



Source Water Assessment Update

To: Riverbend-Riverbank Community

Robert Smethers
461 Hebb Park Rd
Westlin, OR 97068

Date: December 28, 2020

Re: Source Water Assessment Update: PWS # 4100458 - Riverbend-Riverbank Community

Dear Riverbend-Riverbank Community,

The Drinking Water Protection staff of the Oregon Health Authority (OHA) and the Oregon Department of Environmental Quality (DEQ) are pleased to provide Riverbend-Riverbank Community and their customers supplemental Source Water Assessment (SWA) information to help your water system develop strategies to reduce drinking water contamination risk. OHA and DEQ staff used advanced mapping tools and databases to identify current land use practices and potential contaminant sources within the mapped Drinking Water Source Area(s). This Update also contains resources to help your water system identify and implement contamination risk-reduction strategies. OHA staff assembled these materials after a review of potential contaminant sources within your water system's Drinking Water Source Area(s) and with input on risks of greatest concern to the Riverbend-Riverbank Community.

Below are what we believe to be higher priority potential contaminant sources based on that review:

- Homesteads - Rural - Machine Shops/Equip Maintenance
- Large Capacity Septic Systems - Class V UIC (serves >20)
- UST - Confirmed Leaking Tanks - DEQ LUST List

Management strategies for reducing risks associated with each of these potential contaminant sources are listed in the table immediately following this letter.

These include strategies that can be put to use right away. Grant funds are available to help pay for these and other types of drinking water protection activities. See Business Oregon - IFA in Appendix 4 for more information.

This report also contains:

CC: Electronic Source Water Assessment file, Springfield

DWS Staff,
OHA Drinking Water Services

Sincerely,

(541-726-2587).

assistance regarding drinking water source protection, please contact Tom Pattee at OHA

<http://www.oregon.gov/deg/wq/programs/Pages/DWP-Source.aspx>. For additional

Oregon Public Water Systems and other valuable resources are available at:

To further support protection efforts, a statewide Groundwater Resource Guide for

one was not previously completed.

the Riverbend-Riverbank Community's original SWA report or to request a new report if

susceptibility to potential contaminant sources. Contact OHA at 541-726-2587 to receive

information characterizing well/spring construction, drinking water source areas, and

OHA and DEQ. Original Source Water Assessment reports contain additional

Water Assessment report for your system completed between 1998 and 2005 by

drinking water source protection or (if available) in conjunction with the Source

Your water system and customers can use this report as a stand-alone document for

- Appendix 4, funding sources and free or low-cost technical assistance.
 - Appendix 3, a resource list for water quality, including links to fact sheets;
 - Appendix 2, notes and a key to the maps and potential contaminant source inventory table;
 - Appendix 1, a guide for developing and implementing source water protection strategies;
- The appendices include the following drinking water source protection resources:

contaminant sources for risk-reduction strategies.

- A zoomed in aerial photo basemap of Riverbend-Riverbank Community's Drinking Water Source Area(s).
- A map showing land ownership/use and potential contaminant sources within Riverbend-Riverbank Community's source area(s). We encourage Riverbend-Riverbank Community to use this map to identify nearby land use authorities and associated potential contaminant sources because few public water systems have legal jurisdiction over their entire Drinking Water Source Area(s).
- An inventory table listing the potential contaminant sources identified inside Riverbend-Riverbank Community's Drinking Water Source Area(s). Using this table in conjunction with the maps will help identify additional potential contaminant sources for risk-reduction strategies.

Risk Reduction Strategies for Potential Contaminant Sources in Riverbend-Riverbank Community's Drinking Water Source Areas

PLEASE NOTE: The Internet URL Addresses listed in this document were included as a convenience for the users of this document. All URL Addresses were functional at the time this publication was last updated (September 2019). Active links for many of the resources are located at <https://www.oregon.gov/deq/FilterDocs/dwpGWBPrinciples.pdf>. Additional resources can also be found at <https://www.oregon.gov/deq/wq/programs/Pages/DWP-Pubs.aspx> see "Summary of Technical Assistance Resources". Contact Drinking Water Protection Staff (listed at <https://www.oregon.gov/deq/wq/programs/Pages/DWP.aspx>) with questions or for assistance with any potential sources of contamination not identified in this document.



Oregon Health
Department of Health

Potential Pollutant Type

Potential Pollutant Type	Potential Impact	Pollutant Reduction and Outreach Ideas
Residential lands – private urban or private rural homes	Spills, leaks, or improper handling of chemicals, fuels, wastewater, and other materials may impact drinking water, pesticides or fertilizers may impact drinking water	Provide information to residents within your drinking water source area. See Example letter - http://www.oregon.gov/deq/FilterDocs/dwpExampleLetterToResidents.docx . Outreach can be done through local media or via utility bills. Send (or refer to) relevant fact sheets and web resources from list below. Fact Sheets/Resources DEQ DWP website for Residential/Rural Land Uses (under Management Strategies by Land Use): http://www.oregon.gov/DEQ/wq/programs/Pages/DWP-Source.aspx Groundwater Basics: https://www.oregon.gov/deq/FilterDocs/dwpGWBasics.pdf Healthy Lawn, Healthy Environment https://www.epa.gov/sites/production/files/2014-04/documents/healthy_lawn_healthy_environment.pdf What is Household Hazardous Waste? http://www.oregon.gov/deq/FilterDocs/MHSHHW.pdf Household Hazardous Waste Program http://www.oregon.gov/DEQ/Hazards-and-Cleanup/tw/Pages/hw.aspx Household Pharmaceutical Waste Disposal: http://www.oregon.gov/deq/FilterDocs/HouseholdPharmaceuticalWasteDisposal.pdf Groundwater Friendly Gardening Tips: http://wellwater.engr.oregonstate.edu/groundwater-friendly-gardening Stormwater runoff from residential lands: http://www.oregon.gov/deq/FilterDocs/EPA_SWP_PracticesBulletin_StormWater.pdf Additional measures may include: u Establish ongoing educational program on household hazardous waste and proper disposal of pharmaceuticals, lawn and landscaping, septic system maintenance.

