

NPDES MS4 Discharge Permit Annual Report For Clackamas Water Environment Services and the Cities of Happy Valley and Rivergrove

July 1, 2021 – June 30, 2022

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December 1, 2022

Clackamas Water Environment Services and the Cities of Happy Valley and Rivergrove

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) DISCHARGE PERMIT No. 101348

We, the undersigned, hereby submit this National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater System Annual Report in accordance with NPDES Permit Number 101348. We certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Gregory L. Geist, Director Clackamas Water Environment Services

Nov 28, 2022

Date

Jason Tuck Jason Tuck (Nov 28, 2022 08:05 PST)

Jason Tuck, City Manager City of Happy Valley Nov 28, 2022

Date

Heather L. Kibbey City Manager / City Recorder City of Rivergrove

L.Kibber Mrs 25,2022 Date

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SECTION 1 MS4 PERMIT REQUIREMENTS FOR ANNUAL REPORTING

This annual report provides a summary of MS4 Permit program implementation activities by Clackamas Water Environment Services (WES) and the Cities of Rivergrove and Happy Valley from July 1, 2021 to June 30, 2022. WES is a municipal partnership formed under ORS 190 by Clackamas County Service District No. 1 (CCSD#1), the Surface Water Management Agency of Clackamas County (SWMACC) and the Tri-City Service District governed by the Board of County Commissioners but a legally distinct entity from Clackamas County. WES administers MS4 activities within its service area as defined by the underlying boundaries of SWMACC and CCSD#1. On July 1, 2017, SWMACC transferred its assets and permit obligations to WES. CCSD#1 joined the municipal partnership on July 1, 2018. WES works closely within its service area with Clackamas County, which administers its own MS4 Stormwater Management Program and submits a separate annual compliance report. There are references throughout this document to Clackamas County's Department of Transportation and Development (DTD) where program elements are jointly implemented, and reported separately.

The Compliance Evaluation required in the 2021-2026 MS4 Permit's Schedule B(2) was conducted and our progress was evaluated in implementing SWMP control measures in Schedule A, and additional requirements in Schedules B and D. This annual report is the product of this evaluation.

Table 1 (below) includes submittal requirements for the 2021-22 MS4 Permit annual report in accordance with Schedule B.3 and the location in this document with the applicable program implementation information and data.

	Summary of Schedule B(3) Requirements for 2021-22	Section Where Annual Report Requirement is Met:
а.	Status of implementing the stormwater management program and each control measure program element in Schedule A.3 including progress in meeting measurable goals and program tracking and assessment metrics identified in the SWMP as well as additional annual reporting requirements identified in each section, or, prior to DEQ's SWMP approval, measurable goals and tracking metrics approved under the previous permit's approved stormwater management plan.	Section 1.1
b.	Summary of adaptive management implementation and changes or updates to programs made during the reporting year, including rationales for any proposed changes to the stormwater management program (e.g., new BMPs), and review new and historical monitoring data. Include discussion of the implications of or any findings related to recent years' adaptive management and/or changes made to the SWMP, based on data from tracking measures, measurable goals, and/or any monitoring relating to the change.	Section 1.2
C.	Any proposed changes to SWMP program elements designed to reduce TMDL pollutants	Section 1.3

Table 1: MS4 Permit Annual Report Requirement Locations in Document

	Summary of Schedule B(3) Requirements for 2021-22	Section Where Annual Report Requirement is Met:
d.	Summary of education & outreach and public involvement activities, progress toward or achievement of measurable goals, and any relevant assessment of those activities. This should include planned adaptive management or other program enhancements to occur in the following years.	Section 1.4
e.	Summary describing the number and nature of enforcement actions, inspections, and public education programs, including the results of ongoing field screening and follow-up activities related to illicit discharges.	Section 1.5
f.	List of entities referred to DEQ for possible 1200-Z NPDES general permit coverage based on co-permittee screening activities, a list of categories of facilities inspected, and an overview of the results of inspections of commercial and industrial facilities.	Section 1.6
g.	Summary of total stormwater program expenditures and funding sources over the reporting fiscal year, and those anticipated in the next fiscal year.	Section 1.7
h.	Summary of monitoring program results, including monitoring data that are accumulated throughout the reporting year submitted in the DEQ- approved Submission Template, and any assessments or evaluations of that data completed by the co-permittees or an authorized third party.	Section 1.8
i.	Any proposed modifications to the monitoring plan that are necessary to ensure that adequate data and information are collected to conduct stormwater program assessments.	Section 1.9
j.	An overview, as it relates to MS4 discharges, of concept planning, land use changes and new development activities (including the number of new post-construction permit issues) that occurred in the Urban Growth Boundary (UGB) expansion areas during the reporting year, and those forecast for the following year, where such data is available.	Section 1.10
k.	Details of all corrective actions implemented associated with Schedule A.1.b.iii (for WQ exceedances) during the reporting year.	Section 1.11
Ι.	Compliance with annual reporting requirements found in the following sections:	Section 1.12
	Schedule A.3.c.vii – Illicit Discharge Detection and Elimination	1.12.a
	Schedule A.3.d.vii – Construction Site Runoff Control	1.12.b
<u> </u>	Schedule A.3.e.viii – Post-Construction Site Runoff Program	1.12.c
-	 Schedule A.3.f.v.c – Winter Maintenance Schedule A.3.h.i – Hydro-modification Assessment and Stormwater 	1.12.d 1.12.e
	• Schedule A.S.H.I – Hydro-modification Assessment and Stormwater Retrofit Strategy Updates	1.12.0
	Schedule D.3.b – Mercury Minimization Assessment	1.12.f

1.1 Schedule B.3.a. -- Status of implementing the stormwater management program and each control measure program element in Schedule A.3 including progress in meeting measurable goals and program tracking and assessment metrics identified in the SWMP Document as well as additional annual reporting requirements identified in each section, or, prior to DEQ's SWMP Document approval, measurable goals and tracking metrics approved under the previous permit's approved stormwater management plans.

Implementing Existing 2012 SWMPs with New Permit Until Shared SWMP Approved Clackamas Water Environment Services (WES), under a partnership consisting of CCSD#1, SWMACC, the City of Happy Valley and the City of Rivergrove are submitting this annual report to comply with the current NPDES MS4 permit, which has been in effect since October 1, 2021.

WES and its partners are awaiting for DEQ's approval of the Shared Stormwater Management Program Document (SWMP Document), which was originally submitted in 2017 and, in order to comply with Section A.3.a, was recently updated to comply with the 2021 MS4 Permit's new requirements and submitted to DEQ in November 2022.

At this time, WES, the City of Happy Valley and the City of Rivergrove continue to implement the two existing 2012 Stormwater Management Plans (SWMP).

Appendix A presents the data and information for this annual report. This appendix includes the tracking measures and measurable goal status from Best Management Practices (BMPs) in the 2012 SWMPs. Appendix B has the water quality monitoring results.

1.2 Schedule B.3.b. -- Summary of adaptive management implementation and changes or updates to programs made during the reporting year, including rationales for any proposed changes to the stormwater management program (e.g., new BMPs), and review new and historical monitoring data. Include discussion of the implications of or any findings related to recent years' adaptive management and/or changes made to the SWMP Document, based on data from tracking measures, measurable goals, and/or any monitoring relating to the change.

Ten years ago, our October 2012 "Outline for Adaptive Management Approach" reviewed BMP implementation and analyzed environmental monitoring data, and that adaptive management approach guides how we implement the current 2012 SWMPs, including MS4 activity in 2021-22.

Five years later WES and its co-permittees submitted the Shared MS4 Permit SWMP with its MS4 Permit renewal application package in February 2017. Currently, Clackamas County, WES, and the Cities of Rivergrove and Happy Valley implement their MS4 permit programs through three separate SWMPs.

To improve coordination and overall program effectiveness, WES and its co-permittees, created a single, combined, Shared MS4 Permit SWMP (Shared SWMP). To integrate the three SWMPs

into one Shared SWMP, WES led and adopted an extensive Adaptive Management-based process.

A substantial number of modifications were made to various BMPs (Best Management Practices) during the process of integrating the three existing SWMPs into the Shared SWMP. The Shared SWMP has many BMPs with new, improved measurable goals and tracking measures.

This process included a project kickoff meeting, three separate Workshops, three separate visioning sessions, and over a dozen other meetings to receive input and direction, which was subsequently used to determine the depth and breadth of the program described in the Shared SWMP.

Attendees at the Workshops, visioning sessions, and meetings included numerous staff from WES, Clackamas County's DTD and Business and Community Services (BCS), the City of Happy Valley and the City of Rivergrove.

WES completed a Gap Analysis in October 2016 which compared the Coordinated Participants' current SWMPs with requirements in the March 2012 MS4 permit to ensure that the February 2017 Shared SWMP fully complied with the MS4 permit.

1.3 Schedule B.3.c. -- Any proposed changes to SWMP program elements designed to reduce TMDL pollutants

As the three existing SWMPs were integrated into the Shared SWMP, many BMPs were modified, and several of these proposed modifications are expected to reduce levels of TMDL pollutants which are discharged. Examples include:

- Portions of some proposed Construction Site Runoff BMPs are expected to reduce levels of these pollutants in stormwater: total phosphorus (Tualatin River only), settleable volatile solids (Load Allocation for Tualatin River's dissolved oxygen TMDL), mercury, and DDT and dieldrin (Johnson Creek only)
- Portions of some proposed Post-Construction Site Runoff BMPs, and the Operation and Maintenance BMPs are expected to reduce levels of these pollutants in stormwater: E. coli, total phosphorus (Tualatin River only), settleable volatile solids (Load Allocation for Tualatin River's dissolved oxygen TMDL), mercury, and DDT and dieldrin (Johnson Creek only)
- 1.4 Schedule B.3.d. -- Summary of education & outreach and public involvement activities, progress toward or achievement of measurable goals, and any relevant assessment of those activities. This should include planned adaptive management or other program enhancements to occur in the following years.

See Appendix A for data and information about progress toward or achievement of measureable goals and tracking measures in 2021-22.

The 2022 Shared SWMP and the process undertaken (as the Shared SWMP was created) enabled WES and its co-permittees to:

- Assess the public education / involvement portion of our program
- Make improvements to our existing program which are now codified in the 2022 Shared SWMP.

Adaptive Management

During the pandemic which has limited in-person educational opportunities, WES has increased its effective use of social media and other digital means such as Zoom to provide a wide variety of educational messages for students, customers and other stakeholders. WES takes advantage of the 27,000 followers Clackamas County has on its Facebook page, nearly 18,000 followers on its Twitter account, approximately 130,000 members on NextDoor, and more than 6,000 subscribers to WES updates via Constant Contact.

WES has also gathered insightful information via surveys of customers and other stakeholders to learn about their preferred channels for receiving educational information from WES. One example of this is our 2021 Clean Water Exchange Survey, which sought this and other types of information to strengthen our understanding of what customers and stakeholders value the most.

In addition to providing educational information and links to web pages with additional educational content for all ages, social media outreach has proven to be one of the most effective ways to engage, and even build relationships, with customers, partners, and the general public. In 2021-22, WES' educational content, which hundreds of thousands of people saw posted on social media, came with measurements of effectiveness available that far exceed the limitations of printed publications (usually limited to circulation statistics).

During this reporting period, WES employed a more precise measuring tool to gauge the effectiveness of its educational messages and articles on social media and, therefore, on WES' Public Education management strategies. The difference from years past is that WES can now report well beyond the name of the article and the size of the net cast on Facebook, NextDoor, and Twitter. Articles addressing certain BMPs (Alternatives to Pesticide, Herbicides, and Fertilizers and the Reporting of Illicit Discharges and Spills and Other Types of Improper Disposal of Materials), can be measured against three ascending levels of impact when collaborating with the public to protect our rivers and streams. They include:

- Impressions The number of times public education content is displayed
- Reach The total number of readers who see WES' social media content
- Engagement This last level of content impact is new and offers insight to the highest form of reader interaction and involvement where the reader engages with the article by "liking" it, "sharing" it with others, or commenting on the content.

This last piece of information can provide deeper and more insightful measures on how effective WES has been in reaching its target audiences and garnering support. It may also reveal what adjustments to the delivery of messages and method used to ensure maximum community engagement and support with the goal of keeping our rivers clean now and well into the future.

1.5 Schedule B.3.e. -- Summary describing the number and nature of enforcement actions, inspections, and public education programs, including the results of ongoing field screening and follow-up activities related to illicit discharges.

In Appendix A, see BMP #12 for more information about our IDDE "public education" work and BMP #1 for more information about our IDDE program's "ongoing field screening" work.

Report Date	Inspection Date	Incident Description, including follow-up activity	Enforcement action taken?		
7/7/21	7/8/21	Spill: Complaint of oil spill on road in front of a house on SE King Way. Small amount of motor oil and granular absorbent near curb and storm drain. Catch basin was unaffected. Could not contact homeowner on day of inspection; four days later, on 7/12/21, WES instructed homeowner to sweep up and dispose of the absorbent.	No		
8/2/21	8/2/21	Complaint of cloudy water in Johnson Creek near 70 th and Johnson Creek Boulevard. Found residual material in storm-line from a ruptured barrel of laminar adhesive. Had owner contact environmental cleanup company that cleaned and captured residual material from storm system.			
8/31/21	9/1/21	The City of Happy Valley reported their contractor had allowed slurry seal to enter a catch basin near SE Poppy Drive and Denali. WES crews cleaned affected structures the next day.	No		
9/15/21	9/15/21	DEQ referred complaint to WES regarding a mobile fleet washer directly discharging soapy wash water to a storm drain in a business park. WES staff contacted the client and the vendor to discuss proper procedures for washing fleet vehicles. WES required a written response from the mobile washing company's general manager which the responsible party provided the following day.	Yes		
10/5/21	10/6/21	Caller reported that there is a sheen on his road (SE Skyhigh Court) and in the cul-de-sac. Caller believed it to be gasoline from an unknown source. Some kind of utility truck was in the area that morning and storm drains were possibly affected.	No		

Table 2: Illicit Discharge Events

Report Date	Inspection Date	Incident Description, including follow-up activity	Enforcement action taken?
		WES staff investigated the following day and did not find any residual oils on the street, in catch basins or further down in the system. Rain is suspected to have carried the sheen through and out of the system. OERS Case No. 2021-2642	
10/13/21	10/13/21	Report of oil sheen on Kellogg Lake. Investigated to find tributary of Kellogg Cr. oiled by suppression flows from auto repair shop fire. This auto repair shop was not in the WES service area, although WES helped find it by following the oil upstream. Oily flows came down ODOT's storm system to discharge into deep ravine (Linder Creek), which entered Kellogg Lake. WES crews responded by placing absorbent booms in tributary. DEQ, ODOT and ODFW took primary role of response for this event.	No
11/4/21	11/5/21	OERS Case No. 2021-2691 This was a non-point source pollution incident but is	No
		 being provided as a courtesy to, and for the benefit of, DEQ. Spill: Resident of Riverview Mobile Estates reported an oil spill occurring on 11/4/21 that affected the private storm system in the park. Assisted the park maintenance person in investigating the system, but informed them WES had no authority to assist in cleanup. Urged them to contact the garbage truck's owners and request them to revisit the site to properly finish cleanup activities. OERS Case No. 2021-2876 	
11/13/21	11/15/21	Spill: Received OERS report of diesel fuel spill due to theft on SE Carpenter Drive. WES staff called the Business who stated during a fuel theft, diesel fuel was released to ground and estimated 25 gallons entered private storm drains on the property. Business contracted with an environmental cleanup company who cleaned all catch basins on the property on 11/13/21. Cleanup co. also checked manhole in street and found no evidence that fuel entered public system.	No

Report				
Date	Date	On 11/15/21 WES followed up on cleaning activity and found small amount of fuel in storm system in SE Carpenter Drive. Left voicemail for business in effort to get the business to recall cleanup co. and finish cleanup. Heavy rain fell and washed the residual fuel through public storm system to Carli Creek facility. WES staff placed boom across step pools at the Carli site. Cleanup co. was brought back to clean an affected public stormwater hydrodynamic separator. OERS Case No. 2021-2956	action taken?	
12/2/2021	12/2/2021	Spill: A car fire at SE Idleman and SE Champagne Lane released gasoline onto street. Two catch basins were affected along with curb line of both streets. Cleanup co. was contracted to clean catch basin and street. Cleanup performed the next day. OERS Case No. 2021-3077	No	
12/16/21	12/16/21	Spill: OLWS staff reported an oil release to a catch basin near SE Whitcomb. WES crews found an unrecoverable amount of oil but placed absorbent pads in the basin in case rains washed oil into catch basin. Basin not affected at time of visit.	No	
1/10/2022	1/10/2022	A home on SE Deremer Lane in Happy Valley was cross- connected to the storm system. Sanitary discharge flowed into a newly created storm pond in the development. The contractor anticipated that it would take two days to fix. The developer worked with the contractor to clean up the pond and remove contaminated material. WES inspected once completed and found on 1/11/22 that the cross connection was corrected; contractor worked on cleanup of affected storm pond.	No	
2/10/2022	2/10/2022	Spill: Five gallons of paint spilled in back of truck at the Sunnyside Village Apartment complex on SE 145th Ave in Clackamas. Maintenance staff washed out the back of the truck onto the parking lot and wash-water entered storm drains and flowed into Rose Creek. WES staff responded by deploying booms in private pond and outfall leading to Rose Creek. Staff required the Rose Cr. apartment complex to clean the catch	Yes	

Report Date	Date Date		
		basins in their parking lot. They completed this on 2/11/22.	
2/28/2022	2/28/2022	WES reported a 1,000 gallon release of wastewater from its Decant facility to an overflow detention pond. No sewage reached the MS4 and was cleaned up same day. OERS Case No. 2022-0479	No
5/5/22	5/6/22	Happy Valley resident reported excess algae running onto SE Hurse Lane from a drain pipe. WES staff investigated to find a sediment trail from a curb weep hole with the algae growing on the sediment (possible broken pipe).	No
		Contacted Happy Valley building official who referred algae growth to the City's Engineering Department that addresses flows located on the City's right of way.	
5/6/2022	5/10/2022	DEQ forwarded WES its Pre Enforcement Notice to a trash compactor repair company for wash water discharged to a private storm drain flowing into the MS4.	No
		WES staff performed a site visit 5/10/22 and issued a written notice to cease the discharge of wash water to the storm system.	
6/2/2022	6/9/2022	Report by WES staff of a grout-like material deposited in a stormwater swale along SE 84 th Avenue.	No
		WES staff contacted the property management company who traced incident back to workmen performing tenant improvements at a store.	
		Responsible party cleaned up the material and provided photos on 6/14/22 to confirm that the cleanup had been completed.	
6/7/22	6/7/22	Spill: A person was reported to have spilled or dumped oil in street and storm drain during a motor oil change of a pickup truck parked on SE Norma Circle.	No
		WES staff found fresh oil spots on the pavement, on the adjacent storm drain grate adjacent and some in the storm drain itself. Staff cleaned the grate and storm drain and placed a boom downstream to catch any residual.	

Report Date	Inspection Date	Incident Description, including follow-up activity	Enforcement action taken?
		Truck owner was a visiting out of state resident who, when contacted by WES, claimed that they had just accidentally spilled a small amount and had thought it was ok.	
		WES educated truck owner on regulations and spill prevention/containment.	
6/16/2022	6/16/2022	Happy Valley Police Department forwarded complaint of dumping of concrete in a catch basin.	No
		WES staff inspected surrounding structures and assets, and found very little evidence of the reported material or of deliberate malice.	
		Believed to be to be a dispute between contractors.	
6/22/2022	6/24/2022	Spill: Investigated a complaint forwarded from DEQ about a business on SE For Mor Court whose machine lubricants could flow where they shouldn't in the event of rain. The complaint said "They have several machines stored outside leaking oil on the parking lot. When it rains it drains into the sewer drain. I delivered to the building next door and noticed it."	Yes
		Storm drain was not affected.	
		Met with business to explain complaint and left written notice for business to cover machines with tarps and clean up oil spill areas with absorbent. Business complied within timeframe and covered machinery with tarps, placed absorbents and pads on affected areas, and pumped machines of liquids.	

1.6 Schedule B.3.f -- A List of entities referred to DEQ for possible 1200-Z NPDES general permit coverage based on co-permittee screening activities, a list of categories of facilities inspected, and an overview of the results of inspections of commercial and industrial facilities.

Screening for 1200Z permits applicability

WES, operating under the two DEQ-approved SWMPs from the previous MS4 permit (2012-2017), screened industrial facilities for the possibility to be subject to a 1200Z Industrial Stormwater permit during the previous permit term. After the proposed SWMP Document is approved by DEQ, WES will begin screening industrial facilities for the 1200Z permit on an annual basis.

Categories Inspected

Categories of industrial/commercial facilities that WES inspected during the 21/22 reporting year included: Shopping Centers, Business Parks, Manufacturers, Car Washes, Freight Hubs, Medical Offices, Restaurants, Auto Service facilities, General Commercial/Retail, and Recyclers.

Overview of Inspection Results

During the 2021-22 reporting year, WES performed 100 inspections of Industrial and Commercial facilities. Of the 100, 51 were found to be in compliance with WES rules regarding stormwater discharges and maintenance of their private stormwater system and required no further interaction. The facilities that were found not in compliance with WES' rules were issued written Notices of Noncompliance and a timeline for completing corrections. Notices could be issued for as little as simple maintenance of catch basins or as significant as restoration of a stormwater management pond. Correction periods ranged from 60 days to up to 24 months to complete required remedies to bring the facility back into compliance. Please see BMPs #4 and #5 in Appendix A of this annual report for more information.

1.7 Schedule B.3.g -- Summary of total stormwater program expenditures and funding sources over the reporting fiscal year, and those anticipated in the next fiscal year.

WES and the City of Happy Valley dedicated sufficient resources to implement the Stormwater Management Program in 2021-22. WES dedicated over 21,700 employee hours or the equivalent of 12.7 full-time employees (FTEs) to the MS4 Permit program, to our Underground Injection Control WPCF Permit program, to our Willamette/Tualatin TMDL non-point source pollution programs, and to our flooding reduction/drainage improvement programs – all of which make up WES' Surface Water Program.

The City of Happy Valley has eight and a half FTEs in the Public Works Department and the Engineering Division who, in part, perform MS4 duties. The City of Happy Valley has five and a half FTEs in the Public Works Department who, in part, perform MS4 duties. In addition, WES is the service provider in the City of Rivergrove and, as a result, the City dedicates a sufficient but limited amount of staff time to implement the MS4 SWMP; therefore, the City's expenditures are not worth tracking or reporting in this section.

WES' Operating and Construction Fund resources, including Fund Balances, budgeted in the recent past, during the reporting period and in the current fiscal year, are in Table 3.

WES	2019-20 Actual	20-21 Actual	2021-22 Budget	2021-22 Estimate ¹	2022-23 Adopted
Resources	22,139,630	23,202,305	23,846,919	23,491,217	25,201,324
Materials & Services	4,244,759	4,436,257	6,211,141	4,817,798	5,794,380
Capital Outlay	716,375	720,126	1,092,000	960,000	990,000
Transfers	3,000,000	3,000,000	3,000,000	3,000,000	2,000,000
Contingency			1,308,000		1,213,500
Ending Fund Balance	14,178,496	15,045,922	12,235,778	14,713,419	15,203,444
Total Requirements	22,139,630	23,202,305	23,846,919	23,491,217	25,201,324

Table 3: Stormwater Resources and Requirements for WES

¹ "Estimated" year-end expenditures are not shown as "Actual" until the fiscal year closes.

Annual funding for the Stormwater Management Program for WES in FY 2021-22 came from four sources (unaudited numbers):

Monthly Stormwater Utility Fees	\$ 5,297,766
Maintenance Fees, paid Monthly	\$ 379,232
Systems Development Charges (SDCs)	\$ 138,311
Stormwater and Erosion Control Permit Fees	\$ 248,583

In 2021-22, customers in the North Clackamas unit of Rate Zone 2 (CCSD#1) paid a monthly program fee of \$7.75 per Equivalent Service Unit (ESU) and customers in Rate Zone 3 (SWMACC) paid a monthly fee of \$4.70 per ESU. An ESU is a single-family residence or 2,500 square feet of impervious surface for nonresidential customers. Fees were increased to \$8.15 per ESU in Rate Zone 2 and \$4.95 per ESU in Rate Zone 3, respectively, soon after this reporting period ended on June 30, 2022.

Newly constructed single-family residential properties in Rate Zone 2, since 1998, also paid a monthly maintenance agreement fee of \$3.00 per ESU which is dedicated for maintenance of local subdivision stormwater conveyance, detention, retention, treatment, and infiltration facilities.

Only a portion of Rate Zone 3 revenues come from the MS4-permitted area. Rate Zone 3 also includes:

- 1. A large, rural unincorporated area in the Tualatin River watershed
- 2. An area near the City of Rivergrove which is served by stormwater injection devices (i.e., drywells), which are regulated by a Stormwater WPCF permit.

WES collects System Development Charges from new development and dedicates those revenues to planning, design, and construction of additional stormwater infrastructure capacity needed to accommodate growth. The current SDC rate is \$220 per Equivalent Dwelling Unit and that rate increased to \$233 soon after this reporting period ended on June 30, 2022.

City of Happy Valley

MS4 Permit Program Funding Sources:

- **Permit fees for development** of land (plan review and inspection) are based upon the construction value of the project. In 2021-22, the City generated \$433,972.92 in fees from 23 land development permits. Only a portion of these \$433,972.92 were spent on the implementation of the MS4 Permit Program.
- Twenty Engineering Erosion Control Permits yielded \$23,600 in revenue in 2021-22. The City expects to receive a range from \$15,000 to \$20,000 in Erosion Control Permit revenue in 2022-23. The \$23,600 of MS4 permit program revenue is a subset of \$433,972.92.
- The Building Division collected \$147,200 in Erosion Control Permit fees to cover the cost of their erosion control inspections for 368 building permits.
- \$60,600 from the **Streets Maintenance** portion of the budget for street sweeping. Street sweeping is also conducted to improve road safety and for aesthetic reasons. An undefined portion of the \$60,600 was spent to improve stormwater quality.
- Approximately \$12,943.25 from the City of Happy Valley's **General Operating Budget** were spent by the City of Happy Valley during 2021-22 to administer the overall MS4 Permit Program (e.g., attendance at monthly Watershed Protection Program meetings, compiling data for this annual report). The City of Happy Valley expects to dedicate a similar amount of money from this portion of this budget during 2022-23 for administration of the overall MS4 Permit Program.

MS4 Permit Program Expenditures:

- Street Sweeping Program: The City of Happy Valley spent \$60,600 on their street sweeping program in 2021-22. The City of Happy Valley expects to spend a similar amount of money on street sweeping in 2022-23.
- **Erosion Control Program**: Erosion Control Permit fee revenue is spent by the City of Happy Valley to administer this program. The City spent approximately \$170,800 to administer this program in 2021-22 and the City expects to spend a similar amount in 2022-23.
- MS4 Permit Program Administration: Approximately \$12,943 were spent by the City of Happy Valley during 2021-22 to administer the overall MS4 Permit Program (e.g., attendance at monthly Watershed Protection Program meetings, compiling data for this annual report). The City of Happy Valley expects to spend a similar amount of money during 2022-23 for administration of the overall MS4 Permit Program.

1.8 Schedule B.3.h. -- Summary of monitoring program results, including monitoring data that are accumulated throughout the reporting year submitted in the DEQ-approved Submission Template, and any assessments or evaluations of that data completed by the co-permittees or an authorized third party.

See Appendix B for the summary of the monitoring program's results and for information about any assessments or evaluations which were conducted.

1.9 Schedule B.3.i. -- Any proposed modifications to the monitoring plan that are necessary to ensure that adequate data and information are collected to conduct stormwater program assessments

No additional modifications are proposed in this annual report. WES on behalf of Clackamas County, and the Cities of Rivergrove and Happy Valley participates in a combined Comprehensive Clackamas County NPDES MS4 Stormwater Monitoring Plan (Monitoring Plan). Other participants of this Monitoring Plan include, but are not limited to, the Cities of Milwaukie and Oregon City. This Monitoring Plan was revised most recently in January 2017 and was implemented on July 1, 2017. Please see the January 2017 Monitoring Plan for more information.

Note that this Monitoring Plan was recently revised in order to comply with numerous new requirements in the 2021-2026 MS4 Permit. This updated Monitoring Plan is expected to be submitted to DEQ in November 2022. If this updated Monitoring Plan is approved by DEQ in the near future, we expect to begin implementing it on July 1, 2023.

1.10	Schedule B.3.j An overview, as it relates to MS4 discharges, of concept
	planning, land use changes and new development activities (including the
	number of new post-construction permits issued) that occurred in the
	Urban Growth Boundary (UGB) expansion areas during the reporting year,
	and those forecast for the following year, where such data is available.

Land Use Changes

٠	Number of zone changes approved in Happy Valley:	4
٠	Number of new residential building lots approved by partition,	
	Subdivision, and planned unit development in Happy Valley:	137
٠	Number of Approved Zone Changes in Clackamas County ¹ :	3
٠	Number of New Land Partitions:	27
٠	Number of New Land Subdivisions:	3

¹ These land use statistics capture the entire unincorporated area of Clackamas County regulated by the MS4 permit, which is primarily comprised of lands in the Oak Lodge Water Services district and in the WES service area.

UGB Expansion

• The UGB was not expanded in or near the Cities of Happy Valley or Rivergrove, or any other portion of WES' MS4-permitted service area.

Land Annexations

٠	Acreage annexed into WES' SWM service area:	28.9
•	Acreage de-annexed from WES' SWM service area:	None
•	Acreage annexed into the City of Happy Valley:	209.4
The Nu	umber of New Post-Construction Permits Issued and related information	
•	Number of development permits reviewed by Clackamas County ² :	21
•	Number of building division permits in Happy Valley:	368
•	Number of engineering division development permits in Happy Valley:	13
•	Total number of plans reviewed and approved by WES:	25
•	Number of building division site plan reviews in Happy Valley:	368
•	Number of engineering division site plan reviews in Happy Valley:	48
•	Number of new units of multi-family housing approved in Happy Valley:	542
•	Square feet of new commercial/office development approved in Happy	
	Valley:	56,926

Estimated total new and replaced impervious surface area related to development projects

• 36.6 acres

When the lands described here were developed, post-construction stormwater management program requirements implemented by the City of Happy Valley, Clackamas County, and/or WES reduced storm sewer system pollution levels to the maximum extent practicable. For more information, see the post-construction program-related sections of this annual report.

City of Happy Valley

As discussed above, no UGB expansion occurred in the City of Happy Valley in 2021-22 and the UGB is not expected to be expanded in 2022-23. There were 209.4 acres annexed into the City of Happy Valley in 2021-22. With respect to annexations anticipated for 2022-23, the City is currently working on the Pleasant Valley North Carver Comprehensive Plan, which is approximately 2,700-acre plan area. The City is aiming to adopt the plan in 2023. When these lands are eventually urbanized, regulations are expected to be applied by the City of Happy Valley and WES (formerly CCSD#1) as properties are developed (to construct stormwater treatment systems, for example) which will reduce pollution levels to the maximum extent practicable.

² ibid

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Clackamas County

No UGB expansion occurred in 2021-22 in or near the WES-Rivergrove-Happy Valley MS4 Permit area, nor is it expected to occur in 2022-23.

1.11 Schedule B.3.k. -- Details of all corrective actions implemented associated with Schedule A.1.b.iii (for Water Quality Standards) during the reporting year.

No corrective actions were implemented in 2021-2022.

- 1.12 Schedule B.3.I. -- Compliance with annual reporting requirements found in the following sections:
 - Schedule A.3.c.vii IDDE
 - Schedule A.3.d.vii Construction Site Runoff Control
 - Schedule A.3.e.viii Post-Construction Site Runoff Program
 - Schedule A.3.f.v.c Winter Maintenance
 - Schedule A.3.h.i Hydro-modification Assessment and Stormwater Retrofit Strategy Updates
 - Schedule D.3.b Mercury Minimization Assessment

WES and its co-permittees are required to summarize metrics to track and assess their progress with the Stormwater Management Program Control Measures. These other requirements are found in Table 4 and include the following:

Citation	Description	2021-22 Update
A.3.c.vii – IDDE	Tracking and Assessment: Track implementation of IDDE program requirements. In each corresponding Annual Report, co-permittees must summarize or report on metrics or tracking measures related to implementation of the program. The report should include updates regarding any capital improvements needed or implemented associated with the IDDE program.	See Appendix A for more data and information about the implementation of these BMPs.
A.3.d.vii – Construction Site Runoff Control	Tracking and Assessment: Routinely or continuously track all construction sites that result in a total land disturbance of equal to or greater than 1,000 square feet. The inventory must include relevant contact information for each project (name, address, phone, etcetera), the size of the project including area	WES tracks this information in its database software. For additional information, see BMPs in Appendix A, including BMP #9.

Table 4: Other Compliance Requirements

Citation	Description	2021-22 Update
	and/or volume of disturbance, the date the co-permittees approved the ESCP in accordance with Schedule A.4.d.iii or in accordance with coverage under the 1200-CN permit as applicable, and whether any complaints have been received or inspections made.	
	Co-permittees must also track implementation of all activities required by the Construction Site Runoff program. In each corresponding annual report, co-permittees must summarize metrics or tracking measures related to implementation of the program, which may include but is not limited to number of regulated construction projects, number of inspections, and number of enforcement actions.	
A.3.e.viii – Post- Construction Site Runoff Program	Tracking and Assessment: Co- permittees must maintain records for activities conducted to meet the requirements of the Post- Construction Site Runoff program, and include a summary of their activities and report on metrics or tracking measures related to implementation of the program in the corresponding annual report.	WES already complies with this requirement. See Appendix A for more detail on the Post Construction BMPs which were implemented
A.3.f.v.c – Winter Maintenance	Tracking and Reporting: Winter Maintenance activities for streets and roads must be included as an element of the annual report beginning in the annual report due December 1, 2022 or no later than upon DEQ's approval of the 2017 SWMP. Each year, the information needs to include but not limited to the following: a list of materials used, the number of winter weather events where maintenance materials are used, quantities and general location of each material used in relation to distance (for example,	During winter/ice events, Happy Valley uses Magnesium Chloride for de-icing and applies sand to temporary increase traction on icy roads and surfaces. Within 10 days, the City removes the sand that remains. In 2021-22, the City applied 6,155 gallons of Magnesium Chloride and applied 182 yards of sand as a result of snow/ice events. Following the end of the snow- /ice events, the City picked up 144 yards of sand within the required 10 days after the snow/ice events.

Citation	Description	2021-22 Update
	pounds per mile), and any other actions taken to protect waters of the state for areas that data is available or becomes available during the permit term.	See Appendix A's BMP #20 (HV-CCSD#1 SWMP) for more data and information. Learn more about Clackamas County's Winter Maintenance work in DTD's 2021- 22 MS4 Annual Report.
A.3.h.i – Hydro- modification Assessment and Stormwater Retrofit Strategy Updates	Co-Permittee are required to include in the third annual report of this permit term, an assessment of any outcomes related to the Hydro- modification Assessment and Stormwater Retrofit Strategy reports.	This requirement does not apply to this 2021-22 annual report. It will apply to our 2022-23 annual report, however.
Schedule D.3.b – Mercury Minimization Assessment	The following requirement is found in the 2021-2026 MS4 Permit's Schedule D(3)(b): Develop and submit a mercury minimization assessment with the annual report due December 1, 2022, that documents the current actions, such as BMPs implemented, that reduce the amount of solids discharged into and from the permitted MS4 system (similar to the actions currently required in Schedule A). If the assessment indicates that mercury and sediment reducing BMPs are fully incorporated into the SWMP Document, a report documenting the results as such is sufficient.	At the present time (November 2022), Clackamas County, Clackamas WES, and the Cities of Rivergrove and Happy Valley continue to implement three separate MS4 Permit Stormwater Management Plans (SWMPs) which were approved by DEQ in 2012. Each of these three SWMPs contain numerous effective BMPs which reduce the amount of solids and mercury which are discharged into and from the permitted MS4 system. The Construction Site Runoff Control BMPs (ie. Erosion and Sediment Control) are just one of many examples. The original Willamette River watershed mercury TMDL was issued as an order by DEQ in 2006. These three SWMPs were created to comply with the MS4 Permit which was renewed in 2012. In summary, these SWMPs were intentionally designed to reduce the amount of mercury which was discharged. Please see these three SWMPs for additional information about these BMPs. The revised Willamette River watershed mercury TMDL became effective in Feb. 2021. Updated sub-basin-specific Waste Load Allocations for mercury in MS4- permitted discharges are included in the revised TMDL. For example, in the WLAs for the Clackamas River and Tualatin River sub-basins, discharges of mercury are expected to be reduced by 75% over time relative to the baseline time period.

Citation	Description	2021-22 Update
Citation	Description	2021-22 Update The 2022 Shared MS4 Permit Stormwater Management Program Document (SWMP Document) has been submitted which was created to comply with the MS4 Permit that was renewed in October. 2021. The SWMP Document is co- owned/implemented by Clackamas County, Clackamas WES, and the Cities of Rivergrove and Happy Valley. The SWMP Document contains many BMPs which reduce the amount of solids and mercury which are discharged into and from the permitted MS4 system, and which reduce the amount of mercury which is discharged by the MS4. The Construction Site Runoff Control BMPs (i.e., Erosion and Sediment Control) are one of many examples. In summary, the SWMP Document was intentionally designed to reduce the amount of mercury which will be discharged into and from the MS4. Please see the SWMP Document for additional information about these
		MS4. Please see the SWMP Document for
		assessment's conclusion is that effective mercury and sediment reducing BMPs
		have been fully incorporated into the SWMP Document.

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Appendix A: Best Management Practices

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Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	2
1	Component #1: Illicit Discharge Detection and Elimination	Conduct Dry Weather Inspections	1	1	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of outfalls inspected during dry- weather	40	40 dry wea
2	Component #1: Illicit Discharge Detection and Elimination	Conduct Dry Weather Inspections	1	1	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number and type of illicit discharges that were encountered and controlled	0	No illicit di
3	Component #1: Illicit Discharge Detection and Elimination	Conduct Dry Weather Inspections	1	1	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Status of updating procedures to address new permit requirements	Attained	In June, 20 Locations 1 work. The
4	Component #1: Illicit Discharge Detection and Elimination	Conduct Dry Weather Inspections	1	1	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Inspect major or priority outfalls for the presence of illicit discharges at least once per year	Attained	Of the 42 or remaining
5	Component #1: Illicit Discharge Detection and Elimination	Conduct Dry Weather Inspections	1	1	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Update maps of major outfalls on an annual basis	Attained	This map c
6	Component #1: Illicit Discharge Detection and Elimination	Conduct Dry Weather Inspections	1	1	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Update dry weather field screening program to address new permit requirements by November 1, 2012	Attained	The dry we requireme
7	Component #1: Illicit Discharge Detection and Elimination	Implement the Spill Response Program	2	2	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of reported spills to the MS4 system	4	There were 18, seven v
8	Component #1: Illicit Discharge Detection and Elimination	Implement the Spill Response Program	2	2	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number and type of response to the reported spills	7	WES invest spills consi wash wate An addition included in All were co informatio Discharge I

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eather inspections were conducted.
discharges were found during outfall inspections.
2022, we updated our written summary of the current Priority s for conducting dry-weather storm sewer system field screening ne total number of Priority Locations to be monitored is 43.
2 dry weather inspections conducted, 38 were at major outfalls. The g five were minor outfalls.
of outfalls was updated in June, 2022.
weather field screening program was updated to address new permit ients by November 1, 2012.
ere 18 illicit discharges reported that WES staff investigated. Of those n were spills. Of those seven, four entered the MS4 system.
estigated seven spills that occurred in the MS4 service area. The isisted of liquid waste (various oil & diesel fuel spills and paint) and ter.
ional non-point source event was identified as a spill but was not in the number.
controlled by either WES staff or the responsible party. For more ion on the type of response to the reported spills, see Table 2. Illicit e Events.

	Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
Ģ		Component #1: Illicit Discharge Detection and Elimination	Implement the Spill Response Program	2	2	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Implement the spill response program and associated protocols.	Attained	WES has de The spill re improveme
		Component #1: Illicit Discharge Detection and Elimination	Respond to reports involving illicit discharges	3	3	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of alleged illicit discharges and non-stormwater (i.e., fire suppression flows and dechlorinated flows from swimming pools) discharges which were reported each year	1	One author occurred fr For more ir <u>Events.</u>
-		Component #1: Illicit Discharge Detection and Elimination	Respond to reports involving illicit discharges	3	3	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of illicit discharges that were controlled	18	All of the 1 MS4 permi responsible nonpoint s to, and for
-		Component #1: Illicit Discharge Detection and Elimination	Respond to reports involving illicit discharges	3	3	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Respond to reports involving alleged illicit discharges within two weeks.	Attained	All illicit dis report.
-	13	Component #2: Industrial and Commercial Facilities	Screen Existing and New Industrial Facilities	4	4	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Track the number of existing or new industrial facilities subject to a stormwater industrial NPDES permit during the permit term.	18 1200-Z permits	Eighteen fa code 97019 these facili
	14	Component #2: Industrial and Commercial Facilities	Screen Existing and New Industrial Facilities	4	4	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Review new industrial development applications once during the permit term to identify additional facilities needing to obtain 1200Z permits.		This review completed
		Component #2: Industrial and Commercial Facilities	Address Other Industrial Facilities	5	5	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	The number of inspections performed, and where applicable, monitoring data collected		100 inspect commercia Due to COV conducted "other con I) 20 auto r contacted a II) 58 multi was offered

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developed and maintains an appropriate spill response program. response standard operating procedure has been reviewed for ments and WES staff has been trained on its use.

norized non-storm fire-suppression flow discharge is inferred to have from a reported car fire that took place in December.

information, see the Dec 2nd description in <u>Table 2. Illicit Discharge</u>

18 reported illicit discharges were confirmed and located in the mitted area and all were controlled by either WES staff or the ble party. In addition to the 18 discharges, WES included one t source illicit discharge, which was identified as a spill, as a courtesy or the benefit of, DEQ. See Section 1.8 for additional information.

discharges were responded to within two weeks of receiving the

facilities have a 1200-Z permit within our MS4 Permit area in zip 115 and 5 have 1200-Z permits in zip code 97206. Note: some of illities discharge to our MS4, and some do not.

ew of building permit applications for new industrial facilities was ed in March 2017.

ections were performed by WES staff from the list of prioritized cial/industrial facilities.

OVID 19 the Pacific NW Pollution Prevention Center (PPRC) ed the following industrial/commercial stormwater outreach work – ontacts made" – on WES' behalf in WES' service area: o repair shops, 1 carwash and 1 landscaping company were d and EcoBiz program technical assistance was offered. Iti-family housing facilities were contacted and technical assistance red.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
16	Component #2: Industrial and Commercial Facilities	Address Other Industrial Facilities	5	5	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	The number of letters, enforcement actions, or other contacts made	25 Correction Notices	25 sites we maintenan property's
17	Component #2: Industrial and Commercial Facilities	Address Other Industrial Facilities	5	5	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of pretreatment inspections performed (CCSD#1- only)	30 pretreatment inspections	The Indust industrial u discharging surveys red requests. Certain ins AND in the pretreatme examples a which are in
18	Component #2: Industrial and Commercial Facilities	Address Other Industrial Facilities	5	5	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Notify and work with industries to improve stormwater management if an inspection is conducted that indicates improvement is needed.	Attained	Refer to er Protection
19	Component #3 Construction Site Runoff	Conduct Procedures for Site Planning	6	6	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Tracking Measure	Annual number of permitted, active construction projects (i.e. those projects disturbing 800 sq. ft. or more)	582	There were permits in WES had 2
20	Component #3 Construction Site Runoff	Conduct Procedures for Site Planning	6	6	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Tracking Measure	Annual number of site plan reviews and approved plans	676	WES review family site within WES plan review Of the 48 e
21	Component #3 Construction Site Runoff	Conduct Procedures for Site Planning	6	6	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Measurable Goal	Review all applicable erosion and sediment control plans submitted as part of the building permit process	Attained	All applicat and permit
22	Component #3 Construction Site Runoff	Implement Requirements for Structural and Non- Structural Best Management Practices	7	7	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Tracking Measure	Annual number of permitted, active construction projects (i.e. those projects disturbing 800 sq. ft. or more)	201	See trackin

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were given corrective notices by WES for correcting deferred ance of their storm system or for other issues related to the 's storm system.

strial Permits group conducted 21 annual inspections of permitted I users. Five inspections were performed on categorical nonng industrial users and 4 inspections were done in response to NRQ eccived, as first-time visits, or in response to industrial user

nspections occurred at places that are technically in Former CCSD#1 he City of Milwaukie limits. The reason is that WES conducts ment on behalf of the City of Milwaukie through an IJA/IGA. Two s are Blount (now Oregon Tool) and American Metal Specialties, e included in the count.

enforcement actions response listed above or contact Watershed on staff at (503) 742-4567.

ere 363 dwellings, 5 commercial building and 13 site development n Happy Valley.

201 active construction projects.

iewed and approved 64 single-family and reviewed 163 non-single te plans, and approved 33 non-single family plans were approved VES' service areas. In addition, there were 368 building division site iews and 48 engineering division site plan reviews in Happy Valley. 8 engineering division site plan reviews, the City approved 19 plans.

able erosion and sediment control plans were reviewed, approved nitted.

king measure comment in BMP #6.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
23	Component #3 Construction Site Runoff	Implement Requirements for Structural and Non- Structural Best Management Practices	7	7	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Tracking Measure	Annual number of site plan reviews and approved plans	223	See trackir
24	Component #3 Construction Site Runoff	Implement Requirements for Structural and Non- Structural Best Management Practices	7	7	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Measurable Goal	WES and Happy Valley require structural and non-structural BMPs for erosion prevention and sediment control on all construction sites disturbing 800 sq. ft. of land or more	Attained	All constru and non-st
25	Component #3 Construction Site Runoff	Conduct Training for Construction Site Operators	8	8	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Tracking Measure	Track the number and type of educational and training events the District conducts and/or participates in annually	One training resource for the public during ERCO inspections.	WES has m Design Ma training du sponsor tra
26	Component #3 Construction Site Runoff	Conduct Training for Construction Site Operators	8	8	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Measurable Goal	Conduct training for new employees as appropriate and whenever there is a significant update to the Erosion Prevention and Sediment Control Planning and Design Manual.	Attained	One emplo employees needed an
27	Component #3 Construction Site Runoff	Identify Priorities for Inspecting Sites and Conducting Enforcement Actions	9	9	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Tracking Measure	Annual number of permitted sites and percentage of sites inspected	100%	Inspected sites in WE
28	Component #3 Construction Site Runoff	Identify Priorities for Inspecting Sites and Conducting Enforcement Actions	9	9	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Tracking Measure	Annual number of erosior control inspections conducted	3,064 inspections	WES inspe Happy Vall Happy Vall
29	Component #3 Construction Site Runoff	Identify Priorities for Inspecting Sites and Conducting Enforcement Actions	9	9	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Tracking Measure	Annual number of enforcement actions	11 enforcement actions	10 Happy \ enforceme
30	Component #3 Construction Site Runoff	Identify Priorities for Inspecting Sites and Conducting Enforcement Actions	9	9	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Measurable Goal	Inspect construction sites disturbing 800 s.f. of land or more a minimum of three times during construction to verify		100% of th inspected a

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in a second second in DMD //
ing measure comment in BMP #6.
uction sites disturbing 800 sq.ft. of land or more require structural
structural BMPs for erosion prevention and sediment control.
made the Erosion Prevention and Sediment Control Planning and
lanual available on the County website while providing in-the-field
luring ERCO inspections. This year, the City of Happy Valley did not
raining courses for construction site operators.
loyee from Happy Valley took CESCL - 101. WES had no new
es to receive the training. Additional training will be provided as
nd as available.
1 100% of 388 permitted sites in Happy Valley and 202 permitted
/ES' ERCO service area.
ections - 1,742
illey Building Division Inspections - 1,104
Illey Engineering Division Inspections - 218
Valley enforcement actions and 1 WES Erosion Control
nent actions
the exercise control normite that WEC and User with the start
the erosion control permits that WES and Happy Valley issued were
a minimum of three times.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
										proper implementation of required BMPs		
	Runoff	Identify Priorities for Inspecting Sites and Conducting Enforcement Actions	9	9	Formerly, CCSD#1 and SWMACC	ΗV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Measurable Goal	Monitor compliance with the erosion control regulations for sites disturbing 800 s.f. of land or more and, when necessary, issue deficiency notices, charge re-inspection fees, issue fines and stop land- disturbing development work at the site until provisions of the regulations are met		WES poster requiring c In Happy V Valley post inspection enforceme with the pr
	Education and Outreach	Public Education to Reduce Discharges of Pesticides, Herbicides and Fertilizers	10	10	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Track program messages delivered, type of communication piece, and where appropriate, the number of people affected.	Attained	 Faceb discha 863 vi Faceb (inclue WES N pestic WES N Leaks 994 vi MyCla Pollut 180,00
	Education and Outreach	Public Education to Reduce Discharges of Pesticides, Herbicides and Fertilizers	10	10	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Continue to maintain relevant public education materials on the County's website	Attained	 Websi contat Websi (Addre Views Websi extensi fertiliz
	Education and Outreach	Public Education to Reduce Discharges of Pesticides, Herbicides and Fertilizers	10	10	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Prepare a minimum of one relevant article per year for inclusion with Clackamas County customer billing statements		In 2021-22 to include the included the which wou streams ca manageme water reso for pressur to avoid pe pollutants



ted no Stop-Work orders, and issued 1 enforcement actions procession of the state o

y Valley, 3 of the 10 erosion control cases resulted in fines. Happy osted no Stop-Work orders. Happy Valley did not charge any reon fees but did issue deficiency notices. After being issued the ment action, the violator corrected the erosion violation to comply provisions of the regulation.

- ebook article, June 2022: Pesticide Tips (proper use tips to prevent harges of pesticides, herbicides and fertilizer when doing yard work). views
- ebook article, February 2022 How to prevent spills and leaks cluding pesticides and fertilizers) 2,089 views
- S Newsletter article, January 2022 How to Prevent Spills (including ticides, herbicides, fertilizer) 1,086 views
- S Newsletter article, July 2021 Preventing and Cleaning up Spills and ks to protect our water ((including pesticides, herbicides, fertilizer) I views
- ClackCo Magazine article, Spring 2022 You Can Prevent Water lution (addresses pesticides, herbicides, fertilizers) Circulation 0,000
- bsite article: Spills and Leaks (Pesticides, Fertilizers how to prevent taminating waterways) 93 Views
- bsite article: Looking to Hire a Landscape Maintenance Service? dresses tips to prevent misuse of fertilizer, pesticides, herbicides) 51 ws
- bsite article: Lawn Care Tips to Help Protect Our Water (includes ensive information about pesticides. Also includes insecticides and ilizer) 161 Views

22 WES did not comply with this requirement. While all was staged le the appropriate article, WES forgot the bill insert. Had WES I the article, the bill insert would have linked to WES' Education page, ould have included articles about reducing pollution in rivers and caused by stormwater runoff, surface water and stormwater ment, educating and assisting customers to be clean water stewards, source recovery, protecting water quality, online reporting tool, tips sure washing and surface cleaning, spills and leaks, landscaping tips pesticides, herbicides, and other toxic chemicals, and reducing ts by keeping storm drains clean.

	Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
3		Component #4 Education and Outreach	Public Education to Reduce Discharges of Pesticides, Herbicides and Fertilizers	10	10	Formerly, CCSD#1 and SWMACC				Measurable Goal	Pursue additional relevant USGS studies if the opportunity presents itself.	Attained	No addition year. Note Happy Valle study, whic sediments, MS4 permi requirementhis study v Assessmen
3		Component #4 Education and Outreach	Proper Disposal Practices to Reduce Discharges of Pesticides, Herbicides and Fertilizers	11	11	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of calls received and referred to Metro annually.	0	WES did nc these dang customers
3		Component #4 Education and Outreach	Proper Disposal Practices to Reduce Discharges of Pesticides, Herbicides and Fertilizers	11	11	Formerly, CCSD#1 and SWMACC				Measurable Goal	Refer all pesticide/herbicide disposal related calls to Metro.	Not applicable	No custom on disposin
3		Component #4 Education and Outreach	Facilitate Public Reporting of Illicit Discharges and Spills and Other Types of Improper Disposal of Materials	12	12	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Describe news articles reported per year when appropriate	Attained	For a descr BMP #12.
3		Component #4 Education and Outreach	Facilitate Public Reporting of Illicit Discharges and Spills and Other Types of Improper Disposal of Materials	12	12	Formerly, CCSD#1 and SWMACC		Public & Government Relations	WES (formerly, SWMACC and CCSD#1) Public & Government Affairs	Tracking Measure	Describe type of public complaints received. Resulting follow up actions per year will be kept in a database.	Attained	WES invest WES staff e information
4		Outreach	Facilitate Public Reporting of Illicit Discharges and Spills and Other Types of Improper Disposal of Materials	12	12	Formerly, CCSD#1 and SWMACC				Measurable Goal	Include a relevant article in The Citizen News (for the County) once a permit term (where permit term is from March 2012 through March 1, 2017)	Attained	Despite this repeatedly • V (i • V a a fe • N P p 1

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ional USGS studies were funded during the 2020-21 MS4 permit te that CCSD#1, the SWMACC, and the Cities of Rivergrove and alley contributed funds towards a USGS-led pesticide monitoring nich assessed pesticide concentrations in creek water, creek bed ts, and discharges from MS4 outfalls, during the current 2012-2017 mit term. This monitoring study satisfies the pesticide monitoring nent in table B-1 of the MS4 permit. The USGS wrote an article about y which was published in the Journal of Environmental Monitoring ent, a scientific journal, in May 2016.

not receive customer inquiries about the proper way to dispose of ngerous and/or hazardous materials. Hence, WES did not refer any rs to Metro.

mers were referred to Metro because did not WES receive inquiries sing of these dangerous and/or hazardous materials.

cription of news articles that address illicit discharges, see Row 40,

stigates all illicit discharge complaints received as well as those that f encounter. Section 1.8 in this annual report provides additional ion.

his being a once a Permit term reporting requirement, WES has Ily complied every year. In 2021-22, WES provided the following:

- WES Newsletter article, January 2022 How to Prevent Spills (includes reporting of spills as well as prevention of water pollution due to pesticides, herbicides, fertilizer) 1,086 views
- WES Newsletter article, July 2021 Preventing and Cleaning up Spills and Leaks to protect our water (includes reporting of spills as well as prevention of water pollution due to pesticides, herbicides, fertilizer) 994 views
- MyClackCo Magazine article, Spring 2022 You Can Prevent Water Pollution (includes reporting of spills as well as prevention of water pollution due to pesticides, herbicides, fertilizer) Circulation 180,000

Ro N		Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
41	Component #4 Education and Outreach	Facilitate Public Reporting of Illicit Discharges and Spills and Other Types of Improper Disposal of Materials	12	12	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal			WES replace (https://www.community disposal. O Customer software, L alleged illice
42	Component #4 Education and Outreach	Participate in a Public Education Effectiveness Evaluation	13	13	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Report on activities annually.	Attained	This was a 2015. We d Education
43	Component #4 Education and Outreach	Participate in a Public Education Effectiveness Evaluation	13	13	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Provide/compile information regarding a public education effectiveness evaluation over the permit term.	Attained	This was a 2015. We c Education I
44	Component #4 Education and Outreach	Training for Employees	14	14	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Track the number of employees receiving training in stormwater management annually.	79	Seventy-nin different w
45	Component #4 Education and Outreach	Training for Employees	14	14	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Attend relevant stormwater management related training based on need and availability		Seventy-nii 2 N P C A F T 2 S C 2 S C 2 S C 2 S C 2 S C C 2 S C C 2 S C C 2 S C C 2 S C C 2 S C C 2 S C C 2 S C C 2 S C C 2 S C C 2 S C C 2 S C C C C A S C C C C A S C C C C C C C C C C C C C

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aced the online form with a link

www.clackamas.us/wes/reportaproblem.html) directing the ity to a webpage offering options to reporting a discharge or One can email or call in information during the day or afterhours. r service enters the information into WES' maintenance tracking , Lucity, so the appropriate staff can respond and investigate the licit discharge or improper disposal.

a one-time requirement for an evaluation that WES submitted in e do continue to measure progress in our Watershed Health n Program in the schools by conducting before and after tests.

a one-time requirement for an evaluation that WES submitted in e do continue to measure progress in our Watershed Health n Program in the schools by conducting before and after tests.

nine employees received stormwater management training in 12 workshops relevant to stormwater management.

nine employees from WES attended one or more of the following:

- 2021 ACWA Summer Mini Conference
- National Environmental Monitoring Conference
- PNCWA Annual Conference
- Oregon Infrastructure Summit
- ACWA Board Retreat
- Fall 2021 APWA Conference
- TNI Forum on Environmental Accreditation
- 2022 Urban Ecology & Conservation Symposium
- Spring 2022 APWA Conference
- Green Roof Success: Design Through Maintenance
- 2022 ACWA Stormwater Summit
- Short School 2022

elopment Staff attended **4 training sessions** in the following topics: oxs, American Planning Association (APA), Annual Conference, osystem Research Consortium (UERC), and Annual Symposium, of Symposium.

bloyee from Happy Valley took **CESCL - 101, February 8-9, 2022** and **spector Training, May 9-13, 2022.** The Public Works had 21 es attend the following trainings: **ORWEF Water Environment** June 2022, **Improving Safety Features of Local Roads & Streets** – 2, and **Pesticide Training** – (5) credit hours.

	ow Surface Water o. Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
46	Component #4 Education and Outreach	Training for Employees	14	14	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal		Attained	This was a Fire District operated the WES has in Protection stormwate fire-fighting During a sp conducting WES staff r storm/sew training act the Fire Dis
47	Component # 5 Public Involvement and Participation	Provide for Public Participation with SWMP and Benchmark Submittals	15	15	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Provide for public participation with the SWMP and pollutant load reduction benchmarks prior to the permit renewal application deadline	Not applicable	The public renewal ap 2017. WES
48	Component # 5 Public Involvement and Participation	Provide for Public Participation with SWMP and Benchmark Submittals	15	15	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Provide for public participation with the monitoring plan due to the Department by September 1, 2012	Attained	This public
49	Component # 6 Post-Construction Site Runoff	Planning Procedures for New Development and Significant Redevelopment	16	16	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	The number and type of flow control, water quality treatment or infiltration facilities installed in accordance with the requirements	25	Includes wa
50	Component # 6 Post-Construction Site Runoff	Planning Procedures for New Development and Significant Redevelopment	16	16	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Narrative to describe the status of the private facility database	Attained	The upgrac databases LUCITY mai testing. The commercia
51	Component # 6 Post-Construction Site Runoff	Planning Procedures for New Development and Significant Redevelopment	16	16	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Narrative to describe results of tracking compliance with private facility maintenance agreements	Attained	148 Commo 61 CMA pro structures o See BMP 28

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a one-time requirement but WES has checked in with the Clackamas ict over several reporting periods to ensure that the Fire District has I their facilities with the storm/sewer valves in the correct position.

inspected CCFD's training facility and reviewed their Environmental on SOP, which contains procedures on how the Fire District manages iter on their facility and operates valves during training that divert ing foam towards the sanitary sewer.

spot inspection in Spring 2021, while the Clackamas Fire District was ng fire training exercises at their training facility on SE 130th Avenue, f noted that the Fire District was operating their facility with the ever valves in the correct orientation. Flows from fire-fighting activities utilizing foam were directed correctly to sanitary sewer per District's SOP.

lic comment period for documents related to the MS4 permit application submittal ran from January 20, 2017 to February 21, /ES submitted these documents to DEQ on February 24, 2017.

ic participation opportunity was provided in 2012.

water quality, infiltration and flow control ponds.

ades to the GIS and maintenance management system software and is is undergoing installation and testing. Initial customization of the maintenance management software system has begun to facilitate These systems will be used for the private facility database for cial/industrial properties.

mercial Maintenance Agreements in the MS4 area

properties submitted reports in calendar year 2021 with 610 es cleaned

28 in this table for information about WES' SCAP.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
52	Component # 6 Post-Construction Site Runoff	Planning Procedures for New Development and Significant Redevelopment	16	16	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Continue to implement and enforce controls for stormwater quality treatment from new and re-development	Attained	WES contir treatment
53	Component # 6 Post-Construction Site Runoff	Planning Procedures for New Development and Significant Redevelopment	16	16	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Track the location, type, and drainage area of new water quality facilities using GIS		WES staff t by mapping existing GIS
54	Component # 6 Post-Construction Site Runoff	Planning Procedures for New Development and Significant Redevelopment	16	16	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Continue with work to compile a database of private facilities		During this database o
55	Component # 6 Post-Construction Site Runoff	Planning Procedures for New Development and Significant Redevelopment		16	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Annually, check in on compliance with terms of private facility maintenance agreements		Since repor year, the fo year 2021- • V • N S r a t • V c C C C C C C C C C C C C C C C C C C
56	Component # 6 Post-Construction Site Runoff	Update Procedures for New Development and Significant Redevelopment	17	17	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Track status of adopting proposed changes to the stormwater standards for new and re-development.		In July 2018 which inclu average rui developme Approach (be complet involvemer & planning

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tinues to implement and enforce controls for stormwater quality at from new and re-development.

f tracks areas that drain to water quality and flow control facilities ing project areas from as-builts. Staff is actively improving the GIS data and mapping new projects.

his 12 month reporting period, WES improved and maintained our effort private facilities.

porting from commercial properties is due by December 31st of each following information is for calendar year 2021 rather than permit 1-22.

