



CITY OF PORTLAND ENVIRONMENTAL SERVICES



1120 SW Fifth Avenue, Suite 613, Portland, Oregon 97204 ■ Amanda Fritz, Commissioner ■ Michael Jordan, Director

November 1, 2020

Mr. David Palais
UIC Senior Hydrogeologist
Oregon Department of Environmental Quality, Northwest Region
700 NE Multnomah Street, Suite 600
Portland, Oregon 97232

**Subject: Submittal of UICMP Annual Report No. 5 (2015 Permit) and Revised Systemwide Assessment
City of Portland
DEQ Water Pollution Control Facilities Permit No. 102830**

Dear Mr. Palais:

The City of Portland's Bureau of Environmental Services is pleased to submit the *Underground Injection Control Management Plan Annual Report No. 5 (2015 Permit) – Fiscal Year 2019-2020*. This annual report was prepared in accordance with the City's 2015 Water Pollution Control Facilities (WPCF) permit (DEQ Permit No.102830) for the City's Class V Stormwater Underground Injection Control (UIC) Systems.

The City's March 24, 2015 *UIC Management Plan (UICMP)* was approved by DEQ in Schedule D(5) of the 2015 Permit. The UICMP describes the activities the City will implement throughout the permit term (June 1, 2015 – May 31, 2025) to protect groundwater and meet WPCF Permit requirements.

This *UICMP Annual Report No. 5 (2015 Permit)* summarizes programmatic activities implemented by the City in fiscal year (FY) 2019-20 (July 1, 2019 – June 30, 2020) and proposed for the coming FY 2020-21. Key accomplishments and proposed activities are organized and described relative to the following three UIC program elements:

- **System Management** summarizes UIC-specific and citywide actions implemented under five BMP categories to prevent, minimize, and control pollutants prior to infiltration. As required by the 2015 Permit, this annual report documents the findings of the 5-year review of the *Systemwide Assessment*.
- **System Monitoring** summarizes the results of UIC permit-required monitoring conducted under the *Stormwater Discharge Monitoring Plan (SDMP)* (March 2015).

- As required by the 2015 Permit, this annual report documents the findings of the 5-year review of the SDMP.
- **Response** provides an overview of response actions conducted to protect groundwater and meet permit requirements.

The report also contains the following appendices:

Appendix A: Revised *Systemwide Assessment*, as required by the 2015 Permit

Appendix B: UICs Added and Removed from Service during FY 19-20 (Closure reports for decommissioned UICs are provided as a separate file)

Appendix C: Spills That Have Occurred within Areas Serviced by UICs

Appendix D: Year 5 (2015 Permit) Annual Stormwater Discharge Monitoring Data, Shallow Groundwater UICs - Letter Report (Laboratory reports and Excel database are provided as separate files)

If you have questions or need additional information, please call me at 503-823-6997. I look forward to our continued collaboration on implementing the WPCF Permit.

Sincerely,



Joel A. Bowker, RG
Underground Injection Control Program Manager
City of Portland
Bureau of Environmental Services

Enclosures:

- *Underground Injection Control Management Plan Annual Report No.5 (2015 Permit) - 1* hard copy (w/ enclosed electronic copy)

cc: Barbara Adkins, Stormwater Regulatory Strategy Manager
UIC project file w/ enclosures

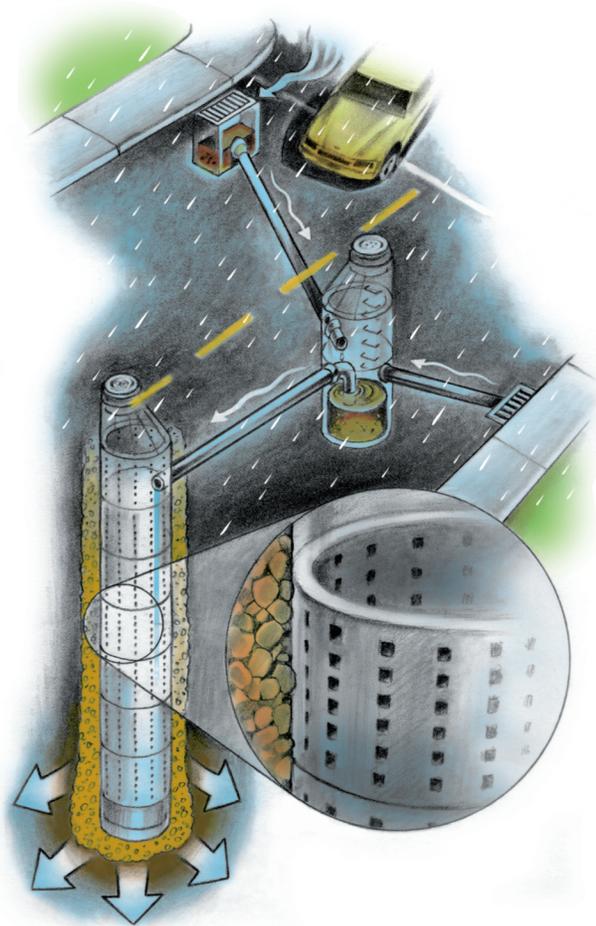
Underground Injection Control Management Plan

Water Pollution
Control
Facilities (WPCF)
Permit

Class V Stormwater
Underground
Injection Control
Systems

DEQ Permit
Number
102830

■
Annual Report
Year 5 (2015 Permit)
Fiscal Year 2019-2020
(July 1, 2019 – June 30, 2020)



November 1, 2020



ENVIRONMENTAL SERVICES
CITY OF PORTLAND

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City of Portland, Oregon

**Water Pollution Control Facilities (WPCF) Permit For
Class V Stormwater Underground Injection Control Systems**

Permit Number: 102830

Underground Injection Control Management Plan Annual Report No. 5 (2015 Permit)