Underground storage tanks (USTs)	Existing or historic contamination from spills, leaks, or improper handling of stored materials may impact the drinking	
		* Notify owner or manager of their location within your drinking water source area. Share technical information about protecting drinking water resources and basic groundwater principles: http://www.oregon.gov/deq/wq/programs/Pages/DWPAssessments.aspx https://www.oregon.gov/deq/FilterDocs/dwpGWBasics.pdf

Pollutant Type	Potential Impact	Pollutant Reduction and Outreach Ideas
Large capacity onsite septic systems (serves > 20 people)	If not properly sited, designed, installed, and maintained, septic systems can impact groundwater and drinking water	• In addition to general Residential/Municipal Fact Sheets, send "Managing Septic Systems to Prevent Contamination of Drinking Water" http://www.oregon.gov/deq/FilterDocs/EPA5WPPPracticesBulletin_SepticSystems.pdf • Verify UIC registration and on-site permit with DEQ • Get notification from DEQ on permit modifications • Upgrade septic systems and establish an ongoing septic system maintenance program • DEQ On-site permitting http://www.oregon.gov/DEQ/Residential/Pages/Onsite.aspx • If applicable, ongoing education program for residents or businesses on household hazardous waste and proper disposal of pharmaceuticals. • Household Hazardous Waste Program http://www.oregon.gov/DEQ/Hazards-and-Cleanup/hw/Pages/hw.aspx • Household Pharmaceutical Waste Disposal http://www.oregon.gov/deq/FilterDocs/HouseholdPharmaceuticalWasteDisposal.pdf
Stormwater runoff - focusing on high density housing (> 1 House/0.5 acre) but also includes commercial, industrial, and municipal areas.	Improper use, storage, and disposal of household chemicals may impact the drinking water supply; stormwater run-off or infiltration may carry contaminants to drinking water supply	• DEQ's Underground Storage Tank Program http://www.oregon.gov/DEQ/tanks/Pages/default.aspx • EPA info on managing Underground Storage Tanks: https://www.oregon.gov/deq/FilterDocs/EPA5WPPPracticesBulletin_US_Ts.pdf • For Active Registered Tanks: Verify permit status at http://www.oregon.gov/DEQ/tanks/Pages/Tank-Lists.aspx • Contact DEQ Tanks program with questions. Ensure pre-treatment for stormwater runoff and best management practices for stormwater are in place. • For Leaking USTs, verify status at https://www.oregon.gov/deq/tanks/Pages/Tank-Lists.aspx. Contact DEQ Tanks program at Underground Storage Tanks Helpline, 1-800-742-7878, 503-229-6652, tanks.info@deq.state.or.us or Drinking Water Protection staff (Julie Harvey, DEQ, 503-229-5664) for assistance in verifying that cleanup is protective of drinking water. • For non-regulated tanks (<1,100 gals or large heating oil tanks) also send: http://www.oregon.gov/deq/tanks/Pages/Hot.aspx • Frequently Asked Questions About Heating Oil Tanks http://www.oregon.gov/deq/tanks/Pages/Hot.aspx • In addition to general Residential/Municipal Fact Sheets, send "Managing Septic Systems to Prevent Contamination of Drinking Water" http://www.oregon.gov/deq/FilterDocs/EPA5WPPPracticesBulletin_SepticSystems.pdf • Verify UIC registration and on-site permit with DEQ • Get notification from DEQ on permit modifications • Upgrade septic systems and establish an ongoing septic system maintenance program • DEQ On-site permitting http://www.oregon.gov/DEQ/Residential/Pages/Onsite.aspx • If applicable, ongoing education program for residents or businesses on household hazardous waste and proper disposal of pharmaceuticals. • Household Hazardous Waste Program http://www.oregon.gov/DEQ/Hazards-and-Cleanup/hw/Pages/hw.aspx • Household Pharmaceutical Waste Disposal http://www.oregon.gov/deq/FilterDocs/HouseholdPharmaceuticalWasteDisposal.pdf
Stormwater runoff - focusing on high density housing (> 1 House/0.5 acre) but also includes commercial, industrial, and municipal areas.	Improper use, storage, and disposal of household chemicals may impact the drinking water supply; stormwater run-off or infiltration may carry contaminants to drinking water supply	• DEQ's Underground Storage Tank Program http://www.oregon.gov/DEQ/tanks/Pages/default.aspx • EPA info on managing Underground Storage Tanks: https://www.oregon.gov/deq/FilterDocs/EPA5WPPPracticesBulletin_US_Ts.pdf • For Active Registered Tanks: Verify permit status at http://www.oregon.gov/DEQ/tanks/Pages/Tank-Lists.aspx • Contact DEQ Tanks program with questions. Ensure pre-treatment for stormwater runoff and best management practices for stormwater are in place. • For Leaking USTs, verify status at https://www.oregon.gov/deq/tanks/Pages/Tank-Lists.aspx. Contact DEQ Tanks program at Underground Storage Tanks Helpline, 1-800-742-7878, 503-229-6652, tanks.info@deq.state.or.us or Drinking Water Protection staff (Julie Harvey, DEQ, 503-229-5664) for assistance in verifying that cleanup is protective of drinking water. • For non-regulated tanks (<1,100 gals or large heating oil tanks) also send: http://www.oregon.gov/deq/tanks/Pages/Hot.aspx • Frequently Asked Questions About Heating Oil Tanks http://www.oregon.gov/deq/tanks/Pages/Hot.aspx • In addition to general Residential/Municipal Fact Sheets, send "Managing Septic Systems to Prevent Contamination of Drinking Water" http://www.oregon.gov/deq/FilterDocs/EPA5WPPPracticesBulletin_SepticSystems.pdf • Verify UIC registration and on-site permit with DEQ • Get notification from DEQ on permit modifications • Upgrade septic systems and establish an ongoing septic system maintenance program • DEQ On-site permitting http://www.oregon.gov/DEQ/Residential/Pages/Onsite.aspx • If applicable, ongoing education program for residents or businesses on household hazardous waste and proper disposal of pharmaceuticals. • Household Hazardous Waste Program http://www.oregon.gov/DEQ/Hazards-and-Cleanup/hw/Pages/hw.aspx • Household Pharmaceutical Waste Disposal http://www.oregon.gov/deq/FilterDocs/HouseholdPharmaceuticalWasteDisposal.pdf