- WES sent one mailing and had two cleaning campaigns in 2021 to not only the properties within the MS4 area that had Commercial Maintenance Agreements, but rather to all commercial/industrial stormwater accounts that had storm systems. The letter was to remind them of the annual inspection and reporting requirements as well as to offer them an opportunity for discounted cleaning through the Stormdrain Cleaning Assistance Program (SCAP). WES continues to conduct site inspections as a means to encourage compliance with maintenance agreement requirements. The COVID pandemic and employment situation continues to affect compliance as businesses are constrained by financial and labor shortages. In addition, the failure of some businesses and sale of others has resulted on some owners needing to become aware of
- local requirements.
- Total cleaning of all private commercial/industrial facilities through SCAP {See BMP 28} and other methods: 346 businesses, 1904 structures and over 330,000 gallons of material removed (1 very large pond rebuild was over 200,000 gals by itself).

D18 WES started a project to update WES' stormwater standards cludes the MS4 requirement to capture and treat 80% of the annual runoff volume, which roughly equates to 1" of rainfall on a nent site. The new standards will prioritize Low Impact Development in (LIDA) to mitigate stormwater runoff. The project is anticipated to leted in December 2022, and the process will include internal staff tent from applicable divisions of WES, Clackamas County engineering ing, City of Happy Valley and regional stakeholders.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	2
57	Component # 6 Post-Construction Site Runoff	Update Procedures for New Development and Significant Redevelopment	17	17	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	CCSD#1: Complete updates to standards to meet new permit requirements by June 30, 2013	Attained	In July 201 which inclu average ru developme Approach (be comple involveme & planning
58	Component # 6 Post-Construction Site Runoff	Update Procedures for New Development and Significant Redevelopment	17	17	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	CCSD#1: Complete guidance manual for developers to facilitate the implementation of the new standards by June 30, 2013	Attained	In July 201 which inclu average ru developme Approach be comple involveme & planning
59	Component # 6 Post-Construction Site Runoff	Update Procedures for New Development and Significant Redevelopment	17	17	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	SWMACC: Policy development and implementation by November 1, 2014.	Attained	In July 201 which inclu average ru developme Approach be comple involveme & planning
60	Component # 6 Post-Construction Site Runoff	Sizing Tool Development to Address Hydro- modification	18	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Tracking Measure	Net impervious area treated by LID	36.6 acres	The WES D permits wh impervious
61	Component # 6 Post-Construction Site Runoff	Sizing Tool Development to Address Hydro- modification	18	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Tracking Measure	Number of applications submitted using sizing tool	12	Twelve dev stormwate
62	Component # 6 Post-Construction Site Runoff	Sizing Tool Development to Address Hydro- modification	18	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Tracking Measure	Customer feedback and community relations about the simplified tool (for development engineers) that sizes LID BMPs (in order to address the duration of elevated flow levels in addition to addressing flow volumes and peaks; and in order to address the long-term impacts of increased runoff from development).	Attained	As part of f Brown and period on r stakeholde organizatio

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018 WES started a project to update WES' stormwater standards acludes the MS4 requirement to capture and treat 80% of the annual runoff volume, which roughly equates to 1" of rainfall on a ment site. The new standards will prioritize Low Impact Development ch (LIDA) to mitigate stormwater runoff. The project is anticipated to bleted in December 2022, and the process will include internal staff nent from applicable divisions of WES, Clackamas County engineering ing, City of Happy Valley and regional stakeholders.

018 WES started a project to update WES' stormwater standards acludes the MS4 requirement to capture and treat 80% of the annual runoff volume, which roughly equates to 1" of rainfall on a ment site. The new standards will prioritize Low Impact Development ch (LIDA) to mitigate stormwater runoff. The project is anticipated to oleted in December 2022, and the process will include internal staff nent from applicable divisions of WES, Clackamas County engineering ing, City of Happy Valley and regional stakeholders.

018 WES started a project to update WES' stormwater standards acludes the MS4 requirement to capture and treat 80% of the annual runoff volume, which roughly equates to 1" of rainfall on a ment site. The new standards will prioritize Low Impact Development ch (LIDA) to mitigate stormwater runoff. The project is anticipated to bleted in December 2022, and the process will include internal staff nent from applicable divisions of WES, Clackamas County engineering ing, City of Happy Valley and regional stakeholders.

S Development Services team approved twenty-five development which treated stormwater runoff by LID BMPs with the net bus area of 36.59 acres.

development projects applied the BMP Sizing Tool to control ater runoff.

of the ongoing update to the SW standards, WES in partnership with nd Caldwell conducted a robust public outreach and comment n proposed changes alongside WES Staff, meeting with major WES Iders such as regional watershed councils, and community planning tions.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
63	Component # 6 Post-Construction Site Runoff	Sizing Tool Development to Address Hydro- modification	18	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Measurable Goal	The primary goal is to develop, by June 30, 2013, a tool to assist development engineers with the design/sizing of stormwater management facilities in order to reduce target pollutants and stream degradation impacts (i.e., hydro- modification) associated with the development of impervious surfaces.	Attained	In July 2018 which inclu average rui developme Approach (be complet involvemer & planning
64	Component # 7 Pollution Prevention for Municipal Operations BMPs	Street Sweeping	19	18		HV	DTD	Happy Valley DTD	Tracking Measure	Number of miles that were swept in Happy Valley	1,495 miles For Clackamas County roads, see DTD's 2021-22 MS4 Annual Report.	858 Happy area. For n 2020-21 M
65	Component # 7 Pollution Prevention for Municipal Operations BMPs	Street Sweeping	19	18		HV	DTD	Happy Valley DTD	Tracking Measure	Mass or volume of material removed during sweeping in Happy Valley	1,096 cubic yards For Clackamas County roads, see DTD's 2021-22 MS4 Annual Report.	Happy Vall removed 3 mass or vo 2020-21 M
66	Component # 7 Pollution Prevention for Municipal Operations BMPs	Street Sweeping	19	18		HV	DTD	Happy Valley DTD	Measurable Goal	City of Happy Valley sweeps approximately 100 lane miles of curbed streets per year on average	Attained For Clackamas County roads, see DTD's 2021-22 MS4 Annual Report.	City of Hap
67	Component # 7 Pollution Prevention for Municipal Operations BMPs	Operations & Maintenance for Public Streets	20	19		ΗV	DTD	Happy Valley DTD	Tracking Measure	Mass or volume of material removed by the City of Happy Valley "Adopt-a-Road" program	Not Applicable	Happy Valle operations litter from removed 2 The Shared removed th SWMP bec
68	Component # 7 Pollution Prevention for Municipal Operations BMPs	Operations & Maintenance for Public Streets	20	19		HV	DTD	Happy Valley	Tracking Measure	Number of illegal solid waste dumps that are removed in the City of Happy Valley	Unknown	Happy Valle dump sites Happy Valle more inform
69	Component # 7 Pollution Prevention for Municipal Operations BMPs	Operations & Maintenance for Public Streets	20	19		HV	DTD	Happy Valley DTD	Tracking Measure	Mass or volume of material that is removed by the elimination of illegal solid waste	Unknown	See row 68

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D18 WES started a project to update WES' stormwater standards cludes the MS4 requirement to capture and treat 80% of the annual runoff volume, which roughly equates to 1" of rainfall on a ment site. The new standards will prioritize Low Impact Development in (LIDA) to mitigate stormwater runoff. The project is anticipated to leted in December 2022, and the process will include internal staff tent from applicable divisions of WES, Clackamas County engineering ing, City of Happy Valley and regional stakeholders.

py Valley miles and 637 miles in the remaining WES MS4 service r miles swept by Clackamas County DTD sweepers, please see DTD's MS4 annual report.

alley removed 763 cubic yards. On behalf of WES, Happy Valley 333 cubic yards in the remaining WES MS4 service area. For the volume of debris that Clackamas County DTD removed, see DTD's MS4 annual report.

appy Valley exceeded its goal of 100 miles.

alley no longer has an Adopt-a-Road program as part of its ns and maintenance of public streets. Instead, the City captures m its streets through its street sweeping program. Happy Valley I 25 yards of material.

ed SWMP, which was submitted to DEQ for approval in 2017, this BMP, but Happy Valley has been unable to implement this ecause it has not been approved by DEQ, as of October 2022.

alley partners with Metro's RID Patrol program to remove the illegal es in the City. Metro tracks the amount of material removed in alley. Please contact Metro at (503) 797-1700 or (503) 234-3000 for ormation.

68's response.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	2021 - 22 Response Comment
										dumping sites in the City of Happy Valley		
	Pollution	Operations & Maintenance for Public Streets	20	19		HV	DTD	Happy Valley DTD	Tracking Measure	Amount of sand applied and then removed by Happy Valley as a result of a snow/ice event and time of removal after the event	182 yards applied of sand and 144 yards of sand removed	Happy Valley applied 182 yards of sand as a result of this year's snow/ice events and picked up 144 yards of sand after the events.
71	Component # 7 Pollution Prevention for Municipal Operations BMPs	Operations & Maintenance for Public Streets	20	19		ΗV	DTD	Happy Valley DTD	Measurable Goal	Remove illegal solid waste dumps as they are discovered	Attained	Metro partners with Happy Valley to remove the illegal dump sites in the City. Metro tracks the amount of material removed in Happy Valley.
	Component # 7 Pollution Prevention for Municipal Operations BMPs	Operations & Maintenance for Public Streets	20	19		HV	DTD	Happy Valley DTD	Measurable Goal	Collect sand applied for ice/snow events within 10 days of the end of the event	Attained	 Happy Valley collected 144 yards of sand within 10 days of the end of the snow/ice events this past year. Happy Valley used 6,155 gallons of Magnesium Chloride for deicing. See DTD's 2021-22 MS4 Annual Report for the work DTD performed on County-maintained roads.
73	Component # 7 Pollution Prevention for Municipal Operations BMPs	Operations & Maintenance for Public Streets	20	19		ΗV	DTD	Happy Valley DTD	Measurable Goal		See DTD's 2021-22 MS4 Annual Report	See DTD's 2021-22 MS4 Annual Report for the work DTD performed on County-maintained roads.
	Prevention for Municipal Operations BMPs	Proper Road Maintenance Practices to Reduce the Discharge of Pesticides, Herbicides and Fertilizers	21	20		ΗV	DTD	Happy Valley DTD	Tracking Measure	Happy Valley - The quantity of herbicide products used per zip code. This is the same data that will be reported to Oregon's Department of Agriculture per the Pesticide Use Reporting System.	See the list in the adjacent column	 Data reported in the Oregon Department of Agriculture's Pesticide Use Reporting System include the following: <u>City Hall</u> Speed Zone – 5.44 oz, Sevin SL – 5.44 oz, Lime – 195.84 oz, Ferrous sulfate Heptahydrate – 51 lbs, Barricade 65WG – 32 oz, Gallery – 12 oz, Vessel – 21.74 oz <u>Public Works Yard</u> Rodeo – 17 oz, LI 700 – 8.5 oz Happy Valley Park Rodeo – 109 oz, LI 700 – 54.5 oz, Gly Star Glyphosate – 40 oz, Vastlan – 30 oz, Competitor – 20 oz, Hi-light – 10 oz <u>CPC/Annex</u> Speed Zone – 1.6 oz, Sevin SL – 1.6 oz, Lime – 57.6 oz, Ferrous Sulphate Heptahydrate – 15 lbs, Barricade 65WG – 2.4 oz, Gallery – .9 oz, Vessel – 6.4 oz <u>Library</u> Speed Zone – .24 oz, Sevin SL – .24 oz, Lime – 11.52 oz, Barricade 65WG – 4.8 oz, Gallery – 1.8 oz, Rodeo – 8 oz, Vastlan – 6 oz, Competitor – 4 oz, Hi Light – 2 oz, Vessel – 1.2 oz <u>City Owned Spaces</u> Rodeo – 33.5 oz, LI 70 0 – 16.75 oz, Snapshot – 20 lbs.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	9
75	Component # 7 Pollution Prevention for Municipal Operations BMPs	Proper Road Maintenance Practices to Reduce the Discharge of Pesticides, Herbicides and Fertilizers	21	20		HV	DTD	Happy Valley DTD	Tracking Measure	DTD roads: See tracking measures in the DTD MS4 NPDES SWMP	See DTD's 2021-22 MS4 Annual Report	See DTD's and fertiliz
76	Component # 7 Pollution Prevention for Municipal Operations BMPs	Proper Road Maintenance Practices to Reduce the Discharge of Pesticides, Herbicides and Fertilizers	21	20		HV	DTD	Happy Valley DTD	Measurable Goal	Happy Valley Roads: Continue to implement the integrated pest management portion of the ODOT Routine Road Maintenance Manual	Attained	City of Hap Routine Ro
77	Component # 7 Pollution Prevention for Municipal Operations BMPs	Landscape Maintenance Practices to Reduce the Discharge of Pesticides, Herbicides and Fertilizers	22	21	Formerly, CCSD#1 and SWMACC	HV	DTD	WES (formerly, SWMACC and CCSD#1) Happy Valley DTD	Tracking Measure	The number of meetings conducted	Attained	No meetin required to The meetin MS4 co-pe
78	Component # 7 Pollution Prevention for Municipal Operations BMPs	Landscape Maintenance Practices to Reduce the Discharge of Pesticides, Herbicides and Fertilizers	22	21	Formerly, CCSD#1 and SWMACC	HV	DTD	WES (formerly, SWMACC and CCSD#1) Happy Valley DTD	Tracking Measure	The results and follow-up activities conducted as a result of the meetings	Attained	During the result of th term, since
79	Component # 7 Pollution Prevention for Municipal Operations BMPs	Landscape Maintenance Practices to Reduce the Discharge of Pesticides, Herbicides and Fertilizers	22	21	Formerly, CCSD#1 and SWMACC	ΗV	DTD	WES (formerly, SWMACC and CCSD#1) Happy Valley DTD	Measurable Goal	Check back in with all County & City of Happy Valley buildings and facilities that were visited (during the last permit cycle) at least once during this permit cycle		This check time perio public age

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Monument Sign

- Lime 80.64 oz, Ferrous sulfate Heptahydrate 21 lbs, Barricade 65WG – 2.08 oz, Gallery – .78 oz <u>Happy Valley Nature Park</u>
- Rodeo 16 oz, Vastlan 15 oz, Competitor 8 oz, Hi Light 3 oz Ashley Meadows Park
- Speed Zone 105.6 oz, Sevin SL 105.6 oz, Barricade 65WG 6.24 oz, Gallery 2.34 oz, Vessel 105.6 oz, Ferrous Sulfate 330 lbs <u>Village Green Park</u>
- Lime 120 oz, Ferrous Sulfate 30 lbs, Vessel 22.4 oz, Sevin SL 3.2 oz, Speed Zone 3.2 oz
- Southern Lites Park
- Ferrous Sulfate 75 lbs, Barricade 3.12 oz

's 2021-22 MS4 Annual Report for the County's pesticide, herbicide ilizer use in County-maintained roads.

Happy Valley continues to implement the IPM portion of the ODOT Road Maintenance Manual and held 5 meetings.

tings were held in 2021-22 because the meetings which were to be held during the permit term have already been held. Note: etings with the local government agencies and districts who are not permittees have also been held already.

the 2021-22 permit year, WES did not conduct follow-up activities as a f the meetings which were held in previous years during this permit nce this work has already been done.

eck-in process occurred during meetings which were held during this riod: June 2016 to February 2017. WES sent a follow-up letter to each gency after the meetings were held.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
80	Component # 7 Pollution Prevention for Municipal Operations BMPs	Landscape Maintenance Practices to Reduce the Discharge of Pesticides, Herbicides and Fertilizers	22	21	Formerly, CCSD#1 and SWMACC	HV		WES (formerly, SWMACC and CCSD#1) Happy Valley	Measurable Goal	Develop and implement an Integrated Pest Management plan by December 31, 2012	Attained	This IPM p and it cont
81	Component # 7 Pollution Prevention for Municipal Operations BMPs	Control Infiltration and Cross Connections to the District's Stormwater System	23	22	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of cross- connections/ sanitary discharges identified	1	A home on storm syste The cross of contamina repair to el pond was of For more in <u>Discharge I</u>
82	Component # 7 Pollution Prevention for Municipal Operations BMPs	Control Infiltration and Cross Connections to the District's Stormwater System	23	22	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	The number and type of inspections performed, abatement actions and enforcement actions taken	2,869 water quality facilities and structures inspected for infiltration and cross connections	
83	Component # 7 Pollution Prevention for Municipal Operations BMPs	Control Infiltration and Cross Connections to the District's Stormwater System	23	22	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Eliminate any identified sanitary discharges to the storm system.	Attained	Two sanita which were instances a
84	Component # 7 Pollution Prevention for Municipal Operations BMPs	Flood Management Projects and Water Quality	24	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Tracking Measure	Number of retrofits constructed that address water quality treatment	0	No project plans for fu
85	Component # 7 Pollution Prevention for Municipal Operations BMPs	Flood Management Projects and Water Quality	24	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Tracking Measure	Number of flood management projects implemented or constructed and the percentage of those projects that include water quality Components	0	WES comp • S II v F • C F r Neither, ho

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1 plan was developed and implemented prior to December 31, 2012 ontinued to be implemented in 2021-22.

on SE Deremer Lane in Happy Valley was cross-connected to the ystem and affected a newly created storm pond in the development. ss connection was corrected, the contractor cleaned and removed the nated material from the affected storm pond, and WES inspected the o ensure that the cross connection was completed and the storm as cleaned.

e information see the January 10, 2022 entry in <u>Table 2. Illicit</u> <u>ge Events</u>.

a preventative maintenance activities within the MS4, staff visually some structures for condition assessment to include evidence of nnections. WES staff looks for evidence of cross connection during pection and cleaning activities. Staff also conducts routine video ince using closed-circuit television inspections of the sanitary system fort to find and eliminate any cross connection.

A with WES' partnership cities, WES formalized a water quality and ated infiltration and inflow abatement program where WES will ite up to 30 percent of CIP projects from nine local cities whose will reduce infiltration and inflow at WES' Kellogg and Tri-City Water e Recovery Facilities.

itary sewer overflows occurred in WES' MS4 service area, none of ere conveyed through infiltration or cross-connections. In all is all debris was removed and all MS4 assets were cleaned.

ects have been completed in these categories, but we are working on r future years.

npleted the following flood management projects:

- Spring Mountain Storm Slip Lining: Completed Feb 2022. We slip lined a storm pipe that was chronically plugged with roots that would result in flooding of a greenspace and private property. Replaced a failing manhole.
- CIPP on Storm Pipe on SE 121st: We completed CIPP on a storm pipe at the end of SE 121st. This pipe was chronically plugged with roots that resulted in flooding of private property

however, included water quality components.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
	Component # 7 Pollution Prevention for Municipal Operations BMPs	Flood Management Projects and Water Quality	24	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Measurable Goal	Ensure all planned stormwater CIPs include consideration of water quality.	No projects have been completed in these categories, but we are working on plans for future years	WES is fina improvem
	Component # 7 Pollution Prevention for Municipal Operations BMPs	Detention Pond Retrofit Program	25	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Tracking Measure	Track pilot testing activities	No projects have been completed in these categories, but we are working on plans for future years	Opti equip 2018-19, is shows an i discharge r
	Component # 7 Pollution Prevention for Municipal Operations BMPs	Detention Pond Retrofit Program	25	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Tracking Measure	Number, type, and location of retrofits	No projects have been completed in these categories, but we are working on plans for future years	WES is fina detention
	Component # 7 Pollution Prevention for Municipal Operations BMPs	Detention Pond Retrofit Program	25	N/A	Formerly, CCSD#1			WES (formerly, CCSD#1)	Measurable Goal	The primary goal of the retrofit program is to retrofit existing ponds to improve their function to better meet watershed health goals. The goal will be to conduct 2 to 5 retrofits per year.	No projects have been completed in these categories, but we are working on plans for future years	WES is fina detention
	Component #8 Structural Stormwater Facility Operations and Maintenance	Maintenance of Conveyance System Components and Structural Controls	26	23	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Miles of ditches and storm lines maintained	1.01 miles	WES inspect maintained DTD has pe
	Component #8 Structural Stormwater Facility Operations and Maintenance	Maintenance of Conveyance System Components and Structural Controls	26	23	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number and type of components inspected and/or cleaned	2,933 assets	WES inspect control pip discharge p inspected a
	Stormwater Facility	Maintenance of Conveyance System Components and Structural Controls	26	23	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Mass or volume of material removed during cleaning	489 cubic yards	Of the tota manholes, comes fron ponds and cubic yards WES remov A standard which is re removed a field inlets.

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alizing a formalized CIP. This effort will include water quality ent projects.
ment, which was planned, constructed and test piloted before s fully operational in three detention ponds. Performance data ncrease in detention time and a decrease in wet weather rates from the ponds.
alizing a formalized CIP. The new CIP includes a program for pond retrofits.
alizing a formalized CIP. The new CIP includes a program for pond retrofits.
cted and/or cleaned 0.9 miles of storm pipe. Happy Valley d 600 linear feet (or 0.114 miles) of ditches. For ditch cleaning tha erformed, please, see DTD's MS4 Annual Report.
cted and /or provided maintenance of 17 manholes, 5 cleanouts, bes, 134 control points, 59 detention ponds, 3 culverts, 35 points, 2539 inlets and 67 stormwater pipes. Happy Valley and 6 catch basins and 60 field inlets.
al cubic yards removed during the cleaning of catch basins, ponds, swales and other stormwater assets, the vast majority n catch basin cleaning. The volume removed from manholes,

nd other assets are de minimis and therefore are not included in the irds removed. noved approximately 468 cubic yards of material from catch basins.

moved approximately 468 cubic yards of material from catch basins. dard catch basin sump that is 60% full has 0.172 cubic yards of debris, s removed during cleaning and totaled 468 cubic yards. Happy Valley ed approximately 21 cubic yards of material from catch basins and lets.

	Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
9	3	Structural Stormwater Facility	Maintenance of Conveyance System Components and Structural Controls	26	23	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	WES: Clean storm lines and ditches on an as- needed basis. Identify inspection frequency.	Attained	WES inspec using a pre
9	14	Stormwater Facility	Maintenance of Conveyance System Components and Structural Controls	26	23	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	WES: Maintain structural water quality facilities on a 3-year cycle.	Not attained	WES is tran of water qu cycle. The targete basins. WE percent. W belongs to process im of the Cour
9	15	Structural Stormwater Facility	Maintenance of Conveyance System Components and Structural Controls	26	23	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	WES: Conduct conveyance system assessment by January 31, 2013.	Attained	WES condu 31, 2013. / manageme computeriz crews have improve th
9	6	Component #8 Structural Stormwater Facility Operations and Maintenance	Conduct Catch Basin Cleaning and Maintenance	27	24	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Track the percent of District owned or District operated/maintained catch basins cleaned per year	29 percent	2,539 catch
9	7	Component #8 Structural Stormwater Facility Operations and Maintenance	Conduct Catch Basin Cleaning and Maintenance	27	24	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Track the volume of debris removed during cleaning activities	489 cubic yards	WES remov A standard which is re- removed a field inlets.
9	8	Component #8 Structural Stormwater Facility Operations and Maintenance	Conduct Catch Basin Cleaning and Maintenance	27	24	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Clean 50% of District owned or District operated/maintained public catch basins each year.	Not attained	WES cleane inlets).
9	9	Component #8 Structural Stormwater Facility Operations and Maintenance	Conduct Catch Basin Cleaning and Maintenance	27	24	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Schedule repair or replacement of catch basins based on inspection results	Attained	Repairs we capital eng
1	00		Storm Drain Cleaning Assistance Program	28	25	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of agreement holders compared with the number of annual reports received and the	148 Active Commercial Maintenance Agreements in the MS4 area 61 CMA properties	SCAP and c changed to cited is the

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ects its conveyance system components and structural controls reventative maintenance schedule.

ansitioning to an inspection based maintenance program where all quality structures are inspected and/or cleaned within a three-year

eted 2021-22 goal was 1/3rd of the total 8,904 WES-maintained catch WES came close to achieving the 1/3rd with a performance of 29 WES will continue to improve its performance because this goal to and is included in WES' **Performance Clackamas**, which is our mprovement system that reports performance measures and is part bunty's **Managing For Results** initiative.

ducted the initial conveyance system assessment prior to January . As part of its operations, WES continues to improve its asset nent best practices. WES has made improvements to GIS and the erized maintenance management system (CMMS). Maintenance we field tablets with access to current mapping and the CMMS to the tracking of activities pertaining to the conveyance system assets.

tch basins were cleaned.

noved approximately 468 cubic yards of material from catch basins. rd catch basin sump that is 60% full has 0.172 cubic yards of debris, removed during cleaning and totaled 468 cubic yards. Happy Valley approximately 21 cubic yards of material from catch basins and ts.

ned 29% of all district operated catch basins cleaned (or 2,539

vere completed as discovered by inspections or referred to our ngineering staff for a larger repair project.

d other commercial private storm drain cleaning tracking has been to calendar year reporting rather than permit year. The information ne 2021 calendar year.

Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
										number devices being serviced by the vendor	submitted reports 610 structures cleaned (245 by the vendor)	
101	Component #8 Structural Stormwater Facility Operations and Maintenance	Storm Drain Cleaning Assistance Program	28	25	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Total number of businesses serviced by the vendor with total number of devices maintained and volume of debris removed	By Vendor: 51 businesses, 265 devices and over 77,000 gallons. By Vendor and others: 346 businesses, 1904 structures and over 330,000 gallons of material removed (1 very large pond rebuild was over 200,000 gals by itself).	SCAP and c year repor calendar ye to be const resources o requireme owners are material w
102	Component #8 Structural Stormwater Facility Operations and Maintenance	Storm Drain Cleaning Assistance Program	28	25	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Continue to provide assistance to commercial and industrial facilities to support their water quality facility maintenance.	Attained	WES partn Wood Villa Cleaning A program co Fall portion prioritized avoiding po the MS4. V required o
103	Component #8 Structural Stormwater Facility Operations and Maintenance	Private Water Quality Facility Maintenance Program	29	26	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Tracking Measure	Number of structures inspected and cleaned	793 assets	BMP #29 is approxima homeowne which func
104	Component #8 Structural Stormwater Facility Operations and Maintenance	Private Water Quality Facility Maintenance Program	29	26	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Inspect 70% of our maintenance agreement sub-divisions annually	38 percent. Not attained.	WES comp subdivisior
105	Component #8 Structural Stormwater Facility Operations and Maintenance	Private Water Quality Facility Maintenance Program	29	26	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	Cleaning and repair schedules will be developed based on inspection outcomes		Any repair: based on t
106	Component #8 Structural Stormwater Facility Operations and Maintenance	Private Water Quality Facility Maintenance Program	29	26	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Measurable Goal	All non-maintenance agreement cleaning and repairs will be request or service driven	Attained	Any non-m requests fo

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d other commercial private storm drain cleaning tracking is calendar orting rather than permit year. The information cited is for the 2021 r year. The COVID-19 pandemic and employment situation continued nstraints on compliance as it restricted the staffing and financial es of many businesses to meet the inspection and cleaning nents. In addition some businesses have failed or were sold and new are coming up to speed on local requirements and the volume of I was not captured from many sites.

thered with the cities of Milwaukie, Gresham, Fairview, Oregon City, illage and Oak Lodge Water Services District on a Storm Drain Assistance Program (SCAP) for private stormwater facilities. The n consisted of a Spring and Fall campaign with a USPS mailing for the ion. To seek better compliance, WES staff continued a series of ed onsite inspections that included assessments and guidance on possible onsite practices that could serve as sources of pollution to 4. Where deficiencies were identified by WES staff, corrections were d of the properties.

9 is only for those storm sewer systems constructed since mately 1996 which are located in single-family residential areas; vners in these areas pay an additional \$3 fee to WES per month unds the operation and maintenance of these storm sewer systems.

npleted inspections in 136 of 359 maintenance agreement ions.

airs or cleanings were subsequently scheduled and/or completed n the inspection results.

-maintenance agreement cleanings and/or repairs were initiated by s for service.

ſ	Row No.	Surface Water Management Plan Component	Best Management Practice (BMP)	Former CCSD#1 BMP #	Former SWMACC BMP #	WES	Happy Valley	Other	Jurisdiction	Туре	Tracking Measures and Measurable Goals (as listed in the 2012 SWMP)	2021 - 22 Tracking Measure or Measurable Goal Response	
		Component #8 Structural Stormwater Facility Operations and Maintenance	Private Water Quality Facility Maintenance Program	29	26	Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Goal	Emergency driven cleaning and maintenance will be addressed within 24 hours of the call being received		All emerger
		Structural Stormwater Facility	Private Water Quality Facility Maintenance Program	29		Formerly, CCSD#1 and SWMACC			WES (formerly, SWMACC and CCSD#1)	Goal	All non-emergency requests for service will be addressed within 72 hours of the call received		On average within the 5

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gency requests were responded to once the requests were received.

age, most non-emergency request were responded to or completed are 72 hour time frame.

Appendix B: MS4 Pollutant Monitoring Locations and Results

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Monitoring Location ID	Monitoring Location Name	Monitoring Location Type	Latitude	Longitude <u>Horizontal Datum</u>	Coordinate Collection Method	Monitoring Location Description	Tribal Land?	Tribal Land Name	County Name	State Code	HUC 8 Code	Date Established	Monitoring Location Comments
AC24780	GL_001_RG	River/Stream	45.382209	-122.603876 WGS84	Interpolation-Map	City of Gladstone - Risley Ave (Routine			CLACKAMAS	OR	17090012		Collected by CLD
AC28984 AC24712	GL_001_RG SWMACC_203_C	River/Stream Storm Sewer	45.382209 45.384318	-122.603876 WGS84 -122.734677 WGS84	Interpolation-Map Interpolation-Map	City of Gladstone - Risley Ave (Routine River Grove Boat Ramp	No No		CLACKAMAS CLACKAMAS	OR OR	17090012 17090010		Collected by CLD Collected by MZ
AC24712 AC24713	CCSD1_101_C	Storm Sewer	45.427959	-122.589972 WGS84	Interpolation-Map	SE Pheasant Ct.	No		CLACKAMAS	OR	17090012		Collected by MZ
AC24714	CCSD1_102_C	Storm Sewer	45.405418	-122.586692 WGS84	Interpolation-Map	SE Webster @ Kellogg Cr.	No		CLACKAMAS	OR	17090012		Collected by JEC
AC24715	CCSD1_103_C	Storm Sewer	45.422529	-122.513863 WGS84	Interpolation-Map	Sunnyside Vil Apts & Oregon Trail Dr	No		CLACKAMAS	OR	17090011		Collected by CLD
AC24716	CCSD1_105_C	Storm Sewer	45.422521	-122.513894 WGS84	Interpolation-Map	Sunnyside Village @ pond	No		CLACKAMAS	OR	17090011		Collected by CLD
AC24720	SWMACC_203_G	Storm Sewer	45.384318	-122.734677 WGS84	Interpolation-Map	River Grove Boat Ramp	No		CLACKAMAS	OR	17090010		Collected by MZ
AC24721 AC24722	CCSD1_101_G CCSD1_102_G	Storm Sewer Storm Sewer	45.427959 45.405418	-122.589972 WGS84 -122.586692 WGS84	Interpolation-Map Interpolation-Map	SE Pheasant Ct. Grab	No No		CLACKAMAS CLACKAMAS	OR OR	17090012 17090012		Collected by JEC Collected by JEC
AC24722 AC24723	CCSD1_102_G CCSD1_103_G	Storm Sewer	45.422529	-122.513863 WGS84	Interpolation-Map	SE Webster @ Kellogg Cr. Grab Sunnyside Vil Apts & Oregon Trail Dr G			CLACKAMAS	OR	17090012		Collected by CLD
AC24724	CCSD1_105_G	Storm Sewer	45.422521	-122.513894 WGS84	Interpolation-Map	Sunnyside Village @ pond	No		CLACKAMAS	OR	17090011		Collected by CLD
AC31149	CCSD1_101_C	Storm Sewer	45.427959	-122.589972 WGS84	Interpolation-Map	SE Pheasant Ct.	No		CLACKAMAS	OR	17090012		Collected by CLD
AC31150	CCSD1_102_C	Storm Sewer	45.405418	-122.586692 WGS84	Interpolation-Map	SE Webster @ Kellogg Cr.	No		CLACKAMAS	OR	17090012		Collected by CLD
AC31151	CCSD1_103_C	Storm Sewer	45.422529	-122.513863 WGS84	Interpolation-Map	Sunnyside Vil Apts & Oregon Trail Dr	No		CLACKAMAS	OR	17090011		Collected by CLD
AC31152	CCSD1_105_C	Storm Sewer	45.422521	-122.513894 WGS84	Interpolation-Map	Sunnyside Village @ pond	No		CLACKAMAS	OR	17090011		Collected by CLD
AC31153 AC31156	SWMACC_203_C CCSD1_101_G	Storm Sewer Storm Sewer	45.384318 45.427959	-122.734677 WGS84 -122.589972 WGS84	Interpolation-Map Interpolation-Map	River Grove Boat Ramp SE Pheasant Ct. Grab	No No		CLACKAMAS CLACKAMAS	OR OR	17090010 17090012		Collected by MZ Collected by CLD
AC31157	CCSD1_101_G CCSD1_102_G	Storm Sewer	45.405418	-122.586692 WGS84	Interpolation-Map	SE Webster @ Kellogg Cr. Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC31158	CCSD1_103_G	Storm Sewer	45.422529	-122.513863 WGS84	Interpolation-Map	Sunnyside Vil Apts & Oregon Trail Dr G			CLACKAMAS	OR	17090011		Collected by CLD
AC31159	CCSD1_105_G	Storm Sewer	45.422521	-122.513894 WGS84	Interpolation-Map	Sunnyside Village @ pond	No		CLACKAMAS	OR	17090011		Collected by CLD
AC31160	SWMACC_203_G	Storm Sewer	45.384318	-122.734677 WGS84	Interpolation-Map	River Grove Boat Ramp	No		CLACKAMAS	OR	17090010		Collected by MZ
AC31828	CCSD1_101_C	Storm Sewer	45.427959	-122.589972 WGS84	Interpolation-Map	SE Pheasant Ct.	No		CLACKAMAS	OR	17090012		Collected by JEC
AC31829	CCSD1_102_C	Storm Sewer	45.405418	-122.586692 WGS84	Interpolation-Map	SE Webster @ Kellogg Cr.	No		CLACKAMAS	OR	17090012		Collected by JEC
AC31830 AC31831	CCSD1_103_C CCSD1_105_C	Storm Sewer	45.422529 45.422521	-122.513863 WGS84 -122.513894 WGS84	Interpolation-Map	Sunnyside Vil Apts & Oregon Trail Dr Sunnyside Village @ pond	No No		CLACKAMAS	OR OR	17090011 17090011		Collected by MZ
AC31831 AC31834	SWMACC_203_C	Storm Sewer Storm Sewer	45.384318	-122.734677 WGS84	Interpolation-Map Interpolation-Map	River Grove Boat Ramp	No		CLACKAMAS CLACKAMAS	OR	17090010		Collected by MZ Collected by CLD
AC31835	CCSD1_101_G	Storm Sewer	45.427959	-122.589972 WGS84	Interpolation-Map	SE Pheasant Ct. Grab	No		CLACKAMAS	OR	17090012		Collected by JEC
AC31836	CCSD1_102_G	Storm Sewer	45.405418	-122.586692 WGS84	Interpolation-Map	SE Webster @ Kellogg Cr. Grab	No		CLACKAMAS	OR	17090012		Collected by JEC
AC31837	CCSD1_103_G	Storm Sewer	45.422529	-122.513863 WGS84	Interpolation-Map	Sunnyside Vil Apts & Oregon Trail Dr G	i No		CLACKAMAS	OR	17090011		Collected by MZ
AC31838	CCSD1_105_G	Storm Sewer	45.422521	-122.513894 WGS84	Interpolation-Map	Sunnyside Village @ pond	No		CLACKAMAS	OR	17090011		Collected by MZ
AC31841	SWMACC_203_G	Storm Sewer	45.384318	-122.734677 WGS84	Interpolation-Map	River Grove Boat Ramp	No		CLACKAMAS	OR	17090010		Collected by CLD
AC19548	SWMACC_011_G	River/Stream	45.381564	-122.701652 WGS84	Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS	OR OR	17090010		Collected by CLD
AC19549 AC19550	CARLI_CREEK_005_G CCSD1_007_G	River/Stream River/Stream	45.400363 45.410236	-122.546859 WGS84 -122.522026 WGS84	Interpolation-Map Interpolation-Map	Carli Creek@250 ft Upstream of Culver Hwy 212 and 135th Sieben Creek	No		CLACKAMAS CLACKAMAS	OR	17090011 17090011		Collected by CLD Collected by CLD
AC19551	CCSD1_007_0	River/Stream	45.42814	-122.577163 WGS84	Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC19552	CCSD1_014_G	River/Stream	45.423046	-122.603981 WGS84	Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC19553	CCSD1_015_G	River/Stream	45.428232	-122.602909 WGS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC19554	CCSD1_016_G	River/Stream	45.408582	-122.510777 WGS84	Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC19555	CCSD1_027_G	River/Stream	45.43142	-122.627628 WGS84	Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC20327 AC20328	SWMACC_011_G	River/Stream	45.381564	-122.701652 WGS84	Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS	OR OR	17090010		Collected by CLD
AC20328 AC20329	CARLI_CREEK_005_G CCSD1 007 G	River/Stream River/Stream	45.400363 45.410236	-122.546859 WGS84 -122.522026 WGS84	Interpolation-Map Interpolation-Map	Carli Creek@250 ft Upstream of Culver Hwy 212 and 135th Sieben Creek	No		CLACKAMAS CLACKAMAS	OR	17090011 17090011		Collected by CLD Collected by CLD
AC20323	CCSD1_007_0 CCSD1_011_G	River/Stream	45.42814	-122.577163 WGS84	Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC20331	CCSD1 014 G	River/Stream	45.423046	-122.603981 WGS84	Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC20332	CCSD1_015_G	River/Stream	45.428232	-122.602909 WGS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC20333	CCSD1_016_G	River/Stream	45.408582	-122.510777 WGS84	Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC20334	CCSD1_027_G	River/Stream	45.43142	-122.627628 WGS84	Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC21417 AC21418	SWMACC_011_G	River/Stream	45.381564 45.400363	-122.701652 WGS84 -122.546859 WGS84	Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS CLACKAMAS	OR OR	17090010		Collected by CLD
AC21418 AC21419	CARLI_CREEK_005_G CCSD1_007_G	River/Stream River/Stream	45.410236	-122.522026 WGS84	Interpolation-Map Interpolation-Map	Carli Creek@250 ft Upstream of Culver Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by CLD Collected by CLD
AC21420	CCSD1 011 G	River/Stream	45.42814	-122.577163 WGS84	Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC21421	CCSD1_014_G	River/Stream	45.423046	-122.603981 WGS84	Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC21422	CCSD1_015_G	River/Stream	45.428232	-122.602909 WGS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC21423	CCSD1_016_G	River/Stream	45.408582	-122.510777 WGS84	Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC21424	CCSD1_027_G	River/Stream	45.43142	-122.627628 WGS84	Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC22922 AC22923	SWMACC_011_G CARLI CREEK 005 G	River/Stream	45.381564 45.400363	-122.701652 WGS84 -122.546859 WGS84	Interpolation-Map Interpolation-Map	Mossy Brae Pecan Creek Carli Creek@250 ft Upstream of Culver	No		CLACKAMAS CLACKAMAS	OR OR	17090010 17090011		Collected by CLD
AC22923 AC22924	CCSD1_007_G	River/Stream River/Stream	45.400363	-122.520026 WGS84	Interpolation-Map	Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by CLD Collected by CLD
AC22925	CCSD1_007_0 CCSD1_011_G	River/Stream	45.42814	-122.577163 WGS84	Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC22926	CCSD1 014 G	River/Stream	45.423046	-122.603981 WGS84	Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC22927	CCSD1_015_G	River/Stream	45.428232	-122.602909 WGS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC22928	CCSD1_016_G	River/Stream	45.408582	-122.510777 WGS84	Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC22929	CCSD1_027_G	River/Stream	45.43142	-122.627628 WGS84	Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC24768	SWMACC_011_G	River/Stream	45.381564	-122.701652 WGS84	Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS	OR	17090010		Collected by CLD
AC24769 AC24770	CARLI_CREEK_005_G CCSD1_007_G	River/Stream River/Stream	45.400363 45.410236	-122.546859 WGS84 -122.522026 WGS84	Interpolation-Map Interpolation-Map	Carli Creek@250 ft Upstream of Culver Hwy 212 and 135th Sieben Creek	No		CLACKAMAS CLACKAMAS	OR OR	17090011		Collected by CLD Collected by CLD
AC24771	CCSD1_007_0	River/Stream	45.42814	-122.577163 WGS84	Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC24772	CCSD1_014_G	River/Stream	45.423046	-122.603981 WGS84	Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC24773	CCSD1_015_G	River/Stream	45.428232	-122.602909 WGS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC24774	CCSD1_016_G	River/Stream	45.408582	-122.510777 WGS84	Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC24775	CCSD1_024_G	River/Stream	45.405282	-122.565343 WGS84	Interpolation-Map	Last Road Cow Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC24776	CCSD1_027_G	River/Stream	45.43142	-122.627628 WGS84 -122.701652 WGS84	Interpolation-Map	Rowe Middle School Grab	No No		CLACKAMAS	OR OR	17090012		Collected by CLD
AC26171 AC26172	SWMACC_011_G CARLI CREEK 005 G	River/Stream River/Stream	45.381564 45.400363	-122.701652 WG884 -122.546859 WG884	Interpolation-Map Interpolation-Map	Mossy Brae Pecan Creek Carli Creek@250 ft Upstream of Culver			CLACKAMAS CLACKAMAS	OR	17090010 17090011		Collected by MJZ/CLD Collected by MJZ/CLD
AC26172 AC26173	CCSD1_007_G	River/Stream	45.410236	-122.522026 WGS84	Interpolation-Map	Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by MJZ/CLD
AC26174	CCSD1_011_G	River/Stream	45.42814	-122.577163 WGS84	Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by MJZ/CLD
AC26175	CCSD1_014_G	River/Stream	45.423046	-122.603981 WGS84	Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by MJZ/CLD
AC26176	CCSD1_015_G	River/Stream	45.428232	-122.602909 WGS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by MJZ/CLD
AC26177	CCSD1_016_G	River/Stream	45.408582	-122.510777 WGS84	Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by MJZ/CLD
AC26178	CCSD1_024_G	River/Stream	45.405282	-122.565343 WGS84	Interpolation-Map	Last Road Cow Creek	No		CLACKAMAS	OR	17090011		Collected by MJZ/CLD
AC26179	CCSD1_027_G	River/Stream	45.43142	-122.627628 WGS84	Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by MJZ/CLD

Monitoring Location ID	Monitoring Location Name	Monitoring Location Type	Latitude	Longitude	<u>Horizontal Datum</u>	Coordinate Collection Method	Monitoring Location Description	Tribal Land?	Tribal Land Name	County Name	State Code	HUC 8 Code	Date Established	Monitoring Location Comments
AC27470	SWMACC_011_G	River/Stream	45.381564	-122.701652 WG		Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS	OR	17090010		Collected by CLD
AC27471	CARLI_CREEK_005_G	River/Stream	45.400363	-122.546859 W0		Interpolation-Map	Carli Creek@250 ft Upstream of Culve			CLACKAMAS	OR	17090011		Collected by CLD
AC27472	CCSD1_007_G	River/Stream	45.410236	-122.522026 W0		Interpolation-Map	Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC27473	CCSD1_011_G	River/Stream	45.42814	-122.577163 W0		Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC27474	CCSD1_014_G	River/Stream	45.423046	-122.603981 W0		Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC27475	CCSD1_015_G	River/Stream	45.428232	-122.602909 W0	GS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC27476	CCSD1_016_G	River/Stream	45.408582	-122.510777 W0	GS84	Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC27477	CCSD1_024_G	River/Stream	45.405282	-122.565343 W0	GS84	Interpolation-Map	Last Road Cow Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC27478	CCSD1_027_G	River/Stream	45.43142	-122.627628 WG	GS84	Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC28970	SWMACC_011_G	River/Stream	45.381564	-122.701652 W0	GS84	Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS	OR	17090010		Collected by CLD
AC28971	CARLI_CREEK_005_G	River/Stream	45.400363	-122.546859 W0	GS84	Interpolation-Map	Carli Creek@250 ft Upstream of Culve	erl No		CLACKAMAS	OR	17090011		Collected by CLD
AC28972	CCSD1_007_G	River/Stream	45.410236	-122.522026 W0	GS84	Interpolation-Map	Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC28973	CCSD1_011_G	River/Stream	45.42814	-122.577163 W0	GS84	Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC28974	CCSD1 014 G	River/Stream	45.423046	-122.603981 W0	GS84	Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC28975	CCSD1 015 G	River/Stream	45.428232	-122.602909 W0	GS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC28976	CCSD1 016 G	River/Stream	45,408582	-122.510777 W0	GS84	Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC28977	CCSD1 024 G	River/Stream	45.405282	-122.565343 W0	GS84	Interpolation-Map	Last Road Cow Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC28978	CCSD1 027 G	River/Stream	45,43142	-122.627628 W0		Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC30258	SWMACC 011 G	River/Stream	45.381564	-122.701652 W0		Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS	OR	17090010		Collected by JEC
AC30259	CARLI_CREEK_005_G	River/Stream	45.400363	-122.546859 W0		Interpolation-Map	Carli Creek@250 ft Upstream of Culve			CLACKAMAS	OR	17090011		Collected by JEC
AC30260	CCSD1 007 G	River/Stream	45.410236	-122.522026 W0		Interpolation-Map	Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by JEC
AC30261	CCSD1_007_0	River/Stream	45.42814	-122.577163 W0		Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by JEC
AC30262	CCSD1_014_G	River/Stream	45.423046	-122.603981 W0		Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by JEC
AC30263	CCSD1_014_0 CCSD1_015_G	River/Stream	45.428232	-122.602909 W0		Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by JEC
AC30264	CCSD1_015_G	River/Stream	45.408582	-122.510777 W0		Interpolation-Map	Hwv212 Rock Creek	No		CLACKAMAS	OR	17090012		Collected by JEC
AC30265	CCSD1_010_G CCSD1_024_G	River/Stream	45.405282	-122.565343 W0		Interpolation-Map	Last Road Cow Creek	No		CLACKAMAS	OR	17090011		Collected by JEC
AC30265											OR	17090011		,
AC31379	CCSD1_027_G	River/Stream	45.43142	-122.627628 W0		Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR			Collected by JEC
	SWMACC_011_G	River/Stream	45.381564	-122.701652 W0		Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS		17090010		Collected by CLD
AC31380	CARLI_CREEK_005_G	River/Stream	45.400363	-122.546859 W0		Interpolation-Map	Carli Creek@250 ft Upstream of Culve			CLACKAMAS	OR	17090011		Collected by CLD
AC31381	CCSD1_007_G	River/Stream	45.410236	-122.522026 W0		Interpolation-Map	Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC31382	CCSD1_011_G	River/Stream	45.42814	-122.577163 W0		Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC31383	CCSD1_014_G	River/Stream	45.423046	-122.603981 W0		Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC31384	CCSD1_015_G	River/Stream	45.428232	-122.602909 W0		Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC31385	CCSD1_016_G	River/Stream	45.408582	-122.510777 W0		Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC31386	CCSD1_024_G	River/Stream	45.405282	-122.565343 W0		Interpolation-Map	Last Road Cow Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC31387	CCSD1_027_G	River/Stream	45.43142	-122.627628 W0		Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC32847	SWMACC_011_G	River/Stream	45.381564	-122.701652 W0		Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS	OR	17090010		Collected by CLD
AC32848	CARLI_CREEK_005_G	River/Stream	45.400363	-122.546859 W0		Interpolation-Map	Carli Creek@250 ft Upstream of Culve	ert No		CLACKAMAS	OR	17090011		Collected by CLD
AC32849	CCSD1_007_G	River/Stream	45.410236	-122.522026 W0	GS84	Interpolation-Map	Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC32850	CCSD1_011_G	River/Stream	45.42814	-122.577163 W0	GS84	Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC32851	CCSD1_014_G	River/Stream	45.423046	-122.603981 W0	GS84	Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC32852	CCSD1 015 G	River/Stream	45.428232	-122.602909 W0	GS84	Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC32853	CCSD1 016 G	River/Stream	45,408582	-122.510777 W0	GS84	Interpolation-Map	Hwv212 Rock Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC32854	CCSD1 024 G	River/Stream	45.405282	-122.565343 W0	GS84	Interpolation-Map	Last Road Cow Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC32855	CCSD1_027_G	River/Stream	45.43142	-122.627628 W0	GS84	Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090012		Collected by CLD
AC34527	SWMACC 011 G	River/Stream	45.381564	-122.701652 W0		Interpolation-Map	Mossy Brae Pecan Creek	No		CLACKAMAS	OR	17090010		Collected by CLD
AC34528	CARLI CREEK 005 G	River/Stream	45.400363	-122.546859 W0		Interpolation-Map	Carli Creek@250 ft Upstream of Culve			CLACKAMAS	OR	17090011		Collected by CLD
AC34529	CCSD1 007 G	River/Stream	45.410236	-122.522026 W0		Interpolation-Map	Hwy 212 and 135th Sieben Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC34530	CCSD1_007_0	River/Stream	45.42814	-122.577163 W		Interpolation-Map	84th and Sunnybrook Phillips Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC34531	CCSD1_014_G	River/Stream	45.423046	-122.603981 W0		Interpolation-Map	Up stream Rusk Kellogg Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC34532	CCSD1_014_0 CCSD1_015_G	River/Stream	45.428232	-122.602909 W0		Interpolation-Map	N Clackamas Park Mt Scott Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC34533	CCSD1_015_G	River/Stream	45.408582	-122.510777 W0		Interpolation-Map	Hwy212 Rock Creek	No		CLACKAMAS	OR	17090012		Collected by CLD
AC34533 AC34534	CCSD1_018_G CCSD1_024_G	River/Stream	45.405282	-122.565343 W0		Interpolation-Map	Last Road Cow Creek	No		CLACKAMAS	OR	17090011		Collected by CLD
AC34535 AC34535		River/Stream	45.405282 45.43142	-122.565343 WG		Interpolation-Map	Rowe Middle School Grab	No		CLACKAMAS	OR	17090011		
AU04000	CCSD1_027_G	NVel/Stream	40.40142	-122.02/020 VV	3004	interpolation-map	Nowe Mindle School Grap	110		OLAUNAMAS	UR	17090012		Collected by CLD

Monitoring Location	Activity Start	Activity Start Activity Start/Eng	Activity Media	A salada Tura	Activity ID (Locked)	Channe ad an installa Manua	CAC Number	Describ Males Describ Hale	Result Measure	Detection Limit Detection Limit	Reporting Limit Reporting Limit	t Result Analytical	Laboratore Name	Lab Camala ID
ID	Date	Time <u>Time Zone</u>	Subdivision Name	Activity Type	Method	Characteristic Name	CAS Number	Result Value Result Unit	Qualifier	Value <u>Unit</u>	Value <u>Unit</u>	Method ID	Laboratory Name	Lab Sample ID
AC24780 AC24780	2021/11/16 2021/11/16	8:25 PST (~Nov-Feb) 8:25 PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24780:202111160825:SR Grab AC24780:202111160825:SR Grab	Copper Lead	7440-50-8 7439-92-1	6.7 ug/L 3.37 ug/L		0.1 ug/L 0.01 ug/L	0.1 ug/L 0.01 ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	Zinc	7440-66-6	50 ug/L		1 ug/L	1 ug/L		8 Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	Copper, dissolved	7440-50-8	2.2 ug/L		0.1 ug/L	0.1 ug/L		8 Clackamas County-Water	
AC24780 AC24780	2021/11/16 2021/11/16	8:25 PST (~Nov-Feb) 8:25 PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24780:202111160825:SR Grab AC24780:202111160825:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.22 ug/L 14 ug/L		0.01 ug/L 1 ug/L	0.01 ug/L 1 ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	E. Coli	68583-22-2	649 MPN/100ml		1 MPN/100ml	1 MPN/100ml		Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	Total Hardness	N/A	68 mg/l CaCO3		5.3 mg/I CaCO3	5.3 mg/l CaCO3	2340c	Clackamas County-Water	
AC24780 AC24780	2021/11/16 2021/11/16	8:25 PST (~Nov-Feb) 8:25 PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24780:202111160825:SR Grab AC24780:202111160825:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	0.048 mg/L 0.95 mg/L		0.0205 mg/L 0.0625 mg/L	0.0205 mg/L 0.0625 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb) 8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	Orthophosphate	14265-44-2	0.55 mg/L 0.12 mg/L		0.002 mg/L	0.002 mg/L	4500-P-F	Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	Phosphorus	7723-14-0	0.34 mg/L		N/A mg/L	0.02 mg/L	365.3	3 ALS Environmental Kelso	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Field Measurement/Observation	AC24780:202111160825:FM Field Meter	Acidity, hydrogen ion (H+)	N/A N/A	7 SU		SU sc(cm	SU	4500-H+B	Clackamas County-Water	
AC24780 AC24780	2021/11/16 2021/11/16	8:25 PST (~Nov-Feb) 8:25 PST (~Nov-Feb)	Surface Water Surface Water	Field Measurement/Observation Field Measurement/Observation	AC24780:202111160825:FM Field Meter AC24780:202111160825:FM Field Meter	Conductivity Temperature, water	N/A N/A	189.9 uS/cm 11.2 deg C		uS/cm deg C	uS/cm deg C	2550 B	0 Clackamas County-Water Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	Total Dissolved Solids	N/A	121 mg/L		5.6 mg/L	5.6 mg/L	2540-C	Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	Total Suspended Solids	N/A	60 mg/L		1.17 mg/L	1.17 mg/L	2540-D	Clackamas County-Water	
AC24780 AC24780	2021/11/16 2021/11/16	8:25 PST (~Nov-Feb) 8:25 PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24780:202111160825:SR Grab AC24780:202111160825:SR Grab	Total Solids Total volatile solids	N/A N/A	222 mg/L 94 mg/L		5 mg/L 5 mg/L	5 mg/L 5 mg/L	2540-B 2540-E	Clackamas County-Water Clackamas County-Water	
AC24780	2021/11/16	8:25 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24780:202111160825:SR Grab	Dissolved Oxygen	N/A	7.2 mg/L		0.02 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Water	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Copper	7440-50-8	2.19 ug/L		0.1 ug/L	0.1 ug/L	200.8	8 ALS Environmental Kelso	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Lead	7439-92-1	0.916 ug/L		0.01 ug/L	0.01 ug/L		8 ALS Environmental Kelso	
AC28984 AC28984	2022/02/15 2022/02/15	8:10 PST (~Nov-Feb) 8:10 PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28984:202202150810:SR Grab AC28984:202202150810:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8	19.8 ug/L 1.37 ug/L		1 ug/L 0.1 ug/L	1 ug/L 0.1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Lead, dissolved	7439-92-1	0.084 ug/L		0.01 ug/L	0.01 ug/L		8 ALS Environmental Kelso	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Zinc, dissolved	7440-66-6	12 ug/L		1 ug/L	1 ug/L		8 ALS Environmental Kelso	
AC28984 AC28984	2022/02/15	8:10 PST (~Nov-Feb) 8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab AC28984:202202150810:SR Grab	E. Coli Total Hardness	68583-22-2 N/A	132 MPN/100ml		1 MPN/100ml	1 MPN/100ml	COLILERT/2000 2340c	Clackamas County-Water	
AC28984 AC28984	2022/02/15 2022/02/15	8:10 PST (~Nov-Feb) 8:10 PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28984:202202150810:SR Grab AC28984:202202150810:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	68 mg/l CaCO3 <0.03 mg/L		5.3 mg/l CaCO3 0.03 mg/L	5.3 mg/l CaCO3 0.03 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Nitrate/Nitrite as N	14797-55-8	0.79 mg/L		0.0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Orthophosphate	14265-44-2	0.03 mg/L		0.006 mg/L	0.006 mg/L	4500-P-F	Clackamas County-Water	
AC28984 AC28984	2022/02/15 2022/02/15	8:10 PST (~Nov-Feb) 8:10 PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Field Measurement/Observation	AC28984:202202150810:SR Grab AC28984:202202150810:FM Field Meter	Phosphorus Acidity, bydrogen ion (H+)	7723-14-0 N/A	0.1 mg/L 7.1 SU		N/A mg/L	0.02 mg/L SU	365.3 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC28984 AC28984	2022/02/15	8:10 PST (~Nov-Feb) 8:10 PST (~Nov-Feb)	Surface Water	Field Measurement/Observation	AC28984:202202150810:FM Field Meter AC28984:202202150810:FM Field Meter	Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.1 SU 184 uS/cm		uS/cm	uS/cm		0 Clackamas County-Water	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Field Measurement/Observation	AC28984:202202150810:FM Field Meter	Temperature, water	N/A	8 deg C		deg C	deg C	2550 B	Clackamas County-Water	AC28984
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Total Dissolved Solids	N/A	120 mg/L		5.6 mg/L	5.6 mg/L	2540-C	Clackamas County-Water	
AC28984 AC28984	2022/02/15 2022/02/15	8:10 PST (~Nov-Feb) 8:10 PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28984:202202150810:SR Grab AC28984:202202150810:SR Grab	Total Suspended Solids Total Solids	N/A N/A	19 mg/L 154 mg/L		1.17 mg/L 5 mg/L	1.17 mg/L 5 mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Total volatile solids	N/A	36 mg/L		5 mg/L	5 mg/L	2540-E	Clackamas County-Water	
AC28984	2022/02/15	8:10 PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28984:202202150810:SR Grab	Dissolved Oxygen	N/A	9 mg/L		0.02 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Water	
AC24712	2021/11/15	13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24712:202111151345:SR Composite	Copper	7440-50-8	6.2 ug/L		0.1 ug/L	0.1 ug/L		8 Clackamas County-Water	
AC24712 AC24712	2021/11/15 2021/11/15	13:45 PST (~Nov-Feb) 13:45 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24712:202111151345:SR Composite AC24712:202111151345:SR Composite	Lead Zinc	7439-92-1 7440-66-6	1.28 ug/L 46 ug/L		0.01 ug/L 1 ug/L	0.01 ug/L 1 ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24712	2021/11/15	13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24712:202111151345:SR Composite	Copper, dissolved	7440-50-8	2.8 ug/L		0.1 ug/L	0.1 ug/L		8 Clackamas County-Water	
AC24712	2021/11/15	13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24712:202111151345:SR Composite	Lead, dissolved	7439-92-1	0.04 ug/L		0.01 ug/L	0.01 ug/L		8 Clackamas County-Water	
AC24712 AC24712	2021/11/15	13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24712:202111151345:SR Composite	Zinc, dissolved	7440-66-6	23 ug/L		1 ug/L	1 ug/L	200.8 2340c	8 Clackamas County-Water	
AC24712 AC24712	2021/11/15 2021/11/15	13:45 PST (~Nov-Feb) 13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24712:202111151345:SR Composite AC24712:202111151345:SR Composite	Total Hardness Ammonia-nitrogen	N/A N/A	32 mg/l CaCO3 0.014 mg/L		5.3 mg/l CaCO3 0.0205 mg/L	5.3 mg/l CaCO3 0.0205 mg/L	4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC24712	2021/11/15	13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24712:202111151345:SR Composite	Nitrate/Nitrite as N	14797-55-8	1.6 mg/L		0.0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC24712	2021/11/15	13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24712:202111151345:SR Composite	Orthophosphate	14265-44-2	0.11 mg/L		0.006 mg/L	0.006 mg/L	4500-P-F	Clackamas County-Water	
AC24712 AC24712	2021/11/15 2021/11/15	13:45 PST (~Nov-Feb) 13:45 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24712:202111151345:SR Composite AC24712:202111151345:SR Composite	Phosphorus Total Dissolved Solids	7723-14-0 N/A	0.26 mg/L 64 mg/L		N/A mg/L 5.6 mg/L	0.02 mg/L 5.6 mg/L	365.3 2540-C	3 ALS Environmental Kelso	
AC24712 AC24712	2021/11/15	13:45 PST (~Nov-Feb) 13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24712:202111151345:SR Composite AC24712:202111151345:SR Composite	Total Dissolved Solids	N/A	64 mg/L 25 mg/L		1.17 mg/L	1.17 mg/L	2540-C	Clackamas County-Water Clackamas County-Water	
AC24712	2021/11/15	13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24712:202111151345:SR Composite	Total Solids	N/A	114 mg/L		5 mg/L	5 mg/L	2540-B	Clackamas County-Water	
AC24712	2021/11/15	13:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24712:202111151345:SR Composite	Total volatile solids	N/A	55 mg/L		5 mg/L	5 mg/L	2540-Е	Clackamas County-Water	
AC24720 AC24720	2021/11/15 2021/11/15	11:45 PST (~Nov-Feb) 11:45 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24720:202111151145:SR Grab AC24720:202111151145:SR Field Meter	E. Coli Acidity, hydrogen ion (H+)	68583-22-2 N/A	>2420 MPN/100ml 6.68 SU		1 MPN/100ml	1 MPN/100ml N/A SU	COLILERT/2000 4500-H+B	Clackamas County-Water Clackamas County-Water	
AC24720	2021/11/15	11:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24720:202111151145:SR Field Meter	Conductivity	N/A	163.2 uS/cm		N/A uS/cm	N/A uS/cm		0 Clackamas County-Water	
AC24720	2021/11/15	11:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24720:202111151145:SR Field Meter	Temperature, water	N/A	13.6 deg C		N/A deg C	N/A deg C	2550 B	Clackamas County-Water	AC24720
AC24720	2021/11/15	11:45 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24720:202111151145:SR Grab	Dissolved Oxygen	N/A	8.9 mg/L		0.02 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Water	
AC24713 AC24713	2021/11/15 2021/11/15	13:50 PST (~Nov-Feb) 13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24713:202111151350:SR Composite AC24713:202111151350:SR Composite	Copper Lead	7440-50-8 7439-92-1	4.9 ug/L 1.39 ug/L		0.1 ug/L 0.01 ug/L	0.1 ug/L 0.01 ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24713	2021/11/15	13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24713:202111151350:SR Composite	Zinc	7440-66-6	93 ug/L		1 ug/L	1 ug/L		8 Clackamas County-Water	
AC24713	2021/11/15	13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24713:202111151350:SR Composite	Copper, dissolved	7440-50-8	2.4 ug/L		0.1 ug/L	0.1 ug/L		8 Clackamas County-Water	
AC24713 AC24713	2021/11/15	13:50 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine	AC24713:202111151350:SR Composite	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.08 ug/L		0.01 ug/L	0.01 ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24713 AC24713	2021/11/15 2021/11/15	13:50 PST (~Nov-Feb) 13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24713:202111151350:SR Composite AC24713:202111151350:SR Composite	Zinc, dissolved Total Hardness	7440-66-6 N/A	59 ug/L 19 mg/l CaCO3		1 ug/L 5.3 mg/l CaCO3	1 ug/L 5.3 mg/l CaCO3	200.8 2340c	8 Clackamas County-Water Clackamas County-Water	
AC24713	2021/11/15	13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24713:202111151350:SR Composite	Ammonia-nitrogen	N/A	0.068 mg/L		0.0205 mg/L	0.0205 mg/L	4500-NH3 G	Clackamas County-Water	AC24713
AC24713	2021/11/15	13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24713:202111151350:SR Composite	Nitrate/Nitrite as N	14797-55-8	1 mg/L		0.0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC24713 AC24713	2021/11/15 2021/11/15	13:50 PST (~Nov-Feb) 13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24713:202111151350:SR Composite AC24713:202111151350:SR Composite	Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.16 mg/L 0.2 mg/L		0.006 mg/L N/A mg/L	0.006 mg/L 0.02 mg/L	4500-P-F 365.3	Clackamas County-Water 3 ALS Environmental Kelso	
AC24713 AC24713	2021/11/15	13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24713:202111151350:SR Composite	Total Dissolved Solids	N/A	40 mg/L		5.6 mg/L	5.6 mg/L	2540-C	Clackamas County-Water	
AC24713	2021/11/15	13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24713:202111151350:SR Composite	Total Suspended Solids	N/A	10 mg/L		1.17 mg/L	1.17 mg/L	2540-D	Clackamas County-Water	AC24713
AC24713	2021/11/15	13:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24713:202111151350:SR Composite	Total Solids	N/A	68 mg/L		5 mg/L	5 mg/L	2540-B	Clackamas County-Water	
AC24721 AC24721	2021/11/15 2021/11/15	12:50 PST (~Nov-Feb) 12:50 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24721:202111151250:SR Grab AC24721:202111151250:SR Field Meter	E. Coli Acidity, hydrogen ion (H+)	68583-22-2 N/A	2420 MPN/100ml 6.8 SU		1 MPN/100ml N/A SU	1 MPN/100ml N/A SU	COLILERT/2000 4500-H+B	Clackamas County-Water Clackamas County-Water	
AC24721	2021/11/15	12:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24721:202111151250:SR Field Meter	Conductivity	N/A	93.2 uS/cm		N/A uS/cm	N/A uS/cm		0 Clackamas County-Water	
AC24721	2021/11/15	12:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24721:202111151250:SR Field Meter	Temperature, water	N/A	14.1 deg C		N/A deg C	N/A deg C	2550 B	Clackamas County-Water	
AC24721	2021/11/15	12:50 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24721:202111151250:SR Grab	Dissolved Oxygen	N/A 7//0-50-8	9.7 mg/L		0.02 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Water	
AC24714 AC24714	2021/11/15 2021/11/15	13:40 PST (~Nov-Feb) 13:40 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24714:202111151340:SR Composite AC24714:202111151340:SR Composite	Copper Lead	7440-50-8 7439-92-1	4.4 ug/L 0.9 ug/L		0.1 ug/L 0.01 ug/L	0.1 ug/L 0.01 ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24714	2021/11/15	13:40 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24714:202111151340:SR Composite	Zinc	7440-66-6	50 ug/L		1 ug/L	1 ug/L		8 Clackamas County-Water	
AC24714	2021/11/15	13:40 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24714:202111151340:SR Composite	Copper, dissolved	7440-50-8	2.7 ug/L		0.1 ug/L	0.1 ug/L		8 Clackamas County-Water	
AC24714 AC24714	2021/11/15 2021/11/15	13:40 PST (~Nov-Feb) 13:40 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24714:202111151340:SR Composite AC24714:202111151340:SR Composite	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.12 ug/L 36 ug/l		0.01 ug/L	0.01 ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24714 AC24714	2021/11/15 2021/11/15	13:40 PST (~Nov-Feb) 13:40 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24714:202111151340:SR Composite AC24714:202111151340:SR Composite	Zinc, dissolved Total Hardness	/440-66-6 N/A	36 ug/L 27 mg/l CaCO3		1 ug/L 5.3 mg/l CaCO3	1 ug/L 5.3 mg/l CaCO3	200.8 2340c	8 Clackamas County-Water Clackamas County-Water	
AC24714	2021/11/15	13:40 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24714:202111151340:SR Composite	Ammonia-nitrogen	N/A	0.032 mg/L		0.0205 mg/L	0.0205 mg/L	4500-NH3 G	Clackamas County-Water	
AC24714	2021/11/15	13:40 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24714:202111151340:SR Composite	Nitrate/Nitrite as N	14797-55-8	1 mg/L		0.0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC24714 AC24714	2021/11/15 2021/11/15	13:40 PST (~Nov-Feb) 13:40 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24714:202111151340:SR Composite AC24714:202111151340:SR Composite	Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.1 mg/L		0.006 mg/L N/A mg/L	0.006 mg/L 0.02 mg/L	4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC24714 AC24714	2021/11/15 2021/11/15	13:40 PST (~Nov-Feb) 13:40 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24714:202111151340:SR Composite AC24714:202111151340:SR Composite	Phosphorus Total Dissolved Solids	7723-14-0 N/A	0.21 mg/L 53 mg/L		N/A mg/L 5.6 mg/L	0.02 mg/L 5.6 mg/L	2540-C	3 ALS Environmental Kelso Clackamas County-Water	
AC24714	2021/11/15	13:40 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24714:202111151340:SR Composite	Total Suspended Solids	N/A	15 mg/L		1.17 mg/L	1.17 mg/L	2540-D	Clackamas County-Water	
AC24714	2021/11/15	13:40 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24714:202111151340:SR Composite	Total Solids	N/A	85 mg/L		5 mg/L	5 mg/L	2540-B	Clackamas County-Water	
AC24722 AC24722	2021/11/15 2021/11/15	12:40 PST (~Nov-Feb) 12:40 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24722:202111151240:SR Grab AC24722:202111151240:SR Field Meter	E. Coli Acidity, hydrogen ion (H+)	68583-22-2 N/A	1300 MPN/100ml 6.9 SU		1 MPN/100ml N/A SU	1 MPN/100ml N/A SU	COLILERT/2000 4500-H+B	Clackamas County-Water Clackamas County-Water	
	2021/11/13	101 (1001 (0001 (0))			. to a serie of the series of			0.5 50				10001110	Lacianas county mater	

