contain any information on the original well seal. Therefore, YAMH 52382 is considered by OHA to be a well of unknown or suspect construction, which is within the OAR-stipulated 100-foot setback requirement for public water supply wells and wells of unknown or suspect construction. The City will arrange for YAMH 52382 to be properly decommissioned by a licensed driller before bringing Well 3 into production.


LEGEND
Bentonite Chip Seal
Gravel Pack
Wire Wrap Screen
First Water
NOTES
Yield (2014) = 133 gpm
bgs: below ground surface
ft: feet
gpm: gallons per minute
ATTACHMENT C.3
Fisher Farms Well 3 (YAMH 52469)
As-Built Well Diagram
City of Dayton
Initial OHA Plan Review
GSI Water Solutions, Inc.
LITHOLOGY
HYDROGEOLOGIC UNITS
WELL CONSTRUCTION
ELEVATION (FEET)
TOPSOIL
CLAY
CLAY
GRAVEL AND SAND
CLAY
GRAVEL AND SAND
CLAY
GRAVEL AND SAND
CLAY
BLACK SAND
CLAY
WB First Water SWL = 30 ft bgs 150 GPM
WB SWL = 30 ft bgs
WB SWL = 30 ft bgs 175 GPM
WILLAMETTE SILT UNIT (WSU)
UNDIFFERENTIATED LOWER AND MIDDLE SEDIMENTARY UNITS (LSU & MSU)
SWL = 22.53 ft bgs (03/12/2025)
15-inch borehole (0-40 ft bgs)
Bentonite chips (0-38 ft bgs)
Gravel pack, 6x9 gradation (38-195 ft bgs)
12.5-inch borehole (40-195 ft bgs)
8-inch steel casing (+1-108 ft bgs) (118-140 ft bgs) (147-177 ft bgs) (186-188 ft bgs) (192-196 ft bgs)
8-inch stainless steel 80 slot screen (108-118 ft bgs)
8-inch stainless steel 60 slot screen (140-147 ft bgs)
8-inch stainless steel 80 slot screen (177-186 ft bgs)
8-inch stainless steel 80 slot screen (188-192 ft bgs)
TOTAL DEPTH: 195 FT BGS

1989 Fisher Well #4 - YAMH5447

Link to WRD Well Map:
https://apps.wrd.state.or.us/apps/gw/well_log/wl_details.aspx?wl_id=298947

YAMH 5447 (Well 4)

Well 4 is located approximately 28 feet from an unlined flow-through conveyance ditch for stormwater that is seasonally dry. This ditch is potentially within the OAR-stipulated 100-foot setback between public water supply wells and untreated stormwater disposal sites. The City is submitting a waiver from construction standards on the grounds that Well 4 is in a confined aquifer (Attachment B.3). Confining conditions are evident based on the approximately 110 feet of clay that is present between the ground surface and production zone of Well 4; and the fact that the static water level in Well 4 is 27.91 feet bgs [above the aquifer from 115 to 157 feet bgs (Attachment C.4)]. Meeting the setback would require alteration to the stormwater drainage system served by the conveyance ditch, as previous attempts to fill it in have resulted in disruptions to the stormwater drainage system and localized flooding on nearby Lafayette Highway. These costs would be prohibitively expensive for the City.

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

YAMH 5447 YAMH 5447 4s/3w/29ac
WATER RESOURCES DEPT. (START CARD) # 12890
SALEM, OREGON

(1) OWNER: Well Number: 1085
Name SCAVINI NURSERY
Address 13665 SE AMITY-DAYTON HWY
City DAYTON State OR Zip 97114

(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 157 ft.
Explosives used ☐ Yes ☒ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Amount sacks or pounds
14" ~~12"~~	0	~~18~~	Cement	0	18	18
12"	18	~~157~~				
		157				

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other
Backfill placed from ft. to ft. Material
Gravel placed from 18 ft. to 155 ft. Size of gravel 3/8" P

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	8"	+3	157	250	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

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

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
~~102~~	157					☐	☐
117	152	1/4x6	280			☒	☐
						☐	☐
						☐	☐

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

Yield gal/min	Drawdown	Drill stem at	Time
150		154	1 hr. 10 HRS

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 YAMHILL Latitude Longitude
Township 4 ☒ N ☐ S Range 3 ☐ E ☒ W WM.
Section 29 SW ¼ NE ¼
Tax Lot Lot Block Subdivision
Street Address of Well (or nearest address)

(10) STATIC WATER LEVEL:
40 ft. below land surface. Date 9-6-89
Artesian pressure lb. per square inch. Date