Potential Pollutant Type	Pollutant Reduction and Outreach Ideas
Potential Impact	Quality Model Code and Guidebook o Send applicable information from list below: Fact Sheets/Resources UIC Fact Sheets and Guidance http://www.oregon.gov/deq/wq/wqpermits/Pages/UIC-Guidance.aspx "Managing Stormwater to Prevent Contamination of Drinking Water" http://www.oregon.gov/deq/FilterDocs/EPASWPPPracticesBulletin_StormWater.pdf "Managing Household Pharmaceutical Waste" https://www.oregon.gov/deq/FilterDocs/HouseholdPharmaceuticalWasteDisposal.pdf "Water Quality Model Code and Guidebook" https://www.oregon.gov/deq/FilterDocs/WQModelCodeGuidebook.pdf "Portland's Stormwater Management Manual" https://www.portlandoregon.gov/bes/64040 "Best Management Practices (BMPs) for washing vehicles" http://www.oregon.gov/deq/FilterDocs/EPASWPPPracticesBulletin_VehicleWashing.pdf "Managing Pet and Wildlife Waste to Prevent Contamination of Drinking Water" http://www.oregon.gov/deq/FilterDocs/EPASWPPPracticesBulletin_PetWaste.pdf "Disposal of Chlorinated Water from Swimming Pools and Hot Tubs" https://www.oregon.gov/deq/FilterDocs/bmpchiorwaterdisp.pdf "Household Hazardous Waste Program" http://www.oregon.gov/DEQ/Hazards-and-Cleanup/hw.aspx "Underground Injection Control (UIC) Program (see Stormwater tab):" http://www.oregon.gov/DEQ/wq/permits/Pages/UIC.aspx "Healthy Lawn, Healthy Environment" https://www.epa.gov/sites/production/files/2014-04/documents/healthy_lawn_healthy_environment.pdf In addition to resources listed for the categories Residential Lands - private rural homes and Commercial/Industrial, share relevant information from list below: Fact Sheets/Resources DEQ Septic Smart Program web-site: http://www.oregon.gov/DEQ/Residential/Pages/Septic-Smart.aspx "Septic Smart for Homeowners - brochure" http://www.oregon.gov/deq/FilterDocs/septicowner.pdf "Managing Septic Systems to Prevent Contamination of Drinking Water" http://www.oregon.gov/deq/FilterDocs/EPASWPPPracticesBulletin_SepticSystems.pdf "Managing Household Pharmaceutical Waste" https://www.oregon.gov/deq/FilterDocs/HouseholdPharmaceuticalWasteDisposal.pdf Additional measures may include: o Make "Septic Smart for Homebuyers" available at local permitting counter or to local realtors: https://www.oregon.gov/deq/FilterDocs/septicbuyer.pdf o Develop ongoing education program on septic system operation, maintenance and upgrades
Septic systems - residential, farm, commercial on-site systems	If not properly sited, designed, installed, and maintained, septic systems can impact drinking water, use of drain cleaners and dumping household hazardous wastes or pharmaceuticals can result in groundwater contamination; for higher-density septic, cumulative effects of multiple systems in an area may impact drinking water supply