**Fiscal Year 2019–2020
(July 1, 2019, to June 30, 2020)**

November 1, 2020

Prepared By:
City of Portland, Bureau of Environmental Services

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C	Spills That Have Occurred Within Areas Serviced by UICs
D	Year 5 (2015 Permit) Stormwater Discharge Monitoring Data, Shallow Groundwater UICs (Laboratory reports and Excel spreadsheet are provided on a separate CD)

Acronyms and Abbreviations

BDS	Bureau of Development Services
BMP	best management practice
BPS	Bureau of Planning and Sustainability
CSSWF	Columbia South Shore Well Field
DEQ	Oregon Department of Environmental Quality
ET	Education and Training
FY	fiscal year
GWPD	groundwater protectiveness demonstration
OM	operations and maintenance
PC	Pollution Control
PBOT	Portland Bureau of Transportation
PM	Program Management
PP&R	Portland Parks and Recreation
ROW	right-of-way
SA	Systemwide Assessment
SDC	system development charge
SDMP	Stormwater Discharge Monitoring Plan
SMF	stormwater management facility
SPCR	Spill Protection-Citizen Response
SWMM	Stormwater Management Manual
UIC	underground injection control
UICMP	UIC Management Plan
WHPA	Wellhead Protection Area
WPCF	Water Pollution Control Facility

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Executive Summary

Introduction

This *Underground Injection Control Management Plan (UICMP) Annual Report No. 5 (2015 Permit)* is submitted to the Oregon Department of Environmental Quality (DEQ) to fulfill reporting requirements for the City of Portland's (City's) Water Pollution Control Facilities (WPCF) Permit for Class V Stormwater Underground Injection Control (UIC) Systems. This report summarizes UIC Program activities during the 2015 Permit reporting year, Year 5 (July 1, 2019, through June 30, 2020).

Background

DEQ issued the City's second WPCF Permit on May 19, 2015. As required by the Permit, the City submitted a UICMP, which DEQ approved on March 24, 2015. The UICMP describes the activities the City will implement throughout the second permit term (June 1, 2015, to May 31, 2025) to protect groundwater and meet WPCF Permit requirements. The Permit also requires the City to submit a UICMP annual report that summarizes the status of implementing the UICMP and each of its components.

The UICMP and the annual report are organized into the following major program elements:

- **System Management** includes ongoing, programmatic activities (best management practices, or BMPs) that prevent, minimize, or control pollutants.
- **System Monitoring** includes ongoing actions to demonstrate that UICs are operated in a manner that protects groundwater and meets WPCF Permit conditions.
- **Response** describes the process and criteria used to identify and implement actions needed to protect groundwater and meet Permit requirements. Corrective actions address UICs that do not meet WPCF Permit requirements.

This annual report describes the activities that occurred from July 1, 2019, through June 30, 2020 (FY 2019–20) in each of these areas. Key accomplishments are summarized below and described in more detail in the body of the report.

Key Accomplishments

Many City stormwater programs focus on preventing adverse impacts to its stormwater management system. In turn, these programs increase the level of protection for groundwater and surface water and improve the overall health of the City's watersheds. Though some of the key accomplishments summarized below are UIC-specific management actions, many are implemented on a citywide basis and help the City manage stormwater as a whole and not just in the areas where stormwater is discharged through UICs.

System Management

UIC-Specific Management Actions

- Continued ongoing evaluation of City UIC characteristics to update the UIC Registration Database; submitted Revised Systemwide Assessment to DEQ with this report.
- Reviewed Stormwater Discharge Monitoring Plan for potential updates. No updates were determined to be needed. Results are submitted to DEQ with this report.
- Received and responded to 59 calls regarding spills located within or near an area where UICs are the primary method of stormwater management.
- Continued to educate and train employees on WPCF Permit requirements and groundwater protection, including duty officer training on the Bureau of Environmental Services (BES) spill response hotline and procedures.
- Coordinated with other bureaus on source control, operations and maintenance (OM), spill prevention and response, and development review for UICs and groundwater protection.
- Provided ongoing coordination with other City bureaus that own UICs. Responded to UIC site-specific questions and discussed OM practices.
- Coordinated with the City's Bureau of Development Services on UIC design standards and on the City's review and approval process for UICs registered on private property.
- Cleaned approximately 1,444 UIC sedimentation and sump manholes.
- Continued evaluation of the review and approval process for private UICs to achieve a more streamlined and consistent registration process for both public and private UICs.

Citywide Management Actions

- Issued 55 enforcement actions in response to pollution complaints citywide, with proposed penalties and costs totaling \$108,098.
- Conducted 145 groundwater-related inspections in the Columbia South Shore Well Field Wellhead Protection Area (CSSWF WHPA; excluding Gresham and Fairview) of regulated businesses.
- Conducted 631 case reviews for source control measures (citywide) at commercial and industrial properties subject to the City's *Stormwater Management Manual* requirements. Required and installed 1,404 source control measures at these commercial and industrial properties citywide.
- As a partner, administered about 10 clean-up collection events citywide to help prevent illegal dumping.
- Conducted and approved 4,275 erosion control-related inspections of private construction sites citywide. (Erosion control inspections resulted in 1,887 enforcement actions and corrections notifications).
- Inspected 155 active public construction projects citywide with erosion control components.
- Involved approximately 13,356 students citywide in activities and presentations that teach the causes and effects of water pollution and how to protect water resources. This represents a

drop in participation as a result of school closure and physical distancing protocols that began in March 2020 due to the COVID-19 pandemic.

- Participated in numerous community activities and events involving stormwater management and watershed protection issues and actions. Awarded 13 grants totaling \$110,215 to encourage watershed protection, including promoting stormwater infiltration projects.
- Partnered to make 870 outreach contacts and provided technical assistance to 39 businesses affected by the CSSWF Wellhead Protection Program.
- Maintained over 20 BMP fact sheets online for commercial and industrial site operators. During FY 219-20, the most-viewed fact sheets discussed catch basin maintenance (approximately 1,202 views), sand-blasting and painting operations (approximately 566 views), and preparing emergency response and spill clean-up plans (approximately 255 views).
- Inspected and mapped private stormwater management facilities at 690 properties with 1,682 total facilities for compliance with BES-approved OM agreements. Issued 55 enforcement actions.
- Cleaned approximately 9,385 storm inlets citywide.
- Swept major arterials four to six times during the year, residential streets approximately once per year, and downtown core streets three to five times per week.