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

From	To	Estimated Flow Rate	SWL
75	105	20	40
115	157	150	40

(12) WELL LOG: Ground elevation

Material	From	To	SWL
Top Soil	0	4	
Brown Clay	4	10	
Blue Clay	10	75	
" w/med. Sand	75	105	
Blue Clay	105	115	
Blue Clay w/ Coarse Sand + Fine Gravel	115	157	40

Date started 8-31-89 Completed 9-6-89

(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 Robert E. Hilb WWC Number 417 Date 9-6-89

(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 WWC Number 417 Date 9-6-89

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER 9909C.3/88

Land Use Compatibility Statement

PUBLIC HEALTH DIVISION
Drinking Water Services

Oregon Health Authority

Land Use Compatibility Statement

Certain plan review approvals for drinking water projects have been identified by the Land Conservation and Development Commission as Class B permits affecting land use. The Oregon Health Authority is therefore required by ORS 197.180, OAR 660, division 30, OAR 660, division 31, the Oregon Health Authority's approved State Agency Coordination Program, and OAR 333-061-0062 to ensure that projects defined in OAR 333-061-0062(1) conform with statewide planning goals and are compatible with city. and county comprehensive plans and land use regulations. In order to ensure such compatibility, this form or other acceptable documentation and necessary attachments must accompany each applicable set of project plans submitted to the Oregon Health Authority for review.

General Information

Project Title: City of Dayton Fisher Farms Well Improvement

Applicant: City of Dayton
Name of Water System

Type of Project: New Source
Treatment, Transmission, Storage, Distribution, New Source, etc.

Project Contact Person: Jeremy Caudle, City Manager
Engineer, Owner, etc., including title

416 Ferry Street
Mailing Address

Dayton, OR, 97114 — 503-864-2221
City, State, Zip Code — Phone

jcaudle@daytonoregon.gov
Email Address

The local government entity* having comprehensive planning authority over the site of the proposed project is:

Agency Name: Yamhill County — Phone: 503-474-3705

Address: 535 NE 5th Street, McMinnville, OR — Zip: 97128

(*If the proposed project is located within the jurisdiction of more than one planning authority, all entities must certify compatibility.)

(Continued on Back)

Complete either part A or part B.

☐ A. Land Use Compatibility Determination - Planning Authority Statement
(to be completed by local planning authority)

I certify that this project has been reviewed for compatibility with:

- The acknowledged comprehensive plan and land use regulations.
- Statewide planning goals. The goals apply because conditions described in OAR 660-31-0025(3) exist.

I find that this project (**check one**) ☐ IS compatible
☐ IS NOT compatible

Attach appropriate land use decision(s) written findings as required in ORS 215.416 (8) or (9), or 227.173 (1) or (2), or OAR 660-31-026.

Signature _____ Date _____

Print Name _____ Title _____

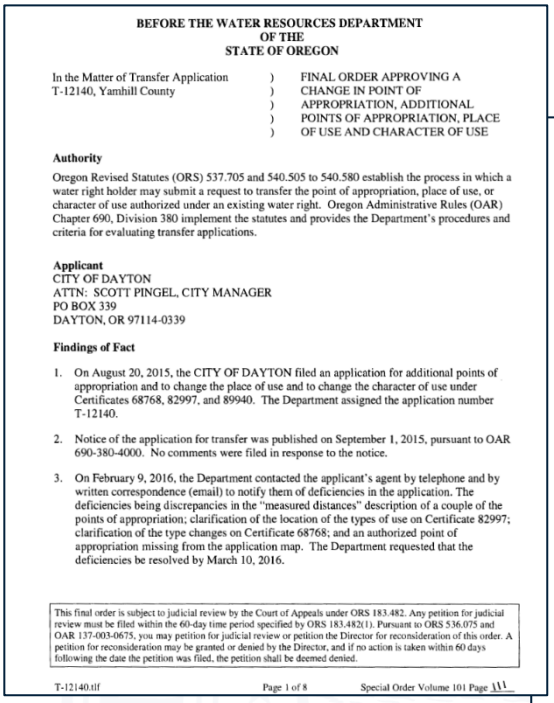
☑ B. Request for Conditional Plan Review Approval, Pending Land Use Compatibility Determination *(to be completed by applicant)*

I hereby certify that I have applied to the local government entity cited on page 1 for a determination of compatibility with the local acknowledged plan or the statewide planning goals as applicable. I hereby request that the Authority issue a conditional approval of the plans with the understanding that issuance of said approval is not a finding of compliance with the statewide planning goals or compatibility with the applicable, acknowledged comprehensive plan and land use regulations, but is conditional upon the applicant receiving a land use approval from each unit of local government. I understand that final plan review approval for this project will not be effective until and unless the Oregon Health Authority receives a signed copy of the land use approval and determines it to be complete and adequate.