Pollutant Type	Potential Impact	Pollutant Reduction and Outreach Ideas
Wells (private domestic, municipal, commercial, industrial, irrigation, or unused wells)	Improperly installed or maintained wells and abandoned (unused) wells may provide a direct conduit for contamination to groundwater and drinking water source	Consider grants to partially fund inspection/repair program - Refer local homeowners and small businesses to Oregon Onsite loan program that can help with septic system costs: - http://www.oregon.gov/deg/Residential/Pages/Onsite-Loans.aspx - Notify well owners of closure requirements for unused wells and construction requirements for active wells. - Ensure local cross-connection program protects public water supply. - Offer educational programs to residential well owners on proper maintenance and drinking water protection. - Provide financial incentives for permanent well abandonment according to the Water Resources Department's (WRD) Water Well Owners Handbook (Provided well construction is adequate, temporary abandonment will be protective of groundwater—contact WRD Staff for assistance, and provide a well log.) - Verify proper well abandonment - Adopt local ordinance or internal procedures to ensure compliance with WRD well abandonment requirements prior to development - Share applicable information from list below: Fact Sheets/Resources - Domestic Well Safety Program Oregon Health Authority - http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/SourceWater/DomesticWellSafety/Pages/index.aspx - Groundwater Basics: - http://www.oregon.gov/deg/FilterDocs/dwpGWBasics.pdf - Water Well Owners Handbook & other related guidance documents (WRD): - https://www.oregon.gov/OWRD/programs/GWWLMCC/Pages/default.aspx - Groundwater Friendly Gardening Tips: - http://wellwater.engr.oregonstate.edu/groundwater-friendly-gardening - Determine degree and type of chemicals used for lawns and landscaping maintenance. - Work with landowners or operators to minimize or eliminate pesticide and fertilizer application. - Provide training/workshops to park staff on water quality protection. - Use products that are environmentally friendly. - Minimize irrigation, or use water efficient irrigation. - Ensure pesticides are handled and stored safely. - Ensure that a spill response plan is in place, a spill kit is available and employees are trained annually in spill response. - For golf courses, distribute Integrated Pest Management (IPM) information, and info on certifications for sustainable practices, such as https://auduboninternational.org/acsp-for-golf/ or https://www.oregonwater.org/action/community/green-sites.html Fact Sheets/Resources - Healthy Lawn, Healthy Environment - https://www.epa.gov/sites/production/files/2014-04/documents/healthy_lawn_healthy_environment.pdf - EPA Source Water Protection Practice Bulletin: - http://www.oregon.gov/deg/FilterDocs/EPA_SWP_PracticeBulletin_PesticidesSmallScale.pdf - Managing Small-Scale Application of Pesticides - http://www.oregon.gov/deg/FilterDocs/EPA_SWP_PracticeBulletin_PesticidesSmallScale.pdf - Managing Turfgrass and Garden Fertilizer Applications - http://www.oregon.gov/deg/FilterDocs/EPA_SWP_PracticeBulletin_Turf
Golf courses, parks, lawn care (any highly maintained areas)	Over-application or improper handling of pesticides/fertilizers may impact drinking water. Excessive irrigation may cause transport of contaminants through runoff and infiltration	Fact Sheets/Resources - Healthy Lawn, Healthy Environment - https://www.epa.gov/sites/production/files/2014-04/documents/healthy_lawn_healthy_environment.pdf - EPA Source Water Protection Practice Bulletin: - http://www.oregon.gov/deg/FilterDocs/EPA_SWP_PracticeBulletin_PesticidesSmallScale.pdf - Managing Small-Scale Application of Pesticides - http://www.oregon.gov/deg/FilterDocs/EPA_SWP_PracticeBulletin_PesticidesSmallScale.pdf - Managing Turfgrass and Garden Fertilizer Applications - http://www.oregon.gov/deg/FilterDocs/EPA_SWP_PracticeBulletin_Turf

Potential Pollutant Type	Potential Impact	Pollutant Reduction and Outreach Ideas
		grassGarden.pdf - Managing Small Quantity Chemical Use: http://www.oregon.gov/deq/FilterDocs/EPA5WPPracticesBulletin_Che mUseSmallQ.pdf https://www.oregon.gov/deq/FilterDocs/dwpGWBasics.pdf Integrated Pest Management Info for Golf Courses: http://www.greengolfusa.com/itko-index.php Integrated Pest Management website (OSU): http://npic.orel.edu/pest/imp.html

Figures List:

Key to Figures¹

Figure 1: Drinking Water Source Area and Vicinity Map²

Figure 2: Drinking Water Source Area Map³

Figure 3: Drinking Water Source Area with Land Ownership/Use and Potential Sources of Contaminants Map⁴