System Monitoring

- Implemented FY 2019–20 stormwater compliance monitoring. Sampled 15 UICs located in areas of shallow groundwater and tested for pollutants required by the 2015 Permit.
- Compiled and evaluated stormwater data included with this report. There were no FY 2019–20 exceedances of 2015 Permit action levels.

Response

- Evaluated UICs for corrective action response due to database updates, monitoring results, or spill response.
- Evaluated FY 2019–20 data to ensure that no major changes occurred in the City’s depth-to-groundwater estimates and evaluated monitoring data to confirm the results of groundwater protectiveness demonstrations conducted during the 2005 Permit term.
- Confirmed no new UICs needed corrective action during FY 2019–20.

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1 Introduction

1.1 Overview

The Oregon Department of Environmental Quality (DEQ) renewed the City of Portland’s (City’s) Water Pollution Control Facilities (WPCF) Permit for Class V Stormwater Underground Injection Control Systems (UICs; Permit No. 102830) on May 19, 2015.¹ As required by this 2015 Permit, the City submitted a UIC Management Plan (UICMP), which DEQ approved on March 24, 2015. The UICMP describes the activities the City will implement throughout the 2015 Permit term (June 1, 2015, to May 31, 2025) to protect groundwater and meet WPCF Permit requirements.

The 2015 Permit also requires the City to submit a UICMP annual report that summarizes the status of implementing the UICMP and each of its components. Accordingly, this annual report provides information about key accomplishments during the fifth fiscal year of permit implementation (July 1, 2019, through June 30, 2020, also known as FY 2019–20) and identifies activities planned for implementation in the next fiscal year where applicable.

Table 1-1 summarizes the 2015 Permit requirements for the annual report and identifies where the requirements are addressed in this annual report.

Table 1-1. Summary of the City’s 2015 Permit Annual Report Requirements

Annual Report Requirement (as identified in Schedule B.5 of the 2015 Permit)	Where Requirement Is Addressed in this Annual Report
System Monitoring	
Results of stormwater monitoring conducted in accordance with the Stormwater Discharge Monitoring Plan	Appendix D and Section 3.1.1
Spreadsheet of all data from sampled UICs provided in analytical laboratory reports	
Evaluate and report trends in emerging pollutant types and concentrations required by Schedule D, Condition 6 (<i>fourth year and ninth year annual reports only</i>)	
Discuss any Schedule A, Table 1, action-level exceedances, and actions taken to address the exceedances	

¹ Information about the City’s first WPCF Permit term (2005–2015) can be found in its annual UICMP reports for 2005 through 2015.

System Management	
Description of actions taken to implement the UICMP. <i>UICMP requirements are as follows:</i>	Section 2: Key accomplishments are listed for each best management practice (BMP)
Decommissioning activities	Section 2.2.1 and Appendix B
Employee education and public outreach	ET-1, ET-2
Operations and maintenance and inspection protocols	OM-1, OM-2, OM-3, ET-2
Accidental spills/illicit disposal	ET-1, ET-3, PC-1, PC-2
Preventing discharge of stormwater from refueling areas, hazardous/toxic material storage/handling areas, materials storage/handling areas, or other discharges that may contain pollutants above levels of concern ²	ET-2, ET-3, OM-3, PC-1, SA-1
Housekeeping practices to protect groundwater quality	ET-2, ET-3, OM-1, OM-2
Facility designs and practices that block discharges to UICs	PC-1, PM-1
Site control measures and BMPs (Schedule A, Condition 7)	OM-1, PC-1
Description of any proposed modifications to the UICMP	Section 1.5
Description of any additional actions taken to manage the UIC system to ensure groundwater protection	Section 2.8
Description of any actions included in the UICMP that were not completed and why	Section 2.9
Identification of UICs closed, retrofitted, or installed during the year	Section 2.2.1 and Appendix B
Future (in the next year) plans to install, modify, convert, or close any UIC	Section 2.7
Changes to key personnel or areas of responsibilities for the permit	Section 1.4.2
Identification of any newly discovered UICs	Section 2.2.1 and Appendix B
Adaptive Management	Section 2.10

² The Systemwide Assessment (2015) did not identify any City-owned or -operated UICs located in refueling areas, hazardous or toxic material storage or handling areas, or materials storage or handling areas.

Response	
Progress reporting on corrective actions	Section 4
Report of all instances of noncompliance and other permit violations that are not reported per Schedule F.4.e. (compliance schedule) or F.4.f (24-hour and 5-day reporting)	Section 4.5

1.2 Overview of the UICMP

The UICMP meets the requirements of the City’s 2015 UIC WPCF Permit. These requirements specify that the City prepare and implement a written UICMP that includes a systemwide assessment, system controls, monitoring, and a plan for recordkeeping and reporting.

The UICMP is organized into the following three major elements:

- **System Management** includes ongoing, programmatic activities (best management practices, or BMPs) that prevent, minimize, or control pollutants before they discharge to a UIC. BMPs include structural, nonstructural, and institutional controls. They are organized into the following five categories:
 - Systemwide Assessment
 - Pollution Control
 - Education and Training
 - Operations and Maintenance
 - Program Management
- **System Monitoring** includes ongoing actions to demonstrate that UICs are operated in a manner that protects groundwater and meets WPCF Permit conditions.
- **Response** uses data and information from system monitoring and system management to identify any UICs that may be a threat to groundwater protection and thus are out of compliance with the Permit. When a UIC is identified as such, a corrective action is required to evaluate the threat and may result in either further action to bring the UIC into compliance or closure of the UIC. The objective of the response is to improve or correct conditions at a UIC or group of UICs.