ID	tion Activity Start Date	Activity Start Activity Start/End	Activity Media Subdivision Name	Activity Type	Activity ID (Locked)	Sample Collection Method	Characteristic Name	CAS Number	Result Value	Result Unit	esult Measure Qualifier	Detection Limit Value	Detection Limi	it Reporting Limit Value	Reporting Lim	it <u>Result Analytical</u> <u>Method ID</u>	Laboratory Name	Lab Sample ID
AC24722	2021/11/15	12:40 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24722:202111151240:SR	Field Meter	Conductivity	N/A	69.2	JS/cm		N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	AC24722
AC24722	2021/11/15	12:40 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24722:202111151240:SR		Temperature, water	N/A	13.9			N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC24722 AC24715	2021/11/15 2021/11/15	12:40 PST (~Nov-Feb) 13:55 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24722:202111151240:SR AC24715:202111151355:SR		Dissolved Oxygen Copper	N/A 7440-50-8	9.5 i 3.4 i				mg/L ug/L		mg/L ug/L	4500-O-C 200	Clackamas County-Water 8 Clackamas County-Water	
AC24715	2021/11/15	13:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24715:202111151355:SR		Lead	7439-92-1	0.57				ug/L		ug/L		8 Clackamas County-Water	
AC24715	2021/11/15	13:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24715:202111151355:SR		Zinc	7440-66-6	120				ug/L		ug/L		8 Clackamas County-Water	
AC24715 AC24715	2021/11/15 2021/11/15	13:55 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine	AC24715:202111151355:SR		Copper, dissolved Lead. dissolved	7440-50-8 7439-92-1	2.1				ug/L		ug/L ug/L		8 Clackamas County-Water	
AC24715 AC24715	2021/11/15	13:55 PST (~Nov-Feb) 13:55 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24715:202111151355:SR AC24715:202111151355:SR		Zinc, dissolved	7439-92-1 7440-66-6	101			0.01	ug/L ug/L		ug/L ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24715	2021/11/15	13:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24715:202111151355:SR		Total Hardness	N/A	29 1	ng/l CaCO3			mg/I CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC24715	2021/11/15	13:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24715:202111151355:SR		Ammonia-nitrogen	N/A	0.053			0.0205		0.0205		4500-NH3 G	Clackamas County-Water	
AC24715 AC24715	2021/11/15 2021/11/15	13:55 PST (~Nov-Feb) 13:55 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine	AC24715:202111151355:SR		Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2	<0.025			0.0625		0.0625		4500-NO3(F) 4500-P-F	Clackamas County-Water	
AC24715	2021/11/15	13:55 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24715:202111151355:SR AC24715:202111151355:SR		Orthophosphate Phosphorus	7723-14-0	0.023	ng/L ng/L		N/A	mg/L mg/L		mg/L		Clackamas County-Water 3 ALS Environmental Kelso	
AC24715	2021/11/15	13:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24715:202111151355:SR	Composite	Total Dissolved Solids	N/A	53 1			5.6	mg/L		mg/L	2540-C	Clackamas County-Water	AC24715
AC24715	2021/11/15	13:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24715:202111151355:SR		Total Suspended Solids	N/A	11				mg/L		mg/L	2540-D	Clackamas County-Water	
AC24715 AC24723	2021/11/15 2021/11/15	13:55 PST (~Nov-Feb) 11:55 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24715:202111151355:SR AC24723:202111151155:SR		Total Solids E. Coli	N/A 68583-22-2	78 1	ng/L VIPN/100ml			mg/L MPN/100ml		mg/L MPN/100ml	2540-B COLILERT/2000	Clackamas County-Water Clackamas County-Water	
AC24723	2021/11/15	11:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24723:202111151155:SR		Acidity, hydrogen ion (H+)	N/A	6.8			N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC24723	2021/11/15	11:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24723:202111151155:SR	Field Meter	Conductivity	N/A	117.6			N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	AC24723
AC24723	2021/11/15	11:55 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24723:202111151155:SR		Temperature, water	N/A	15.1			N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC24723 AC24716	2021/11/15 2021/11/15	11:55 PST (~Nov-Feb) 13:56 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24723:202111151155:SR AC24716:202111151356:SR		Dissolved Oxygen Copper	N/A 7440-50-8	8.5 i 15.6 i				mg/L ug/L		mg/L ug/L	4500-O-C 200	Clackamas County-Water 8 Clackamas County-Water	
AC24716	2021/11/15	13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24716:202111151356:SR		Lead	7439-92-1	2.55				ug/L		ug/L		8 Clackamas County-Water	
AC24716	2021/11/15	13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24716:202111151356:SR	Composite	Zinc	7440-66-6	48	ıg/L		1	ug/L		ug/L	200.	8 Clackamas County-Water	AC24716
AC24716	2021/11/15	13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24716:202111151356:SR	•	Copper, dissolved	7440-50-8	2.5				ug/L		ug/L		8 Clackamas County-Water	
AC24716 AC24716	2021/11/15 2021/11/15	13:56 PST (~Nov-Feb) 13:56 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24716:202111151356:SR AC24716:202111151356:SR		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.03				ug/L		ug/L ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC24716 AC24716	2021/11/15 2021/11/15	13:56 PST (~Nov-Feb) 13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine Sample-Routine	AC24716:202111151356:SR		Total Hardness	7440-66-6 N/A		ng/I CaCO3			mg/l CaCO3		mg/I CaCO3	200. 2340c	Clackamas County-Water Clackamas County-Water	
AC24716	2021/11/15	13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24716:202111151356:SR		Ammonia-nitrogen	N/A	0.041	ng/L		0.0205		0.0205		4500-NH3 G	Clackamas County-Water	
AC24716	2021/11/15	13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24716:202111151356:SR		Nitrate/Nitrite as N	14797-55-8	0.65	ng/L		0.0625	mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC24716 AC24716	2021/11/15 2021/11/15	13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24716:202111151356:SR		Orthophosphate	14265-44-2 7723-14-0	0.07			0.025 N/A	mg/L	0.025		4500-P-F	Clackamas County-Water	
AC24/16 AC24716	2021/11/15 2021/11/15	13:56 PST (~Nov-Feb) 13:56 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24716:202111151356:SR AC24716:202111151356:SR		Phosphorus Total Dissolved Solids	7/23-14-0 N/A	0.33 i 63 i				mg/L mg/L		mg/L mg/L	365. 2540-C	3 ALS Environmental Kelso Clackamas County-Water	
AC24716	2021/11/15	13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24716:202111151356:SR		Total Suspended Solids	N/A	113				mg/L		mg/L	2540-D	Clackamas County-Water	
AC24716	2021/11/15	13:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24716:202111151356:SR		Total Solids	N/A	186				mg/L		mg/L	2540-В	Clackamas County-Water	
AC24724	2021/11/15	11:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24724:202111151156:SR		E. Coli	68583-22-2		VIPN/100ml			MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC24724 AC24724	2021/11/15 2021/11/15	11:56 PST (~Nov-Feb) 11:56 PST (~Nov-Feb)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC24724:202111151156:SR AC24724:202111151156:SR		Acidity, hydrogen ion (H+) Conductivity	N/A N/A	6.8 ± 171.9			N/A N/A	SU uS/cm	N/A N/A	SU uS/cm	4500-H+B 251	Clackamas County-Water 0 Clackamas County-Water	
AC24724	2021/11/15	11:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24724:202111151150:SR		Temperature, water	N/A	16			N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC24724	2021/11/15	11:56 PST (~Nov-Feb)	Stormwater	Sample-Routine	AC24724:202111151156:SR	Grab	Dissolved Oxygen	N/A	6.5			0.02	mg/L	0.02	mg/L	4500-O-C	Clackamas County-Water	AC24724
AC31149	2022/04/04	7:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31149:202204040735:SR		Copper	7440-50-8	3.36				ug/L		ug/L		8 ALS Environmental Kelso	
AC31149 AC31149	2022/04/04 2022/04/04	7:35 PDT (~Mar-Oct) 7:35 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31149:202204040735:SR AC31149:202204040735:SR		Lead Zinc	7439-92-1 7440-66-6	0.876 154				ug/L ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31149 AC31149	2022/04/04	7:35 PDT (*Mar-Oct) 7:35 PDT (*Mar-Oct)	Stormwater	Sample-Routine	AC31149:202204040735:SR		Copper, dissolved	7440-50-8	2.36				ug/L		ug/L		8 ALS Environmental Kelso	
AC31149	2022/04/04	7:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31149:202204040735:SR		Lead, dissolved	7439-92-1	0.089				ug/L		ug/L		8 ALS Environmental Kelso	
AC31149	2022/04/04	7:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31149:202204040735:SR		Zinc, dissolved	7440-66-6	130				ug/L		ug/L		8 ALS Environmental Kelso	
AC31149 AC31149	2022/04/04 2022/04/04	7:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31149:202204040735:SR		Total Hardness	N/A N/A	9 1 0.068 1	ng/l CaCO3		5.3 0.0205	mg/I CaCO3		mg/I CaCO3	2340c 4500-NH3 G	Clackamas County-Water	
AC31149 AC31149	2022/04/04	7:35 PDT (~Mar-Oct) 7:35 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31149:202204040735:SR AC31149:202204040735:SR		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	0.068			0.0205		0.0205		4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC31149	2022/04/04	7:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31149:202204040735:SR		Orthophosphate	14265-44-2		ng/L			mg/L	0.025		4500-P-F	Clackamas County-Water	
AC31149	2022/04/04	7:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31149:202204040735:SR		Phosphorus	7723-14-0	0.07			N/A	mg/L		mg/L		3 ALS Environmental Kelso	
AC31149	2022/04/04	7:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31149:202204040735:SR	•	Total Dissolved Solids Total Suspended Solids	N/A N/A	19 1				mg/L		mg/L	2540-C	Clackamas County-Water	
AC31149 AC31149	2022/04/04 2022/04/04	7:35 PDT (~Mar-Oct) 7:35 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31149:202204040735:SR AC31149:202204040735:SR		Total Solids	N/A N/A	9.7 i 32 i				mg/L mg/L		mg/L mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC31156	2022/04/04	5:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31156:202204040535:SR		E. Coli	68583-22-2		VIPN/100ml			MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC31156	2022/04/04	5:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31156:202204040535:SR		Acidity, hydrogen ion (H+)	N/A	7.4			N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC31156	2022/04/04	5:35 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31156:202204040535:SR AC31156:202204040535:SR		Conductivity	N/A		JS/cm		N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	
AC31156 AC31156	2022/04/04 2022/04/04	5:35 PDT (~Mar-Oct) 5:35 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31156:202204040535:SR AC31156:202204040535:SR		Temperature, water Dissolved Oxygen	N/A N/A	9.7 (10.5)	-		N/A 0.02	deg C mg/L	N/A 0.02	deg C mg/L	2550 B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR		Copper	7440-50-8	3.86				ug/L		ug/L		8 ALS Environmental Kelso	
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR	Composite	Lead	7439-92-1	0.517			0.01	ug/L	0.01	ug/L	200.	8 ALS Environmental Kelso	AC31150
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR		Zinc	7440-66-6	76.7				ug/L		ug/L		8 ALS Environmental Kelso	
AC31150 AC31150	2022/04/04 2022/04/04	7:50 PDT (~Mar-Oct) 7:50 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31150:202204040750:SR AC31150:202204040750:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	2.35 0.039				ug/L ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR		Zinc, dissolved	7440-66-6	56.6				ug/L ug/L		ug/L		8 ALS Environmental Kelso	
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR	Composite	Total Hardness	N/A	12	ng/l CaCO3		5.3	mg/l CaCO3	5.3	mg/I CaCO3	2340c	Clackamas County-Water	AC31150
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR		Ammonia-nitrogen	N/A	0.088			0.0205		0.0205		4500-NH3 G	Clackamas County-Water	
AC31150 AC31150	2022/04/04 2022/04/04	7:50 PDT (~Mar-Oct) 7:50 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31150:202204040750:SR AC31150:202204040750:SR		Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2	<0.025	ng/L ng/L		0.0625	mg/L mg/L	0.0625		4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR		Phosphorus	7723-14-0	0.1			N/A	mg/L		mg/L		3 ALS Environmental Kelso	
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR	Composite	Total Dissolved Solids	N/A	26	mg/L		5.6	mg/L	5.6	mg/L	2540-C	Clackamas County-Water	
AC31150	2022/04/04	7:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31150:202204040750:SR		Total Suspended Solids	N/A	13.7	-			mg/L		mg/L	2540-D	Clackamas County-Water	
AC31150 AC31157	2022/04/04 2022/04/04	7:50 PDT (~Mar-Oct) 5:50 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31150:202204040750:SR AC31157:202204040550:SR		Total Solids E. Coli	N/A 68583-22-2	51 i 1200 i	ng/L MPN/100ml			mg/L MPN/100ml		mg/L MPN/100ml	2540-B COLILERT/2000	Clackamas County-Water Clackamas County-Water	
AC31157 AC31157	2022/04/04	5:50 PDT ("Mar-Oct) 5:50 PDT ("Mar-Oct)	Stormwater	Sample-Routine	AC31157:202204040550:SR		E. Coll Acidity, hydrogen ion (H+)	N/A	7.4 :			N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC31157	2022/04/04	5:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31157:202204040550:SR	Field Meter	Conductivity	N/A	21.3			N/A	u\$/cm	N/A	uS/cm	251	0 Clackamas County-Water	
AC31157	2022/04/04	5:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31157:202204040550:SR		Temperature, water	N/A	7.4			N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC31157 AC31151	2022/04/04	5:50 PDT (~Mar-Oct) 7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31157:202204040550:SR		Dissolved Oxygen	N/A 7440-50-8	10.3				mg/L		mg/L	4500-O-C 200	Clackamas County-Water	
AC31151 AC31151	2022/04/04 2022/04/04	7:05 PDT (~Mar-Oct) 7:05 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31151:202204040705:SR AC31151:202204040705:SR		Copper Lead	7439-92-1	2.03 0.277				ug/L ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31151	2022/04/04	7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31151:202204040705:SR		Zinc	7440-66-6	64.4				ug/L		ug/L		8 ALS Environmental Kelso	
AC31151	2022/04/04	7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31151:202204040705:SR	Composite	Copper, dissolved	7440-50-8	1.5	ug/L		0.1	ug/L	0.1	ug/L	200.	8 ALS Environmental Kelso	AC31151
AC31151	2022/04/04	7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31151:202204040705:SR		Lead, dissolved	7439-92-1	0.047				ug/L		ug/L		8 ALS Environmental Kelso	
AC31151 AC31151	2022/04/04 2022/04/04	7:05 PDT (~Mar-Oct) 7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine Sample-Routine	AC31151:202204040705:SR AC31151:202204040705:SR		Zinc, dissolved Total Hardness	7440-66-6 N/A	54.9	ug/L mg/I CaCO3			ug/L mg/I CaCO3		ug/L mg/I CaCO3	200. 2340c	8 ALS Environmental Kelso Clackamas County-Water	
AC31151 AC31151	2022/04/04 2022/04/04	7:05 PDT (~Mar-Oct) 7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine Sample-Routine	AC31151:202204040705:SR AC31151:202204040705:SR		Ammonia-nitrogen	N/A N/A	0.056			0.0205		0.0205		4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC31151	2022/04/04	7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31151:202204040705:SR		Nitrate/Nitrite as N	14797-55-8	0.27			0.0625		0.0625		4500-NO3(F)	Clackamas County-Water	
AC31151	2022/04/04	7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31151:202204040705:SR		Orthophosphate	14265-44-2	<0.025	mg/L			mg/L	0.025		4500-P-F	Clackamas County-Water	
AC31151	2022/04/04	7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31151:202204040705:SR		Phosphorus Total Dissolved Solids	7723-14-0 N/A	0.04			N/A	mg/L		mg/L mg/l		3 ALS Environmental Kelso	
AC31151 AC31151	2022/04/04 2022/04/04	7:05 PDT (~Mar-Oct) 7:05 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31151:202204040705:SR AC31151:202204040705:SR		Total Dissolved Solids Total Suspended Solids	N/A N/A	34 i 6 i	ng/L ng/L			mg/L mg/L		mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC31151	2022/04/04	7:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31151:202204040705:SR		Total Solids	N/A	56 1				mg/L		mg/L	2540-B	Clackamas County-Water	
AC31158	2022/04/04	5:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31158:202204040505:SR		E. Coli	68583-22-2	17	VIPN/100ml		1	MPN/100ml	1	MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC31158	2022/04/04	5:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31158:202204040505:SR	Ciald Masters	Acidity, hydrogen ion (H+)	N/A	7.2	a i		N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	AC211E0

Dept Model Model <th< th=""><th>Monitoring Locatio</th><th>on Activity Start Date</th><th>Activity Start Activity Start/Enc Time Time Zone</th><th>d <u>Activity Media</u> Subdivision Name</th><th>Activity Type</th><th>Activity ID (Locked)</th><th>Sample Collection Method</th><th>Characteristic Name</th><th>CAS Number</th><th>Result Value</th><th><u>Result Unit</u></th><th>Result Measure Qualifier</th><th>Detection Limit Value</th><th>Detection Limit</th><th>Reporting Limit</th><th>Reporting Limi</th><th>t Result Analytical Method ID</th><th>- Laboratory Name</th><th>Lab Sample ID</th></th<>	Monitoring Locatio	on Activity Start Date	Activity Start Activity Start/Enc Time Time Zone	d <u>Activity Media</u> Subdivision Name	Activity Type	Activity ID (Locked)	Sample Collection Method	Characteristic Name	CAS Number	Result Value	<u>Result Unit</u>	Result Measure Qualifier	Detection Limit Value	Detection Limit	Reporting Limit	Reporting Limi	t Result Analytical Method ID	- Laboratory Name	Lab Sample ID
	AC31158	2022/04/04			-			onductivity					N/A		N/A	uS/cm		0 Clackamas County-Water	
																deg C	2550 B 4500-O-C	Clackamas County-Water	
Short Short <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>mg/L ug/L</td><td></td><td>Clackamas County-Water 8 ALS Environmental Kelso</td><td></td></th<>																mg/L ug/L		Clackamas County-Water 8 ALS Environmental Kelso	
	AC31152	2022/04/04	7:08 PDT (~Mar-Oct)		Sample-Routine	AC31152:202204040708:SR Co	Composite L	ead	7439-92-1	0.313	ug/L		0.01	ug/L	0.01	ug/L	200.8	8 ALS Environmental Kelso	AC31152
							-									ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
																ug/L		8 ALS Environmental Kelso	
NATO NATO NATO NATO N								,			-			0.		ug/L		8 ALS Environmental Kelso	
															0.0205	mg/I CaCO3 mg/I	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
ACTION ACTION ACTION									,	0.33	mg/L				0.0625		4500-NO3(F)	Clackamas County-Water	
ACTION ACTION ADDR MARK ACTION ADDR MARK ADDR MARK <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.025</td><td></td><td>4500-P-F</td><td>Clackamas County-Water 3 ALS Environmental Kelso</td><td></td></t<>															0.025		4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
																mg/L mg/L	2540-C	Clackamas County-Water	
Alter State State <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>13.3</td><td>mg/L</td><td></td><td>1.17</td><td>mg/L</td><td>1.17</td><td>mg/L</td><td>2540-D</td><td>Clackamas County-Water</td><td></td></th<>										13.3	mg/L		1.17	mg/L	1.17	mg/L	2540-D	Clackamas County-Water	
Altern Alterna							•									mg/L MPN/100ml	2540-B COLILERT/2000	Clackamas County-Water Clackamas County-Water	
AltherSolutionSolutionSolutionColuminationColuminationStateSolutionSol																SU	4500-H+B	Clackamas County-Water	
Alle Alle Subset																uS/cm		0 Clackamas County-Water	
ALTON NUMBER																deg C mg/L	2550 B 4500-O-C	Clackamas County-Water Clackamas County-Water	
ACED Solitory Solitory <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td><td>2.99</td><td>ug/L</td><td></td><td></td><td></td><td></td><td>ug/L</td><td></td><td>8 ALS Environmental Kelso</td><td></td></th<>									· · · · · · · · · · · · · · · · · · ·	2.99	ug/L					ug/L		8 ALS Environmental Kelso	
define Simple Simple Simple Simple Simple Simple Simple Simple Simple 6113 Simple															0.01			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
ALENAL ALENAL ALENAL </td <td></td> <td></td> <td>. ,</td> <td></td> <td>ug/L ug/L</td> <td></td> <td>8 ALS Environmental Kelso 8 ALS Environmental Kelso</td> <td></td>			. ,													ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
ADDRADDRADDRNameAnd MarketADDRName <td></td> <td></td> <td></td> <td>Stormwater</td> <td></td> <td>ug/L</td> <td></td> <td>8 ALS Environmental Kelso</td> <td></td>				Stormwater												ug/L		8 ALS Environmental Kelso	
ALESSMaxIMMMarked Marked Marke							•									ug/L mg/l CaCO3	200.8 2340c	8 ALS Environmental Kelso Clackamas County-Water	
															0.0205		4500-NH3 G	Clackamas County-Water Clackamas County-Water	
ALLIA Second M Part M Non- M Mail Second M Part M Mail Machine Mail Machine </td <td>AC31153</td> <td>2022/04/04</td> <td>7:30 PDT (~Mar-Oct)</td> <td>Stormwater</td> <td>Sample-Routine</td> <td>AC31153:202204040730:SR Co</td> <td>Composite N</td> <td>litrate/Nitrite as N</td> <td>14797-55-8</td> <td>1</td> <td>mg/L</td> <td></td> <td>0.0625</td> <td>mg/L</td> <td>0.0625</td> <td>mg/L</td> <td>4500-NO3(F)</td> <td>Clackamas County-Water</td> <td>AC31153</td>	AC31153	2022/04/04	7:30 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31153:202204040730:SR Co	Composite N	litrate/Nitrite as N	14797-55-8	1	mg/L		0.0625	mg/L	0.0625	mg/L	4500-NO3(F)	Clackamas County-Water	AC31153
Addam Addam Addam Addam Addam National (Note) Nation Nation Nation															0.025	mg/L mg/L	4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
ACM28 Sample for the Constraint of the																mg/L mg/L	2540-C	Clackamas County-Water	
ALBA ADD/A Display bit ADD/A ALBA																mg/L	2540-D	Clackamas County-Water	
ALTAD ADD/ON																mg/L mg/L	2540-B 2540-E	Clackamas County-Water Clackamas County-Water	
ACH10 200/00 SOUTCHOM SourceLor SourceLor ACH102/2008/2000 Contain No. ALT MO Mode Mo																MPN/100ml	COLILERT/2000	Clackamas County-Water	
ALLIAG NAL Sol Sol <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>SU vs / m</td><td></td><td>SU vs / m</td><td>4500-H+B</td><td>Clackamas County-Water</td><td></td></t<>														SU vs / m		SU vs / m	4500-H+B	Clackamas County-Water	
ALTAIN DUIL Sold PTFFree Source Action Action Action Duile Action Act																uS/cm deg C	2510 2550 B	0 Clackamas County-Water Clackamas County-Water	
ALLING QUAD District of Contract Single duals Alling QUAD Single duals				Stormwater				issolved Oxygen		9.1	mg/L		0.02		0.02	mg/L	4500-O-C	Clackamas County-Water	
AttR20 8100 115 100 [200.0] 110 [200.0] 1.0 [200.0] <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>0.1</td><td>ug/L</td><td></td><td>8 ALS Environmental Kelso 8 ALS Environmental Kelso</td><td></td></t<>														-	0.1	ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
ACH38 2229/18 187.7 PT PA-C0 Name Ange-Ange-Ange-Ange-Ange-Ange-Ange-Ange-					•											ug/L		8 ALS Environmental Kelso	
ALTER B227 M13 B157 PT PT mode 20 Store PT PT																ug/L		8 ALS Environmental Kelso	
ALTAB 2021/VIA 13.79 IPT CPUS-CO Semantic ALTAB CALTAB CaltAB CaltAB CaltAB <							-								0.01	ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
ALTIST No.20/01/S No.70 (700-00) Remarkation (700-00)								,,			-					mg/I CaCO3	2340c	Clackamas County-Water	
AC1302 1927 07 (PLM-00) Sommaker Single-Acatae AC13028 (2004) Single-Acatae AC13028 (2004) Single-Acatae AC13028 (2004) NA 133 st(An NA 0.0 maker AC1302 2202 001/01 1277 07 (PLM-00) Sommaker Single-Acatae AC13028 (2004) NA Single-Acatae NA									,					-	0.0205	-	4500-NH3 G	Clackamas County-Water	
Ability Symple Profe Action Semmeter Apple Fourier Ability Compare Projection Projection </td <td></td> <td>0.0625</td> <td></td> <td>4500-NO3(F) 4500-P-F</td> <td>Clackamas County-Water Clackamas County-Water</td> <td></td>															0.0625		4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC1382 D22 (VM.1010) Stern (VM.1010) Stern (VM.1010) AC1382 CA1382 D22 (VM.1010) D157 (VM.1010) Stern (VM.1010) D117 (mL)1		2022/04/18	13:57 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31828:202204181357:SR Co	Composite P	hosphorus	7723-14-0	0.15	mg/L		N/A	mg/L	0.02	mg/L	365.3	3 ALS Environmental Kelso	AC31828
AD138 Dis7 Dis7 Dis7 Semile Number Admite Name Constant Constant Dis7																mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
Ac1335 D22/0/18 12-7 PCT (Macroll S) Sample Routine Ac1335-20204132578 field Meter Acida/, Morgan (H) N/A G13 9 M/A N/A G1 G/A G/A <thg a<="" th=""> G/A G/A <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>mg/L</td><td>2540-B</td><td>Clackamas County-Water</td><td></td></th<></thg>																mg/L	2540-B	Clackamas County-Water	
A3135 202/04/3 12/57 PTC Marced Sormwater Sample-Routine A31355 Construction NA 11.0 dc/cm NA 0.0 m/d A31355 202/04/38 12/57 PTC Marced Sormwater Sample-Routine A31355 202018132/57.8 Field Meter NA 9 m/L 0.0 m/L 0.0 m/L A31352 202/04/38 13/47 PTC Marced Sormwater Sample-Routine A31252 202018132/57.8 Grab DissolveD Open NA40.50.9 NA40.50.9 </td <td></td> <td></td> <td>. ,</td> <td></td> <td>MPN/100ml</td> <td></td> <td>MPN/100ml</td> <td>COLILERT/2000</td> <td>Clackamas County-Water</td> <td></td>			. ,											MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	
A31385 202/04/18 12.57 P0T (M-roc) Somwater Sample-Routine A31385 20201431578 Field Meter MA 9 mg/L 0.0														SU uS/cm		SU uS/cm	4500-H+B 2510	Clackamas County-Water O Clackamas County-Water	
A3129 2027/0/18 13.47 PDT (Mar-Oc) Stormwater Sample-Routine AC1329220201313147.5K Composite Zone 7406-06-9 1.04 ug/L D.01 ug/L D.01 ug/L AC31292 2027/0/18 13.47 PDT (Mar-Oc) Stormwater Sample-Routine AC132822020214313147.5K Composite Zone 7406-66-9 9.1 ug/L D.01 ug									,						,	deg C	2550 B	Clackamas County-Water	
A31329 2027/04/18 1347 PDT Van-Coll Sample-Foutine A31329 2027/04/18 1347 PDT Van-Coll Sample-Foutine A31329 Coll 7404666 91.04/C		· · · ·							,		-			-		mg/L	4500-O-C	Clackamas County-Water	
AC31829 2022/04/18 13-47 PDT (Mar-Oc) Sumwater Sample-Routine AC31829-2022013134758 Composite Copper dissoled 74040566 93.1 u/L 0.1 u/L 0.1 u/L AC31829 2022/04/18 13-47 PDT (Mar-Oc) Sumwater Sample-Routine AC31829-202013134758 Composite Copper dissoled 74040566 78.0 u/L 0.01 u/L<															0.1	ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
A3129 2022/04/18 1347 PDT ("Mar-Oc) Sormwater Sample Acuite Ac11829-02204181347/S Composite 7439-92. M240-66-6 O.8 du/L 1.0 du/L							Composite Z	inc								ug/L		8 ALS Environmental Kelso	
A31329 202/04/18 13.47 DPT_Mar-Oct Stormwater Sample-Routine A313829-20201813475 R Composite Total Hardness NA 30 ng/LGO3 1.0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>ug/L</td><td></td><td>8 ALS Environmental Kelso</td><td></td></td<>																ug/L		8 ALS Environmental Kelso	
A 3129 2022/04/18 13.47 PDT (Mar-Oct) Stormwater Sample-Routine A 31292-022041181347.5R Composite N/A 30 mg/L GO3 0.37 mg/L 0.0205 mg/L 1 A C3129 022/04/18 13.47 PDT (Mar-Oct) Stormwater Sample-Routine A 31292-022041181347.5R Composite Nitane/Nitrite as N 14797.55-8 1 mg/L 0.025 mg/L 0.02 mg/L 0.02 mg/L </td <td></td> <td>ug/L ug/L</td> <td></td> <td>8 ALS Environmental Kelso 8 ALS Environmental Kelso</td> <td></td>																ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
A C3129 2022/04/18 147 POT (^Mar-Oct) Sommater Sample-Routine A C31282-2022041313747.5K Composite Nitrae/Nitrite sin 14797-55.8 1 mg/L 0.0627 mg/L 0.025 mg/L 0.025 </td <td>AC31829</td> <td>2022/04/18</td> <td>13:47 PDT (~Mar-Oct)</td> <td></td> <td>Sample-Routine</td> <td>AC31829:202204181347:SR Co</td> <td>Composite T</td> <td>otal Hardness</td> <td>N/A</td> <td>30</td> <td>mg/I CaCO3</td> <td></td> <td>5.3</td> <td>mg/l CaCO3</td> <td>5.3</td> <td>mg/I CaCO3</td> <td>2340c</td> <td>Clackamas County-Water</td> <td>AC31829</td>	AC31829	2022/04/18	13:47 PDT (~Mar-Oct)		Sample-Routine	AC31829:202204181347:SR Co	Composite T	otal Hardness	N/A	30	mg/I CaCO3		5.3	mg/l CaCO3	5.3	mg/I CaCO3	2340c	Clackamas County-Water	AC31829
AC31829 2022/04/18 13:47 PDT (-Mar-Oct) Stormwater Sample-Routine AC31829-2022/0413147;SR Composite Phophorus 723:4-0 0.03 mg/L Mol<									· · · · · · · · · · · · · · · · · · ·						0.0205		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC31829Q22/Q4/I813:47PDT (Mar-Oc)StormwaterSample-RoutineAC31829:20220181347;SR CompositePhosphrus7723-14-00.15 mg/LN/Amg/LM/Amg/LAC31829Q22/Q4/I813:47PDT (Mar-Oc)StormwaterSample-RoutineAC31829:202204181347;SR CompositeTolsupeded SolisN/A7.003.03 mg/L5.6 mg/L<															0.0825		4500-P-F	Clackamas County-Water	
AC318292022/04/1813:47PDT ("Mar-Oct)StormwaterSample-RoutineAC31829:20204181347:SR CompositeTotal Suspende SolidsN/A20.3 mg/L11.7mg/L1.17mg/L <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.15</td> <td>mg/L</td> <td></td> <td>N/A</td> <td>mg/L</td> <td>0.02</td> <td>mg/L</td> <td></td> <td>3 ALS Environmental Kelso</td> <td></td>										0.15	mg/L		N/A	mg/L	0.02	mg/L		3 ALS Environmental Kelso	
AC318292022/04/1813:47PDT ("Mar-Oct)StormwaterSample-RoutineAC31829:20204181347:SR CompositeTotal SolidsN/A117 mg/L[m]A[m]A[m]A[m]AAC318362022/04/1812:47PDT ("Mar-Oct)StormwaterSample-RoutineAC31836:20204181247:SR FieldE. Coli6858:226858:22685 MDMM/AM																mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC318362022/04/181247PDT ("Mar-Oct)StormwaterSample-RoutineAC31836-202204181247:SR Field MeterAcidity, hydrogen in (H+)N/A6.8 SUN/ASUN/AAC318362022/04/181247PDT ("Mar-Oct)StormwaterSample-RoutineAC31836-202204181247:SR Field MeterConductivityN/A134.4 u/s/cmN/AU/AU/AV/AAC318362022/04/1812.47PDT ("Mar-Oct)StormwaterSample-RoutineAC31836-202204181247:SR Field MeterTemperature, waterN/A13.8 dc 202N/AV/A <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>N/A</td><td></td><td></td><td></td><td></td><td></td><td></td><td>mg/L</td><td>2540-B</td><td>Clackamas County-Water</td><td></td></td<>									N/A							mg/L	2540-B	Clackamas County-Water	
AC318362022/04/181247PDT (*Mar-Oct)StormwaterSample-RoutineAC31836:202204181247:SR Field MeterConductivityN/A134.4 u/scmN/AU/AU/ScmN/AAC318362022/04/181247PDT (*Mar-Oct)StormwaterSample-RoutineAC31836:202204181247:SR Field MeterTemperature, waterN/A13.6 degN/Adeg CN/AAC318362022/04/1814:15PDT (*Mar-Oct)StormwaterSample-RoutineAC31836:202204181247:SR Field MeterTemperature, waterN/A13.6 degN/Adeg CN/AAC318302022/04/1814:15PDT (*Mar-Oct)StormwaterSample-RoutineAC31830:202204181427:SR GrapositeSiople-AcgN/A13.6 degN/Adeg CN/AAC318302022/04/1814:15PDT (*Mar-Oct)StormwaterSample-RoutineAC31830:202204181415:SR CompositeCopper740-50-86.62 ug/L0.01ug/L0.01ug/L1AC318302022/04/1814:15PDT (*Mar-Oct)StormwaterSample-RoutineAC31830:202204181415:SR CompositeCapper, dissolved740-50-8740-56-8340 ug/L0.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01ug/L10.01 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>MPN/100ml</td><td>COLILERT/2000</td><td>Clackamas County-Water</td><td></td></t<>																MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC318362022/04/1812.47PDT (*Mar-Oct)StormwaterSample-RoutineAC31836:20204181247:SR Field MeterTemperature, waterN/A11.8 deg CN/Adeg CN/AAC318362022/04/1812.47PDT (*Mar-Oct)StormwaterSample-RoutineAC31836:20204181247:SR GrabDisolved OxygenN/A9.2 mg/L0.00<																SU uS/cm	4500-H+B 2510	Clackamas County-Water O Clackamas County-Water	
AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Somwater Sample-Routine AC31830:202204181415:SR Composite Copper 7440-50-8 6.62 ug/L 0.1 ug/L 0.1 ug/L AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Lead 7490-92-1 0.542 ug/L 0.01 ug/L 0.01 <td>AC31836</td> <td>2022/04/18</td> <td>12:47 PDT (~Mar-Oct)</td> <td></td> <td>Sample-Routine</td> <td>AC31836:202204181247:SR Fi</td> <td>ield Meter T</td> <td>emperature, water</td> <td>N/A</td> <td>11.8</td> <td>deg C</td> <td></td> <td>N/A</td> <td>deg C</td> <td>N/A</td> <td>deg C</td> <td>2550 B</td> <td>Clackamas County-Water</td> <td>AC31836</td>	AC31836	2022/04/18	12:47 PDT (~Mar-Oct)		Sample-Routine	AC31836:202204181247:SR Fi	ield Meter T	emperature, water	N/A	11.8	deg C		N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	AC31836
AC31830 2022/04/18 14:15 PDT (^Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Led 7439-92-1 0.542 ug/L 0.01 ug/L 0.01 ug/L AC31830 2022/04/18 14:15 PDT (^Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Zinc 7440-66-6 340 ug/L 1 ug/L 1 ug/L 1 1 Ug/L 1 1 Ug/L 1																mg/L	4500-O-C	Clackamas County-Water 8 ALS Environmental Kelso	
AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Zinc 7440-66-6 340 ug/L ug/L ug/L AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Copper, dissolved 7440-50-8 4.93 ug/L 0.1 ug/L 0.1							-								0.1	ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
	AC31830	2022/04/18	14:15 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31830:202204181415:SR Co	Composite Z	inc	7440-66-6	340	ug/L		1	ug/L	1	ug/L	200.8	8 ALS Environmental Kelso	AC31830
														-	0.1	ug/L ug/I		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31830 2022/04/18 14:15 PDT (mar-Oct) Stormwater Sample-Routine AC3183/02/202114:15:15 PDT (ug/L ug/L		8 ALS Environmental Kelso	
AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Total Hardness N/A 46 mg/LaC03 5.3 mg/LaC03	AC31830	2022/04/18	14:15 PDT (~Mar-Oct)		Sample-Routine	AC31830:202204181415:SR Co	Composite T	otal Hardness	N/A	46	mg/l CaCO3		5.3	mg/l CaCO3	5.3	mg/l CaCO3	2340c	Clackamas County-Water	AC31830
AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Ammonia-nitrogen N/A 0.020 mg/L 0.0205 mg/L AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Nirate/Nitrite as N 14797-55-8 0.73 mg/L 0.0625 mg/L									,						0.0205		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC31830 2022/04/18 14:15 PDT (*Mar-Oct) Somple-Routine AC31830:202204181415:SR Onthogshet 14/97-35-8 0.055 mg/L 0.025 mg/L															0.025	mg/L	4500-P-F	Clackamas County-Water	
AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine Sample-Routine AC31830:202204181415:SR Composite Phosphorus 7723-14-0 0.06 mg/L N/A mg/L	AC31830	2022/04/18	14:15 PDT (~Mar-Oct)		Sample-Routine	AC31830:202204181415:SR Co	Composite P	hosphorus	7723-14-0	0.06	mg/L		N/A	mg/L	0.02	mg/L	365.3	3 ALS Environmental Kelso	AC31830
AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Total Dissolved Solids N/A 91 mg/L 5.6 mg/L AC31830 2022/04/18 14:15 PDT ("Mar-Oct) Stormwater Sample-Routine AC31830:202204181415:SR Composite Total Dissolved Solids N/A 91 mg/L 5.6 mg/L							•									mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
ACS1830 2022/04/18 14.15 PDT (*Mar-Oct) Stormwater Sample-Notifie ACS1830:202041813:58 Composite Total Solids N/A 19 mg/L 5 mg/L																mg/L	2540-B	Clackamas County-Water	
AC31837 2022/04/18 12:05 PDT ("Mar-Oct) Somwater Sample-Routine AC31837:202204181205:SR Grab E. Coli 68583-22-0 3 MPN/100ml MPN/100ml	AC31837	2022/04/18	12:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31837:202204181205:SR G	Grab E	. Coli	68583-22-2							MPN/100ml	COLILERT/2000	Clackamas County-Water	AC31837

Monitoring Location	n Activity Start Date	Activity Start Activity Start/En	d <u>Activity Media</u> Subdivision Name	Activity Type	Activity ID (Locked)	Sample Collection Method	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure Qualifier	Detection Limit Value	Detection Limit	Reporting Limit Value	Reporting Lim	it <u>Result Analytica</u> <u>Method ID</u>	Laboratory Name	Lab Sample ID
AC31837	2022/04/18	12:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31837:202204181205:SR	Field Meter	Acidity, hydrogen ion (H+)	N/A	6.6	ίŪ		N/A	su		SU	4500-H+B	Clackamas County-Water	AC31837
AC31837	2022/04/18	12:05 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31837:202204181205:SR		Conductivity	N/A	148				uS/cm		uS/cm		0 Clackamas County-Water	
AC31837 AC31837	2022/04/18 2022/04/18	12:05 PDT (~Mar-Oct) 12:05 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31837:202204181205:SR AC31837:202204181205:SR		Temperature, water Dissolved Oxygen	N/A N/A	12	leg C ng/L		N/A 0.02	deg C mg/l		deg C mg/L	2550 B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC31837	2022/04/18	14:10 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31831:202204181203:5K		Copper	7440-50-8	14			0.02			ug/L		8 ALS Environmental Kelso	
AC31831	2022/04/18	14:10 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31831:202204181410:SR		Lead	7439-92-1	0.287			0.01		0.01			8 ALS Environmental Kelso	
AC31831 AC31831	2022/04/18 2022/04/18	14:10 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31831:202204181410:SR AC31831:202204181410:SR		Zinc Copper, dissolved	7440-66-6 7440-50-8	24.8 11.2			0.1	ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31831	2022/04/18	14:10 PDT (~Mar-Oct) 14:10 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31831:202204181410:SR		Lead, dissolved	7439-92-1	0.035			0.01		0.01			8 ALS Environmental Kelso	
AC31831	2022/04/18	14:10 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31831:202204181410:SR		Zinc, dissolved	7440-66-6	23				ug/L		ug/L		8 ALS Environmental Kelso	
AC31831	2022/04/18	14:10 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31831:202204181410:SR		Total Hardness	N/A		ng/I CaCO3			mg/I CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC31831 AC31831	2022/04/18 2022/04/18	14:10 PDT (~Mar-Oct) 14:10 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31831:202204181410:SR AC31831:202204181410:SR		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	0.28			0.0205		0.0205		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC31831	2022/04/18	14:10 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31831:202204181410:SR		Orthophosphate	14265-44-2		ng/L		0.025		0.025		4500-P-F	Clackamas County-Water	
AC31831	2022/04/18	14:10 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31831:202204181410:SR		Phosphorus	7723-14-0	0.1				mg/L	0.02			3 ALS Environmental Kelso	
AC31831 AC31831	2022/04/18 2022/04/18	14:10 PDT (~Mar-Oct) 14:10 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31831:202204181410:SR AC31831:202204181410:SR		Total Dissolved Solids Total Suspended Solids	N/A N/A	9.3			5.6 1.17			mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC31831	2022/04/18	14:10 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31831:202204181410:SR		Total Solids	N/A	103				mg/L		mg/L	2540-B	Clackamas County-Water	
AC31838	2022/04/18	12:11 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31838:202204181211:SR	Grab	E. Coli	68583-22-2		VIPN/100ml		1	MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	AC31838
AC31838 AC31838	2022/04/18 2022/04/18	12:11 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31838:202204181211:SR		Acidity, hydrogen ion (H+)	N/A N/A	6.7				SU us / am		SU uS/cm	4500-H+B	Clackamas County-Water	
AC31838	2022/04/18	12:11 PDT (~Mar-Oct) 12:11 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31838:202204181211:SR AC31838:202204181211:SR		Conductivity Temperature, water	N/A N/A	133 11.9				uS/cm deg C		deg C	2550 B	0 Clackamas County-Water Clackamas County-Water	
AC31838	2022/04/18	12:11 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31838:202204181211:SR		Dissolved Oxygen	N/A	8.2			0.02	-	,	mg/L	4500-O-C	Clackamas County-Water	
AC31834	2022/04/18	13:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31834:202204181350:SR		Copper	7440-50-8	11.2			0.1			ug/L		8 ALS Environmental Kelso	
AC31834 AC31834	2022/04/18 2022/04/18	13:50 PDT (~Mar-Oct) 13:50 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31834:202204181350:SR AC31834:202204181350:SR		Lead Zinc	7439-92-1 7440-66-6	0.185			0.01	ug/L ug/L	0.01	ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31834	2022/04/18	13:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31834:202204181350:5R	•	Copper, dissolved	7440-50-8	9.08			0.1		0.1			8 ALS Environmental Kelso	
AC31834	2022/04/18	13:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31834:202204181350:SR	Composite	Lead, dissolved	7439-92-1	0.035	ıg/L		0.01	ug/L	0.01	ug/L	200.	8 ALS Environmental Kelso	AC31834
AC31834 AC31834	2022/04/18 2022/04/18	13:50 PDT (~Mar-Oct) 13:50 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine	AC31834:202204181350:SR AC31834:202204181350:SR		Zinc, dissolved Total Hardness	7440-66-6 N/A	46.5				ug/L mg/LCaCO3		ug/L mg/l CaCO3	200. 2340c	8 ALS Environmental Kelso Clackamas County-Water	
AC31834 AC31834	2022/04/18 2022/04/18	13:50 PDT (~Mar-Oct) 13:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine Sample-Routine	AC31834:202204181350:SR AC31834:202204181350:SR		Ammonia-nitrogen	N/A N/A	0.085	ng/l CaCO3 ng/L		0.0205	mg/l CaCO3 mg/L	0.0205		4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC31834	2022/04/18	13:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31834:202204181350:SR		Nitrate/Nitrite as N	14797-55-8	1.5	ng/L		0.0625	mg/L	0.0625	mg/L	4500-NO3(F)	Clackamas County-Water	
AC31834	2022/04/18	13:50 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31834:202204181350:SR		Orthophosphate	14265-44-2	0.03			0.025		0.025		4500-P-F	Clackamas County-Water	
AC31834 AC31834	2022/04/18 2022/04/18	13:50:00 PDT (~Mar-Oct) 13:50:00 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31834:202204181350:SR AC31834:202204181350:SR		Phosphorus Total Dissolved Solids	7723-14-0 N/A	0.08			N/A 5.6	mg/L mg/l		mg/L mg/L	365. 2540-C	3 ALS Environmental Kelso Clackamas County-Water	
AC31834	2022/04/18	13:50:00 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31834:202204181350:SR		Total Suspended Solids	N/A	5.7			1.17			mg/L	2540-D	Clackamas County-Water	
AC31834	2022/04/18	13:50:00 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31834:202204181350:SR		Total Solids	N/A	128				mg/L		mg/L	2540-B	Clackamas County-Water	
AC31834 AC31841	2022/04/18 2022/04/18	13:50:00 PDT (~Mar-Oct) 11:50:00 PDT (~Mar-Oct)	Stormwater Stormwater	Sample-Routine Sample-Routine	AC31834:202204181350:SR AC31841:202204181150:SR		Total volatile solids E. Coli	N/A 68583-22-2	51	ng/L vIPN/100ml			mg/L MPN/100ml		mg/L MPN/100ml	2540-E COLILERT/2000	Clackamas County-Water Clackamas County-Water	
AC31841 AC31841	2022/04/18	11:50:00 PDT ("Mar-Oct)	Stormwater	Sample-Routine	AC31841:202204181150:SR		E. Coll Acidity, hydrogen ion (H+)	N/A	6.7				SU		SU	4500-H+B	Clackamas County-Water	
AC31841	2022/04/18	11:50:00 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31841:202204181150:SR		Conductivity	N/A	125.6				uS/cm		uS/cm		0 Clackamas County-Water	
AC31841	2022/04/18	11:50:00 PDT (~Mar-Oct)	Stormwater	Sample-Routine	AC31841:202204181150:SR		Temperature, water	N/A	11.5				deg C		deg C	2550 B	Clackamas County-Water	
AC31841 AC19548	2022/04/18 2021/07/15	11:50:00 PDT (~Mar-Oct) 7:43:00 PDT (~Mar-Oct)	Stormwater Surface Water	Sample-Routine Sample-Routine	AC31841:202204181150:SR AC19548:202107150743:SR		Dissolved Oxygen Copper	N/A 7440-50-8	8.2			0.02			mg/L ug/L	4500-O-C 200	Clackamas County-Water 8 Clackamas County-Water	
AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR		Lead	7439-92-1	0.26			0.01		0.01			8 Clackamas County-Water	
AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR		Zinc	7440-66-6		ıg/L			ug/L		ug/L		8 Clackamas County-Water	
AC19548 AC19548	2021/07/15 2021/07/15	7:43:00 PDT (~Mar-Oct) 7:43:00 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19548:202107150743:SR AC19548:202107150743:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	<0.01			0.1		0.1	ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC19548 AC19548	2021/07/15	7:43:00 PDT (*Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR AC19548:202107150743:SR		Zinc, dissolved	7440-66-6		ig/L ig/L			ug/L		ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR		E. Coli	68583-22-2		MPN/100ml			MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR		Total Hardness	N/A		ng/I CaCO3			mg/I CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC19548 AC19548	2021/07/15 2021/07/15	7:43:00 PDT (~Mar-Oct) 7:43:00 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19548:202107150743:SR AC19548:202107150743:SR		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	0.032	ng/L ng/L		0.0205		0.0205		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR		Orthophosphate	14265-44-2	0.06			0.006		0.006		4500-P-F	Clackamas County-Water	
AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR		Phosphorus	7723-14-0	0.09			N/A	mg/L		mg/L		3 ALS Environmental Kelso	
AC19548 AC19548	2021/07/15 2021/07/15	7:43:00 PDT (~Mar-Oct) 7:43:00 PDT (~Mar-Oct)	Surface Water Surface Water	Field Measurement/Observation Field Measurement/Observation	AC19548:202107150743:FM AC19548:202107150743:FM		Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.6 167.9				SU uS/cm		SU uS/cm	4500-H+B 251	Clackamas County-Water 0 Clackamas County-Water	
AC19548 AC19548	2021/07/15	7:43:00 PDT (*Mar-Oct)	Surface Water	Field Measurement/Observation	AC19548:202107150743:FM		Temperature, water	N/A	15.9				deg C		deg C	2550 B	Clackamas County-Water	
AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR		Total Dissolved Solids	N/A	119	ng/L			mg/L	5.6	mg/L	2540-C	Clackamas County-Water	
AC19548 AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct) 7:43:00 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19548:202107150743:SR AC19548:202107150743:SR		Total Suspended Solids Total Solids	N/A N/A	13 141			1.17			mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC19548 AC19548	2021/07/15 2021/07/15	7:43:00 PDT (*Mar-Oct) 7:43:00 PDT (*Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC19548:202107150743:SR AC19548:202107150743:SR		Total solids Total volatile solids	N/A N/A	45				mg/L mg/L		mg/L mg/L	2540-B 2540-E	Clackamas County-Water Clackamas County-Water	
AC19548	2021/07/15	7:43:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19548:202107150743:SR		Dissolved Oxygen	N/A	8.8	ng/L		0.02			mg/L	4500-O-C	Clackamas County-Water	
AC19549	2021/07/15	8:30:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19549:202107150830:SR		Copper	7440-50-8	0.6			0.1			ug/L		8 Clackamas County-Water	
AC19549 AC19549	2021/07/15 2021/07/15	8:30:00 PDT (~Mar-Oct) 8:30:00 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19549:202107150830:SR AC19549:202107150830:SR		Lead Zinc	7439-92-1 7440-66-6	0.2			0.01	ug/L ug/L	0.01	ug/L ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC19549	2021/07/15	8:30:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19549:202107150830:SR		Copper, dissolved	7440-50-8	0.5			0.1	ug/L	0.1	ug/L		8 Clackamas County-Water	
AC19549	2021/07/15	8:30:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19549:202107150830:SR		Lead, dissolved	7439-92-1		ig/L		0.01		0.01			8 Clackamas County-Water	
AC19549 AC19549	2021/07/15 2021/07/15	8:30:00 PDT (~Mar-Oct) 8:30:00 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19549:202107150830:SR AC19549:202107150830:SR		Zinc, dissolved E. Coli	7440-66-6 68583-22-2		ıg/L ∕IPN/100ml			ug/L MPN/100ml		ug/L MPN/100ml	200. COLILERT/2000	8 Clackamas County-Water Clackamas County-Water	
AC19549 AC19549	2021/07/15	8:30:00 PDT (*Mar-Oct) 8:30:00 PDT (*Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC19549:202107150830:SR		E. Coll Total Hardness	N/A		ng/I CaCO3			mg/I CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC19549	2021/07/15	8:30:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19549:202107150830:SR	Grab	Ammonia-nitrogen	N/A	0.032	ng/L		0.0205	mg/L	0.0205	mg/L	4500-NH3 G	Clackamas County-Water	AC19549
AC19549	2021/07/15	8:30:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19549:202107150830:SR		Nitrate/Nitrite as N Orthophosphate	14797-55-8	<0.025			0.0625		0.0625		4500-NO3(F)	Clackamas County-Water	
AC19549 AC19549	2021/07/15 2021/07/15	8:30:00 PDT (~Mar-Oct) 8:30:00 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19549:202107150830:SR AC19549:202107150830:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	ng/L ng/L		0.025 N/A	mg/L mg/L	0.025	mg/L mg/L	4500-P-F 365.	Clackamas County-Water 3 ALS Environmental Kelso	
AC19549	2021/07/15	8:30:00 PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19549:202107150830:FM	Field Meter	Acidity, hydrogen ion (H+)	N/A	7.6	SU .			SU		SU	4500-H+B	Clackamas County-Water	
AC19549	2021/07/15	8:30:00 PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19549:202107150830:FM		Conductivity	N/A	306				uS/cm		uS/cm		0 Clackamas County-Water	
AC19549 AC19549	2021/07/15 2021/07/15	8:30:00 PDT (~Mar-Oct) 8:30:00 PDT (~Mar-Oct)	Surface Water Surface Water	Field Measurement/Observation Sample-Routine	AC19549:202107150830:FM AC19549:202107150830:SR		Temperature, water Total Dissolved Solids	N/A N/A	16 185				deg C mg/L		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC19549 AC19549	2021/07/15	8:30:00 PDT (*Mar-Oct)	Surface Water	Sample-Routine	AC19549:202107150830:SR		Total Suspended Solids	N/A	105			1.17			mg/L	2540-C	Clackamas County-Water	
AC19549	2021/07/15	8:30:00 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19549:202107150830:SR	Grab	Total Solids	N/A	206	ng/L		5	mg/L	5	mg/L	2540-В	Clackamas County-Water	AC19549
AC19549	2021/07/15	0.354166667 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19549:202107150830:SR		Dissolved Oxygen	N/A 7440 50 8	5.5			0.02			mg/L	4500-O-C	Clackamas County-Water	
AC19550 AC19550	2021/07/15 2021/07/15	0.375 PDT (~Mar-Oct) 0.375 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19550:202107150900:SR AC19550:202107150900:SR		Copper Lead	7440-50-8 7439-92-1	2 0.21			0.1		0.1	ug/L ug/L		8 Clackamas County-Water 8 Clackamas County-Water	
AC19550	2021/07/15	0.375 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19550:202107150900:SR		Zinc	7440-66-6				1	ug/L	1	ug/L		8 Clackamas County-Water	
AC19550	2021/07/15	0.375 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19550:202107150900:SR		Copper, dissolved	7440-50-8	0.7	ig/L		0.1	ug/L	0.1	ug/L		8 Clackamas County-Water	
AC19550 AC19550	2021/07/15 2021/07/15	0.375 PDT (~Mar-Oct) 0.375 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19550:202107150900:SR AC19550:202107150900:SR		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	<0.01 5	ig/L ig/l		0.01		0.01			8 Clackamas County-Water 8 Clackamas County-Water	
AC19550 AC19550	2021/07/15	0.375 PDT (*Mar-Oct) 0.375 PDT (*Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC19550:202107150900:SR AC19550:202107150900:SR		E. Coli	7440-66-6 68583-22-2		ıg/L √IPN/100ml			ug/L MPN/100ml		ug/L MPN/100ml	COLILERT/2000	8 Clackamas County-Water Clackamas County-Water	
AC19550	2021/07/15	0.375 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19550:202107150900:SR		Total Hardness	N/A	73	ng/I CaCO3			mg/l CaCO3	5.3	mg/I CaCO3	2340c	Clackamas County-Water	
AC19550	2021/07/15	0.375 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19550:202107150900:SR		Ammonia-nitrogen	N/A	0.014			0.0205		0.0205		4500-NH3 G	Clackamas County-Water	
AC19550 AC19550	2021/07/15 2021/07/15	0.375 PDT (~Mar-Oct) 0.375 PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19550:202107150900:SR AC19550:202107150900:SR		Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2	1.4			0.0625 0.025		0.0625		4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC19550	2021/07/15	0.375 PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19550:202107150900:SR		Phosphorus	7723-14-0	0.09				mg/L		mg/L	365.	3 ALS Environmental Kelso	
AC19550	2021/07/15	0.375 PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19550:202107150900:FM	Field Meter	Acidity, hydrogen ion (H+)	N/A	8	SU .			SU		SU	4500-H+B	Clackamas County-Water	AC19550