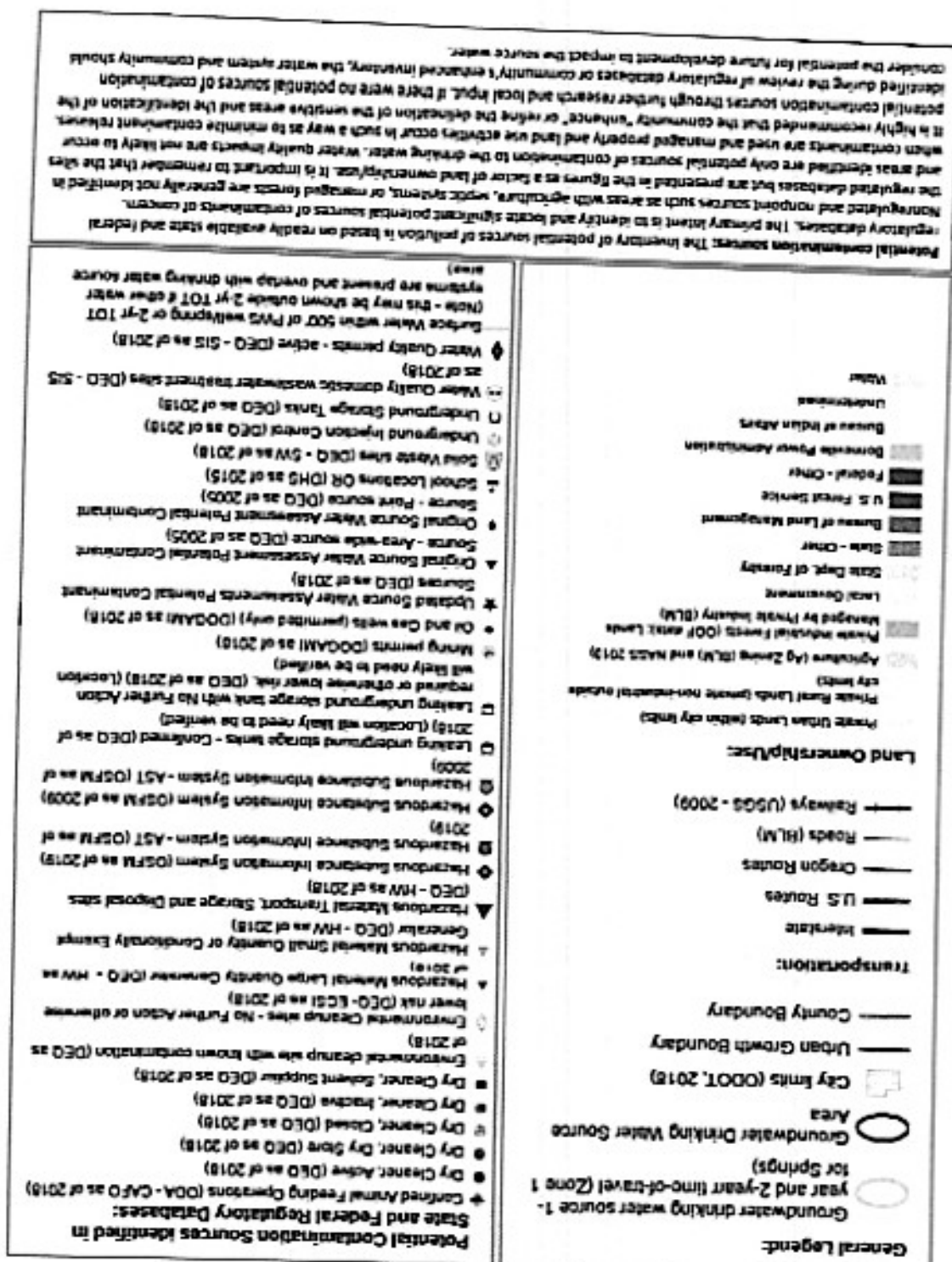
¹The Key provides legend symbols for the accompanying Figures. More detailed information regarding the Key is also provided in Appendix 2.

²The purpose of Figure 1, the Drinking Water Source Area and Vicinity Map, is to show other nearby water systems that may be addressing similar concerns with potential contaminant sources. It is often advantageous for water systems with similar concerns to work together when addressing those concerns.

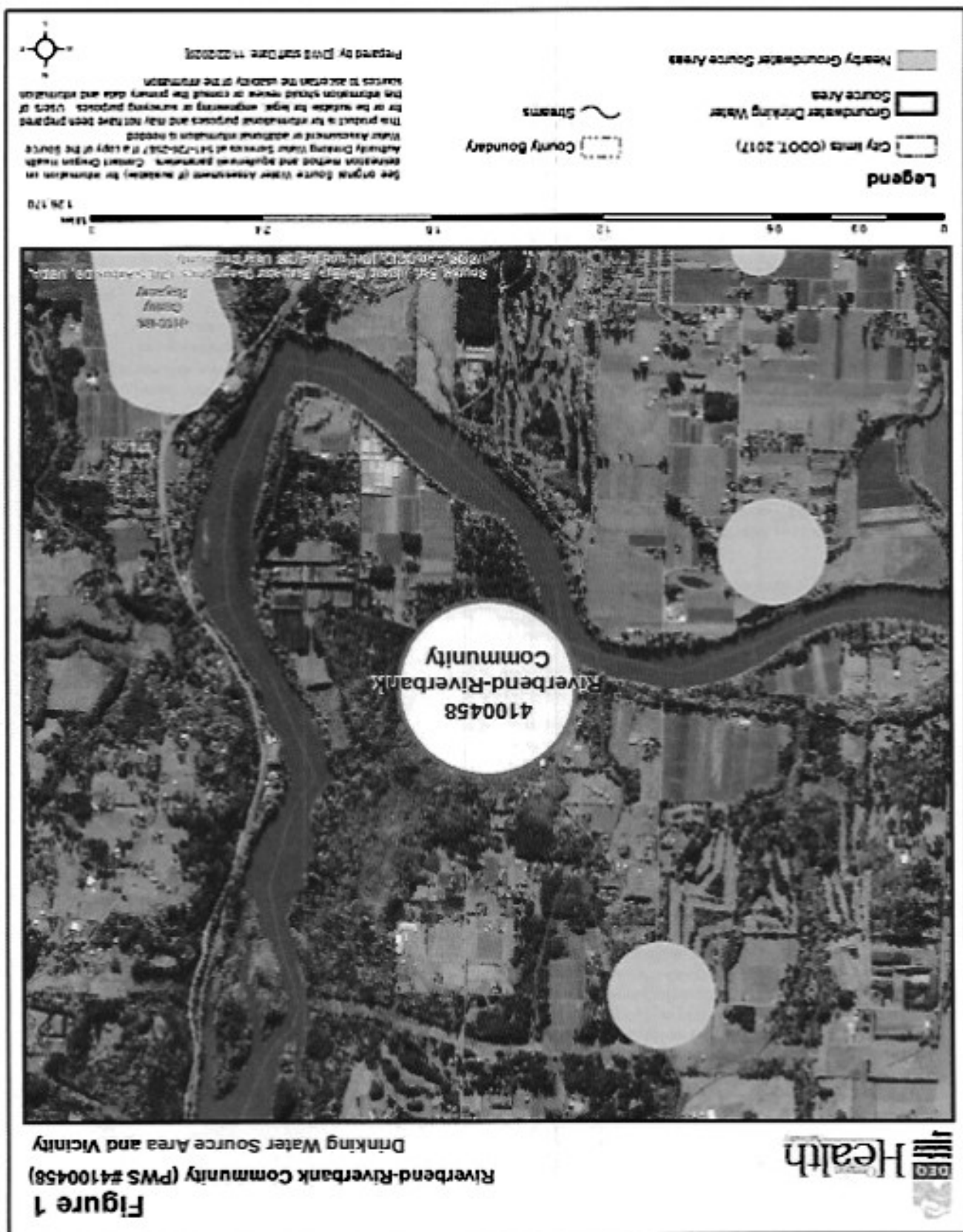
³The purpose of Figure 2, the Drinking Water Source Area Map, is to show an up close map of the drinking water source area for the water system overlain on an aerial photo. The aerial photo can be used to help identify general land use practices such as agriculture, forestry, residential, and/or commercial/industrial areas.