1.3 Legal Authority

The Charter of the City of Portland grants broad authority to the City “to exercise any power or authority granted to the City by statute... and [provides that the City] may do any other act necessary or appropriate to carry out such authority, or exercise any other power implied by the specific power granted.” Such authority includes, among other things, “all powers commonly known as the police power to the same extent as the State of Oregon has or could exercise said

power... and to make and enforce... all necessary or appropriate water, local, police, sanitary and safety laws and regulations” (Chapter 2-105, *Charter of the City of Portland, Oregon*).

In addition, the Portland City Code addresses the regulation of stormwater discharges, building requirements, zoning, erosion and sediment control, and public improvements in Chapters 10, 17, 24, 29, and 33, respectively. Chapters 17.38 and 17.39 specifically address Drainage and Water Quality and Stormwater Discharges, respectively.

1.4 UIC Program Staff

1.4.1 Key Roles and Responsibilities

The 2015 Permit designates the Bureau of Environmental Services (BES) as the bureau responsible for implementing the Permit and for identifying and managing the regulatory and technical components of the UIC Program citywide and across bureaus. Key staff roles and responsibilities for the UIC Program are summarized in the UICMP.

1.4.2 Personnel Changes

There were no personnel changes in UIC Program staff in FY 2019–20.

1.5 Proposed Changes to the UICMP

There are no proposed changes to the UICMP at this time.

1.6 City Budget and Funding

The City has invested more than \$2 billion in stormwater management services and facilities over the past 25 years.³ The revenue requirements for FY 2019-20 were allocated as described in Table 1-2:

Table 1-2: Stormwater Program Expenditures

Major Program Category	Revenue Requirements (<i>millions</i>)		Percent Change
	2010–11	2019-20	
Enforcement and Development Review	\$5.8	\$18.1	211.9%
Watershed Program and Habitat Restoration	\$18.3	\$25.6	39.6%
Facilities Operations and Maintenance	\$21.0	\$31.7	50.8%
Capital Improvements*	\$45.8	\$67.5	47.3%
Total Expenditures	\$90.9	\$142.8	57.1%

* Includes debt service, facilities planning and engineering, construction engineering, and construction contracts.

In FY 2020–21, the City plans to invest \$193.6 million in stormwater management services and facilities. Direct monthly user fees will pay for 93 percent of these investments.

³ The 25-year time period reflects the implementation period of the City’s National Pollutant Discharge Elimination System permit.

Stormwater Management Charges

Portland City Council approves revised stormwater system monthly user fees at the start of each fiscal year. Monthly system user fees are adjusted to reflect operating, maintenance, and capital costs of the City’s sanitary sewer and drainage system. The rate adjustments are based upon cost-of-service principles, ensuring equity by charging ratepayers according to the amount of sewer and drainage service they use.

Table 1-3 reports the change in the monthly single-family stormwater management charge and in the residential and nonresidential monthly stormwater rate per 1,000 square feet of impervious area, between 2010 and 2020.

Table 1-3. Stormwater Management Charges and Rates

Stormwater Management Monthly Charges and Rates	2010–11	2019-20	Percent Change
Single-family residential charge	\$21.79	\$29.66	36.2%
Residential rate (\$/1,000 ft ² impervious area)	\$9.08	\$12.36	36.1%
Nonresidential rate (\$/1,000 ft ² impervious area)	\$9.66	\$13.02	34.8%

Stormwater System Development Charges

In addition to stormwater system monthly user fees, Portland City Council also approves revised stormwater system development charges (SDCs) for new development and significant redevelopment at the start of each fiscal year.

The methodology for assessing SDCs includes two components. The first component, onsite runoff management, represents the charge for stormwater facilities that handle runoff from individual properties. For FY 2019-20, this onsite portion is assessed based on \$242 per 1,000 square feet of impervious area (see Table 1-4). Riparian properties that drain directly to the Columbia Slough, Columbia River, or Willamette River are exempt from this portion of the SDC.

The second component, public right-of-way (ROW) runoff management, represents the cost of stormwater facilities that handle runoff from public ROWs. This portion is assessed based on the use of the transportation system, using road frontage and vehicle trips associated with the proposed development to allocate the costs. For FY 2019-20, the rates were \$7.69 per linear foot and \$4.21 per vehicle trip.

Discounts may be granted only for the “onsite” part of the charge for facilities constructed as part of new development. Discounts range from 80% for retention of the 100-year event to zero discount for control of the 10-year storm.

Table 1-4. Stormwater System Development Charges (SDCs) and Rates

SDC Charges and Rates	2010–11	2019-20	Percent Change
Onsite portion (\$/1,000 ft ²)	\$154.00	\$242.00	57.1%
ROW portion (\$/linear foot of frontage)	\$4.78	\$7.69	60.9%
ROW portion (\$/vehicle trips)	\$2.51	\$4.21	67.7%

1.7 Organization of the Annual Report

The remainder of this annual report contains the following sections:

Section 2: System Management identifies citywide BMPs implemented to prevent, minimize, and control pollutants prior to infiltration. Where relevant, it also identifies projected main activities for FY 2020–21. The following appendices provide additional detail about System Management activities:

Appendix A is the Revised Systemwide Assessment.

Appendix B identifies UICs added and removed from service during FY 2019–20 (including closure reports for decommissioned UICs, provided on a separate CD).

Appendix C identifies spills that occurred within areas serviced by UICs.

Section 3: System Monitoring summarizes compliance monitoring.

Appendix D presents the annual results of the City’s 2015 Permit-required UIC monitoring.

Section 4: Response identifies response actions conducted during FY 2019–20 and those projected for next fiscal year (FY 2020–21).

2 System Management

2.1 Overview

The System Management program element involves a series of actions, called BMPs, that serve to prevent, minimize, and control pollutants in stormwater prior to discharge to a UIC. These BMPs are organized into the following five general categories and are applied to the entire UIC system on an ongoing basis:

- Systemwide Assessment
- Pollution Control
- Education and Training
- Operations and Maintenance
- Program Management

Although this report is focused on the City's management of its UIC system, it is important to understand that many programs detailed in this section provide stormwater management benefits (improved water quality, groundwater and stormwater protection, and increases in overall watershed health) across the entire City and not just to areas that discharge stormwater to UICs.