Monitoring Location	Activity Start	Activity Start Time	Activity Start/End	Activity Media	Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure Qualifier	Detection Limit Value				Laboratory Name	Lab Sample ID
AC19550	2021/07/15		DT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19550:202107150900:FM	Field Meter	Conductivity	N/A	1	77 uS/cm	Quanner	value	Unit uS/cm	Value Ur uS/cm		2510 Clackamas County-Wate	r AC19550
AC19550	2021/07/15		PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19550:202107150900:FM		Temperature, water	N/A		16 deg C			deg C	deg C	2550 B	Clackamas County-Wate	
AC19550 AC19550	2021/07/15 2021/07/15		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19550:202107150900:SR AC19550:202107150900:SR		Total Dissolved Solids Total Suspended Solids	N/A N/A	<1.0	33 mg/L mg/L			6 mg/L 7 mg/L	5.6 mg/L 1.17 mg/L	2540-C 2540-D	Clackamas County-Wate Clackamas County-Wate	
AC19550	2021/07/15	0.375	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19550:202107150900:SR		Total Solids	N/A		47 mg/L			5 mg/L	5 mg/L	2540-В	Clackamas County-Wate	
AC19550 AC19551	2021/07/15 2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19550:202107150900:SR AC19551:202107150944:SR		Dissolved Oxygen Copper	N/A 7440-50-8		1.3 mg/L 2 ug/L			2 mg/L 1 ug/L	0.02 mg/L 0.1 ug/L	4500-O-C	Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19551 AC19551	2021/07/15 0		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC19551:202107150944:SK AC19551:202107150944:SR		Lead	7439-92-1		z ug/L 27 ug/L			1 ug/L 1 ug/L	0.01 ug/L		200.8 Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19551	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19551:202107150944:SR		Zinc	7440-66-6		8 ug/L			1 ug/L	1 ug/L		200.8 Clackamas County-Wate	
AC19551 AC19551	2021/07/15 0 2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19551:202107150944:SR AC19551:202107150944:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1		1.9 ug/L D3 ug/L			1 ug/L 1 ug/L	0.1 ug/L 0.01 ug/L		200.8 Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19551	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19551:202107150944:SR		Zinc, dissolved	7440-66-6		6 ug/L			1 ug/L	1 ug/L		200.8 Clackamas County-Wate	
AC19551	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19551:202107150944:SR		E. Coli	68583-22-2		90 MPN/100ml			1 MPN/100ml	1 MPN/100			
AC19551 AC19551	2021/07/15 0 2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19551:202107150944:SR AC19551:202107150944:SR		Total Hardness Ammonia-nitrogen	N/A N/A		67 mg/ICaCO3 27 mg/L			3 mg/l CaCO3 5 mg/L	5.3 mg/l CaC 0.0205 mg/L	3 2340c 4500-NH3 G	Clackamas County-Wate Clackamas County-Wate	
AC19551	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19551:202107150944:SR		Nitrate/Nitrite as N	14797-55-8		69 mg/L		0.062	5 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Wate	
AC19551	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19551:202107150944:SR		Orthophosphate	14265-44-2		03 mg/L			5 mg/L	0.025 mg/L	4500-P-F	Clackamas County-Wate	
AC19551 AC19551	2021/07/15 0 2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Field Measurement/Observation	AC19551:202107150944:SR AC19551:202107150944:FM		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		06 mg/L '.8 SU		N/A	mg/L SU	0.02 mg/L SU	4500-H+B	365.3 ALS Environmental Kelso Clackamas County-Wate	
AC19551	2021/07/15 0	9:44	PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19551:202107150944:FM	Field Meter	Conductivity	N/A	164	.8 uS/cm			uS/cm	uS/cm		2510 Clackamas County-Wate	
AC19551 AC19551	2021/07/15 0 2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Field Measurement/Observation Sample-Routine	AC19551:202107150944:FM		Temperature, water Total Dissolved Solids	N/A N/A		i.9 deg C 16 mg/L			deg C	deg C 5.6 mg/L	2550 B 2540-C	Clackamas County-Wate	
AC19551 AC19551	2021/07/15 0		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC19551:202107150944:SR AC19551:202107150944:SR		Total Suspended Solids	N/A N/A	<1.0	mg/L			6 mg/L 7 mg/L	1.17 mg/L	2540-C	Clackamas County-Wate Clackamas County-Wate	
AC19551	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19551:202107150944:SR		Total Solids	N/A		33 mg/L			5 mg/L	5 mg/L	2540-B	Clackamas County-Wate	
AC19551 AC19552	2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19551:202107150944:SR AC19552:202107151011:SR		Dissolved Oxygen	N/A 7440-50-8		9 mg/L 1.9 ug/L			2 mg/L 1 ug/L	0.02 mg/L 0.1 ug/L	4500-O-C	Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19552 AC19552	2021/07/15 1		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC19552:202107151011:SR AC19552:202107151011:SR		Copper Lead	7439-92-1		56 ug/L			1 ug/L 1 ug/L	0.01 ug/L		200.8 Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19552	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19552:202107151011:SR		Zinc	7440-66-6		8 ug/L			1 ug/L	1 ug/L		200.8 Clackamas County-Wate	
AC19552 AC19552	2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19552:202107151011:SR AC19552:202107151011:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1		1.3 ug/L 02 ug/L			1 ug/L 1 ug/L	0.1 ug/L 0.01 ug/L		200.8 Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19552 AC19552	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19552:202107151011:SR AC19552:202107151011:SR		Zinc, dissolved	7440-66-6		6 ug/L			1 ug/L	1 ug/L		200.8 Clackamas County-Wate	
AC19552	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19552:202107151011:SR		E. Coli	68583-22-2		87 MPN/100ml			1 MPN/100ml	1 MPN/100	nl COLILERT/2000) Clackamas County-Wate	er AC19552
AC19552 AC19552	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19552:202107151011:SR AC19552:202107151011:SR		Total Hardness Ammonia-nitrogen	N/A N/A		86 mg/I CaCO3 89 mg/L			3 mg/l CaCO3 5 mg/L	5.3 mg/l CaC 0.0205 mg/L	3 2340c 4500-NH3 G	Clackamas County-Wate Clackamas County-Wate	
AC19552 AC19552	2021/07/15 1		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC19552:202107151011:SR AC19552:202107151011:SR		Nitrate/Nitrite as N	14797-55-8		8 mg/L			5 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Wate	
AC19552	2021/07/15 1	0:11	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19552:202107151011:SR		Orthophosphate	14265-44-2	0.	08 mg/L		0.02	5 mg/L	0.025 mg/L	4500-P-F	Clackamas County-Wate	er AC19552
AC19552 AC19552	2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Field Measurement/Observation	AC19552:202107151011:SR AC19552:202107151011:FM		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		16 mg/L 7 SU		N/A	mg/L SU	0.02 mg/L SU	4500-H+B	365.3 ALS Environmental Kelso Clackamas County-Wate	
AC19552 AC19552	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19552:202107151011:FM		Conductivity	N/A		02 uS/cm			uS/cm	uS/cm		2510 Clackamas County-Wate	
AC19552	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19552:202107151011:FM		Temperature, water	N/A		.2 deg C			deg C	deg C	2550 B	Clackamas County-Wate	
AC19552 AC19552	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19552:202107151011:SR AC19552:202107151011:SR		Total Dissolved Solids Total Suspended Solids	N/A N/A		70 mg/L 5 mg/L			6 mg/L 7 mg/L	5.6 mg/L 1.17 mg/L	2540-C 2540-D	Clackamas County-Wate Clackamas County-Wate	
AC19552 AC19552	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19552:202107151011:SR AC19552:202107151011:SR		Total Solids	N/A		87 mg/L			5 mg/L	5 mg/L	2540-B	Clackamas County-Wate	
AC19552	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19552:202107151011:SR		Dissolved Oxygen	N/A		i.7 mg/L			2 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Wate	
AC19553 AC19553	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19553:202107151033:SR AC19553:202107151033:SR		Copper Lead	7440-50-8 7439-92-1		1 ug/L 32 ug/L			1 ug/L 1 ug/L	0.1 ug/L 0.01 ug/L		200.8 Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19553	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19553:202107151033:SR AC19553:202107151033:SR		Zinc	7440-66-6		6 ug/L			1 ug/L	1 ug/L		200.8 Clackamas County-Wate	
AC19553	2021/07/15 1	0:33	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19553:202107151033:SR	Grab	Copper, dissolved	7440-50-8	C	1.6 ug/L		0.	1 ug/L	0.1 ug/L		200.8 Clackamas County-Wate	er AC19553
AC19553 AC19553	2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19553:202107151033:SR		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6		04 ug/L			1 ug/L	0.01 ug/L		200.8 Clackamas County-Wate	
AC19553 AC19553	2021/07/15 1		PDT ("Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19553:202107151033:SR AC19553:202107151033:SR		E. Coli	68583-22-2		6 ug/L 81 MPN/100ml			1 ug/L 1 MPN/100ml	1 ug/L 1 MPN/100		200.8 Clackamas County-Wate Clackamas County-Wate	
AC19553	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19553:202107151033:SR		Total Hardness	N/A		94 mg/l CaCO3			3 mg/l CaCO3	5.3 mg/l CaC		Clackamas County-Wate	er AC19553
AC19553 AC19553	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19553:202107151033:SR AC19553:202107151033:SR		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8		57 mg/L			5 mg/L	0.0205 mg/L 0.0625 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Wate Clackamas County-Wate	
AC19553 AC19553	2021/07/15 1		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC19553:20210/151033:SR AC19553:202107151033:SR		Orthophosphate	14265-44-2		29 mg/L 09 mg/L			5 mg/L 5 mg/L	0.0625 mg/L	4500-NO3(F) 4500-P-F	Clackamas County-Wate	
AC19553	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19553:202107151033:SR		Phosphorus	7723-14-0		15 mg/L		N/A	mg/L	0.02 mg/L		865.3 ALS Environmental Kelso	
AC19553 AC19553	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Field Measurement/Observation Field Measurement/Observation	AC19553:202107151033:FM AC19553:202107151033:FM		Acidity, hydrogen ion (H+) Conductivity	N/A N/A		'.7 SU 16 uS/cm			SU uS/cm	SU uS/cm	4500-H+B	Clackamas County-Wate 2510 Clackamas County-Wate	
AC19553	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19553:202107151033:FM		Temperature, water	N/A		.9 deg C			deg C	deg C	2550 B	Clackamas County-Wate	
AC19553	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19553:202107151033:SR		Total Dissolved Solids	N/A	1	54 mg/L			6 mg/L	5.6 mg/L	2540-C	Clackamas County-Wate	
AC19553 AC19553	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19553:202107151033:SR AC19553:202107151033:SR		Total Suspended Solids Total Solids	N/A N/A		2 mg/L 71 mg/L			7 mg/L 5 mg/L	1.17 mg/L 5 mg/L	2540-D 2540-B	Clackamas County-Wate Clackamas County-Wate	
AC19553	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19553:202107151033:SR		Dissolved Oxygen	N/A		'.8 mg/L			2 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Wate	
AC19554	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19554:202107150915:SR		Copper	7440-50-8		1.6 ug/L			1 ug/L	0.1 ug/L		200.8 Clackamas County-Wate	
AC19554 AC19554	2021/07/15 0 2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19554:202107150915:SR AC19554:202107150915:SR		Lead Zinc	7439-92-1 7440-66-6	<1	19 ug/L ug/L			1 ug/L 1 ug/L	0.01 ug/L 1 ug/L		200.8 Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19554	2021/07/15 0		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC19554:202107150915:SR		Copper, dissolved	7440-50-8		0.5 ug/L			1 ug/L	0.1 ug/L		200.8 Clackamas County-Wate	
AC19554	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19554:202107150915:SR		Lead, dissolved	7439-92-1	<0.01	ug/L			1 ug/L	0.01 ug/L		200.8 Clackamas County-Wate	
AC19554 AC19554	2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19554:202107150915:SR AC19554:202107150915:SR		Zinc, dissolved E. Coli	7440-66-6 68583-22-2		2 ug/L 45 MPN/100ml			1 ug/L 1 MPN/100ml	1 ug/L 1 MPN/100		200.8 Clackamas County-Wate Clackamas County-Wate	
AC19554	2021/07/15 0	9:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19554:202107150915:SR		Total Hardness	N/A	:	82 mg/l CaCO3			3 mg/l CaCO3	5.3 mg/l CaC	3 2340c	Clackamas County-Wate	
AC19554	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19554:202107150915:SR		Ammonia-nitrogen	N/A		44 mg/L			5 mg/L	0.0205 mg/L	4500-NH3 G	Clackamas County-Wate	
AC19554 AC19554	2021/07/15 0 2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19554:202107150915:SR AC19554:202107150915:SR		Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2		48 mg/L 08 mg/L			5 mg/L 5 mg/L	0.0625 mg/L 0.025 mg/L	4500-NO3(F) 4500-P-F	Clackamas County-Wate Clackamas County-Wate	
AC19554	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19554:202107150915:SR		Phosphorus	7723-14-0		0.1 mg/L		N/A	mg/L	0.02 mg/L		865.3 ALS Environmental Kelso	
AC19554	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19554:202107150915:FM		Acidity, hydrogen ion (H+)	N/A		.8 SU			SU	SU	4500-H+B	Clackamas County-Wate	
AC19554 AC19554	2021/07/15 0 2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Field Measurement/Observation Field Measurement/Observation	AC19554:202107150915:FM AC19554:202107150915:FM		Conductivity Temperature, water	N/A N/A		i.3 uS/cm i.5 deg C			uS/cm deg C	uS/cm deg C	2550 B	2510 Clackamas County-Wate Clackamas County-Wate	
AC19554	2021/07/15 0	9:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19554:202107150915:SR		Total Dissolved Solids	N/A		30 mg/L			6 mg/L	5.6 mg/L	2540-C	Clackamas County-Wate	
AC19554	2021/07/15 0		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19554:202107150915:SR		Total Suspended Solids	N/A		1 mg/L			7 mg/L	1.17 mg/L	2540-D	Clackamas County-Wate	
AC19554 AC19554	2021/07/15 0		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19554:202107150915:SR AC19554:202107150915:SR		Total Solids Dissolved Oxygen	N/A N/A		42 mg/L 8.8 mg/L			5 mg/L 2 mg/L	5 mg/L 0.02 mg/L	2540-B 4500-O-C	Clackamas County-Wate Clackamas County-Wate	
AC19555	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19555:202107151058:SR		Copper	7440-50-8	C	1.8 ug/L			1 ug/L	0.1 ug/L		200.8 Clackamas County-Wate	
AC19555	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19555:202107151058:SR		Lead	7439-92-1		33 ug/L			1 ug/L	0.01 ug/L		200.8 Clackamas County-Wate	
AC19555 AC19555	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19555:202107151058:SR AC19555:202107151058:SR		Zinc Copper, dissolved	7440-66-6 7440-50-8		6 ug/L 0.5 ug/L			1 ug/L 1 ug/L	1 ug/L 0.1 ug/L		200.8 Clackamas County-Wate 200.8 Clackamas County-Wate	
AC19555	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19555:202107151058:SR		Lead, dissolved	7439-92-1		03 ug/L			1 ug/L	0.01 ug/L		200.8 Clackamas County-Wate	
AC19555	2021/07/15 1	0:58	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19555:202107151058:SR		Zinc, dissolved	7440-66-6		3 ug/L			1 ug/L	1 ug/L		200.8 Clackamas County-Wate	
AC19555 AC19555	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19555:202107151058:SR AC19555:202107151058:SR		E. Coli Total Hardness	68583-22-2 N/A		25 MPN/100ml 90 mg/l CaCO3			1 MPN/100ml 3 mg/l CaCO3	1 MPN/100 5.3 mg/I CaC) Clackamas County-Wate Clackamas County-Wate	
AC19555	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19555:202107151058:SR		Ammonia-nitrogen	N/A		54 mg/L			5 mg/L	0.0205 mg/L	4500-NH3 G	Clackamas County-Wate	
AC19555	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19555:202107151058:SR		Nitrate/Nitrite as N	14797-55-8		3 mg/L			5 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Wate	
AC19555 AC19555	2021/07/15 1 2021/07/15 1		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19555:202107151058:SR AC19555:202107151058:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0		08 mg/L 13 mg/L		0.02 N/A	5 mg/L mg/l	0.025 mg/L 0.02 mg/L	4500-P-F	Clackamas County-Wate 865.3 ALS Environmental Kelso	
AC19555	2021/07/15 1		PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19555:202107151058:5K		Acidity, hydrogen ion (H+)	N/A		8 SU			mg/L SU	SU	4500-H+B	Clackamas County-Wate	

	Activity Start Activity Start	Activity Start/End		Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure						Laboratory Name	Lab Sample ID
ID AC19555	Date Time 2021/07/15 10:58	Time Zone PDT (~Mar-Oct)	Subdivision Name Surface Water	Field Measurement/Observation	AC19555:202107151058:FM	Eield Meter	Conductivity	N/A		L uS/cm	Qualifier	Value	Unit uS/cm	Value	Unit uS/cm	Method ID 2510	Clackamas County-Water	
AC19555	2021/07/15 10:58	PDT (~Mar-Oct)	Surface Water	Field Measurement/Observation	AC19555:202107151058:FM		Temperature, water	N/A		3 deg C			deg C		deg C	2550 B	Clackamas County-Water	
AC19555	2021/07/15 10:58	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19555:202107151058:SR		Total Dissolved Solids	N/A		2 mg/L			5.6 mg/L		mg/L	2540-C	Clackamas County-Water	
AC19555 AC19555	2021/07/15 10:58 2021/07/15 10:58	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC19555:202107151058:SR AC19555:202107151058:SR		Total Suspended Solids Total Solids	N/A N/A		5 mg/L 9 mg/L			17 mg/L 5 mg/L		mg/L mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC19555		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC19555:202107151058:SR		Dissolved Oxygen	N/A		3 mg/L			02 mg/L		mg/L	4500-O-C	Clackamas County-Water	
AC20327		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR		Copper	7440-50-8		3 ug/L			0.1 ug/L		ug/L		3 Clackamas County-Water	
AC20327 AC20327	2021/08/04 07:35 2021/08/04 07:35	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20327:202108040735:SR AC20327:202108040735:SR		Lead Zinc	7439-92-1 7440-66-6		5 ug/L ∔ ug/L		0.0	01 ug/L		ug/L		3 Clackamas County-Water 3 Clackamas County-Water	
AC20327 AC20327	2021/08/04 07:35	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR		Copper, dissolved	7440-50-8		r ug/L 7 ug/L		C	1 ug/L).1 ug/L		ug/L ug/L		Clackamas County-Water	
AC20327		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR	Grab	Lead, dissolved	7439-92-1	<0.01	ug/L			01 ug/L	0.01	ug/L		3 Clackamas County-Water	
AC20327	2021/08/04 07:35	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR AC20327:202108040735:SR		Zinc, dissolved	7440-66-6	<1	ug/L			1 ug/L		ug/L		Clackamas County-Water	
AC20327 AC20327		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20327:202108040735:SR		E. Coli Total Hardness	68583-22-2 N/A		7 MPN/100ml 3 mg/l CaCO3		5	1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC20327	2021/08/04 07:35	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR	Grab	Ammonia-nitrogen	N/A	0.021	l mg/L			05 mg/L	0.0205	mg/L	4500-NH3 G	Clackamas County-Water	
AC20327	2021/08/04 07:35	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR		Nitrate/Nitrite as N	14797-55-8		3 mg/L			25 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC20327 AC20327	2021/08/04 07:35 2021/08/04 07:35	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20327:202108040735:SR AC20327:202108040735:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0		3 mg/L 2 mg/L		0.0	06 mg/L mg/L	0.006	mg/L mg/L	4500-P-F 365.3	Clackamas County-Water ALS Environmental Kelso	
AC20327		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR		Acidity, hydrogen ion (H+)	N/A		5 SU		N/A	SU		SU	4500-H+B	Clackamas County-Water	
AC20327		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR		Conductivity	N/A) uS/cm		N/A	uS/cm		uS/cm		Clackamas County-Water	
AC20327 AC20327	2021/08/04 07:35 2021/08/04 07:35	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20327:202108040735:SR AC20327:202108040735:SR		Temperature, water Total Dissolved Solids	N/A N/A		የ deg C ፩ mg/L		N/A 5	deg C 5.6 mg/L		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC20327		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR		Total Suspended Solids	N/A) mg/L			17 mg/L		mg/L	2540-D	Clackamas County-Water	
AC20327	2021/08/04 07:35	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20327:202108040735:SR		Total Solids	N/A		3 mg/L			5 mg/L		mg/L	2540-B	Clackamas County-Water	
AC20327 AC20327		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20327:202108040735:SR AC20327:202108040735:SR		Total volatile solids Dissolved Oxygen	N/A N/A		7 mg/L 3 mg/L			5 mg/L 02 mg/L		mg/L mg/L	2540-E 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC20328		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR		Copper	7440-50-8		/ ug/L			0.1 ug/L		ug/L		Clackamas County-Water	
AC20328	2021/08/04 08:28	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR	Grab	Lead	7439-92-1	0.29	9 ug/L		0.0	01 ug/L	0.01	ug/L		3 Clackamas County-Water	
AC20328 AC20328	2021/08/04 08:28 2021/08/04 08:28	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC20328:202108040828:SR		Zinc Conper dissolved	7440-66-6 7440-50-8		5 ug/L 5 ug/L			1 ug/L		ug/L ug/L		3 Clackamas County-Water 3 Clackamas County-Water	
AC20328 AC20328	2021/08/04 08:28	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20328:202108040828:SR AC20328:202108040828:SR		Copper, dissolved Lead, dissolved	7439-92-1	<0.01	ug/L			0.1 ug/L 01 ug/L	0.01			3 Clackamas County-Water 3 Clackamas County-Water	
AC20328	2021/08/04 08:28	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR	Grab	Zinc, dissolved	7440-66-6	4	l ug/L			1 ug/L	1	ug/L	200.8	3 Clackamas County-Water	AC20328
AC20328		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR		E. Coli Total Hardness	68583-22-2		5 MPN/100ml		-	1 MPN/100ml		MPN/100ml		Clackamas County-Water	
AC20328 AC20328	2021/08/04 08:28 2021/08/04 08:28	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20328:202108040828:SR AC20328:202108040828:SR		Total Hardness Ammonia-nitrogen	N/A N/A		7 mg/I CaCO3 2 mg/L			5.3 mg/I CaCO3 05 mg/L	0.0205	mg/I CaCO3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC20328		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR		Nitrate/Nitrite as N	14797-55-8	0.68	3 mg/L		0.06	25 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC20328	2021/08/04 08:28	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR		Orthophosphate	14265-44-2		2 mg/L			25 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC20328 AC20328		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20328:202108040828:SR AC20328:202108040828:SR		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		5 mg/L 5 SU		N/A N/A	mg/L SU		mg/L SU	4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC20328	2021/08/04 08:28	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR		Conductivity	N/A		3 uS/cm		N/A	uS/cm		uS/cm		Clackamas County-Water	
AC20328	2021/08/04 08:28	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR		Temperature, water	N/A		deg C		N/A	deg C		deg C	2550 B	Clackamas County-Water	
AC20328 AC20328	2021/08/04 08:28 2021/08/04 08:28	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20328:202108040828:SR AC20328:202108040828:SR		Total Dissolved Solids Total Suspended Solids	N/A N/A		5 mg/L L mg/L			5.6 mg/L 17 mg/L		mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC20328		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR		Total Solids	N/A		3 mg/L			5 mg/L		mg/L	2540-B	Clackamas County-Water	
AC20328		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20328:202108040828:SR		Dissolved Oxygen	N/A	5	5 mg/L		0.0	02 mg/L	0.02	mg/L		Clackamas County-Water	
AC20329 AC20329	2021/08/04 09:05 2021/08/04 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20329:202108040905:SR AC20329:202108040905:SR		Copper Lead	7440-50-8 7439-92-1		0 ug/L 7 ug/L			0.1 ug/L 01 ug/L	0.1	ug/L		3 Clackamas County-Water	
AC20329 AC20329		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR		Zinc	7440-66-6		Gug/L			1 ug/L		ug/L		3 Clackamas County-Water 3 Clackamas County-Water	
AC20329		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR		Copper, dissolved	7440-50-8		7 ug/L			0.1 ug/L	0.1	ug/L	200.8	3 Clackamas County-Water	AC20329
AC20329 AC20329		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20329:202108040905:SR AC20329:202108040905:SR		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	<0.01	ug/L ↓ug/L			01 ug/L	0.01			3 Clackamas County-Water 3 Clackamas County-Water	
AC20329 AC20329		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR		E. Coli	68583-22-2		2 MPN/100ml			1 ug/L 1 MPN/100ml		ug/L MPN/100ml		Clackamas County-Water	
AC20329	2021/08/04 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR		Total Hardness	N/A	74	mg/I CaCO3		5	5.3 mg/l CaCO3	5.3	mg/I CaCO3	2340c	Clackamas County-Water	
AC20329	2021/08/04 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR		Ammonia-nitrogen	N/A		5 mg/L			05 mg/L	0.0205		4500-NH3 G	Clackamas County-Water	
AC20329 AC20329		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20329:202108040905:SR AC20329:202108040905:SR		Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2		3 mg/L 3 mg/L			25 mg/L 25 mg/L	0.0625		4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC20329		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR		Phosphorus	7723-14-0		l mg/L		N/A	mg/L		mg/L		ALS Environmental Kelso	
AC20329		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR		Acidity, hydrogen ion (H+)	N/A		9 SU		N/A	SU	,	SU	4500-H+B	Clackamas County-Water	
AC20329 AC20329	2021/08/04 09:05 2021/08/04 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20329:202108040905:SR AC20329:202108040905:SR		Conductivity Temperature, water	N/A N/A		5 uS/cm 3 deg C		N/A N/A	uS/cm deg C		uS/cm deg C	2550 B	Clackamas County-Water Clackamas County-Water	
AC20329	2021/08/04 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR	Grab	Total Dissolved Solids	N/A		l mg/L		5	5.6 mg/L	,	mg/L	2540-C	Clackamas County-Water	
AC20329	2021/08/04 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20329:202108040905:SR		Total Suspended Solids	N/A		L mg/L			17 mg/L		mg/L	2540-D	Clackamas County-Water	
AC20329 AC20329	2021/08/04 09:05 2021/08/04 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20329:202108040905:SR AC20329:202108040905:SR		Total Solids Dissolved Oxygen	N/A N/A		∔ mg/L L mg/L			5 mg/L 02 mg/L		mg/L mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC20330	2021/08/04 09:46	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR		Copper	7440-50-8		2 ug/L			0.1 ug/L		ug/L		3 Clackamas County-Water	
AC20330	2021/08/04 09:46	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR	Grab	Lead	7439-92-1		l ug/L			01 ug/L	0.01	ug/L		Clackamas County-Water	
AC20330 AC20330	2021/08/04 09:46 2021/08/04 09:46	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20330:202108040946:SR AC20330:202108040946:SR		Zinc Copper, dissolved	7440-66-6 7440-50-8		7 ug/L ∂ ug/L			1 ug/L).1 ug/L		ug/L ug/L		3 Clackamas County-Water 3 Clackamas County-Water	
AC20330	2021/08/04 09:46	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR		Lead, dissolved	7439-92-1		3 ug/L			01 ug/L	0.01			3 Clackamas County-Water	
AC20330		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR		Zinc, dissolved	7440-66-6		i ug/L			1 ug/L		ug/L		Clackamas County-Water	
AC20330 AC20330	2021/08/04 09:46 2021/08/04 09:46	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20330:202108040946:SR AC20330:202108040946:SR		E. Coli Total Hardness	68583-22-2 N/A) MPN/100ml 3 mg/l CaCO3		5	1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC20330	2021/08/04 09:46	PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR		Ammonia-nitrogen	N/A N/A		9 mg/L			05 mg/L	0.0205		4500-NH3 G	Clackamas County-Water	
AC20330	2021/08/04 09:46	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR	Grab	Nitrate/Nitrite as N	14797-55-8	0.65	9 mg/L		0.06	25 mg/L	0.0625	mg/L	4500-NO3(F)	Clackamas County-Water	AC20330
AC20330		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR		Orthophosphate Phosphorus	14265-44-2		l mg/L / mg/L			25 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC20330 AC20330		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20330:202108040946:SR AC20330:202108040946:SR		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		7 mg/L 3 SU		N/A N/A	mg/L SU		mg/L SU	4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC20330	2021/08/04 09:46	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR	Field Meter	Conductivity	N/A	177.1	L uS/cm		N/A	uS/cm	N/A	uS/cm	2510	Clackamas County-Water	AC20330
AC20330	2021/08/04 09:46	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR		Temperature, water	N/A		deg C		N/A	deg C		deg C	2550 B	Clackamas County-Water	
AC20330 AC20330		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20330:202108040946:SR AC20330:202108040946:SR		Total Dissolved Solids Total Suspended Solids	N/A N/A		5 mg/L 2 mg/L			5.6 mg/L 17 mg/L		mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC20330		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR		Total Solids	N/A		7 mg/L			5 mg/L	5	mg/L	2540-B	Clackamas County-Water	
AC20330		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20330:202108040946:SR		Dissolved Oxygen	N/A		l mg/L			02 mg/L		mg/L		Clackamas County-Water	
AC20331 AC20331	2021/08/04 10:15 2021/08/04 10:15	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20331:202108041015:SR AC20331:202108041015:SR		Copper Lead	7440-50-8 7439-92-1		∔ug/L ∂ug/L			0.1 ug/L 01 ug/L	0.1	ug/L ug/L		3 Clackamas County-Water 3 Clackamas County-Water	
AC20331 AC20331		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC20331:202108041015:SR		Zinc	7440-66-6		5 ug/L			1 ug/L		ug/L		Clackamas County-Water	
AC20331	2021/08/04 10:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20331:202108041015:SR	Grab	Copper, dissolved	7440-50-8	0.3	3 ug/L		C	0.1 ug/L	0.1	ug/L	200.8	3 Clackamas County-Water	AC20331
AC20331 AC20331		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20331:202108041015:SR		Lead, dissolved Zipc, dissolved	7439-92-1 7440-66-6		3 ug/L			01 ug/L	0.01			3 Clackamas County-Water	
AC20331 AC20331		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20331:202108041015:SR AC20331:202108041015:SR		Zinc, dissolved E. Coli	7440-66-6 68583-22-2		l ug/L 5 MPN/100ml			1 ug/L 1 MPN/100ml		ug/L MPN/100ml		3 Clackamas County-Water Clackamas County-Water	
AC20331	2021/08/04 10:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20331:202108041015:SR	Grab	Total Hardness	N/A	86	5 mg/l CaCO3		5	5.3 mg/l CaCO3	5.3	mg/l CaCO3	2340c	Clackamas County-Water	AC20331
AC20331	2021/08/04 10:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20331:202108041015:SR		Ammonia-nitrogen	N/A		3 mg/L			05 mg/L	0.0205		4500-NH3 G	Clackamas County-Water	
AC20331 AC20331		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC20331:202108041015:SR AC20331:202108041015:SR		Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2		6 mg/L 8 mg/L			25 mg/L 25 mg/L	0.0625		4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC20331		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20331:202108041015:SR		Phosphorus	7723-14-0		5 mg/L		N/A	mg/L		mg/L		ALS Environmental Kelso	

	Monitoring Location	Activity Start Activity Start	Activity Start/End	Activity Media	Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure Oualifier	Detection Limit Value	Detection Limit Unit	Reporting Limit Value	Reporting Limi	t Result Analytical Method ID	- Laboratory Name	Lab Sample ID
No. 2 No. 2 <th< td=""><td>AC20331</td><td>5446</td><td></td><td>Subarrision Hume</td><td>Sample-Routine</td><td>AC20331:202108041015:SR</td><td>Field Meter</td><td>Acidity, hydrogen ion (H+)</td><td></td><td></td><td></td><td>Quaimer</td><td></td><td></td><td></td><td></td><td></td><td>Clackamas County-Water</td><td>AC20331</td></th<>	AC20331	5446		Subarrision Hume	Sample-Routine	AC20331:202108041015:SR	Field Meter	Acidity, hydrogen ion (H+)				Quaimer						Clackamas County-Water	AC20331
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Monte Andreak Monte																		,	
		2021/08/04 10:35		Surface Water	Sample-Routine	AC20332:202108041035:SR	Grab	Orthophosphate			08 mg/L		0.025 r	ng/L	0.025	mg/L	4500-P-F	Clackamas County-Water	AC20332
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Model Model <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>																			
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										0	1.7 ug/L								
APPP Selected Se														0,					
No. No. <td>AC20333</td> <td>2021/08/04 09:20</td> <td>PDT (~Mar-Oct)</td> <td>Surface Water</td> <td>Sample-Routine</td> <td>AC20333:202108040920:SR</td> <td>Grab</td> <td>Lead, dissolved</td> <td>7439-92-1</td> <td><0.01</td> <td>ug/L</td> <td></td> <td>0.01 (</td> <td>ıg/L</td> <td>0.01</td> <td>ug/L</td> <td>200.</td> <td>8 Clackamas County-Water</td> <td>AC20333</td>	AC20333	2021/08/04 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC20333:202108040920:SR	Grab	Lead, dissolved	7439-92-1	<0.01	ug/L		0.01 (ıg/L	0.01	ug/L	200.	8 Clackamas County-Water	AC20333
ACM ACM ACM ACM ACM											-			-					
		2021/08/04 09:20	PDT (~Mar-Oct)	Surface Water		AC20333:202108040920:SR	Grab			0.03	32 mg/L		0.0205 r	ng/L	0.0205	mg/L		Clackamas County-Water	AC20333
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Added <th< td=""><td></td><td></td><td>. ,</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><i>L</i> .</td><td></td><td></td><td></td><td>,</td><td></td></th<>			. ,		-									<i>L</i> .				,	
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AD30 N200 No 100 PT Me-Gr Jack Ward Ward Ward Ward Ward Ward Ward Ward						AC20334:202108041100:SR				10	65 mg/L								
AC2130 B021 Model 11.6 PFT Max-00 Sinthe Water AC21432 SUBJECT 1.6 Sinthe Water AC21432 SUBJECT 1.6 Sinthe Water AC21432 SUBJECT 1.6 Sinthe Water Sinthe Wate			. ,																
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AC147 AC147 AC147 AC14772200001155 for all context and activity activit		2021/09/01 08:15		Surface Water	Sample-Routine	AC21417:202109010815:SR					1 ug/L				0.1	ug/L	200.	8 Clackamas County-Water	AC21417
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AC1147 S202/90/10 0815 PFT PMar-C0 Sample Routine AC1147/2012090101558 for he Tind Incrine N/A PT mol-CA3 Sample Routine Sample Routine Sample Routine AC1147/2012090101558 for he Nine Nine N/A CA3 Mol-CA3 DODS mg/L DODS mg/L DODS mg/L DODS mg/L GODS mg/L																			
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A22147 2021/09/0 08:55 PPT Mar-Cel Sample-Routine A21417-20100008155 PPT Mar-Cel Sample-Routine A21417-20100000155 PPT Mar-Cel Sample-Routine																			
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AC2147 2021/09/10 0815 PDT ("Mar-Od: Surface Water Sample-Routine AC21417/2021090108155: R Grab Total Solved Solids N/A 3 mg/L 3 f.6 mg/L 5 f.6 mg/L<									•										
A22147 2021/09/01 08:15 PDT (Mar-CM) Surface Water Sample-Routine A22147/2021000108:15: R rab Total Supende Solds N/A 8 mg/L 11 mg/L 1.1 mg/L 2.1 mg/L 2.6 - 0.0 dackanase Courty-Water A221 A22147 2021/09/10 08:15 PDT (Mar-CM) Surface Water Sample-Routine A22147/2021000185:55 G rab Total Valuel solds N/A 3.1 mg/L 3.1 mg/L 5.1 mg/L 5.0 mg/L 5.0 mg/L 5.0 mg/L 5.0 mg/L 5.0 mg/L 6.0 mg/L														0	,			,	
A 2021/90/10 08:15 PDT ("Mar-Out Surface Water Sample-Routine A C21417-202109010815.5R Grab Total Solde NA 143 mg/L Simple/L Simple/L 254-98 Clakanas County-Water A C21 A C21417 2021/09/10 08:15 PDT ("Mar-Out Sample-Routine A C21417-202109010815.5R Grab Total Solded Junge NA 5 mg/L 5 mg/L 60 0.0 Mg/L 450-0-C Clakanas County-Water A C21 A C21417 2021/09/10 08:00 PDT ("Mar-Out Sample-Routine A C21418-202109010815.5R Grab Coper 7440.50-8 0.0 0.0 Mg/L 60.0 Mg/L <td></td>																			
A 20147 2021/09/10 08:15 PDT (Mar-Oct) Surface Water A 201417:20120010815:8. Grab Disolved Oxyeen M 9 mg/L 0.02 mg/L 0.02 mg/L 400-0.c declamas county-Water AC21 A C21418 2021/09/10 09:00 PDT (Mar-Oct) Surface Water AC21418:2012001009005R Grab Lead A39-92.1 0.28 ug/L 0.01 ug/L 0.01 ug/L 0.00 mg/L		2021/09/01 08:15	PDT (~Mar-Oct)		Sample-Routine	AC21417:202109010815:SR	Grab	Total Solids		14	43 mg/L		5 r	ng/L	5	mg/L		Clackamas County-Water	AC21417
AC214182021/09/10 9:00PDT (^Mar-Oct)Surface WaterSample-RoutineAC21418: 202109010900; R GrabC oper7440-50.80.7 ug/L0.1 ug/L0.1 ug/L0.20.0C lackamas County-Water AC21AC21418: 20210910900; R GrabL ed7440-50.80.7 ug/L0.01 ug/L0.01 ug/L0.01 ug/L0.00.00.01 ug/L0.00.00.01 ug/L0.00.00.01 ug/L0.00.00.00.00.01 ug/L0.0<																			
AC21418Q021/09/10 9:00PDT ("Mar-Oct)Surface WaterSample-RoutineAC21418:2010910900;SR GrabLad7439-92.1Q.28 ug/LQ.01 ug/LQ.00 ug/LQ.000 ug/L <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>,</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									,										
AC21418 O201/09/10 9:00 PDT (Mar-Oct) Surface Water AC21418:2010910900;SR Grab Copper, dissolved 740-50-8 0.5 ug/L 0.5 ug/L 0.1 ug/L 0.2008 Clackamas County-Water AC210 AC21418 2021/09/10 9:00 PDT (Mar-Oct) Surface Water Sample-Routine AC21418:2010910900;SR Grab Lead, dissolved 7439-92-1 0.5 ug/L 0.1 ug/L 0.0 ug/L 0.0 ug/L 2008 Clackamas County-Water AC2142 AC21418 2021/09/10 9:00 PDT (Mar-Oct) Surface Water AC21418:2010910900;SR Grab E.Gi 508/L 508/L 10/L 0.0 ug/L 2008 Clackamas County-Water AC2148 AC21418 2021/09/10 9:00 PDT (Mar-Oct) Surface Water Sample-Routine AC2148:2010910900;SR Grab E.Gi 6858-22 51 MPM/100ml 10.1 ug/L 0.0 ug/	AC21418	2021/09/01 09:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21418:202109010900:SR	Grab	Lead	7439-92-1	0.2	28 ug/L		0.01 เ	ıg/L	0.01	ug/L	200.	8 Clackamas County-Water	AC21418
AC21418 O201/09/10 9:00 PDT (^Mar-Oct) Surface Water Sample-Routine AC21418:20210910900;SR Gab Lead, dissolved 7439-9-1 vol u/l u/l u/l 0.00 u/l 0.00 u/l 0.00 u/l 0.00 u/l 0.00 0.0																		,	
AC21418 Op10 / 000 / 000 PD (^ Mar-Ou Sunde Active A																			
AC21482021/09/10 9:00PDT (^Mar-Out)Surface WaterSample-RoutineAC21418:202109010900; R GrabTotal HardnessN/A148 mg/ LaCO3148 mg/ LaCO3140 mg/ LaCO3240cClackamas County-WaterAC214AC214182021/09/10 9:00PDT (^Mar-Out)Surface WaterSample-RoutineAC21418:202109010900; R GrabAmmonia-nitrogenN/A<0.03	AC21418	2021/09/01 09:00					Grab	Zinc, dissolved	7440-66-6		5 ug/L		1 ເ	ıg/L	1	ug/L			
AC21418 2021/09/10 9:00 PDT ("Mar-Oct) Surface Water Sample-Routine AC21418:202109010900;SR Grab Ammonia-nitrogen N/A <0.03 mg/L 0.005 mg/L 0.0005 mg/L 0.0005 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>																			
AC21418 2021/09/10 9:00 PDT ("Mar-Oct) Surface Water Sample-Routine AC21418:202109010900;SR Grab Nitrate/Nitrite as N 1479-55-8 0.88 mg/L 0.0625 mg/L																			
								-	,										
AC21418 2021/09/01 09:00 PDT ("Mar-Oct) Surface Water Sample-Routine AC21418:202109010900:SR Grab Orthophosphate 14265-44-2 0.03 mg/L 0.025 mg/L 0.025 mg/L 450-PF Clackamas County-Water AC21	AC21418		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21418:202109010900:SR		Orthophosphate	14265-44-2		03 mg/L						4500-P-F	Clackamas County-Water	

Monitoring Location	Activity Start Activity Start	Activity Start/End	Activity Media Subdivision Name	Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure Qualifier	Detection Limit					Laboratory Name	Lab Sample ID
AC21418		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21418:202109010900:SF	R Grab	Phosphorus	7723-14-0	0.05	mg/L	Quaimer	N/A	Unit mg/L	Value 0.02	Unit mg/L	Method ID 365.3	ALS Environmental Kelso	AC21418
AC21418	2021/09/01 09:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21418:202109010900:SF		Acidity, hydrogen ion (H+)	N/A	7.4	SU		N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC21418 AC21418	2021/09/01 09:00 2021/09/01 09:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21418:202109010900:SF AC21418:202109010900:SF		Conductivity Temperature, water	N/A N/A	322 12.9	uS/cm		N/A N/A	uS/cm deg C		uS/cm deg C	2510 2550 B	Clackamas County-Water Clackamas County-Water	
AC21418	2021/09/01 09:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21418:202109010900:SF		Total Dissolved Solids	N/A	12.5				5 mg/L	,	mg/L	2540-C	Clackamas County-Water	
AC21418	2021/09/01 09:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21418:202109010900:SF	R Grab	Total Suspended Solids	N/A	21	mg/L			7 mg/L	1.17	mg/L	2540-D	Clackamas County-Water	AC21418
AC21418		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21418:202109010900:SF		Total Solids	N/A	233				5 mg/L		mg/L	2540-B	Clackamas County-Water	
AC21418 AC21419	2021/09/01 09:00 2021/09/01 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21418:202109010900:SF AC21419:202109010940:SF		Dissolved Oxygen Copper	N/A 7440-50-8		mg/L ug/L			2 mg/L 1 ug/L		mg/L ug/L	4500-O-C 200.8	Clackamas County-Water Clackamas County-Water	
AC21419	2021/09/01 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF		Lead	7439-92-1	0.27				1 ug/L	0.01			Clackamas County-Water	
AC21419	2021/09/01 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF	R Grab	Zinc	7440-66-6		ug/L			1 ug/L		ug/L	200.8	Clackamas County-Water	AC21419
AC21419		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF		Copper, dissolved	7440-50-8		ug/L			1 ug/L		ug/L		Clackamas County-Water	
AC21419 AC21419		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21419:202109010940:SF AC21419:202109010940:SF		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6		ug/L ug/L			1 ug/L 1 ug/L	0.01	ug/L ug/L		Clackamas County-Water Clackamas County-Water	
AC21419		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF		E. Coli	68583-22-2		MPN/100ml			1 MPN/100ml		MPN/100ml		Clackamas County-Water	
AC21419	2021/09/01 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF		Total Hardness	N/A		mg/I CaCO3			3 mg/l CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC21419 AC21419	2021/09/01 09:40 2021/09/01 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21419:202109010940:SF AC21419:202109010940:SF		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	0.012			0.0205		0.0205		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC21419 AC21419		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:3F		Orthophosphate	14265-44-2	0.07				5 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC21419		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF	R Grab	Phosphorus	7723-14-0	0.08			N/A	mg/L		mg/L	365.3	ALS Environmental Kelso	
AC21419	2021/09/01 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF		Acidity, hydrogen ion (H+)	N/A	7.9			N/A	SU		SU	4500-H+B	Clackamas County-Water	
AC21419 AC21419	2021/09/01 09:40 2021/09/01 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21419:202109010940:SF AC21419:202109010940:SF		Conductivity Temperature, water	N/A N/A	183.8 12.8			N/A N/A	uS/cm deg C		uS/cm deg C	2510 2550 B	Clackamas County-Water Clackamas County-Water	
AC21419 AC21419	2021/09/01 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:5F		Total Dissolved Solids	N/A	132				5 mg/L		mg/L	2540-C	Clackamas County-Water	
AC21419	2021/09/01 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF	R Grab	Total Suspended Solids	N/A	2	mg/L			7 mg/L	1.17	mg/L	2540-D	Clackamas County-Water	AC21419
AC21419		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF		Total Solids	N/A	150				5 mg/L		mg/L	2540-B	Clackamas County-Water	
AC21419 AC21420	2021/09/01 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21419:202109010940:SF		Dissolved Oxygen	N/A 7440-50-8		mg/L			2 mg/L 1 ug/l		mg/L	4500-O-C 200.8	Clackamas County-Water	
AC21420 AC21420		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21420:202109011030:SF AC21420:202109011030:SF		Copper Lead	7439-92-1	0.45	ug/L ug/L			1 ug/L 1 ug/L	0.1	ug/L ug/L		Clackamas County-Water Clackamas County-Water	
AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF		Zinc	7440-66-6		ug/L			1 ug/L		ug/L		Clackamas County-Water	
AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF		Copper, dissolved	7440-50-8	0.9	ug/L		0.1	1 ug/L	0.1	ug/L	200.8	Clackamas County-Water	AC21420
AC21420		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF		Lead, dissolved	7439-92-1	0.02	-			1 ug/L	0.01			Clackamas County-Water	
AC21420 AC21420	2021/09/01 10:30 2021/09/01 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21420:202109011030:SF AC21420:202109011030:SF		Zinc, dissolved E. Coli	7440-66-6 68583-22-2		ug/L MPN/100ml			1 ug/L 1 MPN/100ml		ug/L MPN/100ml		Clackamas County-Water Clackamas County-Water	
AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:3F		Total Hardness	N/A		mg/l CaCO3			3 mg/l CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF	R Grab	Ammonia-nitrogen	N/A	<0.03	mg/L		0.0205	5 mg/L	0.0205	mg/L	4500-NH3 G	Clackamas County-Water	AC21420
AC21420		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF		Nitrate/Nitrite as N	14797-55-8	0.74			0.0625		0.0625			Clackamas County-Water	
AC21420 AC21420		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21420:202109011030:SF AC21420:202109011030:SF		Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.05			0.025 N/A	5 mg/L	0.025	mg/L mg/L	4500-P-F	Clackamas County-Water ALS Environmental Kelso	
AC21420 AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:5F		Acidity, hydrogen ion (H+)	N/A	7.9			N/A	mg/L SU		SU	4500-H+B	Clackamas County-Water	
AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF		Conductivity	N/A	188.7			N/A	uS/cm		uS/cm		Clackamas County-Water	
AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF		Temperature, water	N/A	14.9			N/A	deg C		deg C	2550 B	Clackamas County-Water	
AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF		Total Dissolved Solids	N/A	128				5 mg/L		mg/L	2540-C	Clackamas County-Water	
AC21420 AC21420		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21420:202109011030:SF AC21420:202109011030:SF		Total Suspended Solids Total Solids	N/A N/A	140	mg/L mg/l			7 mg/L 5 mg/L		mg/L mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC21420	2021/09/01 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21420:202109011030:SF		Dissolved Oxygen	N/A		mg/L			2 mg/L		mg/L	4500-O-C	Clackamas County-Water	
AC21421	2021/09/01 11:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Copper	7440-50-8	0.6	ug/L			1 ug/L		ug/L	200.8	Clackamas County-Water	
AC21421	2021/09/01 11:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Lead	7439-92-1	0.48				1 ug/L	0.01			Clackamas County-Water	
AC21421 AC21421	2021/09/01 11:02 2021/09/01 11:02	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21421:202109011102:SF AC21421:202109011102:SF		Zinc Copper, dissolved	7440-66-6 7440-50-8	6 0.3	ug/L			1 ug/L 1 ug/L		ug/L ug/L		Clackamas County-Water Clackamas County-Water	
AC21421 AC21421		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Lead, dissolved	7439-92-1	0.05				1 ug/L	0.01			Clackamas County-Water	
AC21421	2021/09/01 11:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Zinc, dissolved	7440-66-6		ug/L			1 ug/L	1	ug/L		Clackamas County-Water	
AC21421	2021/09/01 11:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		E. Coli	68583-22-2		MPN/100ml			1 MPN/100ml		MPN/100ml		Clackamas County-Water	
AC21421 AC21421	2021/09/01 11:02 2021/09/01 11:02	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC21421:202109011102:SF		Total Hardness	N/A N/A	85 0.049	mg/I CaCO3			3 mg/l CaCO3 5 mg/L	0.0205	mg/I CaCO3	2340c 4500-NH3 G	Clackamas County-Water	
AC21421 AC21421		PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine	AC21421:202109011102:SF AC21421:202109011102:SF		Ammonia-nitrogen Nitrate/Nitrite as N	14797-55-8		mg/L		0.0203		0.0625			Clackamas County-Water Clackamas County-Water	
AC21421		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Orthophosphate	14265-44-2	0.07				5 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC21421	2021/09/01 11:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Phosphorus	7723-14-0	0.12			N/A	mg/L		mg/L		ALS Environmental Kelso	
AC21421	2021/09/01 11:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Acidity, hydrogen ion (H+)	N/A	7			N/A N/A	SU		SU	4500-H+B	Clackamas County-Water Clackamas County-Water	
AC21421 AC21421	2021/09/01 11:02 2021/09/01 11:02	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21421:202109011102:SF AC21421:202109011102:SF		Conductivity Temperature, water	N/A N/A	203 14.5	uS/cm deg C		N/A N/Δ	uS/cm deg C		uS/cm deg C	2510 2550 B	Clackamas County-Water Clackamas County-Water	
AC21421	2021/09/01 11:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Total Dissolved Solids	N/A	160			5.6	5 mg/L		mg/L	2540-C	Clackamas County-Water	
AC21421	2021/09/01 11:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF	R Grab	Total Suspended Solids	N/A	4	mg/L		1.17	7 mg/L	1.17	mg/L	2540-D	Clackamas County-Water	AC21421
AC21421		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21421:202109011102:SF		Total Solids	N/A	178				5 mg/L		mg/L		Clackamas County-Water	
AC21421 AC21422	2021/09/01 11:02 2021/09/01 11:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21421:202109011102:SF AC21422:202109011120:SF		Dissolved Oxygen Copper	N/A 7440-50-8	6.4 0.9				2 mg/L 1 ug/L		mg/L ug/L	4500-O-C 200.8	Clackamas County-Water Clackamas County-Water	
AC21422		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Lead	7439-92-1	0.36				1 ug/L	0.01			Clackamas County-Water	
AC21422	2021/09/01 11:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Zinc	7440-66-6	9	ug/L		1	1 ug/L	1	ug/L	200.8	Clackamas County-Water	AC21422
AC21422		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Copper, dissolved	7440-50-8	0.7				1 ug/L		ug/L		Clackamas County-Water	
AC21422 AC21422		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21422:202109011120:SF AC21422:202109011120:SF		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.02	ug/L ug/L			1 ug/L 1 ug/L		ug/L ug/L		Clackamas County-Water Clackamas County-Water	
AC21422	2021/09/01 11:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:5F		E. Coli	68583-22-2		MPN/100ml			1 MPN/100ml		MPN/100ml		Clackamas County-Water	
AC21422	2021/09/01 11:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Total Hardness	N/A	101	mg/l CaCO3		5.3	3 mg/l CaCO3	5.3	mg/I CaCO3	2340c	Clackamas County-Water	AC21422
AC21422	2021/09/01 11:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Ammonia-nitrogen	N/A	0.023				5 mg/L	0.0205		4500-NH3 G	Clackamas County-Water	
AC21422 AC21422		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21422:202109011120:SF AC21422:202109011120:SF		Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2	0.24 0.07			0.0625	5 mg/L 5 mg/L	0.0625		4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC21422 AC21422		PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC21422:202109011120:SF AC21422:202109011120:SF		Phosphorus	7723-14-0	0.07			0.025 N/A	mg/L mg/L		mg/L mg/L		ALS Environmental Kelso	
AC21422	2021/09/01 11:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Acidity, hydrogen ion (H+)	N/A	7.6			N/A	SU		SU	4500-H+B	Clackamas County-Water	
AC21422		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Conductivity	N/A		uS/cm		N/A	uS/cm		uS/cm		Clackamas County-Water	
AC21422	2021/09/01 11:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Temperature, water	N/A	16.1			N/A	deg C		deg C	2550 B	Clackamas County-Water	
AC21422 AC21422		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21422:202109011120:SF AC21422:202109011120:SF		Total Dissolved Solids Total Suspended Solids	N/A N/A	154	mg/L mg/L			5 mg/L 7 mg/L		mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC21422		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF		Total Solids	N/A	171				5 mg/L		mg/L	2540-B	Clackamas County-Water	
AC21422	2021/09/01 11:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21422:202109011120:SF	R Grab	Dissolved Oxygen	N/A	6.8	mg/L		0.02	2 mg/L	0.02	mg/L	4500-O-C	Clackamas County-Water	AC21422
AC21423		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SF		Copper	7440-50-8	0.6				1 ug/L		ug/L		Clackamas County-Water	
AC21423 AC21423		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21423:202109011000:SF AC21423:202109011000:SF		Lead Zinc	7439-92-1 7440-66-6	0.23	ug/L ug/L			1 ug/L 1 ug/l	0.01	ug/L ug/L		Clackamas County-Water Clackamas County-Water	
AC21423 AC21423		PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC21423:202109011000:SF AC21423:202109011000:SF		Zinc Copper, dissolved	7440-50-8	0.5				1 ug/L 1 ug/L		ug/L ug/L		Clackamas County-Water	
AC21423		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SF		Lead, dissolved	7439-92-1		ug/L			1 ug/L		ug/L		Clackamas County-Water	
AC21423		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SF		Zinc, dissolved	7440-66-6	<1	ug/L		1	1 ug/L	1	ug/L		Clackamas County-Water	
AC21423	2021/09/01 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SF		E. Coli	68583-22-2		MPN/100ml			1 MPN/100ml		MPN/100ml		Clackamas County-Water	
AC21423 AC21423	2021/09/01 10:00 2021/09/01 10:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21423:202109011000:SF AC21423:202109011000:SF		Total Hardness Ammonia-nitrogen	N/A N/A	86 0.045	mg/l CaCO3 mg/l		0.0205	3 mg/l CaCO3 5 mg/l	0.0205	mg/l CaCO3 mg/l	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC21423		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423.202109011000.3F		Nitrate/Nitrite as N	14797-55-8	0.39				5 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC21423		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SF		Orthophosphate	14265-44-2	0.08				5 mg/L	0.025		4500-P-F	Clackamas County-Water	