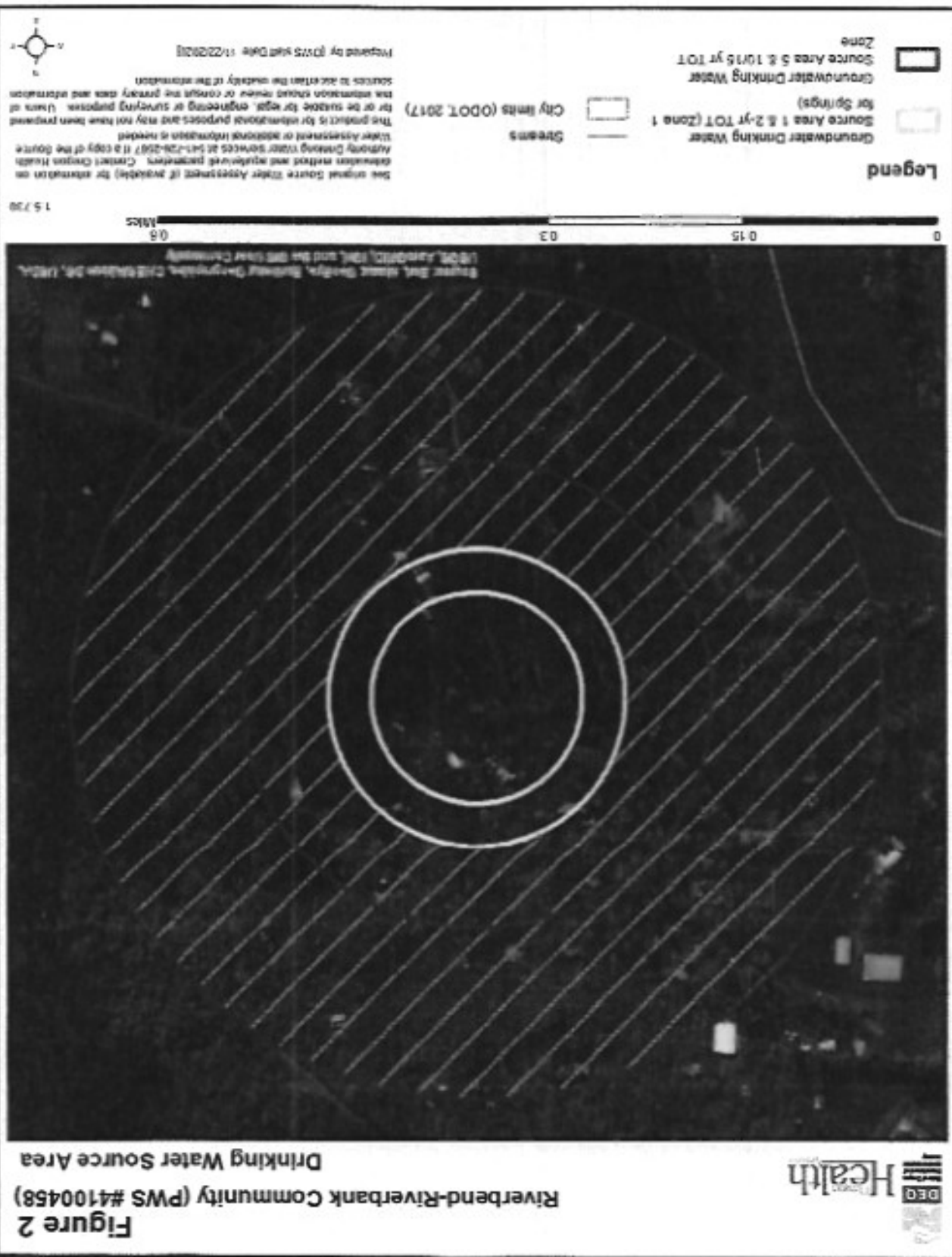
⁴The purpose of Figure 3, Drinking Water Source Area with Land Ownership/Use and Potential Sources of Contaminants Map, is to show the location of potential contaminant sources and land ownership/use within the drinking water source area. Many water systems do not own or have management authority over large portions of their mapped drinking water source area. Therefore, when considering effective drinking water protection measures, it is advantageous to work with private land owners and/or agencies that are responsible for managing land use practices within the drinking water source area.