2.2 Systemwide Assessment (SA)

The purpose of the SA BMP is to identify, evaluate, track, and report on spatial and physical characteristics of existing and new City-owned and -operated UICs. This enables the City to evaluate whether drainage entering individual UICs may pose a risk to groundwater, as well as to overall watershed health, as a result of these characteristics. Ongoing activities necessary to provide stormwater drainage infrastructure include the registration and construction of new UICs, replacement of existing UICs, and decommissioning of existing UICs. This BMP category focuses on updating information related to the location and physical characteristics of existing and new UICs. It fulfills two WPCF Permit requirements:

- Develop and implement a comprehensive UIC Registration Database.
- Evaluate UICs for factors that could present a risk to groundwater quality.

The 2015 Permit requires the SA to be revised at the end of the fifth year of the permit term. A review of the 2015 SA was completed during FY 2019–20 and found that the 2015 SA analysis methods are still valid. Though no new processes have been used as part of the revised SA, some of the static datasets that are used during analysis have been updated. More specifically, the coverage of domestic use wells and the inventory of businesses in areas served by UICs have been redone as part of the revised SA. Because the overall inventory of City-owned UICs and their physical attributes are updated yearly and provided to DEQ as part of the annual reporting process, the update to the two identified datasets is not considered a significant update. The 2015 Permit indicates that, if no significant changes have occurred, the fifth year SA may be included in the annual UIC Report. In addition, DEQ approved the submittal of the revised SA with this annual UIC Report, via an email dated November 19, 2019. The revised SA describes the

processes and how the City has updated existing datasets to reevaluate the City’s UICs, and the revised SA is being submitted as Appendix A of this report.

SA-1: Inventory and Assess City-Owned UICs

2.2.1 SA-1: Key Accomplishments

- Submitted UIC Registration Database updates to DEQ with this report. All updated UIC database information will be posted by November 1, 2020, to the City’s FTP site, where it can be accessed by DEQ. The files provide information on all new and removed UIC as well as any attribute changes to existing information currently included in the UIC Database.
- Identified 86 new public UIC⁴ records in UIC Registration Database updates. These UIC records are listed in Appendix B.
- Removed or changed the status⁵ of 38 public UIC records in UIC Registration Database updates. These records are listed in Appendix B.
- During FY 2019–20, four UICs were decommissioned. Closure reports are included on a CD as part of Appendix B.
- Other changes to database records made as part of the database update include the following:

Updates	Database Record
38	Maintenance period
45	Operational status
22	Addresses
20	Latitude
20	Longitude
6,068	Distance to the nearest water well ⁶
23	Distance to the nearest wetland
155	Distance to the nearest surface water
6	Size of impervious area
46	UIC pretreatment
8	Installation date
91	UIC depth and diameter

⁴ Some UICs identified as new facilities may not be recently discovered or newly constructed UICs. UICs may be identified as new due to database management. For example, correcting a database identifier for a facility from “sedimentation manhole” to “UIC” would make the UIC appear to be a new sump in the BES database, even though the facility itself is not new.

⁵ The reasons for removal may include identification as not existing through field investigations, change in ownership, or data error. The reason for changing status (e.g., from “active” to “closed”) is UIC decommissioning.

⁶ The drinking water well dataset was updated as part of the FY 2019–20 SA update to incorporate any wells that had been added, removed, or had their type of use changed in the Oregon Water Resources Department, Department of Health Services, and Portland Water Bureau data sources since the 2015 SA. (Additional detail is provided in Appendix A).

Updates	Database Record
207	Depth-to-groundwater (most of these updates are due to a new calculation method resulting in minor changes in rounding)
10,011	Date updated
0	Discharge rate

2.3 Pollution Control (PC)

Activities and practices such as spills, illegal disposal, improper site management, and erosion can increase the discharge of pollutants to public UICs, with potential negative impacts to groundwater. This BMP category focuses on reducing such pollutant discharges from both public and private sites and activities. It fulfills two 2015 Permit requirements:

- Implement spill prevention and pollution control.
- Identify activities conducted on commercial/industrial properties that may result in a violation of action levels in stormwater discharging to a public UIC.

PC-1: Identify, prevent, minimize, and control activities that can increase pollutant discharges to public UICs. These activities include illegal dumping of solid and liquid wastes (such as paint, used motor oil, or solvents) into catch basins; accidental or unplanned discharges (such as car accidents and firefighting activities); site uses that may generate pollutants; and construction site activities.

2.3.1 PC-1: Key Accomplishments

Spill Prevention and Pollution Control

- Continued to respond to pollution complaints citywide and issued enforcement actions for violations of Portland City Code 17.39 for prohibited discharges. During FY 2019–20, issued 55 enforcement actions citywide, with proposed penalties and costs totaling \$108,098.
- Continued to implement City programs, which included improving ongoing citywide pollution control activities to identify and control activities on private properties and commercial/industrial properties where site activities (e.g., illegal disposal, improper storage and handling of materials, and erosion) could result in a violation of action levels in stormwater discharging to a UIC.

Spill Protection-Citizen Response (SPCR) Team

The SPCR team responds immediately to spill emergencies and investigates pollution complaints regarding spills, illegal disposal, improper site management, and erosion. The team supports the entire City, including areas that use UICs for stormwater management. Citizens can call in reports on a dedicated spill response hotline 7 days a week, and staff is available 24 hours a day to respond to spills, slicks, and other suspicious or inappropriate discharges. The program refers problems to other local or state agencies for response and enforcement as appropriate. The SPCR

team also provides education and technical assistance to property owners to improve site management and address work practices that may impact stormwater discharges (see ET-3, Education and Training, Key Accomplishments).

The SPCR team received 59 calls regarding spills located within or near an area where UICs are the primary method for stormwater disposal. Appendix C shows this information in table format, including date, release type, volume, location, identification of the closest City-owned UIC catch basin, and if the spill entered a City-owned UIC.