Monitoring Location	Activity Start Activity Start	Activity Start/End		Activity Type	Activity ID (Locked)	e Collection Characteristic Name	CAS Number			Detection Limit Detection				Laboratory Name	Lab Sample ID
ID AC21423	Date Time 2021/09/01 10:00	Time Zone PDT (~Mar-Oct)	Subdivision Name Surface Water	Sample-Routine	AC21423:202109011000:SR Grab	Phosphorus	7723-14-0	0.09 mg/L	Qualifier	Value Unit		Unit 02 mg/L	Method ID 365.3	ALS Environmental Kelso	
AC21423	2021/09/01 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SR Field Me		N/A	7.8 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC21423	2021/09/01 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SR Field Me		N/A	193.6 uS/cm		N/A uS/cm	N/A	uS/cm		Clackamas County-Water	
AC21423 AC21423	2021/09/01 10:00 2021/09/01 10:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21423:202109011000:SR Field Me AC21423:202109011000:SR Grab	eter Temperature, water Total Dissolved Solids	N/A N/A	13.5 deg C 121 mg/L	-	N/A deg C 5.6 mg/L	N/A	deg C .6 mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC21423	2021/09/01 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SR Grab	Total Suspended Solids	N/A	<1.0 mg/L		1.17 mg/L		17 mg/L	2540-D	Clackamas County-Water	
AC21423	2021/09/01 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21423:202109011000:SR Grab	Total Solids	N/A	147 mg/L		5 mg/L		5 mg/L	2540-В	Clackamas County-Water	
AC21423 AC21424	2021/09/01 10:00 2021/09/01 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21423:202109011000:SR Grab AC21424:202109011200:SR Grab	Dissolved Oxygen	N/A 7440-50-8	9.3 mg/L 0.7 ug/L		0.02 mg/L)2 mg/L .1 ug/L		Clackamas County-Water Clackamas County-Water	
AC21424 AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	Copper Lead	7439-92-1	0.36 ug/L		0.1 ug/L 0.01 ug/L		1 ug/L		Clackamas County-Water	
AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	Zinc	7440-66-6	5 ug/L		1 ug/L		1 ug/L		Clackamas County-Water	
AC21424 AC21424	2021/09/01 12:00 2021/09/01 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21424:202109011200:SR Grab AC21424:202109011200:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	0.5 ug/L 0.03 ug/L		0.1 ug/L		.1 ug/L)1 ug/L		Clackamas County-Water Clackamas County-Water	
AC21424 AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	Zinc, dissolved	7440-66-6	2 ug/L		0.01 ug/L 1 ug/L		1 ug/L		Clackamas County-Water	
AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	E. Coli	68583-22-2	411 MPN/100ml		1 MPN/100n		1 MPN/100ml		Clackamas County-Water	
AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	Total Hardness	N/A N/A	93 mg/l CaCO3		5.3 mg/l CaCO		.3 mg/I CaCO3 05 mg/L	2340c 4500-NH3 G	Clackamas County-Water	
AC21424 AC21424	2021/09/01 12:00 2021/09/01 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21424:202109011200:SR Grab AC21424:202109011200:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	0.13 mg/L 1.1 mg/L		0.0205 mg/L 0.0625 mg/L		25 mg/L	4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	Orthophosphate	14265-44-2	0.07 mg/L		0.025 mg/L		25 mg/L	4500-P-F	Clackamas County-Water	
AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	Phosphorus	7723-14-0	0.11 mg/L		N/A mg/L		02 mg/L		ALS Environmental Kelso	
AC21424 AC21424	2021/09/01 12:00 2021/09/01 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21424:202109011200:SR Field Me AC21424:202109011200:SR Field Me		N/A N/A	7.9 SU 209 uS/cm		N/A SU N/A uS/cm	N/A N/A	SU uS/cm	4500-H+B 2510	Clackamas County-Water Clackamas County-Water	
AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Field Me	-	N/A	15.5 deg C		N/A deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	Total Dissolved Solids	N/A	159 mg/L		5.6 mg/L		.6 mg/L	2540-C	Clackamas County-Water	
AC21424 AC21424	2021/09/01 12:00 2021/09/01 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC21424:202109011200:SR Grab AC21424:202109011200:SR Grab	Total Suspended Solids Total Solids	N/A N/A	3 mg/L 178 mg/L		1.17 mg/L 5 mg/L		17 mg/L 5 mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC21424	2021/09/01 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC21424:202109011200:SR Grab	Dissolved Oxygen	N/A	9.4 mg/L		0.02 mg/L		02 mg/L	4500-O-C	Clackamas County-Water	
AC22922	2021/10/07 07:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Copper	7440-50-8	2.5 ug/L		0.1 ug/L		.1 ug/L		Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55 2021/10/07 07:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22922:202110070755:SR Grab AC22922:202110070755:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.93 ug/L 8 ug/L		0.01 ug/L 1 ug/L)1 ug/L 1 ug/L		Clackamas County-Water Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55	PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Copper, dissolved	7440-50-8	1 ug/L		0.1 ug/L		1 ug/L .1 ug/L		Clackamas County-Water	
AC22922	2021/10/07 07:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Lead, dissolved	7439-92-1	0.02 ug/L		0.01 ug/L	0.0)1 ug/L		Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55 2021/10/07 07:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22922:202110070755:SR Grab AC22922:202110070755:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2	2 ug/L 293 MPN/100ml		1 ug/L 1 MPN/100n		1 ug/L 1 MPN/100ml		Clackamas County-Water Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55	PDT ("Mar-Oct) PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Total Hardness	N/A	46 mg/l CaCO3		5.3 mg/l CaCO	5	.3 mg/l CaCO3	2340c	Clackamas County-Water	
AC22922	2021/10/07 07:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Ammonia-nitrogen	N/A	0.014 mg/L		0.01 mg/L		25 mg/L	4500-NH3 G	Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55 2021/10/07 07:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22922:202110070755:SR Grab AC22922:202110070755:SR Grab	Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2	0.68 mg/L 0.06 mg/L		0.0625 mg/L 0.006 mg/L		25 mg/L 06 mg/L	4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Phosphorus	7723-14-0	0.08 mg/L	-	N/A mg/L		02 mg/L		ALS Environmental Kelso	
AC22922	2021/10/07 07:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Field Me		N/A	7.4 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55 2021/10/07 07:55	PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22922:202110070755:SR Field Me AC22922:202110070755:SR Field Me		N/A N/A	131.2 uS/cm		N/A uS/cm N/A deg C	N/A N/A	uS/cm	2510 2550 B	Clackamas County-Water Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Total Dissolved Solids	N/A	10 deg C 95 mg/L	-	N/A deg C 5.6 mg/L	,	deg C .6 mg/L	2540-C	Clackamas County-Water	
AC22922	2021/10/07 07:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Total Suspended Solids	N/A	22 mg/L		1.17 mg/L		17 mg/L	2540-D	Clackamas County-Water	
AC22922	2021/10/07 07:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22922:202110070755:SR Grab	Total Solids	N/A	120 mg/L		5 mg/L		5 mg/L	2540-B	Clackamas County-Water	
AC22922 AC22922	2021/10/07 07:55 2021/10/07 07:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22922:202110070755:SR Grab AC22922:202110070755:SR Grab	Total volatile solids Dissolved Oxygen	N/A N/A	31 mg/L 8.8 mg/L		5 mg/L 0.02 mg/L		5 mg/L)2 mg/L	2540-E 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Copper	7440-50-8	0.9 ug/L		0.1 ug/L	0	.1 ug/L		Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Lead	7439-92-1	0.31 ug/L		0.01 ug/L		01 ug/L		Clackamas County-Water	
AC22923 AC22923	2021/10/07 08:39 2021/10/07 08:39	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22923:202110070839:SR Grab AC22923:202110070839:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8	13 ug/L 0.8 ug/L		1 ug/L 0.1 ug/L		1 ug/L .1 ug/L		Clackamas County-Water Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Lead, dissolved	7439-92-1	0.02 ug/L		0.01 ug/L)1 ug/L		Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Zinc, dissolved	7440-66-6	11 ug/L		1 ug/L		1 ug/L		Clackamas County-Water	
AC22923 AC22923	2021/10/07 08:39 2021/10/07 08:39	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22923:202110070839:SR Grab AC22923:202110070839:SR Grab	E. Coli Total Hardness	68583-22-2 N/A	51 MPN/100ml 124 mg/l CaCO3		1 MPN/100n 5.3 mg/l CaCO		1 MPN/100ml .3 mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Ammonia-nitrogen	N/A	0.012 mg/L		0.01 mg/L		25 mg/L	4500-NH3 G	Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.1 mg/L		0.0625 mg/L		25 mg/L	4500-NO3(F)	Clackamas County-Water	
AC22923 AC22923	2021/10/07 08:39 2021/10/07 08:39	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22923:202110070839:SR Grab AC22923:202110070839:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.04 mg/L 0.06 mg/L	-	0.025 mg/L N/A mg/L		25 mg/L D2 mg/L	4500-P-F 365.3	Clackamas County-Water ALS Environmental Kelso	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Acidity, hydrogen ion (H+)	N/A	7.4 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Field Me		N/A	282 uS/cm		N/A uS/cm	N/A	uS/cm		Clackamas County-Water	
AC22923 AC22923	2021/10/07 08:39 2021/10/07 08:39	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22923:202110070839:SR Field Me AC22923:202110070839:SR Field Me		N/A N/A	10.6 deg C 188 mg/L	-	N/A deg C 5.6 mg/L	N/A 5	deg C .6 mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Total Suspended Solids	N/A	1 mg/L		1.17 mg/L		L7 mg/L		Clackamas County-Water	
AC22923	2021/10/07 08:39	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22923:202110070839:SR Grab	Total Solids	N/A	193 mg/L		5 mg/L		5 mg/L	2540-B	Clackamas County-Water	
AC22923 AC22924	2021/10/07 08:39 2021/10/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22923:202110070839:SR Grab AC22924:202110070905:SR Grab	Dissolved Oxygen Copper	N/A 7440-50-8	6.4 mg/L 2.7 ug/L		0.02 mg/L 0.1 ug/L		02 mg/L .1 ug/L	4500-O-C 200.8	Clackamas County-Water Clackamas County-Water	
AC22924 AC22924	2021/10/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22924:202110070905:SR Grab	Lead	7439-92-1	1.27 ug/L		0.01 ug/L		.1 ug/L)1 ug/L		Clackamas County-Water	
AC22924	2021/10/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22924:202110070905:SR Grab	Zinc	7440-66-6	23 ug/L		1 ug/L		1 ug/L		Clackamas County-Water	
AC22924 AC22924	2021/10/07 09:05 2021/10/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22924:202110070905:SR Grab AC22924:202110070905:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	1 ug/L 0.02 ug/L		0.1 ug/L 0.01 ug/L		.1 ug/L)1 ug/L		Clackamas County-Water Clackamas County-Water	
AC22924	2021/10/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22924:202110070905:SR Grab	Zinc, dissolved	7440-66-6	5 ug/L		1 ug/L		1 ug/L		Clackamas County-Water	
AC22924	2021/10/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22924:202110070905:SR Grab	E. Coli	68583-22-2	148 MPN/100ml		1 MPN/100n	ı	1 MPN/100ml	COLILERT/2000	Clackamas County-Water	r AC22924
AC22924 AC22924	2021/10/07 09:05 2021/10/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22924:202110070905:SR Grab AC22924:202110070905:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	62 mg/l CaCO3 <0.03 mg/L		5.3 mg/l CaCO 0.01 mg/L		.3 mg/l CaCO3 25 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC22924 AC22924	2021/10/07 09:05	PDT ("Mar-Oct) PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC22924:202110070905:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.1 mg/L		0.0625 mg/L		25 mg/L		Clackamas County-Water	
AC22924	2021/10/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22924:202110070905:SR Grab	Orthophosphate	14265-44-2	0.05 mg/L		0.025 mg/L	0.02	25 mg/L	4500-P-F	Clackamas County-Water	r AC22924
AC22924 AC22924	2021/10/07 09:05 2021/10/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22924:202110070905:SR Grab AC22924:202110070905:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A	0.15 mg/L 7.7 SU		N/A mg/L N/A SU	0.0 N/A	02 mg/L SU	365.3 4500-H+B	ALS Environmental Kelso Clackamas County-Water	
AC22924 AC22924	2021/10/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22924:202110070905:SR Grab AC22924:202110070905:SR Field Me		N/A N/A	152.8 uS/cm		N/A SU N/A uS/cm	N/A N/A	uS/cm		Clackamas County-Water Clackamas County-Water	
AC22924	2021/10/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22924:202110070905:SR Field Me	ter Temperature, water	N/A	10.3 deg C		N/A deg C	N/A	deg C	2550 B	Clackamas County-Water	r AC22924
AC22924 AC22924	2021/10/07 09:05 2021/10/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC22924:202110070905:SR Field Me AC22924:202110070905:SR Grab	ter Total Dissolved Solids Total Suspended Solids	N/A N/A	127 mg/L		5.6 mg/L 1.17 mg/L		.6 mg/L	2540-C 2540-D	Clackamas County-Water	
AC22924 AC22924	2021/10/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22924:202110070905:SR Grab AC22924:202110070905:SR Grab	Total Solids	N/A N/A	34 mg/L 171 mg/L		1.17 mg/L 5 mg/L		17 mg/L 5 mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC22924	2021/10/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22924:202110070905:SR Grab	Dissolved Oxygen	N/A	7.3 mg/L		0.02 mg/L	0.0	02 mg/L	4500-O-C	Clackamas County-Water	r AC22924
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab	Copper	7440-50-8	1.5 ug/L		0.1 ug/L		.1 ug/L		Clackamas County-Water	
AC22925 AC22925	2021/10/07 10:02 2021/10/07 10:02	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22925:202110071002:SR Grab AC22925:202110071002:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.42 ug/L 12 ug/L		0.01 ug/L 1 ug/L)1 ug/L 1 ug/L		Clackamas County-Water Clackamas County-Water	
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab	Copper, dissolved	7440-50-8	1.2 ug/L		0.1 ug/L	0	.1 ug/L	200.8	Clackamas County-Water	r AC22925
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab	Lead, dissolved	7439-92-1	0.05 ug/L		0.01 ug/L)1 ug/L		Clackamas County-Water	
AC22925 AC22925	2021/10/07 10:02 2021/10/07 10:02	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22925:202110071002:SR Grab AC22925:202110071002:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2	9 ug/L 160 MPN/100ml		1 ug/L 1 MPN/100n		1 ug/L 1 MPN/100ml		Clackamas County-Water Clackamas County-Water	
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab	Total Hardness	N/A	69 mg/l CaCO3		5.3 mg/l CaCO		.3 mg/l CaCO3	2340c	Clackamas County-Water	
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab	Ammonia-nitrogen	N/A	0.016 mg/L		0.01 mg/L		25 mg/L	4500-NH3 G	Clackamas County-Water	r AC22925
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab	Nitrate/Nitrite as N	14797-55-8	0.61 mg/L		0.0625 mg/L	0.001	25 mg/L	4500-NO3(F)	Clackamas County-Water	AC22025

Monitoring Location	Activity Start Activity Start	Activity Start/End	Activity Media		Sample Colle	ction		Res	ult Measure	Detection Limit Detection Limit	Reporting Limit	Reporting Limit	Result Analytical		
ID	Date Time	Time Zone	Subdivision Name	Activity Type	Activity ID (Locked) Method	<u>Characteristic Name</u>	CAS Number	Result Value <u>Result Unit</u>	Qualifier	Value <u>Unit</u>	Value	Unit	Method ID	Laboratory Name	Lab Sample ID
AC22925 AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab AC22925:202110071002:SR Grab	Orthophosphate	14265-44-2	0.03 mg/L		0.025 mg/L	0.025 n		4500-P-F	Clackamas County-Water	
AC22925 AC22925	2021/10/07 10:02 2021/10/07 10:02	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22925:202110071002:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A	0.06 mg/L 7.5 SU		N/A mg/L N/A SU	0.02 n		4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Field Meter	Conductivity	N/A	174.4 uS/cm		N/A uS/cm	N/A u	ıS/cm		Clackamas County-Water	
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Field Meter	Temperature, water	N/A	13.2 deg C		N/A deg C			2550 B	Clackamas County-Water	
AC22925 AC22925	2021/10/07 10:02 2021/10/07 10:02	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22925:202110071002:SR Field Meter AC22925:202110071002:SR Grab	Total Dissolved Solids Total Suspended Solids	N/A N/A	121 mg/L 3 mg/L		5.6 mg/L 1.17 mg/L	5.6 n 1.17 n		2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab	Total Solids	N/A	132 mg/L		5 mg/L	5 n		2540-B	Clackamas County-Water	
AC22925	2021/10/07 10:02	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22925:202110071002:SR Grab	Dissolved Oxygen	N/A	6.2 mg/L		0.02 mg/L	0.02 n		4500-O-C	Clackamas County-Water	
AC22926 AC22926	2021/10/07 10:38 2021/10/07 10:38	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22926:202110071038:SR Grab AC22926:202110071038:SR Grab	Copper Lead	7440-50-8 7439-92-1	1 ug/L 0.92 ug/L		0.1 ug/L 0.01 ug/L	0.1 u 0.01 u			3 Clackamas County-Water 3 Clackamas County-Water	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	Zinc	7440-66-6	14 ug/L		1 ug/L	1 u			3 Clackamas County-Water	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	Copper, dissolved	7440-50-8	0.5 ug/L		0.1 ug/L	0.1 u			3 Clackamas County-Water	
AC22926 AC22926	2021/10/07 10:38 2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22926:202110071038:SR Grab AC22926:202110071038:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.06 ug/L		0.01 ug/L	0.01 u	-		 B Clackamas County-Water B Clackamas County-Water 	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	E. Coli	68583-22-2	9 ug/L 1200 MPN/100ml		1 ug/L 1 MPN/100ml	1 u 1 N		COLILERT/2000	Clackamas County-Water	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	Total Hardness	N/A	83 mg/l CaCO3		5.3 mg/l CaCO3			2340c	Clackamas County-Water	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	Ammonia-nitrogen	N/A	0.1 mg/L		0.01 mg/L	0.025 n		4500-NH3 G	Clackamas County-Water	
AC22926 AC22926	2021/10/07 10:38 2021/10/07 10:38	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22926:202110071038:SR Grab AC22926:202110071038:SR Grab	Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2	2.2 mg/L 0.08 mg/L		0.0625 mg/L 0.025 mg/L	0.0625 n 0.025 n		4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	Phosphorus	7723-14-0	0.14 mg/L		N/A mg/L	0.02 n			3 ALS Environmental Kelso	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	Acidity, hydrogen ion (H+)	N/A	7 SU		N/A SU	,		4500-H+B	Clackamas County-Water	
AC22926 AC22926	2021/10/07 10:38	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Field Meter	Conductivity	N/A N/A	206 uS/cm		N/A uS/cm N/A deg C		uS/cm	2510 2550 B	Clackamas County-Water	
AC22926	2021/10/07 10:38 2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22926:202110071038:SR Field Meter AC22926:202110071038:SR Field Meter	Temperature, water Total Dissolved Solids	N/A	12.7 deg C 167 mg/L		N/A deg C 5.6 mg/L	5.6 n	-	2540-C	Clackamas County-Water Clackamas County-Water	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	Total Suspended Solids	N/A	9 mg/L		1.17 mg/L	1.17 n		2540-D	Clackamas County-Water	
AC22926	2021/10/07 10:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22926:202110071038:SR Grab	Total Solids	N/A	187 mg/L		5 mg/L	5 n		2540-B	Clackamas County-Water	
AC22926 AC22927	2021/10/07 10:38 2021/10/07 10:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22926:202110071038:SR Grab AC22927:202110071055:SR Grab	Dissolved Oxygen Copper	N/A 7440-50-8	5.4 mg/L 2.1 ug/L		0.02 mg/L 0.1 ug/L	0.02 n 0.1 u		4500-O-C 200 8	Clackamas County-Water 3 Clackamas County-Water	
AC22927 AC22927	2021/10/07 10:55	PDT (*Mar-Oct) PDT (*Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:5K Grab	Lead	7439-92-1	0.5 ug/L		0.01 ug/L	0.01 u			3 Clackamas County-Water 3 Clackamas County-Water	
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Grab	Zinc	7440-66-6	9 ug/L		1 ug/L	1 u	ıg/L	200.8	3 Clackamas County-Water	AC22927
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Grab AC22927:202110071055:SR Grab	Copper, dissolved	7440-50-8	1.8 ug/L		0.1 ug/L	0.1 u			3 Clackamas County-Water 3 Clackamas County-Water	
AC22927 AC22927	2021/10/07 10:55 2021/10/07 10:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22927:202110071055:SR Grab AC22927:202110071055:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.09 ug/L 6 ug/L		0.01 ug/L 1 ug/L	0.01 u 1 u			3 Clackamas County-Water 3 Clackamas County-Water	
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Grab	E. Coli	68583-22-2	613 MPN/100ml		1 MPN/100ml			COLILERT/2000	Clackamas County-Water	
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Grab	Total Hardness	N/A	66 mg/l CaCO3		5.3 mg/l CaCO3		0.	2340c	Clackamas County-Water	
AC22927 AC22927	2021/10/07 10:55 2021/10/07 10:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22927:202110071055:SR Grab AC22927:202110071055:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	0.066 mg/L 0.34 mg/L		0.01 mg/L 0.0625 mg/L	0.025 n 0.0625 n		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Grab	Orthophosphate	14265-44-2	0.06 mg/L		0.025 mg/L	0.025 n		4500-P-F	Clackamas County-Water	
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Grab	Phosphorus	7723-14-0	0.12 mg/L		N/A mg/L	0.02 n			3 ALS Environmental Kelso	
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Grab	Acidity, hydrogen ion (H+)	N/A N/A	7.4 SU		N/A SU N/A uS/cm			4500-H+B	Clackamas County-Water	
AC22927 AC22927	2021/10/07 10:55 2021/10/07 10:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22927:202110071055:SR Field Meter AC22927:202110071055:SR Field Meter	Conductivity Temperature, water	N/A N/A	153.4 uS/cm 12.8 deg C		N/A uS/cm N/A deg C		JS/cm Jeg C	2550 B	O Clackamas County-Water Clackamas County-Water	
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Field Meter	Total Dissolved Solids	N/A	117 mg/L		5.6 mg/L	5.6 n		2540-C	Clackamas County-Water	
AC22927	2021/10/07 10:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927:202110071055:SR Grab	Total Suspended Solids	N/A	3 mg/L		1.17 mg/L	1.17 n		2540-D	Clackamas County-Water	
AC22927 AC22927	2021/10/07 10:55 2021/10/07 10:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22927:202110071055:SR Grab AC22927:202110071055:SR Grab	Total Solids Dissolved Oxygen	N/A N/A	126 mg/L 5.4 mg/L		5 mg/L 0.02 mg/L	5 n 0.02 n		2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22927.202110071033.3K Glab	Copper	7440-50-8	0.8 ug/L		0.1 ug/L	0.02 1			8 Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Grab	Lead	7439-92-1	0.36 ug/L		0.01 ug/L	0.01 u			3 Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Grab	Zinc	7440-66-6	2 ug/L		1 ug/L	1 u			3 Clackamas County-Water	
AC22928 AC22928	2021/10/07 09:30 2021/10/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22928:202110070930:SR Grab AC22928:202110070930:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	0.7 ug/L <0.01 ug/L		0.1 ug/L 0.01 ug/L	0.1 u 0.01 u			3 Clackamas County-Water 3 Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Grab	Zinc, dissolved	7440-66-6	1 ug/L		1 ug/L	1 u			3 Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Grab	E. Coli	68583-22-2	45 MPN/100ml		1 MPN/100ml			COLILERT/2000	Clackamas County-Water	
AC22928 AC22928	2021/10/07 09:30 2021/10/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22928:202110070930:SR Grab AC22928:202110070930:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	72 mg/l CaCO3 <0.03 mg/L		5.3 mg/l CaCO3 0.01 mg/L	5.3 n 0.025 n		2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Grab	Nitrate/Nitrite as N	14797-55-8	<0.03 mg/L 0.59 mg/L		0.0625 mg/L	0.0625 n		4500-NO3(F)	Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Grab	Orthophosphate	14265-44-2	0.08 mg/L		0.025 mg/L	0.025 n		4500-P-F	Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Grab	Phosphorus	7723-14-0	0.08 mg/L		N/A mg/L	0.02 n			3 ALS Environmental Kelso	
AC22928 AC22928	2021/10/07 09:30 2021/10/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22928:202110070930:SR Grab AC22928:202110070930:SR Field Meter	Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.8 SU 179.7 uS/cm		N/A SU N/A uS/cm		SU JS/cm	4500-H+B 251(Clackamas County-Water Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Field Meter	Temperature, water	N/A	10.8 deg C		N/A deg C			2550 B	Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Field Meter	Total Dissolved Solids	N/A	127 mg/L		5.6 mg/L	5.6 n		2540-C	Clackamas County-Water	
AC22928	2021/10/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22928:202110070930:SR Grab	Total Suspended Solids	N/A N/A	1 mg/L		1.17 mg/L	1.17 n		2540-D	Clackamas County-Water	
AC22928 AC22928	2021/10/07 09:30 2021/10/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22928:202110070930:SR Grab AC22928:202110070930:SR Grab	Total Solids Dissolved Oxygen	N/A N/A	134 mg/L 7.9 mg/L		5 mg/L 0.02 mg/L	5 n 0.02 n		2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Grab	Copper	7440-50-8	1.7 ug/L		0.1 ug/L	0.1 u	ıg/L	200.8	3 Clackamas County-Water	AC22929
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Grab	Lead	7439-92-1	0.42 ug/L		0.01 ug/L	0.01 u			B Clackamas County-Water	
AC22929 AC22929	2021/10/07 11:15 2021/10/07 11:15	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22929:202110071115:SR Grab AC22929:202110071115:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8	8 ug/L 1.3 ug/L		1 ug/L 0.1 ug/L	1 u 0.1 u			 B Clackamas County-Water B Clackamas County-Water 	
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Grab	Lead, dissolved	7439-92-1	0.07 ug/L		0.01 ug/L	0.01 u			B Clackamas County-Water	
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Grab	Zinc, dissolved	7440-66-6	5 ug/L		1 ug/L	1 u			8 Clackamas County-Water	
AC22929 AC22929	2021/10/07 11:15 2021/10/07 11:15	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC22929:202110071115:SR Grab	E. Coli Total Hardness	68583-22-2 N/A	488 MPN/100ml 75 mg/l CaCO3		1 MPN/100ml 5.3 mg/l CaCO3			COLILERT/2000 2340c	Clackamas County-Water	
AC22929 AC22929	2021/10/07 11:15	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22929:202110071115:SR Grab AC22929:202110071115:SR Grab	Ammonia-nitrogen	N/A N/A	0.032 mg/L		0.01 mg/L	0.025 n		4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.1 mg/L		0.0625 mg/L	0.0625 n	ng/L	4500-NO3(F)	Clackamas County-Water	AC22929
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Grab	Orthophosphate	14265-44-2	0.08 mg/L		0.025 mg/L	0.025 n		4500-P-F	Clackamas County-Water	
AC22929 AC22929	2021/10/07 11:15 2021/10/07 11:15	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22929:202110071115:SR Grab AC22929:202110071115:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A	0.12 mg/L 7.7 SU		N/A mg/L N/A SU	0.02 n		365.3 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC22929 AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Grab	Conductivity	N/A	177.2 uS/cm		N/A uS/cm		JS/cm		Clackamas County-Water	
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Field Meter	Temperature, water	N/A	12.2 deg C		N/A deg C	N/A d	deg C	2550 B	Clackamas County-Water	AC22929
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Field Meter	Total Dissolved Solids	N/A	141 mg/L		5.6 mg/L	5.6 n		2540-C	Clackamas County-Water	
AC22929 AC22929	2021/10/07 11:15 2021/10/07 11:15	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC22929:202110071115:SR Grab AC22929:202110071115:SR Grab	Total Suspended Solids Total Solids	N/A N/A	2 mg/L 155 mg/L		1.17 mg/L 5 mg/L	1.17 n 5 n		2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC22929	2021/10/07 11:15	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC22929:202110071115:SR Grab	Dissolved Oxygen	N/A	5 mg/L		0.02 mg/L	0.02 n	ng/L	4500-O-C	Clackamas County-Water	AC22929
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Copper	7440-50-8	1.6 ug/L		0.1 ug/L	0.1 u	ıg/L		3 Clackamas County-Water	AC24768
AC24768 AC24768	2021/11/16 08:00 2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.35 ug/L		0.01 ug/L	0.01 u			 B Clackamas County-Water B Clackamas County-Water 	
AC24768 AC24768	2021/11/16 08:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24768:202111160800:SR Grab AC24768:202111160800:SR Grab	Zinc Copper, dissolved	7440-50-8	3 ug/L 1.3 ug/L		1 ug/L 0.1 ug/L	1 u 0.1 u			8 Clackamas County-Water 8 Clackamas County-Water	
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Lead, dissolved	7439-92-1	0.07 ug/L		0.01 ug/L	0.01 u			B Clackamas County-Water	
AC24768		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Zinc, dissolved	7440-66-6	3 ug/L		1 ug/L	1 u			8 Clackamas County-Water	
AC24768 AC24768	2021/11/16 08:00 2021/11/16 08:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24768:202111160800:SR Grab AC24768:202111160800:SR Grab	E. Coli Total Hardness	68583-22-2 N/A	36 MPN/100ml 34 mg/l CaCO3		1 MPN/100ml 5.3 mg/l CaCO3			COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC24768 AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SK Grab	Ammonia-nitrogen	N/A N/A	<0.03 mg/L		0.01 mg/L	0.025 n		4500-NH3 G	Clackamas County-Water	
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Nitrate/Nitrite as N	14797-55-8	0.87 mg/L		0.0625 mg/L	0.0625 n		4500-NO3(F)	Clackamas County-Water	

Monitoring Location	Activity Start Activity Start Date Time	Activity Start/En	d <u>Activity Media</u> Subdivision Name	Activity Type	Activity ID (Locked) Sample Collection Method	<u>Characteristic Name</u>	CAS Number	Result Value Result Unit	Result Measure Qualifier	Detection Limit Value <u>Unit</u>	Reporting Limit		sult Analytical Method ID	Laboratory Name	Lab Sample ID
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Orthophosphate	14265-44-2	0.04 mg/L	-	0.006 mg/L	0.006	mg/L 450		Clackamas County-Water	AC24768
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Phosphorus	7723-14-0	0.07 mg/L		N/A mg/L	0.02			ALS Environmental Kelso	
AC24768 AC24768	2021/11/16 08:00 2021/11/16 08:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24768:202111160800:SR Field Meter AC24768:202111160800:SR Field Meter	Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.5 SU 107.9 uS/cm		N/A SU N/A uS/cm	1	SU 450 uS/cm		Clackamas County-Water Clackamas County-Water	
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Field Meter	Temperature, water	N/A	9 deg C		N/A deg C		deg C 255		Clackamas County-Water	
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Total Dissolved Solids	N/A	80 mg/L		5.6 mg/L	5.6	mg/L 254	0-C	Clackamas County-Water	AC24768
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Total Suspended Solids	N/A	2 mg/L		1.17 mg/L	1.17			Clackamas County-Water	
AC24768 AC24768	2021/11/16 08:00 2021/11/16 08:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24768:202111160800:SR Grab AC24768:202111160800:SR Grab	Total Solids Total volatile solids	N/A N/A	106 mg/L 42 mg/L		5 mg/L 5 mg/L		mg/L 2544 mg/L 2544		Clackamas County-Water Clackamas County-Water	
AC24768	2021/11/16 08:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24768:202111160800:SR Grab	Dissolved Oxygen	N/A	10.8 mg/L		0.02 mg/L	0.02			Clackamas County-Water	
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Copper	7440-50-8	1 ug/L		0.1 ug/L	0.1	ug/L	200.8	Clackamas County-Water	AC24769
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Lead	7439-92-1	0.23 ug/L		0.01 ug/L	0.01			Clackamas County-Water	
AC24769 AC24769	2021/11/16 09:15 2021/11/16 09:15	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24769:202111160915:SR Grab AC24769:202111160915:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8	27 ug/L 0.8 ug/L		1 ug/L 0.1 ug/L	0.1			Clackamas County-Water Clackamas County-Water	
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Lead, dissolved	7439-92-1	0.02 ug/L		0.01 ug/L	0.01			Clackamas County-Water	
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Zinc, dissolved	7440-66-6	22 ug/L		1 ug/L		ug/L	200.8	Clackamas County-Water	AC24769
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	E. Coli	68583-22-2	28 MPN/100ml		1 MPN/100ml				Clackamas County-Water	
AC24769 AC24769	2021/11/16 09:15 2021/11/16 09:15	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24769:202111160915:SR Grab AC24769:202111160915:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	90 mg/l CaCO3 <0.03 mg/L		5.3 mg/l CaCO3 0.01 mg/L	0.025	mg/I CaCO3 234		Clackamas County-Water Clackamas County-Water	
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.6 mg/L		0.0625 mg/L	0.0625			Clackamas County-Water	
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L		0.025 mg/L	0.025	mg/L 450	0-P-F	Clackamas County-Water	AC24769
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Phosphorus	7723-14-0	0.03 mg/L		N/A mg/L	0.02			ALS Environmental Kelso	
AC24769 AC24769	2021/11/16 09:15 2021/11/16 09:15	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24769:202111160915:SR Grab AC24769:202111160915:SR Field Meter	Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.3 SU 233 uS/cm		N/A SU N/A uS/cm		SU 450 uS/cm		Clackamas County-Water	
AC24769 AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Field Meter	Temperature, water	N/A	11.5 deg C		N/A uS/cm N/A deg C		deg C 255		Clackamas County-Water Clackamas County-Water	
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Field Meter	Total Dissolved Solids	N/A	143 mg/L		5.6 mg/L		mg/L 254		Clackamas County-Water	
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Total Suspended Solids	N/A	<1.0 mg/L		1.17 mg/L	1.17	mg/L 254	0-D	Clackamas County-Water	AC24769
AC24769	2021/11/16 09:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24769:202111160915:SR Grab	Total Solids	N/A	163 mg/L		5 mg/L		mg/L 254		Clackamas County-Water	
AC24769 AC24770	2021/11/16 09:15 2021/11/16 09:35	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24769:202111160915:SR Grab AC24770:202111160935:SR Grab	Dissolved Oxygen Copper	N/A 7440-50-8	9.1 mg/L 1.5 ug/L		0.02 mg/L 0.1 ug/L	0.02			Clackamas County-Water Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:5K Grab	Lead	7439-92-1	0.32 ug/L		0.01 ug/L	0.01			Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Grab	Zinc	7440-66-6	26 ug/L		1 ug/L	1		200.8	Clackamas County-Water	AC24770
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Grab	Copper, dissolved	7440-50-8	1.3 ug/L		0.1 ug/L	0.1			Clackamas County-Water	
AC24770 AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.03 ug/L		0.01 ug/L	0.01			Clackamas County-Water	
AC24770 AC24770	2021/11/16 09:35 2021/11/16 09:35	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24770:202111160935:SR Grab AC24770:202111160935:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2	22 ug/L 145 MPN/100ml		1 ug/L 1 MPN/100ml		ug/L MPN/100ml COL		Clackamas County-Water Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Grab	Total Hardness	N/A	51 mg/l CaCO3		5.3 mg/l CaCO3		mg/l CaCO3 234	,	Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Grab	Ammonia-nitrogen	N/A	<0.03 mg/L		0.01 mg/L	0.025			Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.6 mg/L		0.0625 mg/L	0.0625			Clackamas County-Water	
AC24770 AC24770	2021/11/16 09:35 2021/11/16 09:35	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24770:202111160935:SR Grab AC24770:202111160935:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.03 mg/L 0.05 mg/L		0.025 mg/L	0.025			Clackamas County-Water ALS Environmental Kelso	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Grab	Acidity, hydrogen ion (H+)	N/A	7.7 SU		N/A mg/L N/A SU				Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Field Meter	Conductivity	N/A	134.9 uS/cm		N/A uS/cm		uS/cm		Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Field Meter	Temperature, water	N/A	10.4 deg C		N/A deg C		deg C 255		Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Field Meter	Total Dissolved Solids	N/A	95 mg/L		5.6 mg/L		mg/L 254		Clackamas County-Water	
AC24770 AC24770	2021/11/16 09:35 2021/11/16 09:35	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24770:202111160935:SR Grab AC24770:202111160935:SR Grab	Total Suspended Solids Total Solids	N/A N/A	1 mg/L 116 mg/L		1.17 mg/L 5 mg/L	1.17	mg/L 254 mg/L 254		Clackamas County-Water Clackamas County-Water	
AC24770	2021/11/16 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24770:202111160935:SR Grab	Dissolved Oxygen	N/A	10.5 mg/L		0.02 mg/L	0.02	0		Clackamas County-Water	
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Copper	7440-50-8	2.1 ug/L		0.1 ug/L	0.1	ug/L	200.8	Clackamas County-Water	AC24771
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Lead	7439-92-1	0.36 ug/L		0.01 ug/L	0.01			Clackamas County-Water	
AC24771 AC24771	2021/11/16 10:40 2021/11/16 10:40	PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24771:202111161040:SR Grab AC24771:202111161040:SR Grab	Zinc Connor dissolved	7440-66-6 7440-50-8	20 ug/L		1 ug/L	0.1			Clackamas County-Water Clackamas County-Water	
AC24771 AC24771	2021/11/16 10:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Copper, dissolved Lead, dissolved	7439-92-1	1.6 ug/L 0.06 ug/L		0.1 ug/L 0.01 ug/L	0.01			Clackamas County-Water	
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Zinc, dissolved	7440-66-6	17 ug/L		1 ug/L		ug/L		Clackamas County-Water	
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	E. Coli	68583-22-2	91 MPN/100ml		1 MPN/100ml				Clackamas County-Water	
AC24771 AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Total Hardness	N/A N/A	60 mg/l CaCO3		5.3 mg/l CaCO3	5.3	mg/I CaCO3 234		Clackamas County-Water	
AC24771 AC24771	2021/11/16 10:40 2021/11/16 10:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24771:202111161040:SR Grab AC24771:202111161040:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	14797-55-8	0.02 mg/L 0.95 mg/L		0.01 mg/L 0.0625 mg/L	0.0625			Clackamas County-Water Clackamas County-Water	
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Orthophosphate	14265-44-2	0.03 mg/L		0.025 mg/L	0.025		0-P-F	Clackamas County-Water	
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Phosphorus	7723-14-0	0.05 mg/L		N/A mg/L	0.02			ALS Environmental Kelso	AC24771
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Acidity, hydrogen ion (H+)	N/A	7.6 SU		N/A SU				Clackamas County-Water	
AC24771 AC24771	2021/11/16 10:40 2021/11/16 10:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24771:202111161040:SR Field Meter AC24771:202111161040:SR Field Meter	Conductivity Temperature, water	N/A N/A	172.5 uS/cm 12 deg C		N/A uS/cm N/A deg C		uS/cm deg C 2550		Clackamas County-Water Clackamas County-Water	
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Field Meter	Total Dissolved Solids	N/A	103 mg/L		5.6 mg/L		mg/L 254		Clackamas County-Water	
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Total Suspended Solids	N/A	3 mg/L		1.17 mg/L	1.17	mg/L 254	0-D	Clackamas County-Water	
AC24771	2021/11/16 10:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24771:202111161040:SR Grab	Total Solids	N/A	120 mg/L		5 mg/L		mg/L 254		Clackamas County-Water	
AC24771 AC24772	2021/11/16 10:40 2021/11/16 11:15	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24771:202111161040:SR Grab AC24772:202111161115:SR Grab	Dissolved Oxygen Copper	N/A 7440-50-8	10 mg/L 1.9 ug/L		0.02 mg/L 0.1 ug/L	0.02			Clackamas County-Water Clackamas County-Water	
AC24772 AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:5K Grab	Lead	7439-92-1	0.45 ug/L		0.01 ug/L	0.01			Clackamas County-Water	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Grab	Zinc	7440-66-6	22 ug/L		1 ug/L	1			Clackamas County-Water	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Grab	Copper, dissolved	7440-50-8	1.6 ug/L		0.1 ug/L	0.1			Clackamas County-Water	
AC24772 AC24772	2021/11/16 11:15 2021/11/16 11:15	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24772:202111161115:SR Grab AC24772:202111161115:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.1 ug/L 19 ug/L		0.01 ug/L 1 ug/L	0.01			Clackamas County-Water Clackamas County-Water	
AC24772 AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC24772:202111161115:5K Grab	E. Coli	68583-22-2	19 ug/L 214 MPN/100ml		1 ug/L 1 MPN/100ml		ug/L MPN/100ml COL		Clackamas County-Water	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Grab	Total Hardness	N/A	61 mg/l CaCO3		5.3 mg/l CaCO3		mg/I CaCO3 234		Clackamas County-Water	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Grab	Ammonia-nitrogen	N/A	0.063 mg/L		0.01 mg/L	0.025	mg/L 450		Clackamas County-Water	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.6 mg/L		0.0625 mg/L	0.0625			Clackamas County-Water	
AC24772 AC24772	2021/11/16 11:15 2021/11/16 11:15	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24772:202111161115:SR Grab AC24772:202111161115:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.1 mg/L 0.16 mg/L		0.025 mg/L N/A mg/L	0.025			Clackamas County-Water ALS Environmental Kelso	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Grab	Acidity, hydrogen ion (H+)	N/A	7 SU		N/A SU				Clackamas County-Water	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Field Meter	Conductivity	N/A	163.1 uS/cm		N/A uS/cm	N/A	uS/cm	2510	Clackamas County-Water	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Field Meter	Temperature, water	N/A	11.2 deg C		N/A deg C		deg C 255		Clackamas County-Water	
AC24772 AC24772	2021/11/16 11:15 2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Field Meter	Total Dissolved Solids	N/A N/A	118 mg/L 3 mg/l		5.6 mg/L	5.6	mg/L 254 mg/L 254		Clackamas County-Water	
AC24772 AC24772	2021/11/16 11:15 2021/11/16 11:15	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24772:202111161115:SR Grab AC24772:202111161115:SR Grab	Total Suspended Solids Total Solids	N/A N/A	3 mg/L 142 mg/L		1.17 mg/L 5 mg/L		mg/L 254 mg/L 254		Clackamas County-Water Clackamas County-Water	
AC24772	2021/11/16 11:15	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24772:202111161115:SR Grab	Dissolved Oxygen	N/A	8.2 mg/L		0.02 mg/L	0.02			Clackamas County-Water	
AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR Grab	Copper	7440-50-8	2.7 ug/L		0.1 ug/L	0.1	ug/L	200.8	Clackamas County-Water	AC24773
AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR Grab	Lead	7439-92-1	0.6 ug/L		0.01 ug/L	0.01			Clackamas County-Water	
AC24773 AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR Grab	Zinc Conner dissolved	7440-66-6 7440-50-8	17 ug/L 2 ug/l		1 ug/L	1			Clackamas County-Water	
AC24773 AC24773	2021/11/16 11:48 2021/11/16 11:48	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24773:202111161148:SR Grab AC24773:202111161148:SR Grab	Copper, dissolved Lead, dissolved	7439-92-1	2 ug/L 0.1 ug/L		0.1 ug/L 0.01 ug/L	0.1			Clackamas County-Water Clackamas County-Water	
AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR Grab	Zinc, dissolved	7440-66-6	11 ug/L		1 ug/L		ug/L		Clackamas County-Water	
AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR Grab	E. Coli	68583-22-2	222 MPN/100ml		1 MPN/100ml	1	MPN/100ml COL		Clackamas County-Water	
AC24773 AC24773	2021/11/16 11:48 2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR Grab	Total Hardness	N/A	56 mg/l CaCO3		5.3 mg/l CaCO3		mg/I CaCO3 234		Clackamas County-Water	
		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR Grab	Ammonia-nitrogen	N/A	0.023 mg/L		0.01 mg/L	0.025	111g/L 450	0-NH3 G	Clackamas County-Water	MC24//J

ID AC24773	Date Time			Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value								Laboratory Name	Lab Sample ID
	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR	<u>Method</u> Grah	Nitrate/Nitrite as N	14797-55-8	0.59 mg/		Qualifier	Value 0.0625 I	Unit ng/l	Value 0.0625	Unit mg/l	<u>Method ID</u> 4500-NO3(F)	Clackamas County-Water	
AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR		Orthophosphate	14265-44-2	0.03 mg/			0.025		0.025		4500-P-F	Clackamas County-Water	
AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR		Phosphorus	7723-14-0	0.08 mg/				ng/L	0.02			ALS Environmental Kelso	
AC24773 AC24773	2021/11/16 11:48 2021/11/16 11:48	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24773:202111161148:SR AC24773:202111161148:SR		Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.3 SU 152.2 uS/d						SU uS/cm	4500-H+B 2510	Clackamas County-Water Clackamas County-Water	
AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR		Temperature, water	N/A	11.3 deg						deg C	2550 B	Clackamas County-Water	
AC24773 AC24773	2021/11/16 11:48 2021/11/16 11:48	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24773:202111161148:SR AC24773:202111161148:SR		Total Dissolved Solids Total Suspended Solids	N/A N/A	94 mg/			5.6 I 1.17 I		5.6 1.17	mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC24773 AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR		Total Solids	N/A	4 mg/ 113 mg/				ng/L		mg/L	2540-D 2540-B	Clackamas County-Water	
AC24773	2021/11/16 11:48	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24773:202111161148:SR		Dissolved Oxygen	N/A	8.8 mg/	/L		0.02	ng/L	0.02	mg/L	4500-O-C	Clackamas County-Water	
AC24774 AC24774	2021/11/16 09:57 2021/11/16 09:57	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24774:202111160957:SR AC24774:202111160957:SR		Copper Lead	7440-50-8 7439-92-1	1.4 ug/l 0.31 ug/l			0.1	-	0.1			3 Clackamas County-Water 3 Clackamas County-Water	
AC24774	2021/11/16 09:57	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24774:202111160957:SR		Zinc	7440-66-6	4 ug/l			1			ug/L		B Clackamas County-Water	
AC24774 AC24774	2021/11/16 09:57	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24774:202111160957:SR		Copper, dissolved	7440-50-8	1.2 ug/l			0.1		0.1			3 Clackamas County-Water	
AC24774 AC24774	2021/11/16 09:57 2021/11/16 09:57	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24774:202111160957:SR AC24774:202111160957:SR		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.05 ug/l 3 ug/l			0.01	ig/L ig/L	0.01	ug/L ug/L		3 Clackamas County-Water 3 Clackamas County-Water	
AC24774	2021/11/16 09:57	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24774:202111160957:SR		E. Coli	68583-22-2	187 MPI	N/100ml		1	/IPN/100ml	1	MPN/100ml		Clackamas County-Water	
AC24774 AC24774	2021/11/16 09:57 2021/11/16 09:57	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24774:202111160957:SR AC24774:202111160957:SR		Total Hardness Ammonia-nitrogen	N/A N/A	/48 mg 0.012 mg	/I CaCO3 /I		0.01	ng/I CaCO3	5.3 0.025	mg/I CaCO3	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC24774	2021/11/16 09:57	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24774:202111160957:SR		Nitrate/Nitrite as N	14797-55-8	2.8 mg/			0.0625		0.0625		4500-NO3(F)	Clackamas County-Water	
AC24774	2021/11/16 09:57	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24774:202111160957:SR		Orthophosphate	14265-44-2	0.03 mg/			0.025		0.025		4500-P-F	Clackamas County-Water	
AC24774 AC24774	2021/11/16 09:57 2021/11/16 09:57	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24774:202111160957:SR AC24774:202111160957:SR		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A	0.06 mg/ 7.8 SU				ng/L iU	0.02 N/A	mg/L SU	4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC24774	2021/11/16 09:57	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24774:202111160957:SR		Conductivity	N/A	150.9 uS/d					N/A	uS/cm		0 Clackamas County-Water	
AC24774 AC24774	2021/11/16 09:57 2021/11/16 09:57	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24774:202111160957:SR AC24774:202111160957:SR		Temperature, water Total Dissolved Solids	N/A N/A	10.2 deg 92 mg/		1	1/A 0 5.6 i	•		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC24774	2021/11/16 09:57	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24774:202111160957:SR		Total Suspended Solids	N/A	52 mg/ 1 mg/			1.17		1.17		2540-C	Clackamas County-Water	
AC24774	2021/11/16 09:57	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24774:202111160957:SR		Total Solids	N/A	114 mg/				ng/L		mg/L	2540-B	Clackamas County-Water	
AC24774 AC24775	2021/11/16 09:57 2021/11/16 08:53	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24774:202111160957:SR AC24775:202111160853:SR		Dissolved Oxygen Copper	N/A 7440-50-8	10.3 mg/ 2.7 ug/l			0.02		0.02		4500-O-C 200 8	Clackamas County-Water 3 Clackamas County-Water	
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:SR		Lead	7439-92-1	0.34 ug/l	L		0.01		0.01			3 Clackamas County-Water	
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:SR		Zinc	7440-66-6	52 ug/l			1			ug/L		8 Clackamas County-Water	
AC24775 AC24775	2021/11/16 08:53 2021/11/16 08:53	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24775:202111160853:SR AC24775:202111160853:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	2.2 ug/l 0.06 ug/l			0.1		0.1			3 Clackamas County-Water 3 Clackamas County-Water	
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:SR		Zinc, dissolved	7440-66-6	48 ug/l				ig/L		ug/L	200.8	3 Clackamas County-Water	AC24775
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:SR		E. Coli Total Handman	68583-22-2	121 MPI				/IPN/100ml		MPN/100ml		Clackamas County-Water	
AC24775 AC24775	2021/11/16 08:53 2021/11/16 08:53	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24775:202111160853:SR AC24775:202111160853:SR		Total Hardness Ammonia-nitrogen	N/A N/A	/U mg/ 0.025 mg/	/I CaCO3 /L		0.01	ng/l CaCO3 ng/L	0.025	mg/I CaCO3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:SR		Nitrate/Nitrite as N	14797-55-8	0.55 mg/	/L		0.0625	ng/L	0.0625	mg/L	4500-NO3(F)	Clackamas County-Water	
AC24775 AC24775	2021/11/16 08:53 2021/11/16 08:53	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24775:202111160853:SR AC24775:202111160853:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.03 mg/ 0.06 mg/		,	0.025 I		0.025		4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:5R		Phosphorus Acidity, hydrogen ion (H+)	N/A	0.00 Mg/ 7 SU				ng/L iU		SU SU	4500-H+B	Clackamas County-Water	
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:SR		Conductivity	N/A	175.8 uS/d						uS/cm		Clackamas County-Water	
AC24775 AC24775	2021/11/16 08:53 2021/11/16 08:53	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24775:202111160853:SR AC24775:202111160853:SR		Temperature, water Total Dissolved Solids	N/A N/A	11.1 deg 99 mg/		1	I/A 0	-		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:SR		Total Suspended Solids	N/A	<1.0 mg/			1.17		1.17		2540-D	Clackamas County-Water	
AC24775	2021/11/16 08:53	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24775:202111160853:SR		Total Solids	N/A	127 mg/				ng/L		mg/L	2540-B	Clackamas County-Water	
AC24775 AC24776	2021/11/16 08:53 2021/11/16 12:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24775:202111160853:SR AC24776:202111161210:SR		Dissolved Oxygen Copper	N/A 7440-50-8	/ mg/ 2.4 ug/l			0.02	-	0.02		4500-O-C 200.8	Clackamas County-Water 3 Clackamas County-Water	
AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Lead	7439-92-1	0.45 ug/l			0.01		0.01			8 Clackamas County-Water	
AC24776 AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Zinc Common dissolved	7440-66-6	15 ug/l			1			ug/L		3 Clackamas County-Water	
AC24776 AC24776	2021/11/16 12:10 2021/11/16 12:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24776:202111161210:SR AC24776:202111161210:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	1.9 ug/l 0.1 ug/l			0.1		0.1			3 Clackamas County-Water 3 Clackamas County-Water	
AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Zinc, dissolved	7440-66-6	12 ug/l	L		1	ıg/L	1	ug/L		3 Clackamas County-Water	AC24776
AC24776 AC24776	2021/11/16 12:10 2021/11/16 12:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24776:202111161210:SR AC24776:202111161210:SR		E. Coli Total Hardness	68583-22-2 N/A	178 MPI 58 mg/				/IPN/100ml ng/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Ammonia-nitrogen	N/A	0.019 mg/			0.01		0.03			Clackamas County-Water	
AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Nitrate/Nitrite as N	14797-55-8	0.89 mg/			0.0625		0.0625			Clackamas County-Water	
AC24776 AC24776	2021/11/16 12:10 2021/11/16 12:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24776:202111161210:SR AC24776:202111161210:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.06 mg/ 0.1 mg/		,	0.025 I	ng/L ng/L	0.025		4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Acidity, hydrogen ion (H+)	N/A	7.4 SU			1/A			SU	4500-H+B	Clackamas County-Water	
AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Conductivity	N/A	159.2 uS/o						uS/cm		Clackamas County-Water	
AC24776 AC24776	2021/11/16 12:10 2021/11/16 12:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24776:202111161210:SR AC24776:202111161210:SR		Temperature, water Total Dissolved Solids	N/A N/A	11.2 deg 100 mg/		r	V/A 5.6 I			deg C mg/L		Clackamas County-Water Clackamas County-Water	
AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Total Suspended Solids	N/A	<1.0 mg/	/L		1.17		1.17	-	2540-D	Clackamas County-Water	
AC24776	2021/11/16 12:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC24776:202111161210:SR		Total Solids	N/A	114 mg/				ng/L		mg/L	2540-B	Clackamas County-Water	
AC24776 AC26171	2021/11/16 12:10 2021/12/16 08:08	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC24776:202111161210:SR AC26171:202112160808:SR		Dissolved Oxygen Copper	N/A 7440-50-8	9.5 mg/ 1.37 ug/l			0.02		0.02		4500-O-C 200.8	Clackamas County-Water ALS Environmental Kelso	
AC26171	2021/12/16 08:08	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26171:202112160808:SR	Grab	Lead	7439-92-1	0.354 ug/l	L		0.01	ig/L	0.01	ug/L	200.8	3 ALS Environmental Kelso	AC26171
AC26171 AC26171	2021/12/16 08:08 2021/12/16 08:08	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26171:202112160808:SR AC26171:202112160808:SR		Zinc Copper, dissolved	7440-66-6 7440-50-8	5.5 ug/l 1.11 ug/l			0.1		0.1			3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC26171	2021/12/16 08:08	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26171:202112160808:SR		Lead, dissolved	7439-92-1	0.114 ug/l			0.02		0.02			ALS Environmental Kelso	
AC26171	2021/12/16 08:08	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26171:202112160808:SR	Grab	Zinc, dissolved	7440-66-6	3.9 ug/l	L		1	ıg/L	1	ug/L		ALS Environmental Kelso	
AC26171 AC26171	2021/12/16 08:08 2021/12/16 08:08	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26171:202112160808:SR AC26171:202112160808:SR		E. Coli Total Hardness	68583-22-2 N/A	32 MPI 33 mg/	N/100ml /I CaCO3			ng/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC26171	2021/12/16 08:08	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26171:202112160808:SR		Ammonia-nitrogen	N/A	<0.03 mg/			0.01	ng/L	0.03	mg/L	4500-NH3 G	Clackamas County-Water	
AC26171	2021/12/16 08:08	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26171:202112160808:SR		Nitrate/Nitrite as N Orthonhocobate	14797-55-8	1 mg/			0.0625		0.0625			Clackamas County-Water	
AC26171 AC26171	2021/12/16 08:08 2021/12/16 08:08	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26171:202112160808:SR AC26171:202112160808:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.03 mg/ 0.06 mg/		r	0.006 I	ng/L ng/L	0.006		4500-P-F 365.3	Clackamas County-Water 3 ALS Environmental Kelso	
AC26171	2021/12/16 08:08	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26171:202112160808:SR	Field Meter	Acidity, hydrogen ion (H+)	N/A	7.5 SU		1	I/A S	iU	N/A	SU	4500-H+B	Clackamas County-Water	AC26171
AC26171 AC26171	2021/12/16 08:08 2021/12/16 08:08	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26171:202112160808:SR AC26171:202112160808:SR		Conductivity Temperature, water	N/A N/A	95.4 uS/0 7.9 deg						uS/cm deg C	2510 2550 B	Clackamas County-Water Clackamas County-Water	
AC26171 AC26171	2021/12/16 08:08	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC26171:202112160808:SR AC26171:202112160808:SR		Total Dissolved Solids	N/A N/A	7.9 deg 78 mg/		ſ	5.6 i			aeg C mg/L		Clackamas County-Water Clackamas County-Water	
AC26171	2021/12/16 08:08	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26171:202112160808:SR	Grab	Total Suspended Solids	N/A	6 mg/	/L		1.17	ng/L	1.17	mg/L	2540-D	Clackamas County-Water	AC26171
AC26171 AC26171	2021/12/16 08:08 2021/12/16 08:08	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26171:202112160808:SR AC26171:202112160808:SR		Total Solids Total volatile solids	N/A N/A	111 mg/ 58 mg/				ng/L ng/L		mg/L mg/L	2540-B 2540-E	Clackamas County-Water Clackamas County-Water	
AC26171	2021/12/16 08:08	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26171:202112160808:SR		Dissolved Oxygen	N/A N/A	11.6 mg/			0.02		0.02	mg/L	4500-O-C	Clackamas County-Water	
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR		Copper	7440-50-8	0.94 ug/l			0.1		0.1			ALS Environmental Kelso	
AC26172 AC26172	2021/12/16 09:00 2021/12/16 09:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26172:202112160900:SR AC26172:202112160900:SR		Lead Zinc	7439-92-1 7440-66-6	0.117 ug/l 23.9 ug/l			0.01		0.01	ug/L ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR		Copper, dissolved	7440-50-8	0.63 ug/l			0.1		0.1	ug/L		3 ALS Environmental Kelso	
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR		Lead, dissolved	7439-92-1	<0.020 ug/l			0.02		0.02			ALS Environmental Kelso	
AC26172	2021/12/16 09:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26172:202112160900:SR AC26172:202112160900:SR		Zinc, dissolved E. Coli	7440-66-6 68583-22-2	19.6 ug/l 38 MPI	L N/100ml			ıg/L /IPN/100ml		ug/L MPN/100ml		3 ALS Environmental Kelso Clackamas County-Water	
AC26172	2021/12/16 09:00													-				

Monitoring Location	Activity Start Activity Start Date Time	Activity Start/Eng	d <u>Activity Media</u> Subdivision Name	Activity Type	Activity ID (Locked) Sample Collect	tion <u>Characteristic Name</u>	CAS Number	Result Value	Result Unit	Result Measure Qualifier	Detection Li Value	nit <u>Detection Limit</u> I <u>Unit</u>	Reporting Limit <u>Reporting Lim</u> Value <u>Unit</u>	nit <u>Result Analytica</u> <u>Method ID</u>	Laboratory Name	Lab Sample ID
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR Grab	Ammonia-nitrogen	N/A	<0.03	mg/L	quuiner		0.01 mg/L	0.03 mg/L	4500-NH3 G	Clackamas County-Water	AC26172
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR Grab	Nitrate/Nitrite as N	14797-55-8		3 mg/L			0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC26172 AC26172	2021/12/16 09:00 2021/12/16 09:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26172:202112160900:SR Grab AC26172:202112160900:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	mg/L 2 mg/L		N/A	.025 mg/L	0.025 mg/L 0.02 mg/L	4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR Grab	Acidity, hydrogen ion (H+)	N/A		2 SU		N/A	mg/L SU N	/A SU	4500-H+B	Clackamas County-Water	
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR Field Meter	Conductivity	N/A		5 uS/cm		N/A		/A uS/cm		0 Clackamas County-Water	AC26172
AC26172 AC26172	2021/12/16 09:00 2021/12/16 09:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26172:202112160900:SR Field Meter AC26172:202112160900:SR Field Meter	Temperature, water Total Dissolved Solids	N/A N/A		/ deg C		N/A	deg C N 5.6 mg/L	/A deg C 5.6 mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC26172 AC26172	2021/12/16 09:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR Field Meter AC26172:202112160900:SR Grab	Total Suspended Solids	N/A N/A		i mg/L 5 mg/L			1.17 mg/L	1.17 mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR Grab	Total Solids	N/A	178	3 mg/L			5 mg/L	5 mg/L	2540-B	Clackamas County-Water	
AC26172	2021/12/16 09:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26172:202112160900:SR Grab	Dissolved Oxygen	N/A		7 mg/L			0.02 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Water	
AC26173 AC26173	2021/12/16 09:20 2021/12/16 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26173:202112160920:SR Grab AC26173:202112160920:SR Grab	Copper Lead	7440-50-8 7439-92-1	0.205	7 ug/L 5 ug/L			0.1 ug/L 0.01 ug/L	0.1 ug/L 0.01 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:SR Grab	Zinc	7440-66-6		3 ug/L			1 ug/L	1 ug/L		8 ALS Environmental Kelso	
AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:SR Grab	Copper, dissolved	7440-50-8		2 ug/L			0.1 ug/L	0.1 ug/L		8 ALS Environmental Kelso	
AC26173 AC26173	2021/12/16 09:20 2021/12/16 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26173:202112160920:SR Grab AC26173:202112160920:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.072	2 ug/L 5 ug/L			0.02 ug/L 1 ug/L	0.02 ug/L 1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:SR Grab	E. Coli	68583-22-2		MPN/100ml			1 MPN/100ml	1 MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:SR Grab	Total Hardness	N/A		mg/I CaCO3			5.3 mg/l CaCO3	5.3 mg/l CaCO3	2340c	Clackamas County-Water	
AC26173 AC26173	2021/12/16 09:20 2021/12/16 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26173:202112160920:SR Grab AC26173:202112160920:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	< 0.03	mg/L 5 mg/L			0.01 mg/L 0625 mg/L	0.03 mg/L 0.0625 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:SR Grab	Orthophosphate	14265-44-2	<0.025	mg/L			.025 mg/L	0.025 mg/L	4500-P-F	Clackamas County-Water	
AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:SR Grab	Phosphorus	7723-14-0		5 mg/L		N/A	mg/L	0.02 mg/L	365	3 ALS Environmental Kelso	AC26173
AC26173 AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine	AC26173:202112160920:SR Grab	Acidity, hydrogen ion (H+) Conductivity	N/A N/A		2 SU		N/A N/A		/A SU //A uS/cm	4500-H+B	Clackamas County-Water	
AC26173 AC26173	2021/12/16 09:20 2021/12/16 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC26173:202112160920:SR Field Meter AC26173:202112160920:SR Field Meter	Temperature, water	N/A		5 uS/cm 5 deg C		N/A		/A uS/cm /A deg C	2550 B	.0 Clackamas County-Water Clackamas County-Water	
AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:SR Field Meter	Total Dissolved Solids	N/A		3 mg/L			5.6 mg/L	5.6 mg/L	2540-C	Clackamas County-Water	
AC26173	2021/12/16 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:SR Grab	Total Suspended Solids	N/A		5 mg/L			1.17 mg/L	1.17 mg/L	2540-D	Clackamas County-Water	
AC26173 AC26173	2021/12/16 09:20 2021/12/16 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26173:202112160920:SR Grab AC26173:202112160920:SR Grab	Total Solids Dissolved Oxygen	N/A N/A) mg/L L mg/L			5 mg/L 0.02 mg/L	5 mg/L 0.02 mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC26173 AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26173:202112160920:3K Grab	Copper	7440-50-8		L ug/L			0.1 ug/L	0.1 ug/L		.8 ALS Environmental Kelso	
AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Grab	Lead	7439-92-1	0.428	3 ug/L			0.01 ug/L	0.01 ug/L		8 ALS Environmental Kelso	
AC26174 AC26174	2021/12/16 10:00 2021/12/16 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26174:202112161000:SR Grab AC26174:202112161000:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8		5 ug/L 5 ug/L			1 ug/L 0.1 ug/L	1 ug/L 0.1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC26174 AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Grab	Lead, dissolved	7439-92-1	0.109				0.02 ug/L	0.02 ug/L		8 ALS Environmental Kelso	
AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Grab	Zinc, dissolved	7440-66-6		i ug/L			1 ug/L	1 ug/L	200	8 ALS Environmental Kelso	
AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Grab	E. Coli	68583-22-2		5 MPN/100ml			1 MPN/100ml	1 MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC26174 AC26174	2021/12/16 10:00 2021/12/16 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26174:202112161000:SR Grab AC26174:202112161000:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	<0.03	2 mg/l CaCO3 mg/L			5.3 mg/l CaCO3 0.01 mg/L	5.3 mg/l CaCO3 0.025 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Grab	Nitrate/Nitrite as N	14797-55-8		l mg/L			0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Grab	Orthophosphate	14265-44-2	<0.025	mg/L			.025 mg/L	0.025 mg/L	4500-P-F	Clackamas County-Water	
AC26174 AC26174	2021/12/16 10:00 2021/12/16 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26174:202112161000:SR Grab AC26174:202112161000:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		5 mg/L 5 SU		N/A N/A	mg/L SU N	0.02 mg/L I/A SU	365. 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Field Meter	Conductivity	N/A		9 uS/cm		N/A		/A uS/cm		.0 Clackamas County-Water	
AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Field Meter	Temperature, water	N/A	9.1	L deg C		N/A	deg C N	/A deg C	2550 B	Clackamas County-Water	AC26174
AC26174 AC26174	2021/12/16 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine	AC26174:202112161000:SR Field Meter	Total Dissolved Solids	N/A N/A		9 mg/L			5.6 mg/L	5.6 mg/L	2540-C 2540-D	Clackamas County-Water	
AC26174 AC26174	2021/12/16 10:00 2021/12/16 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC26174:202112161000:SR Grab AC26174:202112161000:SR Grab	Total Suspended Solids Total Solids	N/A N/A		↓ mg/L 7 mg/L			1.17 mg/L 5 mg/L	1.17 mg/L 5 mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC26174	2021/12/16 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26174:202112161000:SR Grab	Dissolved Oxygen	N/A		l mg/L			0.02 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Water	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Copper	7440-50-8		l ug/L			0.1 ug/L	0.1 ug/L		8 ALS Environmental Kelso	
AC26175 AC26175	2021/12/16 10:28 2021/12/16 10:28	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26175:202112161028:SR Grab AC26175:202112161028:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.314	i ug/L ug/L			0.01 ug/L 1 ug/L	0.01 ug/L 1 ug/L		.8 ALS Environmental Kelso .8 ALS Environmental Kelso	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Copper, dissolved	7440-50-8		l ug/L			0.1 ug/L	0.1 ug/L		8 ALS Environmental Kelso	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Lead, dissolved	7439-92-1	0.096				0.02 ug/L	0.02 ug/L		8 ALS Environmental Kelso	
AC26175 AC26175	2021/12/16 10:28 2021/12/16 10:28	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26175:202112161028:SR Grab AC26175:202112161028:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2		3 ug/L 2 MPN/100ml			1 ug/L 1 MPN/100ml	1 ug/L 1 MPN/100ml	COLILERT/2000	.8 ALS Environmental Kelso Clackamas County-Water	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Total Hardness	N/A		3 mg/l CaCO3			5.3 mg/l CaCO3	5.3 mg/l CaCO3	2340c	Clackamas County-Water	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Ammonia-nitrogen	N/A		9 mg/L			0.03 mg/L	0.03 mg/L	4500-NH3 G	Clackamas County-Water	
AC26175 AC26175	2021/12/16 10:28 2021/12/16 10:28	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26175:202112161028:SR Grab AC26175:202112161028:SR Grab	Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2		5 mg/L 5 mg/L			0625 mg/L .025 mg/L	0.0625 mg/L 0.025 mg/L	4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Phosphorus	7723-14-0		l mg/L		N/A	mg/L	0.02 mg/L		.3 ALS Environmental Kelso	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Acidity, hydrogen ion (H+)	N/A		9 SU		N/A		/A SU	4500-H+B	Clackamas County-Water	
AC26175 AC26175	2021/12/16 10:28 2021/12/16 10:28	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26175:202112161028:SR Field Meter AC26175:202112161028:SR Field Meter	Conductivity	N/A N/A		l uS/cm		N/A N/A		/A uS/cm /A deg C	251 2550 B	.0 Clackamas County-Water Clackamas County-Water	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Field Meter	Temperature, water Total Dissolved Solids	N/A		L deg C 3 mg/L		N/A	deg C N 5.6 mg/L	/A deg C 5.6 mg/L	2540-C	Clackamas County-Water	
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Total Suspended Solids	N/A	4	1 mg/L			1.17 mg/L	1.17 mg/L	2540-D	Clackamas County-Water	AC26175
AC26175	2021/12/16 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26175:202112161028:SR Grab	Total Solids	N/A N/A		3 mg/L			5 mg/L	5 mg/L	2540-B	Clackamas County-Water	
AC26175 AC26176	2021/12/16 10:28 2021/12/16 10:45	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26175:202112161028:SR Grab AC26176:202112161045:SR Grab	Dissolved Oxygen Copper	N/A 7440-50-8		′mg/L Lug/L			0.02 mg/L 0.1 ug/L	0.02 mg/L 0.1 ug/L	4500-O-C 200	Clackamas County-Water 8 ALS Environmental Kelso	
AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SR Grab	Lead	7439-92-1	0.463	3 ug/L			0.01 ug/L	0.01 ug/L		8 ALS Environmental Kelso	
AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SR Grab	Zinc Conner discolued	7440-66-6		7 ug/L			1 ug/L	1 ug/L		8 ALS Environmental Kelso	
AC26176 AC26176	2021/12/16 10:45 2021/12/16 10:45	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26176:202112161045:SR Grab AC26176:202112161045:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	1.53 0.115	3 ug/L 5 ug/L			0.1 ug/L 0.02 ug/L	0.1 ug/L 0.02 ug/L		.8 ALS Environmental Kelso .8 ALS Environmental Kelso	
AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SR Grab	Zinc, dissolved	7440-66-6		2 ug/L			1 ug/L	1 ug/L		8 ALS Environmental Kelso	
AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SR Grab	E. Coli	68583-22-2	148	3 MPN/100ml			1 MPN/100ml	1 MPN/100ml	COLILERT/2000	Clackamas County-Water	AC26176
AC26176 AC26176	2021/12/16 10:45 2021/12/16 10:45	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26176:202112161045:SR Grab AC26176:202112161045:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	<0.03	5 mg/l CaCO3			5.3 mg/l CaCO3 0.01 mg/L	5.3 mg/l CaCO3 0.025 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC26176 AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SK Grab	Nitrate/Nitrite as N	14797-55-8		mg/L 9 mg/L			0.01 mg/L 0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SR Grab	Orthophosphate	14265-44-2	<0.025	mg/L		C	.025 mg/L	0.025 mg/L	4500-P-F	Clackamas County-Water	AC26176
AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SR Grab	Phosphorus	7723-14-0		5 mg/L		N/A	mg/L	0.02 mg/L		3 ALS Environmental Kelso	
AC26176 AC26176	2021/12/16 10:45 2021/12/16 10:45	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26176:202112161045:SR Grab AC26176:202112161045:SR Field Meter	Acidity, hydrogen ion (H+) Conductivity	N/A N/A		L SU 9 uS/cm		N/A N/A		/A SU /A uS/cm	4500-H+B 251	Clackamas County-Water 0 Clackamas County-Water	
AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SR Field Meter	Temperature, water	N/A		5 deg C		N/A		/A deg C	2550 B	Clackamas County-Water	
AC26176	2021/12/16 10:45	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26176:202112161045:SR Field Meter	Total Dissolved Solids	N/A	85	5 mg/L			5.6 mg/L	5.6 mg/L	2540-C	Clackamas County-Water	
AC26176 AC26176	2021/12/16 10:45 2021/12/16 10:45	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26176:202112161045:SR Grab AC26176:202112161045:SR Grab	Total Suspended Solids Total Solids	N/A N/A		5 mg/L) mg/l			1.17 mg/L	1.17 mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC26176 AC26176	2021/12/16 10:45 2021/12/16 10:45	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC26176:202112161045:SR Grab AC26176:202112161045:SR Grab	Dissolved Oxygen	N/A N/A) mg/L 2 mg/L			5 mg/L 0.02 mg/L	5 mg/L 0.02 mg/L	4500-O-C	Clackamas County-Water Clackamas County-Water	
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Copper	7440-50-8	1.3	3 ug/L			0.1 ug/L	0.1 ug/L	200	8 ALS Environmental Kelso	AC26177
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Lead	7439-92-1		3 ug/L			0.01 ug/L	0.01 ug/L		8 ALS Environmental Kelso	
AC26177 AC26177	2021/12/16 09:40 2021/12/16 09:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26177:202112160940:SR Grab AC26177:202112160940:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8		≀ug/L ∔ug/L			1 ug/L 0.1 ug/L	1 ug/L 0.1 ug/L		.8 ALS Environmental Kelso .8 ALS Environmental Kelso	
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Lead, dissolved	7439-92-1	0.074				0.02 ug/L	0.02 ug/L		8 ALS Environmental Kelso	
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Zinc, dissolved	7440-66-6	3.8	3 ug/L			1 ug/L	1 ug/L		8 ALS Environmental Kelso	
AC26177 AC26177	2021/12/16 09:40 2021/12/16 09:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26177:202112160940:SR Grab AC26177:202112160940:SR Grab	E. Coli Total Hardness	68583-22-2 N/A		5 MPN/100ml 7 mg/l CaCO3			1 MPN/100ml 5.3 mg/l CaCO3	1 MPN/100ml 5.3 mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
	2022/22/20 00.40		samee water	sample noutine	ACCOL / LEVELIZEDOD HOLSA GLAD	i otur muranesa		37				515 IIIB/1 64605	5.5 mg/1 cacO5	20100	sackanas county-water	,