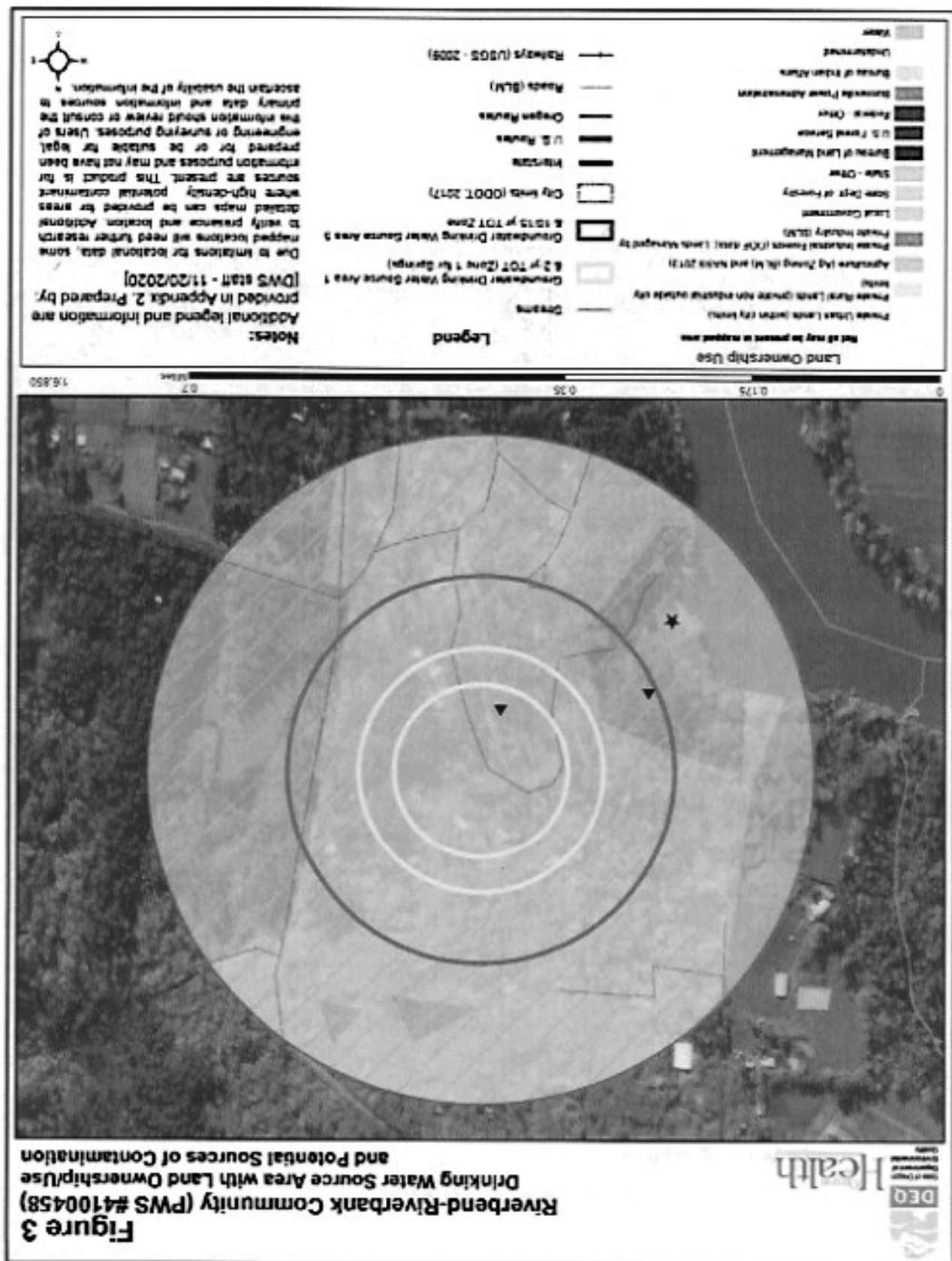
Additional Drinking Water Source Area Maps with more detail or other mapped features are also available upon request by contacting OHA (541-726-2587). Detailed or expanded maps may be especially useful in areas where a high density of potential contaminant sources are present.



Key to Figures
Source Water Assessment Update
 For public water systems using groundwater







Land Use / Ownership		
Owner Type	Area (sq. mi.)	% of Drinking Water Source Area
Total GW Area (sq. mi.)	0.307	
Agricultural	0.022	7.2 %
Local Government	0.071	23.1 %
Private Rural	0.205	66.8 %
Other (includes Water)	0.009	2.9 %

PWS ID	PWS Name	Subbasin	Population Served	County Served
4100458	Riverbend-Riverbank Community	Middle Willamette	225	Clackamas

Table 1. Public Drinking Water System Land Use Summary
 See Appendix 2, for a Key to Tables for Notes and Descriptions of Acronyms.
 The data on land uses is only approximate due to limitations within the GIS layers.
 Public water systems and communities could use tax lot data available from the counties
 or other datasets to further refine the analysis if higher accuracy is needed.