Of the 59 reported spills, five reached a UIC system. All five UICs were inspected and cleaned. It was determined that, once cleaned, the volumes of paint, auto fluids, and firefighting discharges sent to the UIC systems did not pose a threat to groundwater, and the cases were closed.

Follow-up activities were conducted regarding a release that occurred in 2018 at Starks Auto Shop on 5330 N Columbia Court. The City worked with DEQ to inspect the facility and develop a stormwater management plan that included closure of a private onsite UIC. The City will continue to inspect and review site management activities. The DEQ clean-up program continues to work with the site owner to inform next steps for any continued evaluation of offsite spill impacts.

Regional Spill Response Committee

SPCR participates in the Regional Spill Response Committee, which solicits input about new participants and meeting topics, and the committee increases coordination with emergency responders and planners. The Regional Spill Response Committee includes representatives from various City bureaus, DEQ, the U.S. Coast Guard, Clackamas County Water Environment Services, the Port of Portland, and the City of Gresham. One new position (one full-time employee) was filled in December 2018 with the goal to ramp up to a quarterly meeting schedule over the course of the next permit year. However, during FY 2019–20, the committee did not convene due to a combination of SPCR staff parental and medical leave, a vacant SPCR management position, and the COVID-19 pandemic. SPCR aims to convene quarterly remote meetings by the end of FY 2020–21.

Columbia South Shore Well Field Wellhead Protection Program

The City provides outreach and technical assistance to businesses and residents in the CSSWF WHPA to help them comply with local drinking water source protection regulations. These regulations are designed to prevent contamination of groundwater used as the drinking water source. During FY 2019–20, the City continued to implement the CSSWF Wellhead Protection Program and reference manual for the City of Portland (also in effect in Gresham and Fairview) within the CSSWF WHPA overlay zone. Businesses in the area are required to implement structural and operational BMPs, such as mandatory spill-containment BMPs and facility inspections, to manage harmful chemicals, reduce the occurrence of spills, and minimize spill impacts. The program also includes education and outreach efforts to affected residents and businesses and one-on-one technical assistance to help businesses comply with program requirements (See ET-3).

Key accomplishments include the following:

- Conducted 145 groundwater-related site inspections in the WHPA (excluding Gresham and Fairview) of regulated businesses.
- Provided a groundwater protection workshop for approximately 52 businesses.

Source Control Measures

The City's *Source Control Manual* (formerly part of the *Stormwater Management Manual* [SWMM]) requires storm and sanitary source controls for site uses and characteristics that generate, or have the potential to generate, specific pollutants of concern. These requirements apply to new development and post-development activities that are considered "high-risk" or pollutant-generating. The manual identifies structural, operational, and treatment BMPs designed to prevent or control conventional and toxic pollutants in stormwater, groundwater, and wastewater.

Key accomplishments include the following:

- Conducted 631 case reviews⁷ for source control measures at commercial and industrial properties subject to SWMM requirements.
- Required and installed 1,404 source control measures at these commercial and industrial properties.⁸ These numbers are citywide and are not limited to areas draining to UICs. (Note: When the SWMM is applied, drainage from high-risk areas is prohibited from entering public UICs, and stormwater is managed onsite.)
- Continued to implement the City's 2016 *SWMM* and 2016 *Source Control Manual*.
 - For projects with 500 square feet or more impervious area, onsite infiltration is required to the maximum extent feasible. The SWMM includes a BMP hierarchy to promote infiltration-based and vegetated facility implementation. UICs constructed in the public right-of-way or on private streets must have a sedimentation manhole. UICs in driveways or small parking lots must have a lynch-style catch basin. If these are not possible, a vegetated stormwater management facility is required for pollution reduction.
 - If onsite infiltration is not feasible, onsite stormwater management that overflows to an offsite discharge location is required. Stormwater discharged off site must reduce pollutants of concern (in those watersheds with total maximum daily loads or that are listed on DEQ's 303d list of impaired waters) and for total suspended solids.
 - BES is in the process of revising the SWMM. Changes are focused on updating facility BMP details, reworking engineering assumptions used to size facilities, and increasing the use of orifice control for flow control. The new version of the SWMM is anticipated to become effective in late 2020.

⁷ This includes 374 land use reviews and 257 contaminated site reviews.

⁸ The City reviews and requires source control measures for some projects that never materialize due to development issues, project financing, etc. This metric reflects projects that eventually received final building and occupancy permits and, therefore, were actually constructed. The number includes properties that re-enter the permitting process from previous years, such as redevelopment or tenant improvement projects.

- The City is also in the process of revising the 2016 *Source Control Manual*. The new version is anticipated to be finalized by December 2020.

Prevention of Illegal Disposal

To help prevent illegal dumping, the City continued to implement curbside collection services (residential garbage, recycling, yard debris, and food scrap collection). The City also continued its partnership with neighborhood coalition offices and Metro to administer neighborhood clean-up collection events. During the year, 10 events took place throughout the City. In FY 2019–20, the Bureau of Planning and Sustainability (BPS) began to work with SOLVE to help community groups organize litter pickup activities. Events are posted online at <https://www.solveoregon.org/kprc>.

PC-2: Focus on erosion control during construction activities, on both public and private sites.