Signature J Caudle Date 1/27/26

Print Name Jeremy Caudle Title City Manager

Water Right Transfer Information



BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON

In the Matter of Transfer Application T-12140, Yamhill County) FINAL ORDER APPROVING A CHANGE IN POINT OF APPROPRIATION, ADDITIONAL POINTS OF APPROPRIATION, PLACE OF USE AND CHARACTER OF USE

Authority

Oregon Revised Statutes (ORS) 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. Oregon Administrative Rules (OAR) Chapter 690, Division 380 implement the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant
CITY OF DAYTON
ATTN: SCOTT PINGEL, CITY MANAGER
PO BOX 339
DAYTON, OR 97114-0339

Findings of Fact

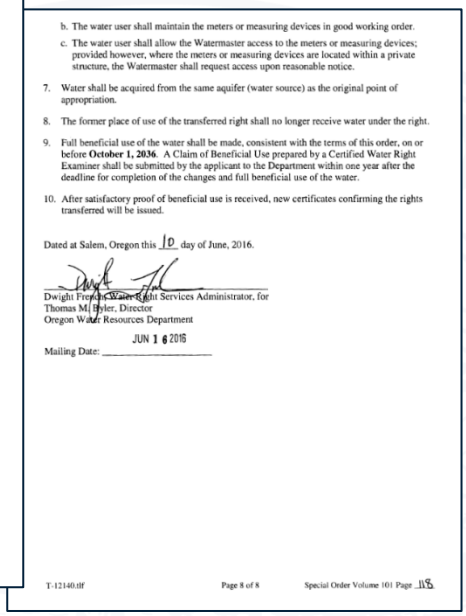
1. On August 20, 2015, the CITY OF DAYTON filed an application for additional points of appropriation and to change the place of use and to change the character of use under Certificates 68768, 82997, and 89940. The Department assigned the application number T-12140.
2. Notice of the application for transfer was published on September 1, 2015, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
3. On February 9, 2016, the Department contacted the applicant's agent by telephone and by written correspondence (email) to notify them of deficiencies in the application. The deficiencies being discrepancies in the "measured distances" description of a couple of the points of appropriation; clarification of the location of the types of use on Certificate 82997; clarification of the type changes on Certificate 68768; and an authorized point of appropriation missing from the application map. The Department requested that the deficiencies be resolved by March 10, 2016.

This final order is subject to judicial review by the Court of Appeals under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482(1). Pursuant to ORS 536.075 and OAR 137-003-0675, you may petition for judicial review or 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.

T-12140.tlf Page 1 of 8 Special Order Volume 101 Page 111

Water Rights Information

Wells No. 1, 2, 3, and 4 will be operated under transfer permits T-12140 and T-12454 issued by OWRD. Documentation of the permits are available in Attachment G.



b. The water user shall maintain the meters or measuring devices in good working order.

c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice.

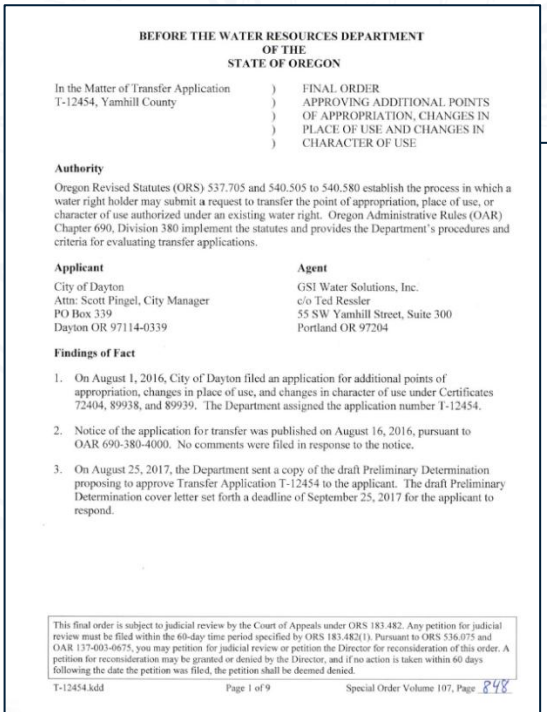
7. Water shall be acquired from the same aquifer (water source) as the original point of appropriation.
8. The former place of use of the transferred right shall no longer receive water under the right.
9. Full beneficial use of the water shall be made, consistent with the terms of this order, on or before **October 1, 2036**. A Claim of Beneficial Use prepared by a Certified Water Right Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
10. After satisfactory proof of beneficial use is received, new certificates confirming the rights transferred will be issued.