Summary of Regulatory Database Results - State and Federal - see Table 3 for detailed list			
DEQ PCS Code (1)	Potential Contaminant Source (PCS) Type	GW Risk (2)	Count (3)
Class: Commercial/Industrial			
C20	Parking Lots/Malls - > 50 Spaces	H	1
Class: Residential/Municipal			
R13	Parks	M	1
Class: Miscellaneous			
M08	Homesteads - Rural - Machine Shops/Equip Maintenance	H	1
M09	Homesteads - Rural - Septic Systems < 1/Acre	L	1
M14	River Recreation - Heavy Use (Inc. Campgrounds)	L	1
M23	UST - Confirmed Leaking Tanks - DEQ LUST List	H	1
M30	Wells - Residential/Commercial/Industrial	H	1
M31	Large Capacity Septic Systems - Class V UIC (serves >20)	H	1

PWS ID	PWS Name	Subbasin	Population Served	County Served
4100458	Riverbend-Riverbank Community	Middle Williamette	225	Clackamas

Notes:

¹ DEQ PCS Code is an internal code for grouping types of potential contaminant sources.

² GW Risk is the relative risk from the potential source(s) that could, if improperly managed, impact the groundwater quality.

³ This summary includes potential contaminant sources identified in readily available state and federal regulatory databases, which may include point and nonpoint potential sources identified in the original Source Water Assessment (written between 1998 and 2005) that included a watershed survey of the watershed. There may be some duplication of counts where sites were identified more than once. Because of state database limitations, some sites will require further research to verify presence and location.

See Appendix 2 for a Key to Tables for Notes and Descriptions of Acronyms.
See Table 3 for a detailed list of potential contaminant sources including those identified in Table 2.

Table 2. Summary of potential contaminant sources in the Drinking Water Source Area(s)

Table 3. Inventory of potential contaminant sources in the Drinking Water Source Area(s) as identified in readily accessible state and federal databases and GIS layers
See Appendix 2 for a Key to Tables for Notes and Descriptions of Acronyms.
For public water systems with more than one groundwater source, additional detailed summaries can be provided for individual wells upon request.

Notes:

- * This information supplements the original Source Water Assessment inventory (compiled between 1998 and 2005) and should be used in conjunction with the original inventory to provide a more detailed analysis of potential contaminant sources.
- * Note that because of limitations for locational data in state databases, some locations will need further research to verify presence and location.
- * There may be some duplication where sites are identified in multiple regulatory databases or in both the original and updated Source Water Assessments.
- ¹ Site ID includes the regulatory database name and the facility identifier from the program's database.
- ² PCS Type includes DEQ internal code for sorting and grouping types of potential contaminant sources.
- ³ GW Risk is the relative risk for potential sources that could, if improperly managed, impact the groundwater quality.

PWS ID	PWS Name	Subbasin	Population Served	County Served
4100458	Riverbend-Riverbank Community	Middle Williamette	225	Clackamas

Regulatory Database Results- State and Federal						
Site ID (1)	Status	Common Name	Location	Data Source	PCS Type (2)	GW Risk (3)
Class: All Regulatory Database Results						
LUST- 03-07-1763	REPORTED	Heating Oil Tank	451 SW HEBB PARK RD, Clackamas	DEQ/LUST 10/31/2018	M23 : UST - Confirmed Leaking Tanks - DEQ LUST List	H
Class: DEQ/OHA-USWA 2016-2019						
DEQ/OHA-USWA 2016-2019 20861	C20-Parking Lots/Malls - > 50 Spaces	Parking lot at Hebb Park boat launch	Next to river at the end of SW Hebb Park Rd, West Lin, Clackamas	DEQ/OHA-USWA 2016-2019	C20 : Parking Lots/Malls - > 50 Spaces	H
Class: Previously identified in 2000-2005 Source Water Assessment (PWS should verify presence, potential risk and location)						

Regulatory Database Results- State and Federal

Site ID (1)	Status	Common Name	Location	Data Source	PCS Type (2)	GW Risk (3)
DWP-PCS - 6951	M14 - River Recreation - Heavy Use (inc. Campgrounds)	Hebb Memorial Park	N side of Williamette River, West Linn, Clackamas	DEQ/OHA SWA 2000 - 2005	M14 : River Recreation - Heavy Use (inc. Campgrounds)	L
DWP-PCS - 6951	M31 - Large Capacity Septic Systems -Class V UIC (serves >20)	Hebb Memorial Park	N side of Williamette River, West Linn, Clackamas	DEQ/OHA SWA 2000 - 2005	M31 : Large Capacity Septic Systems -Class V UIC (serves >20)	H
DWP-PCS - 6951	R13 - Parks	Hebb Memorial Park	N side of Williamette River, West Linn, Clackamas	DEQ/OHA SWA 2000 - 2005	R13 : Parks	M
DWP-PCS - 6950	M08 - Homesteads - Rural - Machine Shops/Equip Maintenance	Riverbend Community	Surrounding wellheads, West Linn, Clackamas	DEQ/OHA SWA 2000 - 2005	M08 : Homesteads - Rural - Machine Shops/Equip Maintenance	H
DWP-PCS - 6950	M09 - Homesteads - Rural - Septic Systems < 1/Acre	Riverbend Community	Surrounding wellheads, West Linn, Clackamas	DEQ/OHA SWA 2000 - 2005	M09 : Homesteads - Rural - Septic Systems < 1/Acre	L
DWP-PCS - 6950	M30 - Wells - Residential/Commercial/Industrial	Riverbend Community	Surrounding wellheads, West Linn, Clackamas	DEQ/OHA SWA 2000 - 2005	M30 : Wells - Residential/Commercial/Industrial	H