2.3.2 PC-2: Key Accomplishments

The City has an erosion control program that applies to both public and private construction projects. Portland City Code Title 10 and the City’s *Erosion and Sediment Control Manual* outline requirements and provide technical guidance for temporary and permanent erosion prevention and for construction-related sediment and pollution control. Program requirements apply to all ground-disturbing activities, regardless of whether a development permit is required, unless such activities are otherwise exempted by Portland City Code. As part of its comprehensive plan to manage stormwater, protect water quality, and promote watershed health, the City implemented the following erosion-control actions citywide:

- Conducted 4,275 erosion control-related inspections of private construction sites. This number includes all inspections (200, 205, 210, and site consultations).
- Inspected all private development sites with qualifying ground disturbance areas for temporary and permanent erosion control measures at the beginning and near or at completion of the project. At interim checks conducted during regular building inspections (or as needed), the inspector noted any erosion control deficiencies, and the site operator was required to implement corrective action.
- As a result of erosion control inspections, the City issued a combined total of 1,887 enforcement actions and correction notifications (i.e., stop work orders, correction notices, and notices of violation).
- Inspected 155 active public construction projects with erosion control components. In general, public sites are inspected daily during construction.
- Additional erosion control activities and accomplishments in FY 2019–20 included the following:

- BDS and BES continued to evaluate and update the *Erosion and Sediment Control Manual*. This process includes a review and update of the existing manual’s structure, BMPs, and usability.
- The Portland Bureau of Transportation (PBOT) provided erosion control program compliance and reporting at preconstruction conferences for 39 PBOT capital improvement projects.

2.4 Education and Training (ET)

The purpose of this Education and Training (ET) BMP category is to inform and educate the public; businesses; and City employees about UICs, groundwater protection, and WPCF Permit conditions. It is also used to promote pollution prevention and source control.

ET-1: Provide education and outreach to members of the public living and working in areas served by UICs. Implement public information, education, involvement, and stewardship activities that will raise awareness, foster community stewardship, and promote pollution prevention, stormwater and groundwater management, and environmental protection.

2.4.1 ET-1: Key Accomplishments

As part of its comprehensive plan to manage stormwater, protect water quality, and promote watershed health, the City has implemented the following actions citywide.

Clean Rivers Education Program

- Reached 4,348 students (grades K–12) with classroom programs that provide hands-on, interactive science education about stormwater and other environmental issues.
- Involved 1,965 students (K–12) in education field programs that offer watershed investigations and field assessments, stormwater tours, career awareness, and green infrastructure tours.
- Provided canoe trips to students in the Columbia Slough watershed. These included classroom studies and stewardship projects related to stormwater pollution.
- Presented *Stormwater - Soak It Up*, a 75-minute classroom program about stormwater runoff and green infrastructure for students in grades 4–12.
- Provided green infrastructure tours. Students visited bioswales, stormwater planters, ecoroofs, areas with porous pavement, and creative downspout disconnections. Students learned how these solutions provide stormwater infiltration to reduce volume, while plants and soil filter pollutants and improve water quality.
- Presented *Watershed Awareness* class, which focuses on common nonpoint sources of pollution and pollution prevention.

- Provided career education classroom programs and field trips, such as tours of the City’s Water Pollution Control Laboratory, for middle- and high-school students.
- Worked with Zenger Farm, located on City property, to provide classroom and field education lessons focused on stormwater management, watershed health, environmental stewardship, and sustainability.

An estimated 13,356 students participated in these activities citywide. This represents a drop in participation as a result of school closure and physical distancing protocols that began in March 2020 due to the COVID-19 pandemic. In particular, the COVID-19 pandemic resulted in reduced public education and outreach activities related to erosion control (Section 2.3.2). For example, activities such as lunch and learns and Take Our Kids to Work Day did not occur as in previous years.

Stewardship Activities and Community Events

- Sponsored, cosponsored, funded, and participated in numerous community activities and events throughout the City’s watersheds that involved stormwater management and watershed protection issues and actions (e.g., workshops, educational presentation and activities, training, and restoration projects). FY 2019–20 examples include the following:
 - Awarded 13 stewardship grants totaling \$110,215. The program provides up to \$12,000 per project to citizens and organizations to encourage watershed protection in Portland. Two awards were given for projects that promoted stormwater infiltration: to Depave for a site in the Johnson Creek watershed, and to Verde for rain gardens in the Columbia Slough watershed.
 - Approximately 200 community and school participants distributed door-hangers with stormwater pollution prevention messages to residences and installed storm drain curb markers.
 - Coordinated with Columbia Slough Watershed Council to provide Slough 101, Groundwater 101, Explorando El Columbia Slough, Canoe the Slough, and Columbia Slough Regatta outreach events. Fifty-eight events were attended by 4,031 participants and 710 volunteers.
 - Coordinated with Johnson Creek Watershed Council and community partners on creek clean-up, student service-learning projects, maintenance and other events. Forty-nine events were attended by 675 participants and 1,577 volunteers.

Stormwater-Related Information

- Included four different inserts on various topics in City water/sewer bills that were mailed to approximately 190,000 customers:
 - Fall 2019: Nature at work
 - Winter 2019/20: Winter rains and flood preparation information

- Spring 2020: Help stop invasive plants. Our parks and natural areas need your help.
- Summer 2020: City of Portland Utilities Customer Newsletter — We’re Here to Help
- Updated and posted fact sheets, brochures, and educational materials on the BES website:
 - “Clean River Rewards” stormwater discount program (47,503 page views)
 - Treebate incentives for planting yard trees (14,667 page views)
 - Green Street Stewards Program (38,352 views)
- Continued to educate and recruit volunteer Green Street Stewards to look after green infrastructure. Programs provided education, training, and tours to residents, including low-income communities and communities of color, and new BES staff. In FY 2019–20, 28 events were attended by 231 participants and 113 volunteers (citywide).
- Distributed a variety of educational materials at community meetings and events.

Ecological Business Program

- Continued to work with the Regional Pollution Prevention Outreach Team (P2O Team), and the Eco-Logical Business Program (EcoBiz). EcoBiz program members certify automotive and landscaping businesses in the Portland metropolitan region to ensure sustainable and environmental practices. In FY 2019–20, two landscaping businesses were recertified and one new landscaping business was certified; five automotive businesses were recertified. The number of certifications and recertifications was lower due to delays resulting from COVID-19. The City also funded a limited-term staff position for EcoBiz. This employee worked to address pesticide use, erosion control, and water conservation activities in the landscaping sector, and to recertify expired businesses in both the landscaping and automotive sectors. Eighteen site visits for technical assistance conducted during FY 2019–20 helped businesses:
 - Reduce and eliminate pollutants such as volatile organic compounds and chlorinated solvents
 - Prevent spills by adding secondary containment for tanks over 55 gallons
 - Provide employee spill response trainings
 - Properly manage and dispose of hazardous materials
 - Conserve water in the office, shop, and on managed landscaped areas
 - Wash vehicles and equipment using environmentally responsible systems
 - Adopt sustainable purchasing and inventory policies
 - Adopt the principles of Integrated Pest Management (landscapers)
 - Reduce or eliminate the use of pesticides (landscapers)
- Partnered with DEQ to create a green dry cleaners certification program. The criteria to be an EcoBiz dry cleaner was approved by DEQ and the Regional P2O Team in the summer of 2018, and implementation began in August 2018. Site visits and certifications for the dry cleaner program are currently conducted by the Pacific Northwest Pollution Prevention Center, an EcoBiz partner.