Monitoring Location ID	Activity Start Activity Star Date Time	t <u>Activity Start/En</u> <u>Time Zone</u>	d <u>Activity Media</u> Subdivision Name	Activity Type	Activity ID (Locked) Sample Colle	ction Characteristic Name	CAS Number	Result Value Result Unit	Result Measure Qualifier	Detection Limit Det	tetion Limit Reporting Limit Reporting Unit Value Unit	Limit Result Analytic Method ID	alLaboratory Name	Lab Sample ID
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Ammonia-nitrogen	N/A	<0.03 mg/L		0.01 mg/L	0.025 mg/L	4500-NH3 G	Clackamas County-Water	AC26177
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.7 mg/L		0.0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC26177 AC26177	2021/12/16 09:40 2021/12/16 09:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26177:202112160940:SR Grab AC26177:202112160940:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025 mg/L 0.06 mg/L	N	0.025 mg/l	0.025 mg/L 0.02 mg/L	4500-P-F 36	Clackamas County-Water 5.3 ALS Environmental Kelso	
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Acidity, hydrogen ion (H+)	N/A	7.6 SU	N/		N/A SU	4500-H+B	Clackamas County-Water	
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Field Meter	Conductivity	N/A	100.2 uS/cm	N/				10 Clackamas County-Water	
AC26177 AC26177	2021/12/16 09:40 2021/12/16 09:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26177:202112160940:SR Field Meter AC26177:202112160940:SR Field Meter	Temperature, water Total Dissolved Solids	N/A N/A	7.6 deg C 66 mg/L	N	/A deg (5.6 mg/L	N/A deg C 5.6 mg/L	2550 B 2540-C	Clackamas County-Water	
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Total Suspended Solids	N/A	4.5 mg/L		1.17 mg/l	1.17 mg/L	2540-D	Clackamas County-Water	
AC26177	2021/12/16 09:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26177:202112160940:SR Grab	Total Solids	N/A	115 mg/L		5 mg/l	5 mg/L	2540-B	Clackamas County-Water	
AC26177 AC26178	2021/12/16 09:40 2021/12/16 08:37	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26177:202112160940:SR Grab AC26178:202112160837:SR Grab	Dissolved Oxygen Copper	N/A 7440-50-8	11.1 mg/L 1.99 ug/L		0.02 mg/l 0.1 ug/L	0.02 mg/L 0.1 ug/L	4500-O-C	Clackamas County-Water 0.8 ALS Environmental Kelso	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	Lead	7439-92-1	0.267 ug/L		0.01 ug/L	0.01 ug/L		0.8 ALS Environmental Kelso	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	Zinc	7440-66-6	50.2 ug/L		1 ug/L	1 ug/L		0.8 ALS Environmental Kelso	
AC26178 AC26178	2021/12/16 08:37 2021/12/16 08:37	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	Copper, dissolved	7440-50-8 7439-92-1	1.45 ug/L		0.1 ug/L 0.02 ug/L	0.1 ug/L		0.8 ALS Environmental Kelso 0.8 ALS Environmental Kelso	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26178:202112160837:SR Grab AC26178:202112160837:SR Grab	Lead, dissolved Zinc, dissolved	7440-66-6	0.058 ug/L 52.1 ug/L		0.02 ug/L 1 ug/L	0.02 ug/L 1 ug/L		0.8 ALS Environmental Kelso	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	E. Coli	68583-22-2	199 MPN/100ml		1 MPN			Clackamas County-Water	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	Total Hardness	N/A	52 mg/l CaCO3		5.3 mg/l			Clackamas County-Water	
AC26178 AC26178	2021/12/16 08:37 2021/12/16 08:37	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26178:202112160837:SR Grab AC26178:202112160837:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	0.11 mg/L 0.42 mg/L		0.01 mg/l 0.0625 mg/l	0.025 mg/L 0.0625 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L		0.025 mg/L	0.025 mg/L	4500-P-F	Clackamas County-Water	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	Phosphorus	7723-14-0	0.04 mg/L	N/		0.02 mg/L		5.3 ALS Environmental Kelso	
AC26178 AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.2 SU	N/ N/		N/A SU N/A uS/cm	4500-H+B	Clackamas County-Water	
AC26178	2021/12/16 08:37 2021/12/16 08:37	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC26178:202112160837:SR Field Meter AC26178:202112160837:SR Field Meter	Temperature, water	N/A N/A	122.5 uS/cm 7.2 deg C	N		n N/A uS/cm N/A deg C	2550 B	510 Clackamas County-Water Clackamas County-Water	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Field Meter	Total Dissolved Solids	N/A	72 mg/L	,	5.6 mg/l	5.6 mg/L	2540-C	Clackamas County-Water	
AC26178	2021/12/16 08:37	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26178:202112160837:SR Grab	Total Suspended Solids	N/A	1.5 mg/L		1.17 mg/l	1.17 mg/L	2540-D	Clackamas County-Water	
AC26178 AC26178	2021/12/16 08:37 2021/12/16 08:37	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26178:202112160837:SR Grab AC26178:202112160837:SR Grab	Total Solids Dissolved Oxygen	N/A N/A	130 mg/L 9.2 mg/L		5 mg/l 0.02 mg/l	5 mg/L 0.02 mg/L	2540-B 4500-O-C	Clackamas County-Water	
AC26178 AC26179	2021/12/16 08:37	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC26179:202112160837:SR Grab AC26179:202112161113:SR Grab	Copper	N/A 7440-50-8	9.2 mg/L 2.3 ug/L		0.02 mg/L	0.1 ug/L		0.8 ALS Environmental Kelso	
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	Lead	7439-92-1	0.49 ug/L		0.01 ug/L	0.01 ug/L	20	0.8 ALS Environmental Kelso	AC26179
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	Zinc	7440-66-6	24.1 ug/L		1 ug/L	1 ug/L		0.8 ALS Environmental Kelso	
AC26179 AC26179	2021/12/16 11:13 2021/12/16 11:13	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26179:202112161113:SR Grab AC26179:202112161113:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	1.45 ug/L 0.105 ug/L		0.1 ug/L 0.02 ug/L	0.1 ug/L 0.02 ug/L		0.8 ALS Environmental Kelso 0.8 ALS Environmental Kelso	
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	Zinc, dissolved	7440-66-6	15.2 ug/L		1 ug/L	1 ug/L		0.8 ALS Environmental Kelso	
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	E. Coli	68583-22-2	112 MPN/100ml		1 MPN			Clackamas County-Water	
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	Total Hardness	N/A	48 mg/l CaCO3		5.3 mg/l			Clackamas County-Water	
AC26179 AC26179	2021/12/16 11:13 2021/12/16 11:13	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26179:202112161113:SR Grab AC26179:202112161113:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.03 mg/L 0.84 mg/L		0.01 mg/l 0.0625 mg/l	0.025 mg/L 0.0625 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water	
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L		0.025 mg/L	0.025 mg/L	4500-P-F	Clackamas County-Water	
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	Phosphorus	7723-14-0	0.07 mg/L	N/		0.02 mg/L		5.3 ALS Environmental Kelso	
AC26179 AC26179	2021/12/16 11:13	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.1 SU 116.1 uS/cm	N/		N/A SU N/A uS/cm	4500-H+B	Clackamas County-Water	
AC26179 AC26179	2021/12/16 11:13 2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC26179:202112161113:SR Field Meter AC26179:202112161113:SR Field Meter	Temperature, water	N/A N/A	7.6 deg C	N/	,	N/A us/cm N/A deg C	2550 B	510 Clackamas County-Water Clackamas County-Water	
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Field Meter	Total Dissolved Solids	N/A	57 mg/L	,	5.6 mg/L	5.6 mg/L	2540-C	Clackamas County-Water	
AC26179	2021/12/16 11:13	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC26179:202112161113:SR Grab	Total Suspended Solids	N/A	8 mg/L		1.17 mg/l	1.17 mg/L	2540-D	Clackamas County-Water	
AC26179 AC26179	2021/12/16 11:13 2021/12/16 11:13	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC26179:202112161113:SR Grab AC26179:202112161113:SR Grab	Total Solids Dissolved Oxygen	N/A N/A	136 mg/L 10.7 mg/L		5 mg/L 0.02 mg/L	5 mg/L 0.02 mg/L	2540-B 4500-O-C	Clackamas County-Water	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Copper	7440-50-8	0.96 ug/L		0.1 ug/L	0.02 mg/L		0.8 ALS Environmental Kelso	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Lead	7439-92-1	0.222 ug/L		0.01 ug/L	0.01 ug/L	20	0.8 ALS Environmental Kelso	AC27470
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Zinc	7440-66-6	3.6 ug/L		1 ug/L	1 ug/L		0.8 ALS Environmental Kelso	
AC27470 AC27470	2022/01/13 07:55 2022/01/13 07:55	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27470:202201130755:SR Grab AC27470:202201130755:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	0.68 ug/L 0.057 ug/L		0.1 ug/L 0.02 ug/L	0.1 ug/L 0.02 ug/L		0.8 ALS Environmental Kelso 0.8 ALS Environmental Kelso	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Zinc, dissolved	7440-66-6	2.8 ug/L		1 ug/L	1 ug/L		0.8 ALS Environmental Kelso	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	E. Coli	68583-22-2	16 MPN/100ml		1 MPN				
AC27470 AC27470	2022/01/13 07:55 2022/01/13 07:55	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27470:202201130755:SR Grab AC27470:202201130755:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	31 mg/l CaCO3 0.11 mg/L		5.3 mg/l 0.01 mg/l	CaCO3 5.3 mg/l CaCO3 0.03 mg/L	2340c 4500-NH3 G	Clackamas County-Water	
AC27470 AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.1 mg/L		0.0625 mg/l	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Orthophosphate	14265-44-2	0.03 mg/L		0.006 mg/L	0.006 mg/L	4500-P-F	Clackamas County-Water	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Phosphorus	7723-14-0	0.06 mg/L	N/		0.02 mg/L		5.3 ALS Environmental Kelso	
AC27470 AC27470	2022/01/13 07:55 2022/01/13 07:55	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27470:202201130755:SR Field Meter AC27470:202201130755:SR Field Meter	Acidity, hydrogen ion (H+) Conductivity	N/A N/A	7.2 SU 93.9 uS/cm	N/ N/		N/A SU N/A uS/cm	4500-H+B	Clackamas County-Water	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Field Meter	Temperature, water	N/A	8.9 deg C	N/		N/A deg C	2550 B	Clackamas County-Water	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Total Dissolved Solids	N/A	71 mg/L		5.6 mg/L	5.6 mg/L	2540-C	Clackamas County-Water	AC27470
AC27470 AC27470	2022/01/13 07:55	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27470:202201130755:SR Grab AC27470:202201130755:SR Grab	Total Suspended Solids Total Solids	N/A N/A	6 mg/L		1.17 mg/l	1.17 mg/L	2540-D 2540-B	Clackamas County-Water	
AC27470 AC27470	2022/01/13 07:55 2022/01/13 07:55	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC27470:202201130755:SR Grab AC27470:202201130755:SR Grab	Total solids Total volatile solids	N/A N/A	110 mg/L 51 mg/L		5 mg/l 5 mg/l	5 mg/L 5 mg/L	2540-B 2540-E	Clackamas County-Water	
AC27470	2022/01/13 07:55	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27470:202201130755:SR Grab	Dissolved Oxygen	N/A	11 mg/L		0.02 mg/L	0.02 mg/L	4500-O-C	Clackamas County-Water	AC27470
AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Grab	Copper	7440-50-8	1.72 ug/L		0.1 ug/L	0.1 ug/L		0.8 ALS Environmental Kelso	
AC27471 AC27471	2022/01/13 08:58 2022/01/13 08:58	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27471:202201130858:SR Grab AC27471:202201130858:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.259 ug/L 35.3 ug/L		0.01 ug/L 1 ug/L	0.01 ug/L 1 ug/L		0.8 ALS Environmental Kelso 0.8 ALS Environmental Kelso	
AC27471 AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:5K Grab	Copper, dissolved	7440-50-8	1.01 ug/L		0.1 ug/L	0.1 ug/L		0.8 ALS Environmental Kelso	
AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Grab	Lead, dissolved	7439-92-1	<0.020 ug/L		0.02 ug/L	0.02 ug/L	20	0.8 ALS Environmental Kelso	AC27471
AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Grab	Zinc, dissolved	7440-66-6	25.4 ug/L		1 ug/L	1 ug/L		0.8 ALS Environmental Kelso	
AC27471 AC27471	2022/01/13 08:58 2022/01/13 08:58	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27471:202201130858:SR Grab AC27471:202201130858:SR Grab	E. Coli Total Hardness	68583-22-2 N/A	308 MPN/100ml 79 mg/l CaCO3		1 MPN 5.3 mg/l		COLILERT/2000 2340c	Clackamas County-Water	
AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Grab	Ammonia-nitrogen	N/A	0.063 mg/L		0.01 mg/l		4500-NH3 G	Clackamas County-Water	
AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.2 mg/L		0.0625 mg/L	0.0625 mg/L	4500-NO3(F)	Clackamas County-Water	AC27471
AC27471 AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L		0.025 mg/L	0.025 mg/L	4500-P-F	Clackamas County-Water	
AC27471 AC27471	2022/01/13 08:58 2022/01/13 08:58	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27471:202201130858:SR Grab AC27471:202201130858:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A	0.04 mg/L 7.1 SU	N/ N/	YA mg/L YA SU	0.02 mg/L N/A SU	4500-H+B	5.3 ALS Environmental Kelso Clackamas County-Water	
AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Field Meter	Conductivity	N/A	188.7 uS/cm	N/	/A uS/ci	n N/A uS/cm		510 Clackamas County-Water	
AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Field Meter	Temperature, water	N/A	10.7 deg C	N		N/A deg C	2550 B	Clackamas County-Water	
AC27471 AC27471	2022/01/13 08:58 2022/01/13 08:58	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27471:202201130858:SR Field Meter AC27471:202201130858:SR Grab	Total Dissolved Solids Total Suspended Solids	N/A N/A	121 mg/L		5.6 mg/l 1.17 mg/l	5.6 mg/L 1.17 mg/L	2540-C 2540-D	Clackamas County-Water	
AC27471 AC27471	2022/01/13 08:58	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC27471:202201130858:SK Grab AC27471:202201130858:SR Grab	Total Suspended Solids Total Solids	N/A N/A	6 mg/L 180 mg/L		1.17 mg/l 5 mg/l	1.17 mg/L 5 mg/L	2540-D 2540-B	Clackamas County-Water	
AC27471	2022/01/13 08:58	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27471:202201130858:SR Grab	Dissolved Oxygen	N/A	8.8 mg/L		0.02 mg/l	0.02 mg/L	4500-O-C	Clackamas County-Water	
AC27472	2022/01/13 09:18	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27472:202201130918:SR Grab	Copper	7440-50-8	1.32 ug/L		0.1 ug/L	0.1 ug/L		0.8 ALS Environmental Kelso	
AC27472 AC27472	2022/01/13 09:18	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC27472:202201130918:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.113 ug/L 20.7 ug/l		0.01 ug/L	0.01 ug/L		0.8 ALS Environmental Kelso 0.8 ALS Environmental Kelso	
AC27472 AC27472	2022/01/13 09:18 2022/01/13 09:18	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27472:202201130918:SR Grab AC27472:202201130918:SR Grab	Zinc Copper, dissolved	7440-56-6 7440-50-8	20.7 ug/L 1.07 ug/L		1 ug/L 0.1 ug/L	1 ug/L 0.1 ug/L		0.8 ALS Environmental Kelso / 0.8 ALS Environmental Kelso /	
	2022/01/13 09:18	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27472:202201130918:SR Grab	Lead, dissolved	7439-92-1	0.026 ug/L		0.02 ug/L	0.02 ug/L		0.8 ALS Environmental Kelso	
AC27472														
AC27472 AC27472 AC27472	2022/01/13 09:18 2022/01/13 09:18	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27472:202201130918:SR Grab AC27472:202201130918:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2	19.1 ug/L 93 MPN/100ml		1 ug/L 1 MPN	1 ug/L 100ml 1 MPN/100m		0.8 ALS Environmental Kelso / Clackamas County-Water /	

Monitoring Location	Activity Start Activity Start Date Time	t <u>Activity Start/En</u> <u>Time Zone</u>	d <u>Activity Media</u> Subdivision Name	Activity Type	Activity ID (Locked)	Sample Collection Method	Characteristic Name	CAS Number	Result Value	e <u>Result Unit</u>	Result Measure Qualifier	Detection Limit Value	Detection Limit Unit	Reporting Limit Value	<u>Reporting Limi</u> <u>Unit</u>	t <u>Result Analytical</u> <u>Method ID</u>	Laboratory Name	Lab Sample ID
AC27472	2022/01/13 09:18	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27472:202201130918:SR Gr		Total Hardness	N/A	ľ	51 mg/l CaCO3			ng/l CaCO3	5.3	3 mg/l CaCO3	2340c	Clackamas County-Water	
AC27472 AC27472	2022/01/13 09:18 2022/01/13 09:18	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27472:202201130918:SR Gr AC27472:202201130918:SR Gr		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.03	mg/L 1.7 mg/L		0.01			8 mg/L 5 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC27472 AC27472	2022/01/13 09:18	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27472:202201130918:SR Gr		Orthophosphate	14265-44-2	<0.025	mg/L		0.0825 1			5 mg/L	4500-P-F	Clackamas County-Water	
AC27472	2022/01/13 09:18	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27472:202201130918:SR Gr		Phosphorus	7723-14-0		0.04 mg/L		N/A I	ng/L	0.02	2 mg/L		3 ALS Environmental Kelso	
AC27472 AC27472	2022/01/13 09:18 2022/01/13 09:18	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27472:202201130918:SR Gr AC27472:202201130918:SR Fie		Acidity, hydrogen ion (H+) Conductivity	N/A N/A		7.5 SU 126.4 uS/cm			U IS/cm	N/A N/A	SU uS/cm	4500-H+B	Clackamas County-Water Clackamas County-Water	
AC27472	2022/01/13 09:18	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27472:202201130918:SR Fie		Temperature, water	N/A		9.3 deg C			leg C	N/A	deg C	2550 B	Clackamas County-Water	
AC27472	2022/01/13 09:18	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27472:202201130918:SR Fig		Total Dissolved Solids	N/A		88 mg/L		5.6 1			6 mg/L	2540-C	Clackamas County-Water	
AC27472 AC27472	2022/01/13 09:18 2022/01/13 09:18	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27472:202201130918:SR Gr AC27472:202201130918:SR Gr		Total Suspended Solids Total Solids	N/A N/A		3 mg/L 133 mg/L		1.17	ng/L ng/L		7 mg/L 5 mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC27472	2022/01/13 09:18	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27472:202201130918:SR Gr		Dissolved Oxygen	N/A		10.6 mg/L		0.02			2 mg/L	4500-O-C	Clackamas County-Water	
AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Gr		Copper	7440-50-8		1.91 ug/L		0.1			Lug/L		B ALS Environmental Kelso	
AC27473 AC27473	2022/01/13 10:03 2022/01/13 10:03	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27473:202201131003:SR Gr AC27473:202201131003:SR Gr		Lead Zinc	7439-92-1 7440-66-6		0.299 ug/L 33.2 ug/L		0.01			L ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Gr		Copper, dissolved	7440-50-8		1.22 ug/L		0.1		0.3	l ug/L	200.8	8 ALS Environmental Kelso	AC27473
AC27473 AC27473	2022/01/13 10:03 2022/01/13 10:03	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27473:202201131003:SR Gr AC27473:202201131003:SR Gr		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6		0.038 ug/L 21.1 ug/L		0.02			2 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC27473 AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Gr		E. Coli	68583-22-2		162 MPN/100ml		1	/IPN/100ml		L ug/L L MPN/100ml		Clackamas County-Water	
AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Gr		Total Hardness	N/A		64 mg/l CaCO3			ng/l CaCO3		3 mg/l CaCO3	2340c	Clackamas County-Water	
AC27473 AC27473	2022/01/13 10:03 2022/01/13 10:03	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27473:202201131003:SR Gr AC27473:202201131003:SR Gr		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8		0.014 mg/L		0.01			5 mg/L 5 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC27473 AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Gr		Orthophosphate	14265-44-2	<0.025	1 mg/L mg/L		0.025			5 mg/L	4500-P-F	Clackamas County-Water	
AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Gr		Phosphorus	7723-14-0		0.03 mg/L		N/A I	ng/L	0.02	2 mg/L		3 ALS Environmental Kelso	AC27473
AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Gr		Acidity, hydrogen ion (H+)	N/A		7.5 SU			U	N/A	SU	4500-H+B	Clackamas County-Water	
AC27473 AC27473	2022/01/13 10:03 2022/01/13 10:03	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27473:202201131003:SR Fie AC27473:202201131003:SR Fie		Conductivity Temperature, water	N/A N/A		159.4 uS/cm 10 deg C			IS/cm leg C	N/A N/A	uS/cm deg C	2550 B	0 Clackamas County-Water Clackamas County-Water	
AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Fie	ield Meter	Total Dissolved Solids	N/A		105 mg/L		5.6	ng/L	5.6	5 mg/L	2540-C	Clackamas County-Water	AC27473
AC27473	2022/01/13 10:03	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27473:202201131003:SR Gr		Total Suspended Solids	N/A N/A		6 mg/L 154 mg/l		1.17			7 mg/L	2540-D	Clackamas County-Water	
AC27473 AC27473	2022/01/13 10:03 2022/01/13 10:03	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27473:202201131003:SR Gr AC27473:202201131003:SR Gr		Total Solids Dissolved Oxygen	N/A N/A		154 mg/L 10.4 mg/L		0.02	ng/L ng/L		5 mg/L 2 mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr	rab	Copper	7440-50-8		1.11 ug/L		0.1	ig/L	0.3	l ug/L	200.8	8 ALS Environmental Kelso	AC27474
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr		Lead	7439-92-1		0.361 ug/L		0.01			L ug/L		B ALS Environmental Kelso	
AC27474 AC27474	2022/01/13 10:28 2022/01/13 10:28	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27474:202201131028:SR Gr AC27474:202201131028:SR Gr		Zinc Copper, dissolved	7440-66-6 7440-50-8		16.7 ug/L 0.81 ug/L		0.1			L ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr		Lead, dissolved	7439-92-1		0.073 ug/L		0.02			2 ug/L		8 ALS Environmental Kelso	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr		Zinc, dissolved	7440-66-6		12.4 ug/L		1			L ug/L		8 ALS Environmental Kelso	
AC27474 AC27474	2022/01/13 10:28 2022/01/13 10:28	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27474:202201131028:SR Gr AC27474:202201131028:SR Gr		E. Coli Total Hardness	68583-22-2 N/A		36 MPN/100ml 70 mg/l CaCO3			/IPN/100ml ng/l CaCO3		I MPN/100ml B mg/I CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr		Ammonia-nitrogen	N/A		0.048 mg/L		0.03			3 mg/L	4500-NH3 G	Clackamas County-Water	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr		Nitrate/Nitrite as N	14797-55-8		2.2 mg/L		0.0625			i mg/L	4500-NO3(F)	Clackamas County-Water	
AC27474 AC27474	2022/01/13 10:28 2022/01/13 10:28	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27474:202201131028:SR Gr AC27474:202201131028:SR Gr		Orthophosphate Phosphorus	14265-44-2 7723-14-0		0.07 mg/L 0.12 mg/L		0.025 I	ng/L ng/L		5 mg/L 2 mg/L	4500-P-F 365.3	Clackamas County-Water 3 ALS Environmental Kelso	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr		Acidity, hydrogen ion (H+)	N/A		7 SU			U	N/A	SU	4500-H+B	Clackamas County-Water	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Fie		Conductivity	N/A		160.4 uS/cm			S/cm	N/A	uS/cm		0 Clackamas County-Water	
AC27474 AC27474	2022/01/13 10:28 2022/01/13 10:28	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27474:202201131028:SR Fie AC27474:202201131028:SR Fie		Temperature, water Total Dissolved Solids	N/A N/A		9.7 deg C 123 mg/L		N/A 0	leg C ng/l	N/A 5.6	deg C 5 mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr		Total Suspended Solids	N/A		8 mg/L		1.17			/ mg/L	2540-D	Clackamas County-Water	
AC27474	2022/01/13 10:28	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27474:202201131028:SR Gr		Total Solids	N/A		183 mg/L			ng/L		5 mg/L	2540-B	Clackamas County-Water	
AC27474 AC27475	2022/01/13 10:28 2022/01/13 10:47	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27474:202201131028:SR Gr AC27475:202201131047:SR Gr		Dissolved Oxygen Copper	N/A 7440-50-8		9.1 mg/L 1.78 ug/L		0.02			2 mg/L L ug/L	4500-O-C	Clackamas County-Water B ALS Environmental Kelso	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Gr		Lead	7439-92-1		0.337 ug/L		0.01			L ug/L		8 ALS Environmental Kelso	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Gr		Zinc	7440-66-6		20.2 ug/L		1	ıg/L		L ug/L		8 ALS Environmental Kelso	
AC27475 AC27475	2022/01/13 10:47 2022/01/13 10:47	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27475:202201131047:SR Gr AC27475:202201131047:SR Gr		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1		1.17 ug/L 0.045 ug/L		0.1			L ug/L 2 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Gr		Zinc, dissolved	7440-66-6		10.4 ug/L			ig/L		Lug/L		B ALS Environmental Kelso	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Gr		E. Coli	68583-22-2		727 MPN/100ml			/IPN/100ml		MPN/100ml		Clackamas County-Water	
AC27475 AC27475	2022/01/13 10:47 2022/01/13 10:47	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27475:202201131047:SR Gr AC27475:202201131047:SR Gr		Total Hardness Ammonia-nitrogen	N/A N/A		69 mg/l CaCO3 0.14 mg/L		5.3 I 0.01 I	ng/l CaCO3		8 mg/l CaCO3 5 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Gr		Nitrate/Nitrite as N	14797-55-8		0.14 mg/L 0.88 mg/L		0.0625			5 mg/L	4500-NO3(F)	Clackamas County-Water	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Gr		Orthophosphate	14265-44-2	<0.025	mg/L		0.025 1	ng/L		5 mg/L	4500-P-F	Clackamas County-Water	
AC27475 AC27475	2022/01/13 10:47 2022/01/13 10:47	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27475:202201131047:SR Gr AC27475:202201131047:SR Gr		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		0.06 mg/L 7.2 SU			ng/L .U	0.02 N/A	2 mg/L SU	365.3 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Fie		Conductivity	N/A		166.2 uS/cm			IS/cm	N/A	uS/cm		0 Clackamas County-Water	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Fie		Temperature, water	N/A		9.3 deg C			leg C	N/A	deg C	2550 B	Clackamas County-Water	
AC27475 AC27475	2022/01/13 10:47 2022/01/13 10:47	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27475:202201131047:SR Fie AC27475:202201131047:SR Gr		Total Dissolved Solids Total Suspended Solids	N/A N/A		109 mg/L 9 mg/L		5.6 i 1.17 i			5 mg/L 7 mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Gr		Total Solids	N/A		161 mg/L			ng/L		5 mg/L	2540-B	Clackamas County-Water	
AC27475	2022/01/13 10:47	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27475:202201131047:SR Gr		Dissolved Oxygen	N/A		8.9 mg/L		0.02	ng/L	0.02	2 mg/L	4500-O-C	Clackamas County-Water	AC27475
AC27476 AC27476	2022/01/13 09:34 2022/01/13 09:34	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27476:202201130934:SR Gr AC27476:202201130934:SR Gr		Copper Lead	7440-50-8 7439-92-1		0.75 ug/L 0.118 ug/L		0.1			L ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC27476	2022/01/13 09:34	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27476:202201130934:SR Gr		Zinc	7439-92-1 7440-66-6		2.6 ug/L		1			L ug/L		B ALS Environmental Kelso	
AC27476	2022/01/13 09:34	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27476:202201130934:SR Gr		Copper, dissolved	7440-50-8		0.64 ug/L		0.1	ig/L	0.3	l ug/L		8 ALS Environmental Kelso	
AC27476 AC27476	2022/01/13 09:34 2022/01/13 09:34	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27476:202201130934:SR Gr AC27476:202201130934:SR Gr		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6		0.042 ug/L 2.7 ug/L		0.02	ig/L ig/L		2 ug/L L ug/L		B ALS Environmental Kelso B ALS Environmental Kelso	
AC27476 AC27476	2022/01/13 09:34 2022/01/13 09:34	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC27476:202201130934:SR Gr AC27476:202201130934:SR Gr		E. Coli	68583-22-2		2.7 ug/L 54 MPN/100ml			Ig/L /IPN/100ml		L Ug/L L MPN/100ml		Clackamas County-Water	
AC27476	2022/01/13 09:34	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27476:202201130934:SR Gr	rab	Total Hardness	N/A		42 mg/l CaCO3		5.3 1	ng/l CaCO3	5.3	8 mg/l CaCO3	2340c	Clackamas County-Water	AC27476
AC27476 AC27476	2022/01/13 09:34 2022/01/13 09:34	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine	AC27476:202201130934:SR Gr AC27476:202201130934:SR Gr		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.03	mg/L 1.8 mg/l		0.01			5 mg/L 5 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC27476 AC27476	2022/01/13 09:34 2022/01/13 09:34	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC27476:202201130934:SR Gr AC27476:202201130934:SR Gr		Orthophosphate	14/97-55-8 14265-44-2	<0.025	1.8 mg/L mg/L		0.0625			5 mg/L 5 mg/L	4500-P-F	Clackamas County-Water Clackamas County-Water	
AC27476	2022/01/13 09:34	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27476:202201130934:SR Gr	rab	Phosphorus	7723-14-0		0.04 mg/L		N/A I	ng/L	0.02	2 mg/L	365.3	3 ALS Environmental Kelso	AC27476
AC27476 AC27476	2022/01/13 09:34	PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27476:202201130934:SR Gr AC27476:202201130934:SR Fie		Acidity, hydrogen ion (H+) Conductivity	N/A N/A		7.4 SU 105.5 uS/cm			U IS/cm	N/A N/A	SU uS/cm	4500-H+B	Clackamas County-Water	
AC27476 AC27476	2022/01/13 09:34 2022/01/13 09:34	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC27476:202201130934:SR Fie AC27476:202201130934:SR Fie		Conductivity Temperature, water	N/A N/A		105.5 uS/cm 8.5 deg C			IS/cm leg C	N/A N/A	deg C	2550 B	D Clackamas County-Water Clackamas County-Water	
AC27476	2022/01/13 09:34	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27476:202201130934:SR Fie	ield Meter	Total Dissolved Solids	N/A		71 mg/L		5.6	ng/L	5.0	5 mg/L	2540-C	Clackamas County-Water	AC27476
AC27476	2022/01/13 09:34	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27476:202201130934:SR Gr		Total Suspended Solids	N/A		2 mg/L		1.17			7 mg/L	2540-D	Clackamas County-Water	
AC27476 AC27476	2022/01/13 09:34 2022/01/13 09:34	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27476:202201130934:SR Gr AC27476:202201130934:SR Gr		Total Solids Dissolved Oxygen	N/A N/A		113 mg/L 11.2 mg/L		0.02	ng/L ng/L		5 mg/L 2 mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gr	rab	Copper	7440-50-8		2.11 ug/L		0.1	ıg/L	0.3	l ug/L	200.8	8 ALS Environmental Kelso	AC27477
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gr		Lead Zin -	7439-92-1		0.126 ug/L		0.01			Lug/L		B ALS Environmental Kelso	
AC27477 AC27477	2022/01/13 08:32 2022/01/13 08:32	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27477:202201130832:SR Gr AC27477:202201130832:SR Gr		Zinc Copper, dissolved	7440-66-6 7440-50-8		46.7 ug/L 1.76 ug/L		0.1			L ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gr		Lead, dissolved	7439-92-1		0.029 ug/L		0.02			2 ug/L		8 ALS Environmental Kelso	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gr		Zinc, dissolved	7440-66-6		42.2 ug/L			ig/L		L ug/L		B ALS Environmental Kelso	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gr	ap	E. Coli	68583-22-2		13 MPN/100ml		1	/IPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	ACZ/4//

Monitoring Location	Activity Start Activity Start	Activity Start/En	d <u>Activity Media</u>	Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure	Detection Lim	it Detection Li	mit Reporting Limit	Reporting Lim	nit Result Analytical	Laboratory Name	Lab Sample ID
ID ID	Date Time	Time Zone	Subdivision Name			Method T		N/A			Qualifier	Value	Unit	Value	Unit	Method ID		
AC27477 AC27477	2022/01/13 08:32 2022/01/13 08:32	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27477:202201130832:SR Gra AC27477:202201130832:SR Gra		otal Hardness mmonia-nitrogen	N/A N/A	0.032	mg/I CaCO3 mg/L			5.3 mg/l CaCO3 01 mg/L		8 mg/l CaCO3 5 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gra	rab N	litrate/Nitrite as N	14797-55-8	0.45	mg/L		0.06	25 mg/L	0.0625	5 mg/L	4500-NO3(F)	Clackamas County-Water	AC27477
AC27477 AC27477	2022/01/13 08:32 2022/01/13 08:32	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27477:202201130832:SR Gra AC27477:202201130832:SR Gra		rthophosphate hosphorus	14265-44-2 7723-14-0		mg/L mg/L		0.0 N/A	25 mg/L mg/L		5 mg/L 2 mg/L	4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gra		cidity, hydrogen ion (H+)	N/A		SU		N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Fiel		onductivity	N/A	173.2			N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	
AC27477 AC27477	2022/01/13 08:32 2022/01/13 08:32	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27477:202201130832:SR Fie AC27477:202201130832:SR Fie		emperature, water otal Dissolved Solids	N/A N/A		deg C mg/L		N/A	deg C 5.6 mg/L	N/A 5.6	deg C 5 mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gra		otal Suspended Solids	N/A	3	mg/L			17 mg/L	1.1	7 mg/L	2540-D	Clackamas County-Water	
AC27477	2022/01/13 08:32	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27477:202201130832:SR Gra		otal Solids	N/A		mg/L			5 mg/L		5 mg/L	2540-B	Clackamas County-Water	
AC27477 AC27478	2022/01/13 08:32 2022/01/13 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27477:202201130832:SR Gra AC27478:202201131110:SR Gra		issolved Oxygen opper	N/A 7440-50-8		mg/L ug/L			02 mg/L).1 ug/L		2 mg/L L ug/L	4500-O-C 200.3	Clackamas County-Water 8 ALS Environmental Kelso	
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Gra		ead	7439-92-1	0.162				01 ug/L		L ug/L		8 ALS Environmental Kelso	
AC27478 AC27478	2022/01/13 11:10 2022/01/13 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Gra		inc	7440-66-6 7440-50-8	16.8 1.13				1 ug/L		Lug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27478:202201131110:SR Gra AC27478:202201131110:SR Gra		opper, dissolved ead, dissolved	7439-92-1	0.039				0.1 ug/L 02 ug/L		L ug/L 2 ug/L		8 ALS Environmental Kelso	
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Gra		inc, dissolved	7440-66-6	13	ug/L			1 ug/L		L ug/L		8 ALS Environmental Kelso	
AC27478 AC27478	2022/01/13 11:10 2022/01/13 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27478:202201131110:SR Gra AC27478:202201131110:SR Gra		. Coli otal Hardness	68583-22-2 N/A		MPN/100ml mg/l CaCO3			1 MPN/100ml 5.3 mg/l CaCO3		L MPN/100ml B mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Gra		mmonia-nitrogen	N/A	0.031				01 mg/L		5 mg/L	4500-NH3 G	Clackamas County-Water	
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Gra		litrate/Nitrite as N	14797-55-8		mg/L			25 mg/L		i mg/L	4500-NO3(F)	Clackamas County-Water	
AC27478 AC27478	2022/01/13 11:10 2022/01/13 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27478:202201131110:SR Gra AC27478:202201131110:SR Gra		rthophosphate hosphorus	14265-44-2 7723-14-0		mg/L mg/L		0.0 N/A	25 mg/L		5 mg/L 2 mg/L	4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Gra		cidity, hydrogen ion (H+)	N/A	7.4			N/A	mg/L SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Fiel		onductivity	N/A		uS/cm		N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	
AC27478 AC27478	2022/01/13 11:10 2022/01/13 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27478:202201131110:SR Fiel AC27478:202201131110:SR Fiel		emperature, water otal Dissolved Solids	N/A N/A		deg C mg/L		N/A	deg C 5.6 mg/L	N/A 5.6	deg C 5 mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC27478 AC27478	2022/01/13 11:10 2022/01/13 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC27478:202201131110:SR Fiel AC27478:202201131110:SR Gra		otal Dissolved Solids otal Suspended Solids	N/A N/A		mg/L mg/L			5.6 mg/L 17 mg/L		mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Gra	rab Te	otal Solids	N/A	166	mg/L			5 mg/L	9	5 mg/L	2540-B	Clackamas County-Water	AC27478
AC27478	2022/01/13 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC27478:202201131110:SR Gra		issolved Oxygen	N/A		mg/L			02 mg/L		2 mg/L	4500-O-C	Clackamas County-Water	
AC28970 AC28970	2022/02/15 07:40 2022/02/15 07:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28970:202202150740:SR Gra AC28970:202202150740:SR Gra		opper ead	7440-50-8 7439-92-1	0.89 0.126	ug/L ug/L			0.1 ug/L 01 ug/L		L ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Gra		inc	7440-66-6	2.3	ug/L			1 ug/L		L ug/L	200.	8 ALS Environmental Kelso	AC28970
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Gra		opper, dissolved	7440-50-8		ug/L			0.1 ug/L		L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28970 AC28970	2022/02/15 07:40 2022/02/15 07:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28970:202202150740:SR Gra AC28970:202202150740:SR Gra		ead, dissolved inc, dissolved	7439-92-1 7440-66-6	0.037	ug/L ug/L		0.	02 ug/L 1 ug/L		2 ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Gra		. Coli	68583-22-2		MPN/100ml			1 MPN/100ml		MPN/100ml		Clackamas County-Water	
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Gra		otal Hardness	N/A		mg/I CaCO3			5.3 mg/l CaCO3		8 mg/I CaCO3	2340c	Clackamas County-Water	
AC28970 AC28970	2022/02/15 07:40 2022/02/15 07:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28970:202202150740:SR Gra AC28970:202202150740:SR Gra		mmonia-nitrogen litrate/Nitrite as N	N/A 14797-55-8		mg/L mg/L			01 mg/L 25 mg/L		3 mg/L 5 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Gra		rthophosphate	14265-44-2		mg/L			06 mg/L		6 mg/L	4500-P-F	Clackamas County-Water	
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Gra		hosphorus	7723-14-0		mg/L		N/A	mg/L		2 mg/L		3 ALS Environmental Kelso	
AC28970 AC28970	2022/02/15 07:40 2022/02/15 07:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28970:202202150740:SR Fiel AC28970:202202150740:SR Fiel		.cidity, hydrogen ion (H+) onductivity	N/A N/A	7.1	SU uS/cm		N/A N/A	SU uS/cm	N/A N/A	SU uS/cm	4500-H+B	Clackamas County-Water 0 Clackamas County-Water	
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Fiel		emperature, water	N/A		deg C		N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Gra		otal Dissolved Solids	N/A		mg/L			5.6 mg/L		6 mg/L	2540-C	Clackamas County-Water	
AC28970 AC28970	2022/02/15 07:40 2022/02/15 07:40	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28970:202202150740:SR Gra AC28970:202202150740:SR Gra		otal Suspended Solids otal Solids	N/A N/A		mg/L mg/L		1.	17 mg/L		/ mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC28970 AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740.5K Gra		otal volatile solids	N/A N/A		mg/L			5 mg/L 5 mg/L		5 mg/L 5 mg/L	2540-B	Clackamas County-Water	
AC28970	2022/02/15 07:40	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28970:202202150740:SR Gra		issolved Oxygen	N/A	11.5	mg/L		0.	02 mg/L	0.02	2 mg/L	4500-O-C	Clackamas County-Water	AC28970
AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Gra AC28971:202202150850:SR Gra		opper	7440-50-8		ug/L).1 ug/L		Lug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28971 AC28971	2022/02/15 08:50 2022/02/15 08:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28971:202202150850:SR Gra		ead inc	7439-92-1 7440-66-6	0.09 21.4			U.	01 ug/L 1 ug/L		L ug/L L ug/L		8 ALS Environmental Kelso	
AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Gra		opper, dissolved	7440-50-8	0.86	ug/L).1 ug/L	0.3	L ug/L		8 ALS Environmental Kelso	
AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Gra		ead, dissolved	7439-92-1	0.021			0.	02 ug/L		2 ug/L		8 ALS Environmental Kelso	
AC28971 AC28971	2022/02/15 08:50 2022/02/15 08:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28971:202202150850:SR Gra AC28971:202202150850:SR Gra		inc, dissolved . Coli	7440-66-6 68583-22-2		ug/L MPN/100ml			1 ug/L 1 MPN/100ml		L ug/L L MPN/100ml		8 ALS Environmental Kelso Clackamas County-Water	
AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Gra		otal Hardness	N/A		mg/l CaCO3		!	5.3 mg/l CaCO3		8 mg/l CaCO3	2340c	Clackamas County-Water	
AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Gra		mmonia-nitrogen	N/A		mg/L			01 mg/L		3 mg/L	4500-NH3 G	Clackamas County-Water	
AC28971 AC28971	2022/02/15 08:50 2022/02/15 08:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28971:202202150850:SR Gra AC28971:202202150850:SR Gra		litrate/Nitrite as N Prthophosphate	14797-55-8 14265-44-2		mg/L mg/L			25 mg/L 25 mg/L		5 mg/L 5 mg/L	4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Gra		hosphorus	7723-14-0		mg/L		N/A	mg/L		2 mg/L		3 ALS Environmental Kelso	
AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Gra		cidity, hydrogen ion (H+)	N/A	7.2			N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC28971 AC28971	2022/02/15 08:50 2022/02/15 08:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28971:202202150850:SR Fiel AC28971:202202150850:SR Fiel		onductivity emperature, water	N/A N/A		uS/cm deg C		N/A N/A	uS/cm deg C	N/A N/A	uS/cm deg C	2510 2550 B	0 Clackamas County-Water Clackamas County-Water	
AC28971 AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Fiel		otal Dissolved Solids	N/A		mg/L			5.6 mg/L		5 mg/L	2540-C	Clackamas County-Water	
AC28971	2022/02/15 08:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28971:202202150850:SR Gra		otal Suspended Solids	N/A		mg/L			17 mg/L		/ mg/L	2540-D	Clackamas County-Water	
AC28971 AC28971	2022/02/15 08:50 2022/02/15 08:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28971:202202150850:SR Gra AC28971:202202150850:SR Gra		otal Solids issolved Oxygen	N/A N/A		mg/L mg/L			5 mg/L 02 mg/L		5 mg/L 2 mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC28972	2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28972:202202150920:SR Gra	rab C	opper	7440-50-8	1.63	ug/L			0.1 ug/L	0.:	L ug/L	200.	8 ALS Environmental Kelso	AC28972
AC28972	2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28972:202202150920:SR Gra	rab Lo	ead	7439-92-1	0.131	ug/L		0.	01 ug/L	0.0	l ug/L		8 ALS Environmental Kelso	
AC28972 AC28972	2022/02/15 09:20 2022/02/15 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28972:202202150920:SR Gra AC28972:202202150920:SR Gra		inc opper, dissolved	7440-66-6 7440-50-8	29.9 1.17	-			1 ug/L).1 ug/L		L ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28972 AC28972	2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC28972:202202150920:SR Gra		ead, dissolved	7439-92-1	0.031				02 ug/L		2 ug/L		8 ALS Environmental Kelso	
AC28972	2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28972:202202150920:SR Gra	rab Z	inc, dissolved	7440-66-6	24.1	ug/L			1 ug/L		L ug/L	200.	8 ALS Environmental Kelso	AC28972
AC28972 AC28972	2022/02/15 09:20 2022/02/15 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28972:202202150920:SR Gra AC28972:202202150920:SR Gra		. Coli otal Hardness	68583-22-2 N/A		MPN/100ml mg/l CaCO3			1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml 8 mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC28972 AC28972	2022/02/15 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC28972:202202150920:SR Gra		otal Hardness mmonia-nitrogen	N/A N/A		mg/L			01 mg/L		8 mg/L mg/L	4500-NH3 G	Clackamas County-Water	
AC28972	2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28972:202202150920:SR Gra	rab N	litrate/Nitrite as N	14797-55-8	1.2	mg/L		0.06	25 mg/L	0.0625	i mg/L	4500-NO3(F)	Clackamas County-Water	AC28972
AC28972 AC28972	2022/02/15 09:20 2022/02/15 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28972:202202150920:SR Gra AC28972:202202150920:SR Gra		Prthophosphate hosphorus	14265-44-2 7723-14-0		mg/L mg/L		0.0 N/A	25 mg/L		5 mg/L 9 mg/l	4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC28972 AC28972	2022/02/15 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC28972:202202150920:SR Gra		nospnorus .cidity, hydrogen ion (H+)	N/A	7.5			N/A N/A	mg/L SU	N/A	2 mg/L SU	4500-H+B	Clackamas County-Water	
AC28972	2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28972:202202150920:SR Fiel	eld Meter C	onductivity	N/A	151.9	u\$/cm		N/A	uS/cm	N/A	uS/cm	251	0 Clackamas County-Water	AC28972
AC28972 AC28972	2022/02/15 09:20 2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine Sample-Routine	AC28972:202202150920:SR Fiel AC28972:202202150920:SR Fiel		emperature, water otal Dissolved Solids	N/A N/A		deg C mg/l		N/A	deg C	N/A	deg C	2550 B 2540-C	Clackamas County-Water	
AC28972 AC28972	2022/02/15 09:20 2022/02/15 09:20	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28972:202202150920:SR Fiel AC28972:202202150920:SR Gra		otal Dissolved Solids otal Suspended Solids	N/A N/A		mg/L mg/L			5.6 mg/L 17 mg/L		5 mg/L 7 mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC28972	2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28972:202202150920:SR Gra	rab T	otal Solids	N/A	93	mg/L			5 mg/L	5	5 mg/L	2540-B	Clackamas County-Water	AC28972
AC28972	2022/02/15 09:20	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28972:202202150920:SR Gra		issolved Oxygen	N/A		mg/L			02 mg/L		2 mg/L	4500-O-C	Clackamas County-Water	
AC28973 AC28973	2022/02/15 10:00 2022/02/15 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28973:202202151000:SR Gra AC28973:202202151000:SR Gra		opper ead	7440-50-8 7439-92-1	1.74 0.213	ug/L ug/L			0.1 ug/L 01 ug/L		L ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28973	2022/02/15 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Gra		inc	7440-66-6		ug/L			1 ug/L		L ug/L		8 ALS Environmental Kelso	
AC28973	2022/02/15 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Gra		opper, dissolved	7440-50-8	1.22).1 ug/L		L ug/L		8 ALS Environmental Kelso	
AC28973 AC28973	2022/02/15 10:00 2022/02/15 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28973:202202151000:SR Gra AC28973:202202151000:SR Gra		ead, dissolved inc, dissolved	7439-92-1 7440-66-6	0.051 32.8	ug/L ug/L		0.	02 ug/L 1 ug/L		2 ug/L L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
. (020375	2022/02/20 20.00	. 51 (1404-160)	Sanace Water	earright Houtine	AC2037 3.202202131000.3N GIR	4			52.0	······			- 49/ -			200.	, as charoninental kelso	

Monitoring Location	Activity Start Activity Start	Activity Start/End	Activity Media		Sample (collection				Detection Limit Detection L	imit Reporting Limit	Reporting Limit	Result Analytical		
ID	Date Time	Time Zone	Subdivision Name	Activity Type	Activity ID (Locked)	hod Characteristic Name	CAS Number	Result Value Result Ur	Le Qualifier	Value <u>Unit</u>	Value	Unit	Method ID	Laboratory Name	Lab Sample ID
AC28973	2022/02/15 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Grab	E. Coli	68583-22-2	68 MPN/100ml		1 MPN/100ml			COLILERT/2000	Clackamas County-Water	
AC28973 AC28973	2022/02/15 10:00 2022/02/15 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28973:202202151000:SR Grab AC28973:202202151000:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	56 mg/l CaCO3 <0.03 mg/L		5.3 mg/l CaCO3 0.01 mg/L	5.3		2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC28973	2022/02/15 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Grab	Nitrate/Nitrite as N	14797-55-8	<0.03 mg/L 0.91 mg/L		0.0625 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC28973	2022/02/15 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L		0.025 mg/L	0.025	mg/L	4500-P-F	Clackamas County-Water	
AC28973	2022/02/15 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Grab	Phosphorus	7723-14-0	0.04 mg/L 7.6 SU		N/A mg/L N/A SU	0.02 N/A			3 ALS Environmental Kelso	
AC28973 AC28973	2022/02/15 10:00 2022/02/15 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28973:202202151000:SR Grab AC28973:202202151000:SR Field Mete	Acidity, hydrogen ion (H+) Conductivity	N/A N/A	169.3 uS/cm		N/A uS/cm		uS/cm	4500-H+B 251	Clackamas County-Water 0 Clackamas County-Water	
AC28973	2022/02/15 10:00	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Field Mete	Temperature, water	N/A	9.3 deg C		N/A deg C			2550 B	Clackamas County-Water	
AC28973		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Field Mete	Total Dissolved Solids	N/A	100 mg/L		5.6 mg/L			2540-C	Clackamas County-Water	
AC28973 AC28973	2022/02/15 10:00 2022/02/15 10:00	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28973:202202151000:SR Grab AC28973:202202151000:SR Grab	Total Suspended Solids Total Solids	N/A N/A	2.2 mg/L 114 mg/L		1.17 mg/L 5 mg/L	1.17		2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC28973		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28973:202202151000:SR Grab	Dissolved Oxygen	N/A	11.2 mg/L		0.02 mg/L	0.02		4500-O-C	Clackamas County-Water	
AC28974	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Copper	7440-50-8	1.67 ug/L		0.1 ug/L	0.1			8 ALS Environmental Kelso	
AC28974 AC28974	2022/02/15 10:30 2022/02/15 10:30	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28974:202202151030:SR Grab AC28974:202202151030:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.897 ug/L 18.6 ug/L		0.01 ug/L 1 ug/L	0.01	ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28974	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Copper, dissolved	7440-50-8	0.86 ug/L		0.1 ug/L	0.1			8 ALS Environmental Kelso	
AC28974	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Lead, dissolved	7439-92-1	0.081 ug/L		0.02 ug/L	0.02			8 ALS Environmental Kelso	
AC28974 AC28974	2022/02/15 10:30 2022/02/15 10:30	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28974:202202151030:SR Grab AC28974:202202151030:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2	11.3 ug/L 248 MPN/100ml		1 ug/L 1 MPN/100ml		ug/L MPN/100ml	200.3 COLILERT/2000	8 ALS Environmental Kelso Clackamas County-Water	
AC28974 AC28974	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Total Hardness	N/A	73 mg/l CaCO3		5.3 mg/l CaCO3			2340c	Clackamas County-Water	
AC28974		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Ammonia-nitrogen	N/A	<0.03 mg/L		0.03 mg/L	0.03		4500-NH3 G	Clackamas County-Water	AC28974
AC28974	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Nitrate/Nitrite as N	14797-55-8	1.9 mg/L		0.0625 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC28974 AC28974	2022/02/15 10:30 2022/02/15 10:30	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28974:202202151030:SR Grab AC28974:202202151030:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.07 mg/L 0.16 mg/L		0.025 mg/L N/A mg/L	0.025		4500-P-F 365.1	Clackamas County-Water 3 ALS Environmental Kelso	
AC28974	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Acidity, hydrogen ion (H+)	N/A	7 SU		N/A SU			4500-H+B	Clackamas County-Water	
AC28974		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Field Mete	Conductivity	N/A	187.8 uS/cm		N/A uS/cm		uS/cm		0 Clackamas County-Water	
AC28974 AC28974	2022/02/15 10:30 2022/02/15 10:30	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28974:202202151030:SR Field Mete AC28974:202202151030:SR Field Mete	 Temperature, water Total Dissolved Solids 	N/A N/A	9.7 deg C 133 mg/L		N/A deg C 5.6 mg/L			2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC28974 AC28974	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Field Mete AC28974:202202151030:SR Grab	Total Suspended Solids	N/A N/A	22.5 mg/L		1.17 mg/L	1.17		2540-C 2540-D	Clackamas County-Water	
AC28974	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Total Solids	N/A	167 mg/L		5 mg/L	5	mg/L	2540-В	Clackamas County-Water	AC28974
AC28974 AC28975	2022/02/15 10:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28974:202202151030:SR Grab	Dissolved Oxygen	N/A	9.1 mg/L		0.02 mg/L	0.02		4500-O-C	Clackamas County-Water	
AC28975 AC28975	2022/02/15 10:50 2022/02/15 10:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28975:202202151050:SR Grab AC28975:202202151050:SR Grab	Copper Lead	7440-50-8 7439-92-1	2.52 ug/L 0.36 ug/L		0.1 ug/L 0.01 ug/L	0.1			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28975	2022/02/15 10:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:SR Grab	Zinc	7440-66-6	278 ug/L		1 ug/L		ug/L		8 ALS Environmental Kelso	
AC28975	2022/02/15 10:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:SR Grab	Copper, dissolved	7440-50-8	1.66 ug/L		0.1 ug/L	0.1			8 ALS Environmental Kelso	
AC28975 AC28975	2022/02/15 10:50 2022/02/15 10:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28975:202202151050:SR Grab AC28975:202202151050:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.103 ug/L 239 ug/L		0.02 ug/L 1 ug/L	0.02	ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28975	2022/02/15 10:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:SR Grab	E. Coli	68583-22-2	1410 MPN/100ml		1 MPN/100ml			COLILERT/2000	Clackamas County-Water	
AC28975	2022/02/15 10:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:SR Grab	Total Hardness	N/A	58 mg/l CaCO3		5.3 mg/l CaCO3			2340c	Clackamas County-Water	
AC28975 AC28975	2022/02/15 10:50 2022/02/15 10:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28975:202202151050:SR Grab AC28975:202202151050:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.03 mg/L 0.53 mg/L		0.01 mg/L 0.0625 mg/L	0.025		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC28975	2022/02/15 10:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:5K Grab	Orthophosphate	14265-44-2	<0.025 mg/L		0.025 mg/L	0.0825		4500-P-F	Clackamas County-Water	
AC28975	2022/02/15 10:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:SR Grab	Phosphorus	7723-14-0	0.08 mg/L		N/A mg/L	0.02	mg/L	365.	3 ALS Environmental Kelso	
AC28975	2022/02/15 10:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:SR Grab	Acidity, hydrogen ion (H+)	N/A	7.2 SU		N/A SU			4500-H+B	Clackamas County-Water	
AC28975 AC28975	2022/02/15 10:50 2022/02/15 10:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28975:202202151050:SR Field Mete AC28975:202202151050:SR Field Mete	 Conductivity Temperature, water 	N/A N/A	216 uS/cm 8.8 deg C		N/A uS/cm N/A deg C		uS/cm deg C	2510 2550 B	0 Clackamas County-Water Clackamas County-Water	
AC28975	2022/02/15 10:50	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:SR Field Mete	Total Dissolved Solids	N/A	90 mg/L		5.6 mg/L	,		2540-C	Clackamas County-Water	
AC28975		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28975:202202151050:SR Grab	Total Suspended Solids	N/A	6.8 mg/L		1.17 mg/L	1.17		2540-D	Clackamas County-Water	
AC28975 AC28975	2022/02/15 10:50 2022/02/15 10:50	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28975:202202151050:SR Grab AC28975:202202151050:SR Grab	Total Solids Dissolved Oxygen	N/A N/A	118 mg/L 9.8 mg/L		5 mg/L 0.02 mg/L	0.02		2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC28976		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202151050:3K Grab	Copper	7440-50-8	1.12 ug/L		0.1 ug/L	0.1			8 ALS Environmental Kelso	
AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Grab	Lead	7439-92-1	0.195 ug/L		0.01 ug/L	0.01			8 ALS Environmental Kelso	
AC28976 AC28976	2022/02/15 09:35 2022/02/15 09:35	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28976:202202150935:SR Grab AC28976:202202150935:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8	3.8 ug/L 0.85 ug/L		1 ug/L 0.1 ug/L	1	ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Grab	Lead, dissolved	7439-92-1	0.067 ug/L		0.02 ug/L	0.02			8 ALS Environmental Kelso	
AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Grab	Zinc, dissolved	7440-66-6	2.7 ug/L		1 ug/L		ug/L		8 ALS Environmental Kelso	
AC28976		PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Grab	E. Coli	68583-22-2	261 MPN/100ml		1 MPN/100ml			COLILERT/2000	Clackamas County-Water	
AC28976 AC28976	2022/02/15 09:35 2022/02/15 09:35	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28976:202202150935:SR Grab AC28976:202202150935:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	44 mg/l CaCO3 <0.03 mg/L		5.3 mg/l CaCO3 0.01 mg/L	0.025		2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Grab	Nitrate/Nitrite as N	14797-55-8	1 mg/L		0.0625 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L		0.025 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC28976 AC28976	2022/02/15 09:35 2022/02/15 09:35	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28976:202202150935:SR Grab AC28976:202202150935:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A	0.06 mg/L 7.8 SU		N/A mg/L N/A SU	0.02 N/A		365. 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Field Mete	Conductivity	N/A	139.6 uS/cm		N/A uS/cm		uS/cm		0 Clackamas County-Water	
AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Field Mete	Temperature, water	N/A	7.6 deg C		N/A deg C	N/A	deg C	2550 B	Clackamas County-Water	AC28976
AC28976 AC28976	2022/02/15 09:35 2022/02/15 09:35	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28976:202202150935:SR Field Mete AC28976:202202150935:SR Grab	 Total Dissolved Solids Total Suspended Solids 	N/A N/A	76 mg/L 3.3 mg/L		5.6 mg/L 1.17 mg/L	5.6		2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC28976 AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150955:5K Grab	Total Solids	N/A N/A	95 mg/L		5 mg/L			2540-D 2540-B	Clackamas County-Water	
AC28976	2022/02/15 09:35	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28976:202202150935:SR Grab	Dissolved Oxygen	N/A	11.6 mg/L		0.02 mg/L	0.02	mg/L	4500-O-C	Clackamas County-Water	AC28976
AC28977 AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Grab	Copper	7440-50-8	1.76 ug/L		0.1 ug/L	0.1			8 ALS Environmental Kelso	
AC28977 AC28977	2022/02/15 08:30 2022/02/15 08:30	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28977:202202150830:SR Grab AC28977:202202150830:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.144 ug/L 16.8 ug/L		0.01 ug/L 1 ug/L	0.01			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Grab	Copper, dissolved	7440-50-8	1.56 ug/L		0.1 ug/L	0.1	ug/L	200.	8 ALS Environmental Kelso	AC28977
AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Grab	Lead, dissolved	7439-92-1	0.031 ug/L		0.02 ug/L	0.02	ug/L		8 ALS Environmental Kelso	
AC28977 AC28977	2022/02/15 08:30 2022/02/15 08:30	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28977:202202150830:SR Grab AC28977:202202150830:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2	11 ug/L 53 MPN/100ml		1 ug/L 1 MPN/100ml		ug/L MPN/100ml		8 ALS Environmental Kelso Clackamas County-Water	
AC28977 AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150850:5K Grab	Total Hardness	N/A	98 mg/l CaCO3		5.3 mg/l CaCO3			2340c	Clackamas County-Water	
AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Grab	Ammonia-nitrogen	N/A	<0.03 mg/L		0.01 mg/L	0.025	mg/L	4500-NH3 G	Clackamas County-Water	AC28977
AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Grab	Nitrate/Nitrite as N	14797-55-8	0.12 mg/L		0.0625 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC28977 AC28977	2022/02/15 08:30 2022/02/15 08:30	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28977:202202150830:SR Grab AC28977:202202150830:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025 mg/L 0.05 mg/L		0.025 mg/L N/A mg/L	0.025		4500-P-F 365.:	Clackamas County-Water 3 ALS Environmental Kelso	
AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Grab	Acidity, hydrogen ion (H+)	N/A	7.4 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Water	AC28977
AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Field Mete	Conductivity	N/A	221 uS/cm		N/A uS/cm		uS/cm		0 Clackamas County-Water	
AC28977 AC28977	2022/02/15 08:30 2022/02/15 08:30	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28977:202202150830:SR Field Mete AC28977:202202150830:SR Field Mete	Temperature, water Total Dissolved Solids	N/A N/A	7.6 deg C 118 mg/L		N/A deg C 5.6 mg/L		-	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC28977 AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150850:5K Field Mete AC28977:202202150830:5R Grab	Total Suspended Solids	N/A N/A	2.4 mg/L		1.17 mg/L	1.17		2540-C 2540-D	Clackamas County-Water	
AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Grab	Total Solids	N/A	144 mg/L		5 mg/L	5	mg/L	2540-В	Clackamas County-Water	AC28977
AC28977	2022/02/15 08:30	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28977:202202150830:SR Grab	Dissolved Oxygen	N/A	9.2 mg/L		0.02 mg/L	0.02		4500-O-C	Clackamas County-Water	
AC28978 AC28978	2022/02/15 11:10 2022/02/15 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28978:202202151110:SR Grab AC28978:202202151110:SR Grab	Copper Lead	7440-50-8 7439-92-1	1.98 ug/L 0.255 ug/L		0.1 ug/L 0.01 ug/L	0.1			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110:SR Grab	Zinc	7440-66-6	61 ug/L		1 ug/L	1			8 ALS Environmental Kelso	
AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110:SR Grab	Copper, dissolved	7440-50-8	1.45 ug/L		0.1 ug/L	0.1	ug/L		8 ALS Environmental Kelso	
AC28978 AC28978	2022/02/15 11:10 2022/02/15 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28978:202202151110:SR Grab AC28978:202202151110:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	0.064 ug/L 45.8 ug/L		0.02 ug/L 1 ug/L	0.02			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC20370	2022/02/13 11.10	I ST (NOV-FED)	Surface Water	sample-houtine	AC20370.202202131110.3N GIdD	Zinc, dissolved	/ ++0-00-0	40.0 UB/L		T ug/L	1	чъ/ L	200.	G ALS LIVITONIHEIITAI KEISO	1020370