Dated at Salem, Oregon this 10 day of June, 2016.

Dwight French, Water Right Services Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

Mailing Date: JUN 16 2016

T-12140.tlf Page 8 of 8 Special Order Volume 101 Page 118



BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON

In the Matter of Transfer Application T-12454, Yamhill County) FINAL ORDER APPROVING ADDITIONAL POINTS OF APPROPRIATION, CHANGES IN PLACE OF USE AND CHANGES IN CHARACTER OF USE

Authority

Oregon Revised Statutes (ORS) 537.705 and 540.505 to 540.580 establish the process in which a water right holder may submit a request to transfer the point of appropriation, place of use, or character of use authorized under an existing water right. Oregon Administrative Rules (OAR) Chapter 690, Division 380 implement the statutes and provides the Department's procedures and criteria for evaluating transfer applications.

Applicant
City of Dayton
Attn: Scott Pingel, City Manager
PO Box 339
Dayton OR 97114-0339

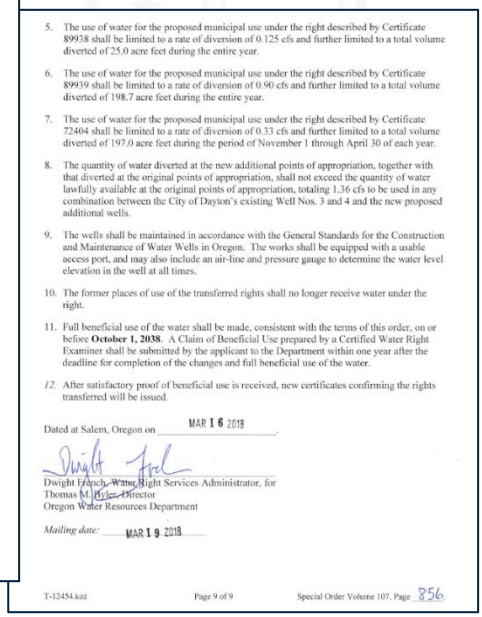
Agent
GSI Water Solutions, Inc.
c/o Ted Ressler
55 SW Yamhill Street, Suite 300
Portland OR 97204

Findings of Fact

1. On August 1, 2016, City of Dayton filed an application for additional points of appropriation, changes in place of use, and changes in character of use under Certificates 72404, 89938, and 89939. The Department assigned the application number T-12454.
2. Notice of the application for transfer was published on August 16, 2016, pursuant to OAR 690-380-4000. No comments were filed in response to the notice.
3. On August 25, 2017, the Department sent a copy of the draft Preliminary Determination proposing to approve Transfer Application T-12454 to the applicant. The draft Preliminary Determination cover letter set forth a deadline of September 25, 2017 for the applicant to respond.

This final order is subject to judicial review by the Court of Appeals under ORS 183.482. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.482(1). Pursuant to ORS 536.075 and OAR 137-003-0675, you may petition for judicial review or 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.

T-12454.kdd Page 1 of 9 Special Order Volume 107, Page 848



5. The use of water for the proposed municipal use under the right described by Certificate 89938 shall be limited to a rate of diversion of 0.125 cfs and further limited to a total volume diverted of 25.0 acre feet during the entire year.
6. The use of water for the proposed municipal use under the right described by Certificate 89939 shall be limited to a rate of diversion of 0.90 cfs and further limited to a total volume diverted of 198.7 acre feet during the entire year.
7. The use of water for the proposed municipal use under the right described by Certificate 72404 shall be limited to a rate of diversion of 0.33 cfs and further limited to a total volume diverted of 197.0 acre feet during the period of November 1 through April 30 of each year.
8. The quantity of water diverted at the new additional points 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, totaling 1.36 cfs to be used in any combination between the City of Dayton's existing Well Nos. 3 and 4 and the new proposed additional wells.
9. 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 to determine the water level elevation in the well at all times.
10. The former places of use of the transferred rights shall no longer receive water under the right.
11. Full beneficial use of the water shall be made, consistent with the terms of this order, on or before **October 1, 2038**. A Claim of Beneficial Use prepared by a Certified Water Right Examiner shall be submitted by the applicant to the Department within one year after the deadline for completion of the changes and full beneficial use of the water.
12. After satisfactory proof of beneficial use is received, new certificates confirming the rights transferred will be issued.

Dated at Salem, Oregon on MAR 16 2018

Dwight French, Water Right Services Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

Mailing date: MAR 19 2018

T-12454.kdd Page 9 of 9 Special Order Volume 107, Page 856