Monitoring Location	Activity Start Activity Start	t Activity Start/En	d Activity Media		Sample	e Collection			Result Measure	e Detection Lim	it Detection Lin	it Reporting Limit	Reporting Lim	it Result Analytical		
ID	Date Time	Time Zone	Subdivision Name	Activity Type	Activity ID (Locked)	ethod Characteristic Name	CAS Number	Result Value	Qualifier	Value	Unit	Value	<u>Unit</u>	Method ID	Laboratory Name	Lab Sample ID
AC28978 AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110:SR Grab	E. Coli	68583-22-2	1730 MPN			1 MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC28978 AC28978	2022/02/15 11:10 2022/02/15 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28978:202202151110:SR Grab AC28978:202202151110:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	61 mg/l <0.03 mg/L			5.3 mg/l CaCO3 .01 mg/L	0.025	mg/I CaCO3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110:SR Grab	Nitrate/Nitrite as N	14797-55-8	0.91 mg/L			525 mg/L	0.0625	mg/L	4500-NO3(F)	Clackamas County-Water	
AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110:SR Grab	Orthophosphate	14265-44-2	0.03 mg/L			025 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC28978 AC28978	2022/02/15 11:10 2022/02/15 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28978:202202151110:SR Grab AC28978:202202151110:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A	0.09 mg/L 7.6 SU		N/A N/A	mg/L SU		mg/L SU	365. 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110:SR Field Me		N/A	158.4 uS/cr		N/A	uS/cm		uS/cm		0 Clackamas County-Water	
AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110:SR Field Me	ter Temperature, water	N/A	9.2 deg 0		N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	AC28978
AC28978 AC28978	2022/02/15 11:10 2022/02/15 11:10	PST (~Nov-Feb) PST (~Nov-Feb)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC28978:202202151110:SR Field Me AC28978:202202151110:SR Grab	ter Total Dissolved Solids Total Suspended Solids	N/A N/A	106 mg/L			5.6 mg/L .17 mg/L		mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110.5K Grab	Total Solids	N/A	3.8 mg/L 128 mg/L		1	5 mg/L		mg/L mg/L	2540-B	Clackamas County-Water	
AC28978	2022/02/15 11:10	PST (~Nov-Feb)	Surface Water	Sample-Routine	AC28978:202202151110:SR Grab	Dissolved Oxygen	N/A	11.4 mg/L		0	.02 mg/L		mg/L	4500-O-C	Clackamas County-Water	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Grab AC30258:202203150840:SR Grab	Copper	7440-50-8	1.49 ug/L			0.1 ug/L		ug/L		8 ALS Environmental Kelso	
AC30258 AC30258	2022/03/15 08:40 2022/03/15 08:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30258:202203150840:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.361 ug/L 5.6 ug/L		0	.01 ug/L 1 ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Grab	Copper, dissolved	7440-50-8	1.02 ug/L			0.1 ug/L		ug/L		8 ALS Environmental Kelso	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Grab	Lead, dissolved	7439-92-1	0.113 ug/L		0	.02 ug/L		ug/L		8 ALS Environmental Kelso	
AC30258 AC30258	2022/03/15 08:40 2022/03/15 08:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30258:202203150840:SR Grab AC30258:202203150840:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2	5.5 ug/L 39 MPN			1 ug/L 1 MPN/100ml		ug/L MPN/100ml	200. COLILERT/2000	8 ALS Environmental Kelso Clackamas County-Water	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Grab	Total Hardness	N/A	32 mg/l			5.3 mg/l CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Grab	Ammonia-nitrogen	N/A	<0.0205 mg/L	/L	0	.01 mg/L		mg/L	4500-NH3 G	Clackamas County-Water	AC30258
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Grab	Nitrate/Nitrite as N	14797-55-8	0.82 mg/L			525 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC30258 AC30258	2022/03/15 08:40 2022/03/15 08:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30258:202203150840:SR Grab AC30258:202203150840:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	0.03 mg/L 0.07 mg/L		N/A	006 mg/L mg/L	0.006	mg/L mg/L	4500-P-F 365.	Clackamas County-Water 3 ALS Environmental Kelso	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Field Me		N/A	7 SU		N/A	SU		SU	4500-H+B	Clackamas County-Water	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Field Me	,	N/A	96.4 uS/cr		N/A	uS/cm		uS/cm		0 Clackamas County-Water	
AC30258 AC30258	2022/03/15 08:40 2022/03/15 08:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30258:202203150840:SR Field Me AC30258:202203150840:SR Grab	ter Temperature, water Total Dissolved Solids	N/A N/A	9.6 deg (75 mg/L		N/A	deg C 5.6 mg/L	N/A 5.6	deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:5K Grab	Total Suspended Solids	N/A	7.5 mg/L			.17 mg/L		mg/L	2540-C	Clackamas County-Water	
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Grab	Total Solids	N/A	111 mg/L	/L		5 mg/L	5	mg/L	2540-B	Clackamas County-Water	AC30258
AC30258	2022/03/15 08:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30258:202203150840:SR Grab	Total volatile solids	N/A	49 mg/L			5 mg/L		mg/L	2540-E	Clackamas County-Water	
AC30258 AC30259	2022/03/15 08:40 2022/03/15 09:22	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30258:202203150840:SR Grab AC30259:202203150922:SR Grab	Dissolved Oxygen Copper	N/A 7440-50-8	11.3 mg/L 1.38 ug/L			.02 mg/L 0.1 ug/L		mg/L ug/L	4500-O-C 200	Clackamas County-Water 8 ALS Environmental Kelso	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Grab	Lead	7439-92-1	0.163 ug/L			.01 ug/L		ug/L		8 ALS Environmental Kelso	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Grab	Zinc	7440-66-6	30.3 ug/L			1 ug/L		ug/L		8 ALS Environmental Kelso	
AC30259 AC30259	2022/03/15 09:22 2022/03/15 09:22	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30259:202203150922:SR Grab AC30259:202203150922:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	1.05 ug/L 0.037 ug/L			0.1 ug/L .02 ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Grab	Zinc, dissolved	7440-66-6	27.1 ug/L			1 ug/L		ug/L		8 ALS Environmental Kelso	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Grab	E. Coli	68583-22-2	179 MPN	N/100ml		1 MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	AC30259
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Grab	Total Hardness	N/A	78 mg/l			5.3 mg/l CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC30259 AC30259	2022/03/15 09:22 2022/03/15 09:22	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30259:202203150922:SR Grab AC30259:202203150922:SR Grab	Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.0205 mg/L 0.82 mg/L			.01 mg/L 525 mg/L	0.03	mg/L mg/l	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L			025 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Grab	Phosphorus	7723-14-0	0.03 mg/L		N/A	mg/L		mg/L		3 ALS Environmental Kelso	
AC30259 AC30259	2022/03/15 09:22 2022/03/15 09:22	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30259:202203150922:SR Grab AC30259:202203150922:SR Field Me	Acidity, hydrogen ion (H+) ter Conductivity	N/A N/A	6.5 SU 167.1 uS/cr		N/A N/A	SU uS/cm		SU uS/cm	4500-H+B	Clackamas County-Water 0 Clackamas County-Water	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Field Me		N/A N/A	107.1 d5/c1		N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Field Me		N/A	122 mg/L	/L		5.6 mg/L		mg/L	2540-C	Clackamas County-Water	
AC30259	2022/03/15 09:22	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30259:202203150922:SR Grab	Total Suspended Solids	N/A	2.4 mg/L		1	.17 mg/L		mg/L	2540-D	Clackamas County-Water	
AC30259 AC30259	2022/03/15 09:22 2022/03/15 09:22	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30259:202203150922:SR Grab AC30259:202203150922:SR Grab	Total Solids Dissolved Oxygen	N/A N/A	160 mg/L 10.5 mg/L		0	5 mg/L .02 mg/L		mg/L mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Grab	Copper	7440-50-8	1.91 ug/L			0.1 ug/L		ug/L		8 ALS Environmental Kelso	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Grab	Lead	7439-92-1	0.188 ug/L		0	.01 ug/L	0.01	ug/L		8 ALS Environmental Kelso	
AC30260 AC30260	2022/03/15 09:48 2022/03/15 09:48	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30260:202203150948:SR Grab AC30260:202203150948:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8	28.3 ug/L 1.58 ug/L			1 ug/L 0.1 ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Grab	Lead, dissolved	7439-92-1	0.068 ug/L			.02 ug/L	0.02			8 ALS Environmental Kelso	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Grab	Zinc, dissolved	7440-66-6	22.3 ug/L			1 ug/L	1	ug/L		8 ALS Environmental Kelso	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Grab	E. Coli	68583-22-2	179 MPN			1 MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC30260 AC30260	2022/03/15 09:48 2022/03/15 09:48	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30260:202203150948:SR Grab AC30260:202203150948:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	40 mg/l <0.0205 mg/L			5.3 mg/l CaCO3 .01 mg/L		mg/I CaCO3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Grab	Nitrate/Nitrite as N	14797-55-8	0.97 mg/L			525 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L			025 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC30260 AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine	AC30260:202203150948:SR Grab AC30260:202203150948:SR Grab	Phosphorus Acidity, bydrogon ion (H+)	7723-14-0 N/A	0.04 mg/L		N/A N/A	mg/L SU		mg/L SU	365. 4500-H+B	3 ALS Environmental Kelso	
AC30260 AC30260	2022/03/15 09:48 2022/03/15 09:48	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC30260:202203150948:SK Grab AC30260:202203150948:SR Field Me	Acidity, hydrogen ion (H+) ter Conductivity	N/A N/A	6.6 SU 93.7 uS/cr		N/A N/A	uS/cm		uS/cm		Clackamas County-Water 0 Clackamas County-Water	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Field Me	ter Temperature, water	N/A	10.3 deg 0	ς C	N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	AC30260
AC30260 AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Field Me		N/A N/A	71 mg/L			5.6 mg/L		mg/L mg/l	2540-C 2540-D	Clackamas County-Water	
AC30260 AC30260	2022/03/15 09:48 2022/03/15 09:48	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30260:202203150948:SR Grab AC30260:202203150948:SR Grab	Total Suspended Solids Total Solids	N/A N/A	4.4 mg/L 107 mg/L		1	.17 mg/L 5 mg/L		mg/L mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC30260	2022/03/15 09:48	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30260:202203150948:SR Grab	Dissolved Oxygen	N/A	11 mg/L	/L	0	.02 mg/L	0.02	mg/L	4500-O-C	Clackamas County-Water	
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Grab	Copper	7440-50-8	2.23 ug/L	'L		0.1 ug/L	0.1	ug/L		8 ALS Environmental Kelso	
AC30261 AC30261	2022/03/15 10:32 2022/03/15 10:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30261:202203151032:SR Grab AC30261:202203151032:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.384 ug/L 56.4 ug/L		0	.01 ug/L		ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC30261 AC30261	2022/03/15 10:32 2022/03/15 10:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC30261:202203151032:SR Grab AC30261:202203151032:SR Grab	Zinc Copper, dissolved	7440-50-8	56.4 ug/L 1.65 ug/L			1 ug/L 0.1 ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Grab	Lead, dissolved	7439-92-1	0.09 ug/L	'L		.02 ug/L		ug/L	200.	8 ALS Environmental Kelso	AC30261
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Grab	Zinc, dissolved	7440-66-6	44.5 ug/L			1 ug/L		ug/L		8 ALS Environmental Kelso	
AC30261 AC30261	2022/03/15 10:32 2022/03/15 10:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30261:202203151032:SR Grab AC30261:202203151032:SR Grab	E. Coli Total Hardness	68583-22-2 N/A	120 MPN 48 mg/l			1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Grab	Ammonia-nitrogen	N/A	<0.0205 mg/L			.01 mg/L	0.025		4500-NH3 G	Clackamas County-Water	
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Grab	Nitrate/Nitrite as N	14797-55-8	0.67 mg/L	/L	0.06	525 mg/L	0.0625	mg/L	4500-NO3(F)	Clackamas County-Water	AC30261
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Grab	Orthophosphate	14265-44-2	<0.025 mg/L			025 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC30261 AC30261	2022/03/15 10:32 2022/03/15 10:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30261:202203151032:SR Grab AC30261:202203151032:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A	0.04 mg/L 6.8 SU		N/A N/A	mg/L SU		mg/L SU	365. 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Field Me		N/A	121.9 uS/cr		N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Field Me		N/A	10.4 deg 0		N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC30261 AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC30261:202203151032:SR Field Me AC30261:202203151032:SR Grab		N/A N/A	84 mg/L 4 mg/l			5.6 mg/L 17 mg/l		mg/L mg/l	2540-C 2540-D	Clackamas County-Water	
AC30261 AC30261	2022/03/15 10:32 2022/03/15 10:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30261:202203151032:SR Grab AC30261:202203151032:SR Grab	Total Suspended Solids Total Solids	N/A N/A	4 mg/L 120 mg/L		1	.17 mg/L 5 mg/L		mg/L mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC30261	2022/03/15 10:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30261:202203151032:SR Grab	Dissolved Oxygen	N/A	11.1 mg/l	/L	0	.02 mg/L	0.02	mg/L	4500-O-C	Clackamas County-Water	AC30261
AC30262	2022/03/15 11:03	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SR Grab	Copper	7440-50-8	1.57 ug/L			0.1 ug/L		ug/L		8 ALS Environmental Kelso	
AC30262 AC30262	2022/03/15 11:03 2022/03/15 11:03	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30262:202203151103:SR Grab AC30262:202203151103:SR Grab	Lead Zinc	7439-92-1 7440-66-6	0.286 ug/L 29.6 ug/L		0	.01 ug/L		ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC30262 AC30262	2022/03/15 11:03	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SK Grab	Copper, dissolved	7440-50-8	29.6 ug/L 1.26 ug/L			1 ug/L 0.1 ug/L		ug/L ug/L		8 ALS Environmental Kelso	
AC30262	2022/03/15 11:03	PDT (~Mar-Oct)		Sample-Routine	AC30262:202203151103:SR Grab	Lead, dissolved	7439-92-1	0.071 ug/L			.02 ug/L		ug/L		8 ALS Environmental Kelso	
AC3U262	2022/03/15 11:03	ישיו ("Iviar-Oct)	Surrace Water	Sample-Routine	AC50262:202203151103:SK Grab	Lead, dissolved	/453-32-1	0.0/1 ug/L	L	0	.oz ug/L	0.02	ug/L	200.	o ALS Environmental Kelso	AC302

Monitoring Location	Activity Start Activity Start	Activity Start/End		Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure	Detection Limit		Reporting Limit			Laboratory Name	Lab Sample ID
AC30262	Date Time 2022/03/15 11:03	PDT (~Mar-Oct)	Subdivision Name Surface Water	Sample-Routine	AC30262:202203151103:SR	Grab	Zinc, dissolved	7440-66-6	23	3.3 ug/L	Qualifier	Value 1	Unit ug/L	Value 1	Unit L ug/L	Method ID 200.8	ALS Environmental Kelso	AC30262
AC30262	2022/03/15 11:03	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SR		E. Coli	68583-22-2		60 MPN/100ml			MPN/100ml	1	L MPN/100ml		Clackamas County-Water	
AC30262 AC30262	2022/03/15 11:03 2022/03/15 11:03	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30262:202203151103:SR AC30262:202203151103:SR		Total Hardness Ammonia-nitrogen	N/A N/A		58 mg/l CaCO3 03 mg/L		5.3 0.03	mg/I CaCO3		3 mg/I CaCO3 3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC30262	2022/03/15 11:03	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SR		Nitrate/Nitrite as N	14797-55-8		1.7 mg/L		0.0625		0.0625			Clackamas County-Water	
AC30262	2022/03/15 11:03	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SR		Orthophosphate	14265-44-2	0.	05 mg/L		0.025		0.025	5 mg/L	4500-P-F	Clackamas County-Water	AC30262
AC30262 AC30262	2022/03/15 11:03	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SR		Phosphorus	7723-14-0		D.1 mg/L			mg/L N		2 mg/L		ALS Environmental Kelso	
AC30262 AC30262	2022/03/15 11:03 2022/03/15 11:03	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30262:202203151103:SR AC30262:202203151103:SR		Acidity, hydrogen ion (H+) Conductivity	N/A N/A		5.5 SU 7.7 uS/cm				/A /A	SU uS/cm		Clackamas County-Water Clackamas County-Water	
AC30262	2022/03/15 11:03	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SR		Temperature, water	N/A		11 deg C				/A	deg C		Clackamas County-Water	
AC30262	2022/03/15 11:03	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SR		Total Dissolved Solids	N/A		85 mg/L		5.6			5 mg/L		Clackamas County-Water	
AC30262 AC30262	2022/03/15 11:03 2022/03/15 11:03	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30262:202203151103:SR AC30262:202203151103:SR		Total Suspended Solids Total Solids	N/A N/A		4.8 mg/L 49 mg/L		1.17	mg/L mg/L		7 mg/L 5 mg/L		Clackamas County-Water Clackamas County-Water	
AC30262		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30262:202203151103:SR		Dissolved Oxygen	N/A		9.7 mg/L		0.02			2 mg/L		Clackamas County-Water	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Copper	7440-50-8		42 ug/L		0.1			L ug/L		ALS Environmental Kelso	
AC30263 AC30263	2022/03/15 11:18 2022/03/15 11:18	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30263:202203151118:SR AC30263:202203151118:SR		Lead Zinc	7439-92-1 7440-66-6		47 ug/L 8.9 ug/L		0.01	ug/L ug/L		L ug/L L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Copper, dissolved	7440-50-8		63 ug/L		0.1			L ug/L		ALS Environmental Kelso	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Lead, dissolved	7439-92-1		.04 ug/L		0.02			2 ug/L		ALS Environmental Kelso	
AC30263 AC30263	2022/03/15 11:18 2022/03/15 11:18	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30263:202203151118:SR AC30263:202203151118:SR		Zinc, dissolved E. Coli	7440-66-6 68583-22-2		22 ug/L 30 MPN/100ml			ug/L MPN/100ml		L ug/L L MPN/100ml		ALS Environmental Kelso Clackamas County-Water	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Total Hardness	N/A		47 mg/l CaCO3			mg/I CaCO3		3 mg/l CaCO3	2340c	Clackamas County-Water	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Ammonia-nitrogen	N/A	<0.0205	mg/L		0.01		0.025	5 mg/L	4500-NH3 G	Clackamas County-Water	AC30263
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Nitrate/Nitrite as N	14797-55-8		48 mg/L		0.0625		0.0625			Clackamas County-Water	
AC30263 AC30263	2022/03/15 11:18 2022/03/15 11:18	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30263:202203151118:SR AC30263:202203151118:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	mg/L 05 mg/L		0.025 N/A	mg/L mg/L		5 mg/L 2 mg/L		Clackamas County-Water ALS Environmental Kelso	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Acidity, hydrogen ion (H+)	N/A		5.6 SU		N/A	SU N	/A	SU		Clackamas County-Water	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Conductivity	N/A		4.7 uS/cm				/A	uS/cm		Clackamas County-Water	
AC30263 AC30263	2022/03/15 11:18 2022/03/15 11:18	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30263:202203151118:SR AC30263:202203151118:SR		Temperature, water Total Dissolved Solids	N/A N/A		0.5 deg C .06 mg/L		N/A 5.6		/A 5.6	deg C 5 mg/L		Clackamas County-Water Clackamas County-Water	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Total Suspended Solids	N/A		5.4 mg/L		1.17			/ mg/L		Clackamas County-Water	
AC30263	2022/03/15 11:18	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30263:202203151118:SR		Total Solids	N/A		17 mg/L		5	mg/L		i mg/L		Clackamas County-Water	
AC30263 AC30264	2022/03/15 11:18 2022/03/15 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30263:202203151118:SR AC30264:202203151010:SR		Dissolved Oxygen Copper	N/A 7440-50-8		0.3 mg/L 41 ug/L		0.02			? mg/L L ug/L		Clackamas County-Water ALS Environmental Kelso	
AC30264 AC30264	2022/03/15 10:10	PDT (*Mar-Oct) PDT (*Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR		Lead	7439-92-1		26 ug/L		0.01			L ug/L		ALS Environmental Kelso	
AC30264	2022/03/15 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR	Grab	Zinc	7440-66-6		7.4 ug/L		1	ug/L	1	l ug/L		ALS Environmental Kelso	
AC30264 AC30264	2022/03/15 10:10 2022/03/15 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30264:202203151010:SR AC30264:202203151010:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1		92 ug/L 166 ug/L		0.1			L ug/L 2 ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC30264		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:5K		Zinc, dissolved	7440-66-6		4 ug/L		0.02	ug/L		Lug/L		ALS Environmental Kelso	
AC30264	2022/03/15 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR	Grab	E. Coli	68583-22-2		80 MPN/100ml			MPN/100ml		MPN/100ml		Clackamas County-Water	
AC30264 AC30264	2022/03/15 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR		Total Hardness	N/A N/A	<0.0205	35 mg/l CaCO3			mg/I CaCO3		8 mg/I CaCO3 5 mg/L	2340c 4500-NH3 G	Clackamas County-Water	
AC30264 AC30264	2022/03/15 10:10 2022/03/15 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30264:202203151010:SR AC30264:202203151010:SR		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8		mg/L 99 mg/L		0.01			5 mg/L 5 mg/L		Clackamas County-Water Clackamas County-Water	
AC30264	2022/03/15 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR		Orthophosphate	14265-44-2	<0.025	mg/L		0.025			5 mg/L		Clackamas County-Water	
AC30264		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR		Phosphorus	7723-14-0		06 mg/L			mg/L		2 mg/L		ALS Environmental Kelso	
AC30264 AC30264	2022/03/15 10:10 2022/03/15 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30264:202203151010:SR AC30264:202203151010:SR		Acidity, hydrogen ion (H+) Conductivity	N/A N/A		7 SU 5.3 uS/cm				/A /A	SU uS/cm	4500-H+B 2510	Clackamas County-Water Clackamas County-Water	
AC30264	2022/03/15 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR		Temperature, water	N/A		9.5 deg C				/A	deg C		Clackamas County-Water	
AC30264	2022/03/15 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR		Total Dissolved Solids	N/A		66 mg/L		5.6			õ mg/L		Clackamas County-Water	
AC30264 AC30264	2022/03/15 10:10 2022/03/15 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30264:202203151010:SR AC30264:202203151010:SR		Total Suspended Solids Total Solids	N/A N/A		41 mg/L 28 mg/L		1.17	mg/L mg/L		7 mg/L 5 mg/L		Clackamas County-Water Clackamas County-Water	
AC30264		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30264:202203151010:SR		Dissolved Oxygen	N/A		1.3 mg/L		0.02			2 mg/L		Clackamas County-Water	
AC30265	2022/03/15 09:08	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR		Copper	7440-50-8		35 ug/L		0.1			L ug/L		ALS Environmental Kelso	
AC30265 AC30265	2022/03/15 09:08	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR AC30265:202203150908:SR		Lead	7439-92-1 7440-66-6		12 ug/L		0.01			Lug/L		ALS Environmental Kelso	
AC30265	2022/03/15 09:08 2022/03/15 09:08	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30265:202203150908:SR		Zinc Copper, dissolved	7440-50-8		7.8 ug/L 56 ug/L		0.1	ug/L ug/L		L ug/L L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC30265	2022/03/15 09:08	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR		Lead, dissolved	7439-92-1	0.0	56 ug/L		0.02			2 ug/L		ALS Environmental Kelso	
AC30265 AC30265		PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30265:202203150908:SR AC30265:202203150908:SR		Zinc, dissolved E. Coli	7440-66-6 68583-22-2		1.7 ug/L 80 MPN/100ml			ug/L MPN/100ml		L ug/L L MPN/100ml		ALS Environmental Kelso	
AC30265 AC30265	2022/03/15 09:08 2022/03/15 09:08	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30265:202203150908:SR AC30265:202203150908:SR		E. Coll Total Hardness	68583-22-2 N/A		47 mg/l CaCO3			mg/l CaCO3		3 mg/l CaCO3	2340c	Clackamas County-Water Clackamas County-Water	
AC30265	2022/03/15 09:08	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR	Grab	Ammonia-nitrogen	N/A		22 mg/L		0.01	mg/L		i mg/L		Clackamas County-Water	AC30265
AC30265	2022/03/15 09:08	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR		Nitrate/Nitrite as N	14797-55-8		19 mg/L		0.0625		0.0625			Clackamas County-Water	
AC30265 AC30265	2022/03/15 09:08 2022/03/15 09:08	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30265:202203150908:SR AC30265:202203150908:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	mg/L 04 mg/L		0.025 N/A	mg/L mg/L		5 mg/L 2 mg/L	4500-P-F 365.3	Clackamas County-Water ALS Environmental Kelso	
AC30265	2022/03/15 09:08	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR		Acidity, hydrogen ion (H+)	N/A		5.4 SU		N/A	SU N		SU		Clackamas County-Water	
AC30265	2022/03/15 09:08	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR		Conductivity	N/A		04 uS/cm				/A	uS/cm		Clackamas County-Water	
AC30265 AC30265	2022/03/15 09:08 2022/03/15 09:08	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30265:202203150908:SR AC30265:202203150908:SR		Temperature, water Total Dissolved Solids	N/A N/A		10 deg C 68 mg/L		N/A 5.6	-	/A 5.6	deg C 5 mg/L		Clackamas County-Water Clackamas County-Water	
AC30265		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR	Grab	Total Suspended Solids	N/A		5.4 mg/L		1.17			7 mg/L		Clackamas County-Water	
AC30265		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30265:202203150908:SR		Total Solids	N/A		95 mg/L		5	mg/L	5	i mg/L		Clackamas County-Water	
AC30265 AC30266	2022/03/15 09:08 2022/03/15 11:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30265:202203150908:SR AC30266:202203151140:SR		Dissolved Oxygen Copper	N/A 7440-50-8		9.8 mg/L 12 ug/L		0.02			2 mg/L L ug/L		Clackamas County-Water ALS Environmental Kelso	
AC30266	2022/03/15 11:40	PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140:SR		Lead	7439-92-1		08 ug/L		0.01			L ug/L		ALS Environmental Kelso	
AC30266	2022/03/15 11:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140:SR	Grab	Zinc	7440-66-6	20	5.9 ug/L		1	ug/L	1	L ug/L		ALS Environmental Kelso	
AC30266 AC30266		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30266:202203151140:SR AC30266:202203151140:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1		49 ug/L 197 ug/L		0.1			L ug/L 2 ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC30266		PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140.5K		Zinc, dissolved	7440-66-6		7.3 ug/L			ug/L		Lug/L		ALS Environmental Kelso	
AC30266	2022/03/15 11:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140:SR	Grab	E. Coli	68583-22-2		10 MPN/100ml			MPN/100ml		L MPN/100ml		Clackamas County-Water	
AC30266	2022/03/15 11:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140:SR		Total Hardness	N/A		51 mg/l CaCO3			mg/I CaCO3		8 mg/l CaCO3	2340c	Clackamas County-Water	
AC30266 AC30266		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30266:202203151140:SR AC30266:202203151140:SR		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.0205	mg/L 66 mg/L		0.01		0.025	5 mg/L 5 mg/L		Clackamas County-Water Clackamas County-Water	
AC30266	2022/03/15 11:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140:SR		Orthophosphate	14265-44-2	<0.025	mg/L		0.025			5 mg/L		Clackamas County-Water	
AC30266		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140:SR		Phosphorus	7723-14-0		07 mg/L		N/A	mg/L		2 mg/L		ALS Environmental Kelso	
AC30266 AC30266	2022/03/15 11:40 2022/03/15 11:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30266:202203151140:SR AC30266:202203151140:SR		Acidity, hydrogen ion (H+) Conductivity	N/A N/A		5.8 SU 2.9 uS/cm				/A /A	SU uS/cm		Clackamas County-Water Clackamas County-Water	
AC30266	2022/03/15 11:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC30266:202203151140:SR AC30266:202203151140:SR		Temperature, water	N/A N/A		2.9 us/cm 1.2 deg C				/A /A	deg C		Clackamas County-Water	
AC30266	2022/03/15 11:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140:SR	Field Meter	Total Dissolved Solids	N/A		82 mg/L		5.6	mg/L	5.6	5 mg/L	2540-C	Clackamas County-Water	AC30266
AC30266 AC30266		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC30266:202203151140:SR		Total Suspended Solids	N/A		32 mg/L		1.17			/ mg/L		Clackamas County-Water	
AC30266 AC30266	2022/03/15 11:40 2022/03/15 11:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC30266:202203151140:SR AC30266:202203151140:SR		Total Solids Dissolved Oxygen	N/A N/A		23 mg/L D.7 mg/L		0.02	mg/L mg/L		5 mg/L 2 mg/L		Clackamas County-Water Clackamas County-Water	
AC31379	2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR		Copper	7440-50-8	0.	87 ug/L		0.1	ug/L	0.1	L ug/L	200.8	ALS Environmental Kelso	AC31379
AC31379	2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR		Lead	7439-92-1		.65 ug/L		0.01			L ug/L		ALS Environmental Kelso	
AC31379 AC31379	2022/04/07 08:20 2022/04/07 08:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31379:202204070820:SR AC31379:202204070820:SR		Zinc Copper, dissolved	7440-66-6 7440-50-8		3.5 ug/L 59 ug/L		0.1			L ug/L L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC31379		PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR		Lead, dissolved	7439-92-1	<0.020	ug/L		0.02			2 ug/L		ALS Environmental Kelso	

Monitoring Location	Activity Start Activity Start	Activity Start/End	Activity Media Subdivision Name	Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure Oualifier	Detection Li Value	nit <u>Detection Limi</u> <u>Unit</u>	t Reporting Limi Value	t <u>Reporting Limit</u>	Result Analytical Method ID	Laboratory Name	Lab Sample ID
AC31379	2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR	Grab	Zinc, dissolved	7440-66-6	<2.0	ug/L			1 ug/L		1 ug/L	200.8	8 ALS Environmental Kelso	AC31379
AC31379 AC31379	2022/04/07 08:20 2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine	AC31379:202204070820:SR AC31379:202204070820:SR		E. Coli Total Hardness	68583-22-2 N/A		52 MPN/100ml			1 MPN/100ml		1 MPN/100ml .3 mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC31379 AC31379	2022/04/07 08:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC31379:202204070820:SR		Ammonia-nitrogen	N/A N/A	<0.0205	38 mg/l CaCO3 mg/L			5.3 mg/l CaCO3 0.01 mg/L		3 mg/L	4500-NH3 G	Clackamas County-Water	
AC31379	2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR		Nitrate/Nitrite as N	14797-55-8		0.86 mg/L			0625 mg/L		25 mg/L	4500-NO3(F)	Clackamas County-Water	
AC31379 AC31379	2022/04/07 08:20 2022/04/07 08:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31379:202204070820:SR AC31379:202204070820:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	mg/L 0.05 mg/L		0 N/A	.006 mg/L mg/L		06 mg/L 02 mg/L	4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC31379	2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR		Acidity, hydrogen ion (H+)	N/A		7.1 SU		N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC31379	2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR		Conductivity	N/A		10.4 uS/cm		N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	
AC31379 AC31379	2022/04/07 08:20 2022/04/07 08:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31379:202204070820:SR AC31379:202204070820:SR		Temperature, water Total Dissolved Solids	N/A N/A		8.3 deg C 79 mg/L		N/A	deg C 5.6 mg/L	N/A 5	deg C .6 mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC31379	2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR		Total Suspended Solids	N/A		2.7 mg/L			1.17 mg/L		17 mg/L	2540-D	Clackamas County-Water	
AC31379 AC31379	2022/04/07 08:20 2022/04/07 08:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31379:202204070820:SR AC31379:202204070820:SR		Total Solids Total volatile solids	N/A N/A		108 mg/L 49 mg/L			5 mg/L 5 mg/L		5 mg/L 5 mg/L	2540-B 2540-F	Clackamas County-Water Clackamas County-Water	
AC31379	2022/04/07 08:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31379:202204070820:SR		Dissolved Oxygen	N/A N/A		10.9 mg/L			0.02 mg/L		D2 mg/L	4500-O-C	Clackamas County-Water	
AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR		Copper	7440-50-8		0.61 ug/L			0.1 ug/L		.1 ug/L		8 ALS Environmental Kelso	
AC31380 AC31380	2022/04/07 09:30 2022/04/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31380:202204070930:SR AC31380:202204070930:SR		Lead Zinc	7439-92-1 7440-66-6		.053 ug/L 13.7 ug/L			0.01 ug/L 1 ug/L)1 ug/L 1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR		Copper, dissolved	7440-50-8		0.65 ug/L			0.1 ug/L		.1 ug/L		8 ALS Environmental Kelso	
AC31380 AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	<0.020	ug/L			0.02 ug/L)2 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31380 AC31380	2022/04/07 09:30 2022/04/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31380:202204070930:SR AC31380:202204070930:SR		E. Coli	68583-22-2		12.7 ug/L 18 MPN/100ml			1 ug/L 1 MPN/100ml		1 ug/L 1 MPN/100ml		Clackamas County-Water	
AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR		Total Hardness	N/A		110 mg/l CaCO3			5.3 mg/l CaCO3	5	.3 mg/l CaCO3	2340c	Clackamas County-Water	AC31380
AC31380 AC31380	2022/04/07 09:30 2022/04/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31380:202204070930:SR AC31380:202204070930:SR		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.0205	mg/L 0.92 mg/L			0.01 mg/L 0625 mg/L		03 mg/L 25 mg/L	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR		Orthophosphate	14265-44-2	<0.025	mg/L			.025 mg/L		25 mg/L	4500-P-F	Clackamas County-Water	
AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR		Phosphorus	7723-14-0		0.02 mg/L		N/A	mg/L	0.0)2 mg/L		3 ALS Environmental Kelso	
AC31380 AC31380	2022/04/07 09:30 2022/04/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31380:202204070930:SR AC31380:202204070930:SR		Acidity, hydrogen ion (H+) Conductivity	N/A N/A		7.4 SU 270 uS/cm		N/A N/A	SU uS/cm	N/A N/A	SU uS/cm	4500-H+B 2510	Clackamas County-Water O Clackamas County-Water	
AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR	Field Meter	Temperature, water	N/A		11.2 deg C		N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	AC31380
AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR		Total Dissolved Solids	N/A N/A		154 mg/L			5.6 mg/L		.6 mg/L	2540-C	Clackamas County-Water	
AC31380 AC31380	2022/04/07 09:30 2022/04/07 09:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31380:202204070930:SR AC31380:202204070930:SR		Total Suspended Solids Total Solids	N/A N/A		2.3 mg/L 199 mg/L			1.17 mg/L 5 mg/L		l7 mg/L 5 mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC31380	2022/04/07 09:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31380:202204070930:SR	Grab	Dissolved Oxygen	N/A		11.2 mg/L			0.02 mg/L	0.0)2 mg/L	4500-O-C	Clackamas County-Water	AC31380
AC31381 AC31381	2022/04/07 10:10 2022/04/07 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31381:202204071010:SR AC31381:202204071010:SR		Copper Lead	7440-50-8 7439-92-1		1.09 ug/L .071 ug/L			0.1 ug/L 0.01 ug/L		.1 ug/L)1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31381	2022/04/07 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31381:202204071010:SR		Zinc	7440-66-6		24.8 ug/L			1 ug/L		1 ug/L		8 ALS Environmental Kelso	
AC31381	2022/04/07 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31381:202204071010:SR		Copper, dissolved	7440-50-8		0.79 ug/L			0.1 ug/L		.1 ug/L		8 ALS Environmental Kelso	
AC31381 AC31381	2022/04/07 10:10 2022/04/07 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31381:202204071010:SR AC31381:202204071010:SR		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	<0.020	ug/L 17.8 ug/L			0.02 ug/L 1 ug/L)2 ug/L 1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31381	2022/04/07 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31381:202204071010:SR		E. Coli	68583-22-2		49 MPN/100ml			1 MPN/100ml		1 MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC31381 AC31381	2022/04/07 10:10 2022/04/07 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC31381:202204071010:SR		Total Hardness	N/A N/A	<0.0205	59 mg/l CaCO3			5.3 mg/l CaCO3 0.01 mg/L		.3 mg/l CaCO3)3 mg/L	2340c 4500-NH3 G	Clackamas County-Water	
AC31381	2022/04/07 10:10	PDT (*Mar-Oct)	Surface Water Surface Water	Sample-Routine	AC31381:202204071010:SR AC31381:202204071010:SR		Ammonia-nitrogen Nitrate/Nitrite as N	14797-55-8	<0.0205	mg/L 1.5 mg/L			0.01 mg/L 0625 mg/L		25 mg/L	4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC31381	2022/04/07 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31381:202204071010:SR	Grab	Orthophosphate	14265-44-2	<0.025	mg/L		0	.025 mg/L	0.02	25 mg/L	4500-P-F	Clackamas County-Water	AC31381
AC31381 AC31381	2022/04/07 10:10 2022/04/07 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31381:202204071010:SR AC31381:202204071010:SR		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		0.03 mg/L 7.8 SU		N/A N/A	mg/L SU	0.0 N/A	02 mg/L SU	365.3 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC31381	2022/04/07 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31381:202204071010:SR		Conductivity	N/A		49.1 uS/cm		N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	
AC31381	2022/04/07 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31381:202204071010:SR		Temperature, water	N/A		11.2 deg C		N/A	deg C	N/A	deg C	2550 B	Clackamas County-Water	
AC31381 AC31381	2022/04/07 10:10 2022/04/07 10:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31381:202204071010:SR AC31381:202204071010:SR		Total Dissolved Solids Total Suspended Solids	N/A N/A		96 mg/L 3.3 mg/L			5.6 mg/L 1.17 mg/L		.6 mg/L L7 mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC31381	2022/04/07 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31381:202204071010:SR		Total Solids	N/A		132 mg/L			5 mg/L		5 mg/L	2540-B	Clackamas County-Water	
AC31381	2022/04/07 10:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31381:202204071010:SR		Dissolved Oxygen	N/A		10.9 mg/L			0.02 mg/L		02 mg/L	4500-O-C	Clackamas County-Water	
AC31382 AC31382	2022/04/07 11:10 2022/04/07 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31382:202204071110:SR AC31382:202204071110:SR		Copper Lead	7440-50-8 7439-92-1		1.2 ug/L .073 ug/L			0.1 ug/L 0.01 ug/L		.1 ug/L)1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31382	2022/04/07 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31382:202204071110:SR	Grab	Zinc	7440-66-6		59.9 ug/L			1 ug/L		1 ug/L	200.8	B ALS Environmental Kelso	AC31382
AC31382 AC31382	2022/04/07 11:10 2022/04/07 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31382:202204071110:SR AC31382:202204071110:SR		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	<0.020	0.83 ug/L ug/L			0.1 ug/L 0.02 ug/L		.1 ug/L)2 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31382	2022/04/07 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31382:202204071110:SR		Zinc, dissolved	7440-66-6		52.2 ug/L			1 ug/L		1 ug/L		8 ALS Environmental Kelso	
AC31382	2022/04/07 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31382:202204071110:SR		E. Coli	68583-22-2		131 MPN/100ml			1 MPN/100ml		1 MPN/100ml		Clackamas County-Water	
AC31382 AC31382	2022/04/07 11:10 2022/04/07 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31382:202204071110:SR AC31382:202204071110:SR		Total Hardness Ammonia-nitrogen	N/A N/A	<0.0205	66 mg/l CaCO3 mg/L			5.3 mg/l CaCO3 0.01 mg/L		.3 mg/l CaCO3 25 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC31382	2022/04/07 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31382:202204071110:SR		Nitrate/Nitrite as N	14797-55-8		0.82 mg/L			0625 mg/L		25 mg/L	4500-NO3(F)	Clackamas County-Water	
AC31382	2022/04/07 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31382:202204071110:SR		Orthophosphate	14265-44-2	<0.025	mg/L			.025 mg/L		25 mg/L	4500-P-F	Clackamas County-Water	
AC31382 AC31382	2022/04/07 11:10 2022/04/07 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31382:202204071110:SR AC31382:202204071110:SR		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		0.03 mg/L 7.6 SU		N/A N/A	mg/L SU	N/A	02 mg/L SU	4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC31382	2022/04/07 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31382:202204071110:SR		Conductivity	N/A		204 uS/cm		N/A	uS/cm	N/A	uS/cm		0 Clackamas County-Water	
AC31382 AC31382	2022/04/07 11:10 2022/04/07 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31382:202204071110:SR AC31382:202204071110:SR		Temperature, water Total Dissolved Solids	N/A N/A		11.6 deg C 109 mg/L		N/A	deg C 5.6 mg/L	N/A 5	deg C .6 mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC31382	2022/04/07 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31382:202204071110:SR	Grab	Total Suspended Solids	N/A	<1.2	mg/L			1.17 mg/L	1.1	l7 mg/L	2540-D	Clackamas County-Water	AC31382
AC31382	2022/04/07 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31382:202204071110:SR		Total Solids	N/A N/A		140 mg/L			5 mg/L		5 mg/L	2540-B 4500-O-C	Clackamas County-Water	
AC31382 AC31383	2022/04/07 11:10 2022/04/07 11:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31382:202204071110:SR AC31383:202204071130:SR		Dissolved Oxygen Copper	N/A 7440-50-8		10.7 mg/L 0.92 ug/L			0.02 mg/L 0.1 ug/L)2 mg/L .1 ug/L		Clackamas County-Water 8 ALS Environmental Kelso	
AC31383	2022/04/07 11:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31383:202204071130:SR	Grab	Lead	7439-92-1	0	.163 ug/L			0.01 ug/L	0.0	01 ug/L	200.8	B ALS Environmental Kelso	AC31383
AC31383 AC31383	2022/04/07 11:30 2022/04/07 11:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31383:202204071130:SR AC31383:202204071130:SR		Zinc Copper, dissolved	7440-66-6 7440-50-8		11.4 ug/L 0.68 ug/L			1 ug/L 0.1 ug/L		1 ug/L .1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31383	2022/04/07 11:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31383:202204071130:SR		Lead, dissolved	7439-92-1		.039 ug/L			0.02 ug/L		.1 ug/L)2 ug/L		8 ALS Environmental Kelso	
AC31383	2022/04/07 11:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31383:202204071130:SR		Zinc, dissolved	7440-66-6		9.7 ug/L			1 ug/L		1 ug/L 1 MPN/100		8 ALS Environmental Kelso	
AC31383 AC31383	2022/04/07 11:30 2022/04/07 11:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31383:202204071130:SR AC31383:202204071130:SR		E. Coli Total Hardness	68583-22-2 N/A		80 MPN/100ml 80 mg/l CaCO3			1 MPN/100ml 5.3 mg/l CaCO3		1 MPN/100ml .3 mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC31383	2022/04/07 11:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31383:202204071130:SR		Ammonia-nitrogen	N/A	<0.0205	mg/L			0.03 mg/L	0.0	03 mg/L	4500-NH3 G	Clackamas County-Water	AC31383
AC31383 AC31383	2022/04/07 11:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31383:202204071130:SR		Nitrate/Nitrite as N Orthonhorphate	14797-55-8		1.9 mg/L			0625 mg/L		25 mg/L	4500-NO3(F) 4500-P-F	Clackamas County-Water	
AC31383 AC31383	2022/04/07 11:30 2022/04/07 11:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31383:202204071130:SR AC31383:202204071130:SR		Orthophosphate Phosphorus	14265-44-2 7723-14-0		0.06 mg/L 0.12 mg/L		0 N/A	.025 mg/L mg/L		25 mg/L D2 mg/L		Clackamas County-Water 3 ALS Environmental Kelso	
AC31383	2022/04/07 11:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31383:202204071130:SR	Grab	Acidity, hydrogen ion (H+)	N/A		7 SU		N/A	SU	N/A	SU	4500-H+B	Clackamas County-Water	AC31383
AC31383 AC31383	2022/04/07 11:30 2022/04/07 11:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31383:202204071130:SR AC31383:202204071130:SR		Conductivity Temperature, water	N/A N/A	1	88.9 uS/cm		N/A N/A	uS/cm	N/A N/A	uS/cm	2510 2550 B	0 Clackamas County-Water Clackamas County-Water	
AC31383 AC31383	2022/04/07 11:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31383:202204071130:SR AC31383:202204071130:SR		Total Dissolved Solids	N/A N/A		13 deg C 136 mg/L		ny A	deg C 5.6 mg/L		deg C .6 mg/L	2540-C	Clackamas County-Water	
AC31383	2022/04/07 11:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31383:202204071130:SR	Grab	Total Suspended Solids	N/A		4.3 mg/L			1.17 mg/L	1.1	l7 mg/L	2540-D	Clackamas County-Water	AC31383
AC31383 AC31383	2022/04/07 11:30 2022/04/07 11:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31383:202204071130:SR AC31383:202204071130:SR		Total Solids Dissolved Oxygen	N/A N/A		168 mg/L 9.2 mg/L			5 mg/L 0.02 mg/L		5 mg/L)2 mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC31384	2022/04/07 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR		Copper	7440-50-8		1.33 ug/L			0.1 ug/L	0	.1 ug/L	200.8	B ALS Environmental Kelso	AC31384
AC31384	2022/04/07 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR	Grab	Lead	7439-92-1		146 ug/L			0.01 ug/L)1 ug/L		8 ALS Environmental Kelso	
AC31384 AC31384	2022/04/07 12:00 2022/04/07 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31384:202204071200:SR AC31384:202204071200:SR		Zinc Copper, dissolved	7440-66-6 7440-50-8		17.9 ug/L 0.73 ug/L			1 ug/L 0.1 ug/L		1 ug/L .1 ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
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Monitoring Location	Activity Start Activity Start	t Activity Start/En	d <u>Activity Media</u>	Activity Type	Activity ID (Locked)	nple Collection Chara	teristic Name	CAS Number Resul	lt Value	Result Unit Result Measure	e Detectio	n Limit Detect	tion Limit Rep	orting Limit	Reporting Lim	it Result Analytical	Laboratory Name	Lab Sample ID
ID AC31384	Date Time 2022/04/07 12:00	Time Zone	Subdivision Name Surface Water	Sample-Routine	AC31384:202204071200:SR Grab	Method	7439-92-1	<0.020		Qualifier	Valu	ue <u>l</u> 0.02 ug/L	<u>Jnit</u>	Value 0.02	Unit un/l	Method ID	8 ALS Environmental Kelso	
AC31384	2022/04/07 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	<0.020	ug, 13.2 ug	g/L g/L		1 ug/L			ug/L		8 ALS Environmental Kelso	
AC31384	2022/04/07 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR Grab	E. Coli	68583-22-2		219 MI	IPN/100ml		1 MPN/10		1 [MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC31384 AC31384	2022/04/07 12:00 2022/04/07 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31384:202204071200:SR Grab AC31384:202204071200:SR Grab	Total Hardness Ammonia-nitro	en N/A		76 mg 0.034 mg	ig/l CaCO3		5.3 mg/l Ca 0.01 mg/L	ICO3	5.3 r 0.025 r	mg/I CaCO3	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC31384	2022/04/07 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR Grab	Nitrate/Nitrite			0.46 mg			0.0625 mg/L		0.025 r		4500-NO3(F)	Clackamas County-Water	
AC31384	2022/04/07 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR Grab	Orthophosphate		<0.025		g/L		0.025 mg/L		0.025 r		4500-P-F	Clackamas County-Water	
AC31384 AC31384	2022/04/07 12:00 2022/04/07 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31384:202204071200:SR Grab AC31384:202204071200:SR Grab	Phosphorus Acidity, hydroge	7723-14-0 n ion (H+) N/A		0.07 mg 7.5 SU		N/A N/A	mg/L SU	N/A	0.02 r	mg/L SU	4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC31384	2022/04/07 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR Field N	Meter Conductivity	N/A		201 uS,	5/cm	N/A	uS/cm	N/A		uS/cm		0 Clackamas County-Water	
AC31384	2022/04/07 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR Field N				12.6 de		N/A	deg C	N/A		deg C	2550 B	Clackamas County-Water	
AC31384 AC31384	2022/04/07 12:00 2022/04/07 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31384:202204071200:SR Field N AC31384:202204071200:SR Grab	Total Dissolved Total Suspende			115 mg 5 mg			5.6 mg/L 1.17 mg/L		5.6 r 1.17 r		2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC31384	2022/04/07 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31384:202204071200:SR Grab	Total Solids	N/A		163 mg	ıg/L		5 mg/L		5 r	mg/L	2540-В	Clackamas County-Water	AC31384
AC31384 AC31385	2022/04/07 12:00 2022/04/07 10:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31384:202204071200:SR Grab AC31385:202204071040:SR Grab	Dissolved Oxyge Copper	n N/A 7440-50-8		9.3 mg 0.66 ug			0.02 mg/L 0.1 ug/L		0.02 r 0.1 u		4500-O-C	Clackamas County-Water 8 ALS Environmental Kelso	
AC31385	2022/04/07 10:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31385:202204071040:SR Grab	Lead	7440-50-8 7439-92-1		0.00 ug			0.01 ug/L		0.1 0			8 ALS Environmental Kelso	
AC31385	2022/04/07 10:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31385:202204071040:SR Grab	Zinc	7440-66-6	<2.0	ug			1 ug/L		1 ι			8 ALS Environmental Kelso	
AC31385 AC31385	2022/04/07 10:40 2022/04/07 10:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31385:202204071040:SR Grab AC31385:202204071040:SR Grab	Copper, dissolve Lead, dissolved	d 7440-50-8 7439-92-1	<0.020	0.48 ug ug			0.1 ug/L 0.02 ug/L		0.1			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31385	2022/04/07 10:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31385:202204071040:SR Grab	Zinc, dissolved	7440-66-6		2.1 ug			1 ug/L			ug/L		8 ALS Environmental Kelso	
AC31385	2022/04/07 10:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31385:202204071040:SR Grab	E. Coli	68583-22-2			IPN/100ml		1 MPN/10			MPN/100ml		Clackamas County-Water	
AC31385 AC31385	2022/04/07 10:40 2022/04/07 10:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31385:202204071040:SR Grab AC31385:202204071040:SR Grab	Total Hardness Ammonia-nitro	en N/A	<0.0205		ıg/l CaCO3 ıg/L		5.3 mg/l Ca 0.01 mg/L	1003	0.025 r	mg/I CaCO3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC31385	2022/04/07 10:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31385:202204071040:SR Grab	Nitrate/Nitrite a			0.92 mg			0.0625 mg/L		0.0625 r	mg/L	4500-NO3(F)	Clackamas County-Water	AC31385
AC31385 AC31385	2022/04/07 10:40 2022/04/07 10:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31385:202204071040:SR Grab AC31385:202204071040:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	mg 0.03 mg	ig/L	N/A	0.025 mg/L		0.025 r 0.02 r		4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC31385	2022/04/07 10:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31385:202204071040:5K Grab	Acidity, hydroge			0.03 Mg 7.7 SU		N/A N/A	mg/L SU	N/A		5U	4500-H+B	Clackamas County-Water	
AC31385	2022/04/07 10:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31385:202204071040:SR Field N	Meter Conductivity	N/A		154.2 uS,	5/cm	N/A	uS/cm	N/A	ι	uS/cm	2510	0 Clackamas County-Water	AC31385
AC31385 AC31385	2022/04/07 10:40 2022/04/07 10:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31385:202204071040:SR Field N AC31385:202204071040:SR Field N				11.2 de 79 ma		N/A	deg C 5.6 mg/L	N/A	5.6 r	deg C mg/l	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC31385 AC31385	2022/04/07 10:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC31385:202204071040:SR Field N AC31385:202204071040:SR Grab	Total Dissolved Total Suspende			79 mg 2 mg			1.17 mg/L		1.17 r	mg/L	2540-C 2540-D	Clackamas County-Water	
AC31385	2022/04/07 10:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31385:202204071040:SR Grab	Total Solids	N/A		99 mg			5 mg/L		5 r		2540-В	Clackamas County-Water	
AC31385 AC31386	2022/04/07 10:40 2022/04/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31385:202204071040:SR Grab AC31386:202204070905:SR Grab	Dissolved Oxyge Copper	n N/A 7440-50-8		10.7 mg 1.47 ug			0.02 mg/L 0.1 ug/L		0.02 r 0.1 u		4500-O-C 200.5	Clackamas County-Water 8 ALS Environmental Kelso	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Grab	Lead	7439-92-1		0.086 ug			0.01 ug/L		0.01 0			8 ALS Environmental Kelso	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Grab	Zinc	7440-66-6		14.9 ug			1 ug/L		1 (8 ALS Environmental Kelso	
AC31386 AC31386	2022/04/07 09:05 2022/04/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31386:202204070905:SR Grab AC31386:202204070905:SR Grab	Copper, dissolve Lead, dissolved	d 7440-50-8 7439-92-1	<0.020	0.92 ug	g/L g/L		0.1 ug/L 0.02 ug/L		0.1 0			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Grab	Zinc, dissolved	7440-66-6	\$0.020	12.8 ug			1 ug/L			ug/L		8 ALS Environmental Kelso	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Grab	E. Coli	68583-22-2			IPN/100ml		1 MPN/10			MPN/100ml		Clackamas County-Water	
AC31386 AC31386	2022/04/07 09:05 2022/04/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31386:202204070905:SR Grab AC31386:202204070905:SR Grab	Total Hardness Ammonia-nitro	en N/A	<0.0205		ıg/l CaCO3 ıg/L		5.3 mg/l Ca 0.01 mg/L	ICO3	5.3 r 0.025 r	mg/I CaCO3	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Grab	Nitrate/Nitrite		(0.0203	0.11 mg			0.0625 mg/L		0.025 r		4500-NO3(F)	Clackamas County-Water	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Grab	Orthophosphate		<0.025		ig/L		0.025 mg/L		0.025 r		4500-P-F	Clackamas County-Water	
AC31386 AC31386	2022/04/07 09:05 2022/04/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31386:202204070905:SR Grab AC31386:202204070905:SR Grab	Phosphorus Acidity, hydroge	7723-14-0 n ion (H+) N/A		0.06 mg 7.1 SU		N/A N/A	mg/L SU	N/A	0.02 r	mg/L SU	365.3 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Field N		N/A		223 uS,		N/A	uS/cm	N/A		uS/cm		0 Clackamas County-Water	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Field N				11.1 de		N/A	deg C	N/A		deg C	2550 B	Clackamas County-Water	
AC31386 AC31386	2022/04/07 09:05 2022/04/07 09:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31386:202204070905:SR Field N AC31386:202204070905:SR Grab	Meter Total Dissolved Total Suspender	,		118 mg 4.6 mg			5.6 mg/L 1.17 mg/L		5.6 r 1.17 r		2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Grab	Total Solids	N/A		148 mg			5 mg/L			mg/L	2540-B	Clackamas County-Water	
AC31386	2022/04/07 09:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31386:202204070905:SR Grab	Dissolved Oxyge			8.1 mg			0.02 mg/L		0.02 r		4500-O-C	Clackamas County-Water	
AC31387 AC31387	2022/04/07 12:25 2022/04/07 12:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31387:202204071225:SR Grab AC31387:202204071225:SR Grab	Copper Lead	7440-50-8 7439-92-1		1.19 ug 0.153 ug			0.1 ug/L 0.01 ug/L		0.1			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31387	2022/04/07 12:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31387:202204071225:SR Grab	Zinc	7440-66-6		12 ug			1 ug/L		1 (8 ALS Environmental Kelso	
AC31387	2022/04/07 12:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31387:202204071225:SR Grab	Copper, dissolve			0.97 ug			0.1 ug/L		0.1 0			8 ALS Environmental Kelso	
AC31387 AC31387	2022/04/07 12:25 2022/04/07 12:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31387:202204071225:SR Grab AC31387:202204071225:SR Grab	Lead, dissolved Zinc. dissolved	7439-92-1 7440-66-6		0.051 ug 8.1 ug			0.02 ug/L 1 ug/L		0.02	ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC31387	2022/04/07 12:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31387:202204071225:SR Grab	E. Coli	68583-22-2			IPN/100ml		1 MPN/10	00ml		MPN/100ml		Clackamas County-Water	
AC31387	2022/04/07 12:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31387:202204071225:SR Grab	Total Hardness	N/A	-0.0205		g/I CaCO3		5.3 mg/l Ca	iCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC31387 AC31387	2022/04/07 12:25 2022/04/07 12:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31387:202204071225:SR Grab AC31387:202204071225:SR Grab	Ammonia-nitro Nitrate/Nitrite a		<0.0205	me 0.78 me	ig/L ig/L		0.01 mg/L 0.0625 mg/L		0.025 r 0.0625 r		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC31387	2022/04/07 12:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31387:202204071225:SR Grab	Orthophosphate	14265-44-2		0.03 mg			0.025 mg/L		0.025 r		4500-P-F	Clackamas County-Water	
AC31387 AC31387	2022/04/07 12:25 2022/04/07 12:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31387:202204071225:SR Grab AC31387:202204071225:SR Grab	Phosphorus Acidity, hydroge	7723-14-0 n ion (H+) N/A		0.08 mg 8 SU		N/A N/A	mg/L SU	N/A	0.02 r	mg/L SU	365.3 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC31387 AC31387	2022/04/07 12:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31387:202204071225:SR Grab AC31387:202204071225:SR Field N		n ion (H+) N/A N/A		8 SU 211 uS,		N/A N/A	uS/cm	N/A		uS/cm		0 Clackamas County-Water	
AC31387	2022/04/07 12:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31387:202204071225:SR Field N	Meter Temperature, w	ater N/A		13.4 de	eg C	N/A	deg C	N/A	(deg C	2550 B	Clackamas County-Water	AC31387
AC31387 AC31387	2022/04/07 12:25 2022/04/07 12:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC31387:202204071225:SR Field N AC31387:202204071225:SR Grab	Meter Total Dissolved Total Suspende			131 mg 4.9 mg			5.6 mg/L 1.17 mg/L		5.6 r 1.17 r		2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC31387 AC31387	2022/04/07 12:25	PDT ("Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31387:202204071225:SR Grab	Total Solids	N/A N/A		4.9 mg 158 mg			5 mg/L			mg/L mg/L	2540-D 2540-B	Clackamas County-Water	
AC31387	2022/04/07 12:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC31387:202204071225:SR Grab	Dissolved Oxyge	n N/A		11 mg	ıg/L		0.02 mg/L		0.02	mg/L	4500-O-C	Clackamas County-Water	AC31387
AC32847 AC32847	2022/05/10 08:05 2022/05/10 08:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32847:202205100805:SR Grab AC32847:202205100805:SR Grab	Copper Lead	7440-50-8 7439-92-1		0.96 ug 0.249 ug			0.1 ug/L 0.01 ug/L		0.1			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC32847 AC32847	2022/05/10 08:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805.5R Grab	Zinc	7440-66-6		0.249 ug, 7 ug,			1 ug/L		1 1			8 ALS Environmental Kelso	
AC32847	2022/05/10 08:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805:SR Grab	Copper, dissolve			0.58 ug	g/L		0.1 ug/L		0.1	ug/L	200.8	8 ALS Environmental Kelso	AC32847
AC32847 AC32847	2022/05/10 08:05 2022/05/10 08:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32847:202205100805:SR Grab AC32847:202205100805:SR Grab	Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	<0.020	ug 3 ug	g/L z/I		0.02 ug/L 1 ug/L		0.02 u 1 u	ug/L ug/L		8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC32847 AC32847	2022/05/10 08:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805:SR Grab	E. Coli	68583-22-2			g/L IPN/100ml		1 MPN/10	00ml		MPN/100ml		Clackamas County-Water	
AC32847	2022/05/10 08:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805:SR Grab	Total Hardness	N/A			g/I CaCO3		5.3 mg/l Ca	CO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC32847 AC32847	2022/05/10 08:05 2022/05/10 08:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32847:202205100805:SR Grab AC32847:202205100805:SR Grab	Ammonia-nitro Nitrate/Nitrite a		<0.0205	mg 0.67 mg	ig/L ig/l		0.01 mg/L 0.0625 mg/L		0.03 r 0.0625 r		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC32847 AC32847	2022/05/10 08:05	PDT ("Mar-Oct) PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805:SR Grab	Orthophosphate		<0.025		ig/L		0.0025 mg/L 0.006 mg/L		0.0025 r		4500-P-F	Clackamas County-Water	
AC32847	2022/05/10 08:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805:SR Grab	Phosphorus	7723-14-0		0.05 mg	ig/L	N/A	mg/L		0.02 r	mg/L		3 ALS Environmental Kelso	AC32847
AC32847 AC32847	2022/05/10 08:05 2022/05/10 08:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32847:202205100805:SR Field N AC32847:202205100805:SR Field N		n ion (H+) N/A N/A		7.2 SU 102.1 uS		N/A N/A	SU uS/cm	N/A N/A		SU uS/cm	4500-H+B 2510	Clackamas County-Water 0 Clackamas County-Water	
AC32847 AC32847	2022/05/10 08:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805:SR Field N AC32847:202205100805:SR Field N				8.8 de		N/A	deg C	N/A		deg C	2550 B	Clackamas County-Water	
AC32847	2022/05/10 08:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805:SR Grab	Total Dissolved	Solids N/A		78 mg	g/L		5.6 mg/L		5.6 r	mg/L	2540-C	Clackamas County-Water	AC32847
AC32847 AC32847	2022/05/10 08:05 2022/05/10 08:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32847:202205100805:SR Grab AC32847:202205100805:SR Grab	Total Suspende Total Solids	Solids N/A N/A		5 mg 82 mg			1.17 mg/L 5 mg/L		1.17 r	mg/L mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC32847 AC32847	2022/05/10 08:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC32847:202205100805:SR Grab AC32847:202205100805:SR Grab	Total solids Total volatile so			82 mg 22 mg			5 mg/L 5 mg/L			mg/L mg/L	2540-E	Clackamas County-Water	
AC32847	2022/05/10 08:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32847:202205100805:SR Grab	Dissolved Oxyge			10.9 mg	ig/L		0.02 mg/L		0.02 r	mg/L	4500-O-C	Clackamas County-Water	
AC32848 AC32848	2022/05/10 08:55 2022/05/10 08:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32848:202205100855:SR Grab AC32848:202205100855:SR Grab	Copper Lead	7440-50-8 7439-92-1		0.7 ug 0.033 ug			0.1 ug/L 0.01 ug/L		0.1 0			8 ALS Environmental Kelso 8 ALS Environmental Kelso	
AC32848	2022/05/10 08:55	PDT (~Mar-Oct)		Sample-Routine	AC32848:202205100855:SR Grab	Zinc	7439-92-1 7440-66-6		0.055 ug 17.9 ug			1 ug/L		1 1			8 ALS Environmental Kelso	

Monitoring Location	Activity Start Activity Start	Activity Start/End	Activity Media	Activity Type	Activity ID (Locked)	Collection Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure	Detection Limit Detection Limi	it Reporting Limit	Reporting Limi	t Result Analytical	Laboratory Namo	Lab Sample ID
ID	Date Time	Time Zone	Subdivision Name	Activity Type	<u> </u>	ethod				Qualifier	Value <u>Unit</u>	Value	<u>Unit</u>	Method ID	Laboratory Name	
AC32848 AC32848	2022/05/10 08:55 2022/05/10 08:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32848:202205100855:SR Grab AC32848:202205100855:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	<0.020).52 ug/L ug/L		0.1 ug/L 0.02 ug/L		ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC32848	2022/05/10 08:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32848:202205100855:SR Grab	Zinc, dissolved	7440-66-6		l6.1 ug/L		1 ug/L	1	ug/L		ALS Environmental Kelso	
AC32848 AC32848	2022/05/10 08:55 2022/05/10 08:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32848:202205100855:SR Grab AC32848:202205100855:SR Grab	E. Coli Total Hardness	68583-22-2 N/A	>2420	MPN/100ml 97 mg/l CaCO3		1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC32848	2022/05/10 08:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32848:202205100855:SR Grab	Ammonia-nitrogen	N/A	<0.0205	mg/L		0.01 mg/L		mg/L	4500-NH3 G	Clackamas County-Water	
AC32848	2022/05/10 08:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32848:202205100855:SR Grab	Nitrate/Nitrite as N	14797-55-8		1.1 mg/L		0.0625 mg/L	0.0625			Clackamas County-Water	
AC32848 AC32848	2022/05/10 08:55 2022/05/10 08:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32848:202205100855:SR Grab AC32848:202205100855:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	mg/L).02 mg/L		0.025 mg/L N/A mg/L	0.025	mg/L mg/L	4500-P-F 365.3	Clackamas County-Water ALS Environmental Kelso	
AC32848	2022/05/10 08:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32848:202205100855:SR Grab	Acidity, hydrogen ion (H+)	N/A		7.1 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC32848	2022/05/10 08:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32848:202205100855:SR Field Met AC32848:202205100855:SR Field Met		N/A		278 uS/cm		N/A uS/cm N/A deg C		uS/cm		Clackamas County-Water	
AC32848 AC32848	2022/05/10 08:55 2022/05/10 08:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32848:202205100855:SR Field Met		N/A N/A		11 deg C 145 mg/L		N/A deg C 5.6 mg/L		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC32848	2022/05/10 08:55	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32848:202205100855:SR Grab	Total Suspended Solids	N/A	<1.2	mg/L		1.17 mg/L	1.17	mg/L	2540-D	Clackamas County-Water	AC32848
AC32848 AC32848	2022/05/10 08:55 2022/05/10 08:55	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32848:202205100855:SR Grab AC32848:202205100855:SR Grab	Total Solids Dissolved Oxygen	N/A N/A		153 mg/L 8.8 mg/L		5 mg/L 0.02 mg/L		mg/L mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100855:5N Grab	Copper	7440-50-8		1.26 ug/L		0.02 Hig/L		ug/L		ALS Environmental Kelso	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Grab	Lead	7439-92-1		0.13 ug/L		0.01 ug/L		ug/L		ALS Environmental Kelso	
AC32849 AC32849	2022/05/10 09:20 2022/05/10 09:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32849:202205100920:SR Grab AC32849:202205100920:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8		25.7 ug/L 0.8 ug/L		1 ug/L 0.1 ug/L		ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Grab	Lead, dissolved	7439-92-1	<0.020	ug/L		0.02 ug/L		ug/L		ALS Environmental Kelso	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Grab	Zinc, dissolved	7440-66-6	1	18.9 ug/L		1 ug/L		ug/L		ALS Environmental Kelso	
AC32849 AC32849	2022/05/10 09:20 2022/05/10 09:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32849:202205100920:SR Grab AC32849:202205100920:SR Grab	E. Coli Total Hardness	68583-22-2 N/A		99 MPN/100ml 49 mg/l CaCO3		1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Grab	Ammonia-nitrogen	N/A	<0.0205	mg/L		0.01 mg/L		mg/L	4500-NH3 G	Clackamas County-Water	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Grab	Nitrate/Nitrite as N	14797-55-8		1.4 mg/L		0.0625 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC32849 AC32849	2022/05/10 09:20 2022/05/10 09:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32849:202205100920:SR Grab AC32849:202205100920:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	mg/L).04 mg/L		0.025 mg/L N/A mg/L	0.025	mg/L mg/L	4500-P-F 365.3	Clackamas County-Water ALS Environmental Kelso	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Grab	Acidity, hydrogen ion (H+)	N/A		7.6 SU		N/A SU		SU	4500-H+B	Clackamas County-Water	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Field Met		N/A		17.3 uS/cm		N/A uS/cm		uS/cm		Clackamas County-Water	
AC32849 AC32849	2022/05/10 09:20 2022/05/10 09:20	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32849:202205100920:SR Field Met AC32849:202205100920:SR Field Met		N/A N/A	1	LO.1 deg C 96 mg/L		N/A deg C 5.6 mg/L		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Grab	Total Suspended Solids	N/A	<1.2	mg/L		1.17 mg/L		mg/L	2540-D	Clackamas County-Water	
AC32849	2022/05/10 09:20	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32849:202205100920:SR Grab	Total Solids	N/A		101 mg/L		5 mg/L		mg/L	2540-В	Clackamas County-Water	
AC32849 AC32850	2022/05/10 09:20 2022/05/10 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32849:202205100920:SR Grab AC32850:202205101030:SR Grab	Dissolved Oxygen Copper	N/A 7440-50-8		LO.5 mg/L L.26 ug/L		0.02 mg/L 0.1 ug/L		mg/L ug/L	4500-O-C 200.8	Clackamas County-Water ALS Environmental Kelso	
AC32850	2022/05/10 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101030:SR Grab	Lead	7439-92-1		142 ug/L		0.01 ug/L	0.01			ALS Environmental Kelso	
AC32850	2022/05/10 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101030:SR Grab	Zinc	7440-66-6		24.4 ug/L		1 ug/L		ug/L		ALS Environmental Kelso	
AC32850 AC32850	2022/05/10 10:30 2022/05/10 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32850:202205101030:SR Grab AC32850:202205101030:SR Grab	Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1		0.96 ug/L 029 ug/L		0.1 ug/L 0.02 ug/L		ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC32850	2022/05/10 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101030:SR Grab	Zinc, dissolved	7440-66-6		22 ug/L		1 ug/L		ug/L		ALS Environmental Kelso	
AC32850	2022/05/10 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101030:SR Grab	E. Coli	68583-22-2		40 MPN/100ml		1 MPN/100ml	1	MPN/100ml		Clackamas County-Water	
AC32850 AC32850	2022/05/10 10:30 2022/05/10 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32850:202205101030:SR Grab AC32850:202205101030:SR Grab	Total Hardness Ammonia-nitrogen	N/A N/A	<0.0205	59 mg/l CaCO3		5.3 mg/l CaCO3 0.01 mg/L	5.3	mg/I CaCO3	2340c 4500-NH3 G	Clackamas County-Water	
AC32850	2022/05/10 10:30	PDT (Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101050:5K Grab	Nitrate/Nitrite as N	14797-55-8		mg/L).82 mg/L		0.0625 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC32850	2022/05/10 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101030:SR Grab	Orthophosphate	14265-44-2	<0.025	mg/L		0.025 mg/L	0.025	mg/L	4500-P-F	Clackamas County-Water	
AC32850 AC32850	2022/05/10 10:30 2022/05/10 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC32850:202205101030:SR Grab AC32850:202205101030:SR Grab	Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		0.04 mg/L 7.6 SU		N/A mg/L N/A SU		mg/L	365.3 4500-H+B	ALS Environmental Kelso Clackamas County-Water	
AC32850		PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine	AC32850:202205101050:5K Grab		N/A N/A		7.6 SO 37.7 uS/cm		N/A uS/cm		SU uS/cm		Clackamas County-Water	
AC32850	2022/05/10 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101030:SR Field Met		N/A		L1.2 deg C		N/A deg C		deg C	2550 B	Clackamas County-Water	
AC32850 AC32850	2022/05/10 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101030:SR Field Met		N/A		100 mg/L		5.6 mg/L		mg/L	2540-C	Clackamas County-Water	
AC32850 AC32850	2022/05/10 10:30 2022/05/10 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32850:202205101030:SR Grab AC32850:202205101030:SR Grab	Total Suspended Solids Total Solids	N/A N/A	<1.2	mg/L 109 mg/L		1.17 mg/L 5 mg/L		mg/L mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC32850	2022/05/10 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32850:202205101030:SR Grab	Dissolved Oxygen	N/A		10.6 mg/L		0.02 mg/L		mg/L	4500-O-C	Clackamas County-Water	
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Grab	Copper	7440-50-8		0.98 ug/L		0.1 ug/L		ug/L		ALS Environmental Kelso	
AC32851 AC32851	2022/05/10 11:10 2022/05/10 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32851:202205101110:SR Grab AC32851:202205101110:SR Grab	Lead Zinc	7439-92-1 7440-66-6).16 ug/L L5.6 ug/L		0.01 ug/L 1 ug/L	0.01	ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Grab	Copper, dissolved	7440-50-8		0.82 ug/L		0.1 ug/L		ug/L		ALS Environmental Kelso	
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Grab	Lead, dissolved	7439-92-1		0.06 ug/L		0.02 ug/L	0.02			ALS Environmental Kelso ALS Environmental Kelso	
AC32851 AC32851	2022/05/10 11:10 2022/05/10 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32851:202205101110:SR Grab AC32851:202205101110:SR Grab	Zinc, dissolved E. Coli	7440-66-6 68583-22-2		l4.6 ug/L 127 MPN/100ml		1 ug/L 1 MPN/100ml		ug/L MPN/100ml		Clackamas County-Water	
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Grab	Total Hardness	N/A		73 mg/l CaCO3		5.3 mg/l CaCO3	5.3	mg/I CaCO3	2340c	Clackamas County-Water	
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Grab	Ammonia-nitrogen	N/A		042 mg/L		0.03 mg/L		mg/L		Clackamas County-Water	
AC32851 AC32851	2022/05/10 11:10 2022/05/10 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32851:202205101110:SR Grab AC32851:202205101110:SR Grab	Nitrate/Nitrite as N Orthophosphate	14797-55-8 14265-44-2		1.8 mg/L).06 mg/L		0.0625 mg/L 0.025 mg/L	0.0625		4500-NO3(F) 4500-P-F	Clackamas County-Water Clackamas County-Water	
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Grab	Phosphorus	7723-14-0		0.11 mg/L		N/A mg/L	0.02	mg/L	365.3	ALS Environmental Kelso	AC32851
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Grab	Acidity, hydrogen ion (H+)	N/A		7 SU		N/A SU N/A uS/cm		SU VC / m	4500-H+B	Clackamas County-Water	
AC32851 AC32851	2022/05/10 11:10 2022/05/10 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32851:202205101110:SR Field Met AC32851:202205101110:SR Field Met		N/A N/A		179 uS/cm l1.7 deg C		N/A uS/cm N/A deg C		uS/cm deg C	2510 2550 B	Clackamas County-Water Clackamas County-Water	
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Field Met		N/A		132 mg/L		5.6 mg/L	5.6	mg/L	2540-C	Clackamas County-Water	
AC32851	2022/05/10 11:10	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32851:202205101110:SR Grab	Total Suspended Solids	N/A	<1.2	mg/L		1.17 mg/L		mg/L	2540-D	Clackamas County-Water	
AC32851 AC32851	2022/05/10 11:10 2022/05/10 11:10	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32851:202205101110:SR Grab AC32851:202205101110:SR Grab	Total Solids Dissolved Oxygen	N/A N/A		141 mg/L 9 mg/L		5 mg/L 0.02 mg/L		mg/L mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Grab	Copper	7440-50-8		L.44 ug/L		0.1 ug/L	0.1	ug/L	200.8	ALS Environmental Kelso	AC32852
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Grab	Lead	7439-92-1		239 ug/L		0.01 ug/L	0.01			ALS Environmental Kelso	
AC32852 AC32852	2022/05/10 11:32 2022/05/10 11:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32852:202205101132:SR Grab AC32852:202205101132:SR Grab	Zinc Copper, dissolved	7440-66-6 7440-50-8		L5.7 ug/L).96 ug/L		1 ug/L 0.1 ug/L		ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Grab	Lead, dissolved	7439-92-1		024 ug/L		0.02 ug/L		ug/L		ALS Environmental Kelso	
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Grab	Zinc, dissolved	7440-66-6		12 ug/L		1 ug/L		ug/L		ALS Environmental Kelso	
AC32852 AC32852	2022/05/10 11:32 2022/05/10 11:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32852:202205101132:SR Grab AC32852:202205101132:SR Grab	E. Coli Total Hardness	68583-22-2 N/A		196 MPN/100ml 63 mg/l CaCO3		1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC32852	2022/05/10 11:32	PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Grab	Ammonia-nitrogen	N/A N/A		036 mg/L		0.01 mg/L	0.025	mg/L		Clackamas County-Water	
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Grab	Nitrate/Nitrite as N	14797-55-8	(0.67 mg/L		0.0625 mg/L	0.0625	mg/L		Clackamas County-Water	
AC32852 AC32852	2022/05/10 11:32 2022/05/10 11:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32852:202205101132:SR Grab AC32852:202205101132:SR Grab	Orthophosphate Phosphorus	14265-44-2 7723-14-0	<0.025	mg/L).06 mg/L		0.025 mg/L N/A mg/L	0.025	mg/L mg/L	4500-P-F 365.3	Clackamas County-Water ALS Environmental Kelso	
AC32852 AC32852	2022/05/10 11:32 2022/05/10 11:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC32852:202205101132:SR Grab	Acidity, hydrogen ion (H+)	N/A		7.2 SU		N/A mg/L N/A SU		SU SU	4500-H+B	Clackamas County-Water	
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Field Met	er Conductivity	N/A	15	50.7 uS/cm		N/A uS/cm	N/A	uS/cm	2510	Clackamas County-Water	AC32852
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Field Met		N/A		L1.4 deg C		N/A deg C		deg C		Clackamas County-Water	
AC32852 AC32852	2022/05/10 11:32 2022/05/10 11:32	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32852:202205101132:SR Field Met AC32852:202205101132:SR Grab	er Total Dissolved Solids Total Suspended Solids	N/A N/A	<1.2	99 mg/L mg/L		5.6 mg/L 1.17 mg/L		mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Grab	Total Solids	N/A		116 mg/L		5 mg/L	5	mg/L	2540-B	Clackamas County-Water	
AC32852	2022/05/10 11:32	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32852:202205101132:SR Grab	Dissolved Oxygen	N/A		9.6 mg/L		0.02 mg/L		mg/L	4500-O-C	Clackamas County-Water	
AC32853 AC32853	2022/05/10 10:05 2022/05/10 10:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32853:202205101005:SR Grab AC32853:202205101005:SR Grab	Copper Lead	7440-50-8 7439-92-1).78 ug/L 168 ug/L		0.1 ug/L 0.01 ug/L	0.1	ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC32853	2022/05/10 10:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32853:202205101005:SR Grab	Zinc	7440-66-6		3.4 ug/L		1 ug/L		ug/L		ALS Environmental Kelso	

Monitoring Location	Activity Start Activity Start	Activity Start/End	Activity Media	Antivity Trung	Activity ID (Locked)	ample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure	Detection Limit Detection Lim	it Reporting Limit	Reporting Limi	t Result Analytical	Laboratory Nama	Lab Sample ID
ID ACREATE	Date Time	Time Zone	Subdivision Name	Activity Type	, , ,	Method					Qualifier	Value Unit	Value	<u>Unit</u>	Method ID	Laboratory Name	
AC32853 AC32853	2022/05/10 10:05 2022/05/10 10:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32853:202205101005:SR Grab AC32853:202205101005:SR Grab		opper, dissolved ead, dissolved	7440-50-8 7439-92-1		57 ug/L 23 ug/L		0.1 ug/L 0.02 ug/L	0.1			ALS Environmental Kelso ALS Environmental Kelso	
AC32853	2022/05/10 10:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32853:202205101005:SR Grab	ab Zi	inc, dissolved	7440-66-6	2	2.6 ug/L		1 ug/L	1	ug/L	200.8	ALS Environmental Kelso	AC32853
AC32853 AC32853	2022/05/10 10:05 2022/05/10 10:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32853:202205101005:SR Grab AC32853:202205101005:SR Grab		. Coli otal Hardness	68583-22-2 N/A		53 MPN/100ml 35 mg/l CaCO3		1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC32853	2022/05/10 10:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32853:202205101005:SR Grab		mmonia-nitrogen	N/A	<0.0205	mg/L		0.01 mg/L	0.025		4500-NH3 G	Clackamas County-Water	
AC32853	2022/05/10 10:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32853:202205101005:SR Grab		litrate/Nitrite as N	14797-55-8		86 mg/L		0.0625 mg/L	0.0625			Clackamas County-Water	
AC32853 AC32853	2022/05/10 10:05 2022/05/10 10:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32853:202205101005:SR Grab AC32853:202205101005:SR Grab		Prthophosphate hosphorus	14265-44-2 7723-14-0	<0.025	mg/L 04 mg/L		0.025 mg/L N/A mg/L	0.025		4500-P-F 365.3	Clackamas County-Water ALS Environmental Kelso	
AC32853	2022/05/10 10:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32853:202205101005:SR Grab		cidity, hydrogen ion (H+)	N/A		7.7 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC32853	2022/05/10 10:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32853:202205101005:SR Field		onductivity	N/A		5.4 uS/cm		N/A uS/cm		uS/cm		Clackamas County-Water	
AC32853 AC32853	2022/05/10 10:05 2022/05/10 10:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32853:202205101005:SR Field AC32853:202205101005:SR Field		emperature, water otal Dissolved Solids	N/A N/A		10 deg C 63 mg/L		N/A deg C 5.6 mg/L		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC32853	2022/05/10 10:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32853:202205101005:SR Grab	ab Te	otal Suspended Solids	N/A		2 mg/L		1.17 mg/L	1.17	mg/L	2540-D	Clackamas County-Water	AC32853
AC32853 AC32853	2022/05/10 10:05 2022/05/10 10:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32853:202205101005:SR Grab AC32853:202205101005:SR Grab		otal Solids issolved Oxygen	N/A N/A		77 mg/L).7 mg/L		5 mg/L 0.02 mg/L	5 0.02	mg/L	2540-B 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC32853	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32853:202205101005:3N Grab		opper	7440-50-8		46 ug/L		0.02 mg/L	0.02			ALS Environmental Kelso	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Grab		ead	7439-92-1		91 ug/L		0.01 ug/L	0.01			ALS Environmental Kelso	
AC32854 AC32854	2022/05/10 09:38 2022/05/10 09:38	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32854:202205100938:SR Grab AC32854:202205100938:SR Grab		inc opper, dissolved	7440-66-6 7440-50-8		1.7 ug/L 13 ug/L		1 ug/L 0.1 ug/L	0.1	ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Grab		ead, dissolved	7439-92-1	<0.020	ug/L		0.02 ug/L	0.02			ALS Environmental Kelso	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Grab		inc, dissolved	7440-66-6		7.7 ug/L		1 ug/L		ug/L		ALS Environmental Kelso	
AC32854 AC32854	2022/05/10 09:38 2022/05/10 09:38	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32854:202205100938:SR Grab AC32854:202205100938:SR Grab		. Coli otal Hardness	68583-22-2 N/A		24 MPN/100ml 78 mg/l CaCO3		1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Grab		mmonia-nitrogen	N/A	<0.0205	mg/L		0.01 mg/L	0.025		4500-NH3 G	Clackamas County-Water	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Grab		litrate/Nitrite as N	14797-55-8		23 mg/L		0.0625 mg/L	0.0625		4500-NO3(F)	Clackamas County-Water	
AC32854 AC32854	2022/05/10 09:38 2022/05/10 09:38	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32854:202205100938:SR Grab AC32854:202205100938:SR Grab		Irthophosphate hosphorus	14265-44-2 7723-14-0	<0.025	mg/L 04 mg/L		0.025 mg/L N/A mg/L	0.025		4500-P-F	Clackamas County-Water ALS Environmental Kelso	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Grab		cidity, hydrogen ion (H+)	N/A		7.4 SU		N/A mg/L N/A SU		SU	4500-H+B	Clackamas County-Water	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Field		onductivity	N/A		09 uS/cm		N/A uS/cm		uS/cm		Clackamas County-Water	
AC32854 AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Field		emperature, water otal Dissolved Solids	N/A N/A		1.5 deg C		N/A deg C		deg C	2550 B 2540-C	Clackamas County-Water	
AC32854	2022/05/10 09:38 2022/05/10 09:38	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32854:202205100938:SR Field AC32854:202205100938:SR Grab		otal Suspended Solids	N/A	<1.2	15 mg/L mg/L		5.6 mg/L 1.17 mg/L	1.17	mg/L mg/L	2540-C	Clackamas County-Water Clackamas County-Water	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Grab		otal Solids	N/A		24 mg/L		5 mg/L		mg/L	2540-B	Clackamas County-Water	
AC32854	2022/05/10 09:38	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32854:202205100938:SR Grab		issolved Oxygen	N/A		10 mg/L		0.02 mg/L	0.02		4500-O-C	Clackamas County-Water	
AC32855 AC32855	2022/05/10 12:00 2022/05/10 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32855:202205101200:SR Grab AC32855:202205101200:SR Grab		opper ead	7440-50-8 7439-92-1		46 ug/L 28 ug/L		0.1 ug/L 0.01 ug/L	0.1			ALS Environmental Kelso ALS Environmental Kelso	
AC32855	2022/05/10 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32855:202205101200:SR Grab		inc	7440-66-6		5.4 ug/L		1 ug/L		ug/L		ALS Environmental Kelso	
AC32855	2022/05/10 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32855:202205101200:SR Grab		opper, dissolved	7440-50-8		92 ug/L		0.1 ug/L	0.1			ALS Environmental Kelso	
AC32855 AC32855	2022/05/10 12:00 2022/05/10 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32855:202205101200:SR Grab AC32855:202205101200:SR Grab		ead, dissolved inc, dissolved	7439-92-1 7440-66-6	<0.020	ug/L).6 ug/L		0.02 ug/L 1 ug/L	0.02	ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC32855	2022/05/10 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32855:202205101200:SR Grab		. Coli	68583-22-2		79 MPN/100ml		1 MPN/100ml		MPN/100ml		Clackamas County-Water	
AC32855	2022/05/10 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32855:202205101200:SR Grab		otal Hardness	N/A		65 mg/l CaCO3		5.3 mg/l CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC32855 AC32855	2022/05/10 12:00 2022/05/10 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32855:202205101200:SR Grab AC32855:202205101200:SR Grab		mmonia-nitrogen litrate/Nitrite as N	N/A 14797-55-8		28 mg/L 88 mg/L		0.01 mg/L 0.0625 mg/L	0.025		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC32855	2022/05/10 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32855:202205101200:SR Grab		rthophosphate	14265-44-2		03 mg/L		0.025 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC32855	2022/05/10 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32855:202205101200:SR Grab		hosphorus	7723-14-0		08 mg/L		N/A mg/L	0.02	mg/L		ALS Environmental Kelso	
AC32855 AC32855	2022/05/10 12:00 2022/05/10 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC32855:202205101200:SR Grab		.cidity, hydrogen ion (H+) onductivity	N/A N/A		7.4 SU 0.5 uS/cm		N/A SU N/A uS/cm		SU uS/cm	4500-H+B	Clackamas County-Water	
AC32855	2022/05/10 12:00	PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine	AC32855:202205101200:SR Field AC32855:202205101200:SR Field		emperature, water	N/A		2.1 deg C		N/A uS/cm N/A deg C		deg C	2550 B	Clackamas County-Water Clackamas County-Water	
AC32855	2022/05/10 12:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC32855:202205101200:SR Field		otal Dissolved Solids	N/A		05 mg/L		5.6 mg/L	5.6	mg/L	2540-C	Clackamas County-Water	AC32855
AC32855 AC32855	2022/05/10 12:00 2022/05/10 12:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC32855:202205101200:SR Grab AC32855:202205101200:SR Grab		otal Suspended Solids otal Solids	N/A N/A		5 mg/L		1.17 mg/L	1.17		2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC32855	2022/05/10 12:00	PDT (Mar-Oct)	Surface Water	Sample-Routine	AC32855:202205101200:SR Grab		issolved Oxygen	N/A		24 mg/L 10 mg/L		5 mg/L 0.02 mg/L	0.02	mg/L mg/L	4500-O-C	Clackamas County-Water	
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Grab		opper	7440-50-8	1.	12 ug/L		0.1 ug/L	0.1	ug/L		ALS Environmental Kelso	
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Grab		ead	7439-92-1		34 ug/L		0.01 ug/L	0.01			ALS Environmental Kelso	
AC34527 AC34527	2022/06/15 08:00 2022/06/15 08:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34527:202206150800:SR Grab AC34527:202206150800:SR Grab		inc opper, dissolved	7440-66-6 7440-50-8		8.7 ug/L 66 ug/L		1 ug/L 0.1 ug/L	0.1	ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Grab		ead, dissolved	7439-92-1	<0.020	ug/L		0.02 ug/L	0.02		200.8	ALS Environmental Kelso	AC34527
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Grab		inc, dissolved	7440-66-6		3.2 ug/L		1 ug/L		ug/L		ALS Environmental Kelso	
AC34527 AC34527	2022/06/15 08:00 2022/06/15 08:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34527:202206150800:SR Grab AC34527:202206150800:SR Grab		. Coli otal Hardness	68583-22-2 N/A		55 MPN/100ml 38 mg/l CaCO3		1 MPN/100ml 5.3 mg/l CaCO3		MPN/100ml mg/l CaCO3	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Grab		mmonia-nitrogen	N/A	<0.0205	mg/L		0.01 mg/L	0.03			Clackamas County-Water	
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Grab		litrate/Nitrite as N	14797-55-8).7 mg/L		0.0625 mg/L	0.0625			Clackamas County-Water	
AC34527 AC34527	2022/06/15 08:00 2022/06/15 08:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34527:202206150800:SR Grab AC34527:202206150800:SR Grab		rthophosphate hosphorus	14265-44-2 7723-14-0		02 mg/L 06 mg/L		0.006 mg/L N/A mg/L	0.006		4500-P-F 365.3	Clackamas County-Water ALS Environmental Kelso	
AC34527	2022/06/15 08:00	PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Field		cidity, hydrogen ion (H+)	N/A	7	7.3 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Water	
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Field		onductivity	N/A		L3 uS/cm		N/A uS/cm		uS/cm		Clackamas County-Water	
AC34527 AC34527	2022/06/15 08:00 2022/06/15 08:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34527:202206150800:SR Field AC34527:202206150800:SR Grab		emperature, water otal Dissolved Solids	N/A N/A		L8 deg C 83 mg/L		N/A deg C 5.6 mg/L		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Grab		otal Suspended Solids	N/A		5 mg/L		1.17 mg/L	1.17		2540-D	Clackamas County-Water	
AC34527	2022/06/15 08:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34527:202206150800:SR Grab		otal Solids	N/A		99 mg/L		5 mg/L	5	mg/L	2540-B	Clackamas County-Water	
AC34527 AC34527	2022/06/15 08:00 2022/06/15 08:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34527:202206150800:SR Grab AC34527:202206150800:SR Grab		otal volatile solids issolved Oxygen	N/A N/A		36 mg/L).2 mg/L		5 mg/L 0.02 mg/L	0.02	mg/L mg/L	2540-E 4500-O-C	Clackamas County-Water Clackamas County-Water	
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Grab		opper	7440-50-8		81 ug/L		0.1 ug/L	0.1			ALS Environmental Kelso	
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Grab	ab Le	ead	7439-92-1	0.0	47 ug/L		0.01 ug/L	0.01	ug/L		ALS Environmental Kelso	
AC34528 AC34528	2022/06/15 09:12 2022/06/15 09:12	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34528:202206150912:SR Grab AC34528:202206150912:SR Grab		inc opper, dissolved	7440-66-6 7440-50-8		I.4 ug/L).5 ug/L		1 ug/L 0.1 ug/L		ug/L ug/L		ALS Environmental Kelso ALS Environmental Kelso	
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Grab		ead, dissolved	7439-92-1	<0.020	ug/L		0.02 ug/L	0.02			ALS Environmental Kelso	
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Grab	ab Zi	inc, dissolved	7440-66-6	13	8.8 ug/L		1 ug/L	1	ug/L	200.8	ALS Environmental Kelso	AC34528
AC34528 AC34528	2022/06/15 09:12 2022/06/15 09:12	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34528:202206150912:SR Grab AC34528:202206150912:SR Grab		. Coli otal Hardness	68583-22-2 N/A		22 MPN/100ml 02 mg/l CaCO3		1 MPN/100ml		MPN/100ml	COLILERT/2000 2340c	Clackamas County-Water Clackamas County-Water	
AC34528 AC34528		PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34528:202206150912:SR Grab		otal Haroness mmonia-nitrogen	N/A N/A	<0.0205	mg/L		5.3 mg/l CaCO3 0.01 mg/L	0.03	mg/I CaCO3 mg/L		Clackamas County-Water Clackamas County-Water	
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Grab	ab N	litrate/Nitrite as N	14797-55-8	1	.1 mg/L		0.0625 mg/L	0.0625	mg/L	4500-NO3(F)	Clackamas County-Water	AC34528
AC34528 AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Grab		Prthophosphate	14265-44-2 7723-14-0	<0.025	mg/L 03 mg/l		0.025 mg/L	0.025		4500-P-F	Clackamas County-Water	
AC34528 AC34528	2022/06/15 09:12 2022/06/15 09:12	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34528:202206150912:SR Grab AC34528:202206150912:SR Grab		hosphorus cidity, hydrogen ion (H+)	7723-14-0 N/A		03 mg/L 7.3 SU		N/A mg/L N/A SU	0.02 N/A	mg/L SU	365.3 4500-H+B	ALS Environmental Kelso Clackamas County-Water	
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Field	ld Meter Co	onductivity	N/A	2	60 uS/cm		N/A uS/cm	N/A	uS/cm	2510	Clackamas County-Water	AC34528
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Field		emperature, water	N/A		8.5 deg C		N/A deg C		deg C	2550 B	Clackamas County-Water	
AC34528 AC34528	2022/06/15 09:12 2022/06/15 09:12	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34528:202206150912:SR Field AC34528:202206150912:SR Grab		otal Dissolved Solids otal Suspended Solids	N/A N/A		51 mg/L L4 mg/L		5.6 mg/L 1.17 mg/L	5.6	mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Grab		otal Solids	N/A		79 mg/L		5 mg/L		mg/L	2540-B	Clackamas County-Water	
AC34528	2022/06/15 09:12	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34528:202206150912:SR Grab		issolved Oxygen	N/A		3.4 mg/L		0.02 mg/L	0.02		4500-O-C	Clackamas County-Water	
AC34529 AC34529	2022/06/15 09:40 2022/06/15 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34529:202206150940:SR Grab AC34529:202206150940:SR Grab		opper ead	7440-50-8 7439-92-1		1.2 ug/L 99 ug/L		0.1 ug/L 0.01 ug/L	0.1			ALS Environmental Kelso ALS Environmental Kelso	
	2022/00/20 00:10				The representation of the				0.0			0.01 05/1	0.01		200.0	ann ennennar keiso	

ID		Activity Start/En		Activity Type	Activity ID (Locked)	Sample Collection	Characteristic Name	CAS Number	Result Value	Result Unit	Result Measure	Detection Limit	Detection Limit				Laboratory Name	Lab Sample ID
AC34529	Date Time 2022/06/15 09:40	PDT (~Mar-Oct)	Subdivision Name Surface Water	Sample-Routine	AC34529:202206150940:SR G	irab	Zinc	7440-66-6		15 ug/L	Qualifier	Value	Unit ug/L	Value 1	Unit ug/L	Method ID 200.8	3 ALS Environmental Kelso	AC34529
AC34529	2022/06/15 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34529:202206150940:SR G	irab	Copper, dissolved	7440-50-8		0.86 ug/L		0.1	ug/L	0.1	ug/L	200.8	3 ALS Environmental Kelso	AC34529
AC34529 AC34529	2022/06/15 09:40 2022/06/15 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34529:202206150940:SR G AC34529:202206150940:SR G		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	<0.020	ug/L 13 ug/L			ug/L		ug/L ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC34529	2022/06/15 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34529:202206150940:3R G		E. Coli	68583-22-2		276 MPN/100ml			ug/L MPN/100ml		MPN/100ml		Clackamas County-Water	
AC34529	2022/06/15 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34529:202206150940:SR G		Total Hardness	N/A		54 mg/I CaCO3			mg/l CaCO3		mg/l CaCO3	2340c	Clackamas County-Water	
AC34529 AC34529	2022/06/15 09:40 2022/06/15 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34529:202206150940:SR G AC34529:202206150940:SR G		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.0205	mg/L 1.5 mg/L		0.01	mg/L mg/l	0.03	mg/L mg/l	4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC34529	2022/06/15 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34529:202206150940:SR G		Orthophosphate	14265-44-2		0.01 mg/L			mg/L	0.025		4500-P-F	Clackamas County-Water	
AC34529	2022/06/15 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34529:202206150940:SR G		Phosphorus	7723-14-0		0.03 mg/L		N/A	mg/L		mg/L		ALS Environmental Kelso	
AC34529 AC34529	2022/06/15 09:40 2022/06/15 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34529:202206150940:SR G AC34529:202206150940:SR F		Acidity, hydrogen ion (H+) Conductivity	N/A N/A		7.6 SU 52.2 uS/cm		N/A N/A	SU uS/cm		SU uS/cm	4500-H+B 2510	Clackamas County-Water Clackamas County-Water	
AC34529	2022/06/15 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34529:202206150940:SR F		Temperature, water	N/A		12.9 deg C		N/A	deg C		deg C	2550 B	Clackamas County-Water	
AC34529	2022/06/15 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34529:202206150940:SR F		Total Dissolved Solids Total Suspended Solids	N/A N/A		102 mg/L			mg/L		mg/L	2540-C	Clackamas County-Water	
AC34529 AC34529	2022/06/15 09:40 2022/06/15 09:40	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34529:202206150940:SR G AC34529:202206150940:SR G		Total Solids	N/A N/A		2.6 mg/L 112 mg/L			mg/L mg/L		mg/L mg/L	2540-D 2540-B	Clackamas County-Water Clackamas County-Water	
AC34529	2022/06/15 09:40	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34529:202206150940:SR G		Dissolved Oxygen	N/A		9.7 mg/L		0.02	mg/L	0.02	mg/L	4500-O-C	Clackamas County-Water	AC34529
AC34530 AC34530	2022/06/15 10:30 2022/06/15 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34530:202206151030:SR G AC34530:202206151030:SR G		Copper Lead	7440-50-8 7439-92-1		1.39 ug/L 136 ug/L			ug/L ug/L	0.1	ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC34530	2022/06/15 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34530:202206151030:SR G		Zinc	7440-66-6		16.4 ug/L			ug/L		ug/L		3 ALS Environmental Kelso	
AC34530	2022/06/15 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34530:202206151030:SR G		Copper, dissolved	7440-50-8		0.9 ug/L			ug/L		ug/L		3 ALS Environmental Kelso	
AC34530 AC34530	2022/06/15 10:30 2022/06/15 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34530:202206151030:SR G AC34530:202206151030:SR G		Lead, dissolved Zinc, dissolved	7439-92-1 7440-66-6	<0.020	ug/L 12.6 ug/L			ug/L ug/L		ug/L ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC34530	2022/06/15 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34530:202206151030:SR G		E. Coli	68583-22-2		139 MPN/100ml			MPN/100ml	1	MPN/100ml		Clackamas County-Water	
AC34530	2022/06/15 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34530:202206151030:SR G		Total Hardness	N/A N/A	-0.0205	66 mg/l CaCO3			mg/I CaCO3		mg/I CaCO3	2340c	Clackamas County-Water	
AC34530 AC34530	2022/06/15 10:30 2022/06/15 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34530:202206151030:SR G AC34530:202206151030:SR G		Ammonia-nitrogen Nitrate/Nitrite as N	N/A 14797-55-8	<0.0205	mg/L D.79 mg/L		0.0625	mg/L mg/L	0.025		4500-NH3 G 4500-NO3(F)	Clackamas County-Water Clackamas County-Water	
AC34530	2022/06/15 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34530:202206151030:SR G	irab	Orthophosphate	14265-44-2	<0.025	mg/L			mg/L	0.025		4500-P-F	Clackamas County-Water	
AC34530 AC34530	2022/06/15 10:30 2022/06/15 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34530:202206151030:SR G AC34530:202206151030:SR G		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		0.03 mg/L 7.6 SU		N/A N/A	mg/L SU		mg/L SU	365.3 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC34530 AC34530	2022/06/15 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34530:202206151030:SR G		Conductivity	N/A N/A		177 uS/cm		N/A N/A	uS/cm		uS/cm		Clackamas County-Water	
AC34530	2022/06/15 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34530:202206151030:SR F		Temperature, water	N/A		13.8 deg C		N/A	deg C		deg C	2550 B	Clackamas County-Water	
AC34530 AC34530	2022/06/15 10:30 2022/06/15 10:30	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34530:202206151030:SR F AC34530:202206151030:SR G		Total Dissolved Solids Total Suspended Solids	N/A N/A		114 mg/L 2 mg/L			mg/L mg/L		mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC34530	2022/06/15 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34530:202206151030:SR G		Total Solids	N/A		123 mg/L			mg/L		mg/L	2540-B	Clackamas County-Water	
AC34530	2022/06/15 10:30	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34530:202206151030:SR G		Dissolved Oxygen	N/A		9.4 mg/L			mg/L		mg/L	4500-O-C	Clackamas County-Water	
AC34531 AC34531	2022/06/15 11:05 2022/06/15 11:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34531:202206151105:SR G AC34531:202206151105:SR G		Copper Lead	7440-50-8 7439-92-1		1.12 ug/L 198 ug/L			ug/L ug/L	0.1	ug/L ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC34531	2022/06/15 11:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34531:202206151105:SR G		Zinc	7440-66-6		12.6 ug/L			ug/L		ug/L		3 ALS Environmental Kelso	
AC34531 AC34531	2022/06/15 11:05 2022/06/15 11:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34531:202206151105:SR G AC34531:202206151105:SR G		Copper, dissolved	7440-50-8 7439-92-1		0.86 ug/L 0.05 ug/L			ug/L		ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC34531 AC34531	2022/06/15 11:05	PDT (*Mar-Oct) PDT (*Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34531:202206151105:5K G		Lead, dissolved Zinc, dissolved	7440-66-6		9.7 ug/L			ug/L ug/L		ug/L ug/L		ALS Environmental Kelso	
AC34531	2022/06/15 11:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34531:202206151105:SR G		E. Coli	68583-22-2		225 MPN/100ml			MPN/100ml	1	MPN/100ml		Clackamas County-Water	
AC34531 AC34531	2022/06/15 11:05 2022/06/15 11:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34531:202206151105:SR G AC34531:202206151105:SR G		Total Hardness Ammonia-nitrogen	N/A N/A	0	72 mg/l CaCO3 036 mg/L			mg/l CaCO3 mg/L		mg/I CaCO3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC34531	2022/06/15 11:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34531:202206151105:SR G		Nitrate/Nitrite as N	14797-55-8		1.5 mg/L		0.0625		0.0625		4500-NO3(F)	Clackamas County-Water	
AC34531	2022/06/15 11:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34531:202206151105:SR G		Orthophosphate	14265-44-2		0.08 mg/L			mg/L	0.025		4500-P-F	Clackamas County-Water	
AC34531 AC34531	2022/06/15 11:05 2022/06/15 11:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34531:202206151105:SR G AC34531:202206151105:SR G		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		0.12 mg/L 6.9 SU		N/A N/A	mg/L SU		mg/L SU	365.: 4500-H+B	3 ALS Environmental Kelso Clackamas County-Water	
AC34531	2022/06/15 11:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34531:202206151105:SR F		Conductivity	N/A		92.4 uS/cm		N/A	uS/cm	N/A	uS/cm) Clackamas County-Water	
AC34531 AC34531	2022/06/15 11:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34531:202206151105:SR F		Temperature, water	N/A		14.2 deg C		N/A	deg C		deg C	2550 B	Clackamas County-Water	
AC34531 AC34531	2022/06/15 11:05 2022/06/15 11:05	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34531:202206151105:SR F AC34531:202206151105:SR G		Total Dissolved Solids Total Suspended Solids	N/A N/A		136 mg/L 2.8 mg/L			mg/L mg/L		mg/L mg/L	2540-C 2540-D	Clackamas County-Water Clackamas County-Water	
AC34531	2022/06/15 11:05	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34531:202206151105:SR G		Total Solids	N/A		148 mg/L		5	mg/L	5	mg/L	2540-B	Clackamas County-Water	
AC34531 AC34532	2022/06/15 11:05 2022/06/15 11:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34531:202206151105:SR G AC34532:202206151125:SR G		Dissolved Oxygen Copper	N/A 7440-50-8		7.6 mg/L 1.44 ug/L			mg/L ug/L		mg/L ug/L	4500-O-C	Clackamas County-Water 3 ALS Environmental Kelso	
AC34532 AC34532	2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34532:202206151125:SR G		Lead	7439-92-1		176 ug/L			ug/L	0.01			3 ALS Environmental Kelso	
AC34532	2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34532:202206151125:SR G		Zinc	7440-66-6		9.4 ug/L			ug/L		ug/L		3 ALS Environmental Kelso	
AC34532 AC34532	2022/06/15 11:25 2022/06/15 11:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34532:202206151125:SR G AC34532:202206151125:SR G		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	<0.020	0.98 ug/L ug/L			ug/L ug/L	0.1	ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC34532	2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34532:202206151125:SR G		Zinc, dissolved	7440-66-6		6.1 ug/L			ug/L		ug/L		3 ALS Environmental Kelso	
AC34532	2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34532:202206151125:SR G		E. Coli	68583-22-2		385 MPN/100ml			MPN/100ml		MPN/100ml	COLILERT/2000	Clackamas County-Water	
AC34532 AC34532	2022/06/15 11:25 2022/06/15 11:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34532:202206151125:SR G AC34532:202206151125:SR G		Total Hardness Ammonia-nitrogen	N/A N/A	0	68 mg/l CaCO3 028 mg/L			mg/I CaCO3 mg/L	0.025	mg/I CaCO3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC34532	2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34532:202206151125:SR G		Nitrate/Nitrite as N	14797-55-8		0.62 mg/L		0.0625		0.0625		4500-NO3(F)	Clackamas County-Water	
AC34532 AC34532	2022/06/15 11:25 2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34532:202206151125:SR G AC34532:202206151125:SR G		Orthophosphate Phosphorus	14265-44-2		0.01 mg/L			mg/L	0.025		4500-P-F	Clackamas County-Water ALS Environmental Kelso	
AC34532 AC34532	2022/06/15 11:25 2022/06/15 11:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34532:202206151125:SR G AC34532:202206151125:SR G		Phosphorus Acidity, hydrogen ion (H+)	7723-14-0 N/A		0.06 mg/L 7.4 SU		N/A N/A	mg/L SU		mg/L SU	4500-H+B	Clackamas County-Water	
AC34532	2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34532:202206151125:SR F	ield Meter	Conductivity	N/A	1	84.6 uS/cm		N/A	uS/cm	N/A	uS/cm	2510	O Clackamas County-Water	AC34532
AC34532 AC34532	2022/06/15 11:25 2022/06/15 11:25	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34532:202206151125:SR F AC34532:202206151125:SR F		Temperature, water Total Dissolved Solids	N/A N/A		14.3 deg C 115 mg/L		N/A 5.6	deg C mg/L		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC34532	2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34532:202206151125:SR G	irab	Total Suspended Solids	N/A		3 mg/L			mg/L		mg/L	2540-C	Clackamas County-Water	
AC34532	2022/06/15 11:25	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34532:202206151125:SR G		Total Solids	N/A		125 mg/L		5	mg/L		mg/L	2540-B	Clackamas County-Water	
AC34532 AC34533	2022/06/15 11:25 2022/06/15 10:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34532:202206151125:SR G AC34533:202206151000:SR G		Dissolved Oxygen Copper	N/A 7440-50-8		8.7 mg/L 0.8 ug/L			mg/L ug/L		mg/L ug/L	4500-O-C 200.8	Clackamas County-Water 3 ALS Environmental Kelso	
AC34533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR G	irab	Lead	7439-92-1	0	129 ug/L			ug/L	0.01	ug/L	200.8	3 ALS Environmental Kelso	AC34533
AC34533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR G AC34533:202206151000:SR G		Zinc Copport dissolved	7440-66-6		2.1 ug/L			ug/L		ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC34533 AC34533	2022/06/15 10:00 2022/06/15 10:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34533:202206151000:SR G AC34533:202206151000:SR G		Copper, dissolved Lead, dissolved	7440-50-8 7439-92-1	<0.020	0.61 ug/L ug/L			ug/L ug/L		ug/L ug/L		3 ALS Environmental Kelso 3 ALS Environmental Kelso	
AC34533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR G	irab	Zinc, dissolved	7440-66-6	<2.0	ug/L		1	ug/L	1	ug/L	200.8	3 ALS Environmental Kelso	AC34533
AC34533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR G		E. Coli Total Hardness	68583-22-2		238 MPN/100ml			MPN/100ml		MPN/100ml		Clackamas County-Water	
AC34533 AC34533	2022/06/15 10:00 2022/06/15 10:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34533:202206151000:SR G AC34533:202206151000:SR G		Total Hardness Ammonia-nitrogen	N/A N/A	<0.0205	42 mg/l CaCO3 mg/L			mg/I CaCO3 mg/L	0.025	mg/I CaCO3 mg/L	2340c 4500-NH3 G	Clackamas County-Water Clackamas County-Water	
AC34533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR G	irab	Nitrate/Nitrite as N	14797-55-8		0.89 mg/L		0.0625	mg/L	0.0625	mg/L	4500-NO3(F)	Clackamas County-Water	AC34533
AC34533 AC34533	2022/06/15 10:00 2022/06/15 10:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34533:202206151000:SR G AC34533:202206151000:SR G		Orthophosphate Phosphorus	14265-44-2 7723-14-0		008 mg/L D.04 mg/L		0.025 N/A	mg/L mg/l	0.025	mg/L mg/L	4500-P-F	Clackamas County-Water 3 ALS Environmental Kelso	
AC34533 AC34533	2022/06/15 10:00	PDT ("Mar-Oct) PDT ("Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR G		Acidity, hydrogen ion (H+)	N/A		7.7 SU		N/A N/A	mg/L SU		SU	4500-H+B	Clackamas County-Water	
AC34533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR F	ield Meter	Conductivity	N/A	1	40.5 uS/cm		N/A	uS/cm	N/A	uS/cm		O Clackamas County-Water	AC34533
AC34533 AC34533	2022/06/15 10:00 2022/06/15 10:00	PDT (~Mar-Oct) PDT (~Mar-Oct)	Surface Water Surface Water	Sample-Routine Sample-Routine	AC34533:202206151000:SR F AC34533:202206151000:SR F		Temperature, water Total Dissolved Solids	N/A N/A		13.3 deg C 77 mg/L		N/A 5.6	deg C mg/L		deg C mg/L	2550 B 2540-C	Clackamas County-Water Clackamas County-Water	
AC34533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR G		Total Suspended Solids	N/A		2.2 mg/L			mg/L		mg/L	2540-D	Clackamas County-Water	
AC34533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine	AC34533:202206151000:SR G		Total Solids	N/A		84 mg/L			mg/L		mg/L	2540-B	Clackamas County-Water	
DI 30533	2022/06/15 10:00	PDT (~Mar-Oct)	Surface Water	Sample-Routine Sample-Routine	AC34533:202206151000:SR G AC34534:202206150851:SR G		Dissolved Oxygen Copper	N/A 7440-50-8		9.9 mg/L 1.56 ug/L			mg/L ug/L		mg/L ug/L	4500-O-C 200 8	Clackamas County-Water 3 ALS Environmental Kelso	
AC34533 AC34534	2022/06/15 08:51	PDT (~Mar-Oct)	Surface Water															

Monitoring Location	Activity Start Activity Sta		Activity Type	Activity ID (Locked)	nCharacteristic Name	CAS Number	Result Va	lue Result Unit	Result Measure	Detection Limit Detection Lim				Laboratory Name	Lab Sample ID
	Date Time	Time Zone Subdivision	Name	Method					Qualifier	Value <u>Unit</u>	Valu		Method ID		
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Zinc	7440-66-6		24.5 ug/L		1 ug/L		1 ug/L		0.8 ALS Environmental Kelso	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Copper, dissolved	7440-50-8		1.18 ug/L		0.1 ug/L		0.1 ug/L		0.8 ALS Environmental Kelso	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Lead, dissolved	7439-92-1	<0.020	ug/L		0.02 ug/L		0.02 ug/L		0.8 ALS Environmental Kelso	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Zinc, dissolved	7440-66-6		22.1 ug/L		1 ug/L		1 ug/L		0.8 ALS Environmental Kelso	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	E. Coli	68583-22-2		112 MPN/100ml		1 MPN/100ml		1 MPN/100ml	COLILERT/2000	Clackamas County-Wate	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Total Hardness	N/A		81 mg/l CaCO3		5.3 mg/l CaCO3		5.3 mg/l CaCO3	2340c	Clackamas County-Wate	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Ammonia-nitrogen	N/A	<0.0205	mg/L		0.01 mg/L		0.025 mg/L	4500-NH3 G	Clackamas County-Wate	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Nitrate/Nitrite as N	14797-55-8		0.24 mg/L		0.0625 mg/L		0.0625 mg/L	4500-NO3(F)	Clackamas County-Wate	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Orthophosphate	14265-44-2		0.01 mg/L		0.025 mg/L		0.025 mg/L	4500-P-F	Clackamas County-Wate	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Phosphorus	7723-14-0		0.05 mg/L		N/A mg/L		0.02 mg/L		5.3 ALS Environmental Kelso	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Acidity, hydrogen ion (H+)	N/A		7.2 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Wate	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Field Meter	Conductivity	N/A		202 uS/cm		N/A uS/cm	N/A	uS/cm		10 Clackamas County-Wate	r AC34534
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Field Meter	Temperature, water	N/A		14.6 deg C		N/A deg C	N/A	deg C	2550 B	Clackamas County-Wate	r AC34534
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Field Meter	Total Dissolved Solids	N/A		123 mg/L		5.6 mg/L		5.6 mg/L	2540-C	Clackamas County-Wate	r AC34534
AC34534	2022/06/15 08:51	PDT ("Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Total Suspended Solids	N/A		1.4 mg/L		1.17 mg/L		1.17 mg/L	2540-D	Clackamas County-Wate	
AC34534	2022/06/15 08:51	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Total Solids	N/A		132 mg/L		5 mg/L		5 mg/L	2540-B	Clackamas County-Wate	r AC34534
AC34534	2022/06/15 08:51	PDT ("Mar-Oct) Surface Water	Sample-Routine	AC34534:202206150851:SR Grab	Dissolved Oxygen	N/A		8.5 mg/L		0.02 mg/L		0.02 mg/L	4500-O-C	Clackamas County-Wate	r AC34534
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Copper	7440-50-8		1.35 ug/L		0.1 ug/L		0.1 ug/L	200	0.8 ALS Environmental Kelso	AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Lead	7439-92-1		0.221 ug/L		0.01 ug/L		0.01 ug/L	200	0.8 ALS Environmental Kelso	AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Zinc	7440-66-6		10.2 ug/L		1 ug/L		1 ug/L	200	0.8 ALS Environmental Kelso	AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Copper, dissolved	7440-50-8		0.97 ug/L		0.1 ug/L		0.1 ug/L	200	0.8 ALS Environmental Kelso	AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Lead, dissolved	7439-92-1	< 0.020	ug/L		0.02 ug/L		0.02 ug/L	200	0.8 ALS Environmental Kelso	AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Zinc, dissolved	7440-66-6		6.3 ug/L		1 ug/L		1 ug/L	200	0.8 ALS Environmental Kelso	AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	E. Coli	68583-22-2		179 MPN/100ml		1 MPN/100ml		1 MPN/100ml	COLILERT/2000	Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Total Hardness	N/A		72 mg/I CaCO3		5.3 mg/l CaCO3		5.3 mg/l CaCO3	2340c	Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Ammonia-nitrogen	N/A	< 0.0205	mg/L		0.01 mg/L		0.025 mg/L	4500-NH3 G	Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Nitrate/Nitrite as N	14797-55-8		0.85 mg/L		0.0625 mg/L		0.0625 mg/L	4500-NO3(F)	Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Orthophosphate	14265-44-2		0.03 mg/L		0.025 mg/L		0.025 mg/L	4500-P-F	Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Phosphorus	7723-14-0		0.1 mg/L		N/A mg/L		0.02 mg/L	365	3.3 ALS Environmental Kelso	AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Acidity, hydrogen ion (H+)	N/A		7.5 SU		N/A SU	N/A	SU	4500-H+B	Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Field Meter	Conductivity	N/A		181.8 uS/cm		N/A uS/cm	N/A	uS/cm	25	10 Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Field Meter	Temperature, water	N/A		14.5 deg C		N/A deg C	N/A	deg C	2550 B	Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Field Meter	Total Dissolved Solids	N/A		129 mg/L		5.6 mg/L		5.6 mg/L	2540-C	Clackamas County-Wate	r AC34535
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Total Suspended Solids	N/A		4 mg/L		1.17 mg/L		1.17 mg/L	2540-D	Clackamas County-Wate	r AC34535
C34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Total Solids	N/A		141 mg/L		5 mg/L		5 mg/L	2540-B	Clackamas County-Wate	
AC34535	2022/06/15 11:55	PDT (~Mar-Oct) Surface Water	Sample-Routine	AC34535:202206151155:SR Grab	Dissolved Oxygen	N/A		9.4 mg/L		0.02 mg/L		0.02 mg/L	4500-O-C	Clackamas County-Wate	