Alternative Transportation

PBOT promotes carpooling, public transportation, and alternative commuting strategies to reduce emissions of toxic pollutants and to support climate change prevention measures. Specific activities include the following:

- Continued the Drive Less Connect program to match carpooling partners and provide discounted carpool parking.
- Continued the Bicycle Lunch and Learn series, Portland by Cycle rides and classes, and Bike and Walk Maps covering Portland.
- Coordinated the Safe Routes to School program, which included over 100 schools in the City of Portland.
- Coordinated Sunday Parkways in the summer of 2019, a series of free neighborhood events that allowed over 30,000 participants to use nonmotorized modes of transportation along Portland streets.
- The Portland bike share system, BIKETOWN, launched in July 2016. During 2020 (January to June), users rode 700,111 miles, including 79,949 rides taken by annual membership riders and 148,978 casual riders (day-pass riders and single-ride users). With a reduced fare and cash payment option, 259 low-income Portlanders also became annual members through the BIKETOWN for All program.
- Implemented the Transportation Wallet Program in the Northwest Parking District and Central Eastside Parking District to provide passes and credits for transit, streetcar, bike sharing, and scooters. It is an effective, low-cost strategy to reduce parking demand and congestion by incentivizing transit use, biking, walking, and scooting. In 2019, there were 1,791 Transportation Wallets for the two parking districts.
- In 2019, PBOT partnered with seven community organizations to launch a new transportation incentive pilot program, the Transportation Wallet for Residents of Affordable Housing. This project provides affordable housing residents access to transit passes, bike or scooter share memberships, and rideshare and carshare credits. In 2019, PBOT provided 496 fully subsidized Transportation Wallets through this pilot program.

Due to COVID-19, several activities did not occur, such as the May Walk + Roll Challenge Month. The 2020 Sunday Parkways were conducted virtually with Weekend Fun Tip videos and midweek live events to encourage people to be active with fitness from home.

ET-2: Promote knowledge of WPCF Permit conditions and requirements for City staff responsible for implementing UIC program elements and BMPs, and ensure that City practices related to UICs are protective of groundwater.

2.4.2 ET-2: Key Accomplishments

- Continued to educate employees and develop training on groundwater protection and WPCF Permit requirements, including duty officer training on the BES spill response hotline and specific duty officer procedures.

- Coordinated with other bureaus on source control, operations and maintenance, spill prevention and response, and development review for UICs and groundwater protection.
- Provided ongoing coordination with bureaus that own UICs. Responded to UIC site-specific questions and discussed operations and maintenance practices.
- Coordinated with BDS development review staff on UIC design standards and on the review and approval process for UICs registered on private property.

ET-3: Provide outreach and technical assistance to businesses to reduce and control pollutant discharges from industrial and commercial facilities to protect groundwater quality.

2.4.3 ET-3: Key Accomplishments

As part of its comprehensive plan to manage stormwater, protect water quality, and promote watershed health, the City has implemented the following actions citywide.

Maintenance Inspection Program

- The Maintenance Inspection Program ensures that property owners follow site-specific, BES-approved operations and maintenance agreements. Program staff conduct inspections, provide technical assistance to property owners on the operations and maintenance of their onsite stormwater management facilities (SMFs), and provide guidance on pollution prevention BMPs for site activities that may impact the functionality of the SMFs. The program also collects information on SMF deficiencies and corrective actions taken to address them. Maintenance Inspection Program activities in FY 2019–20 included the following:
 - Inspected 690 properties for OM requirements of 1,682 associated private SMFs.
 - Recorded 277 OM Agreements for 597 SMFs managing 82 acres of impervious surface.
 - Tracked and mapped SMFs and SMF attributes.
 - Issued 55 enforcement actions (i.e., warning notices, notices of violation, and compliance orders).

CSSWF Wellhead Protection Program

- Provided education and outreach to affected residents and businesses to help them comply with local drinking water source protection requirements of the program, in conjunction with the Columbia Corridor Association and Columbia Slough Watershed Council. Activities in FY 2019–20 included the following:
 - Made 870 individual outreach contacts.
 - Provided technical assistance to 39 businesses.
 - Distributed 24 free spill kits and 34 required signs.

- Maintained the association and City of Portland web pages on the Groundwater Protection Program with information for businesses and residents.

Sustainability at Work

- Sustainability at Work (formerly the BEST Business Center) continued to assist Portland businesses with resources and information to help them “green” their operations, including managing stormwater and preventing pollution. The program is run by the City of Portland in partnership with Metro and Energy Trust of Oregon. The program conducted the following activities in FY 2019–20:
 - Conducted 79 site visits at businesses, providing assistance across a broad range of topics, including water conservation, stormwater management, hazardous waste, energy efficiency, renewable power, alternative transportation, and waste prevention.
 - Distributed an e-newsletter monthly to over 2,500 Sustainability at Work customers, providing tips, case studies, and best practices in the previously mentioned topic areas.
 - Administered Sustainability at Work certifications, recognizing businesses that have taken measurable steps to conserve resources and reduce their greenhouse gas emissions. In FY 2019–20, the program completed 72 new certifications and renewals. Currently, 411 businesses are certified.

Industrial Stormwater Program

Twenty BMP fact sheets are posted on BES’s Industrial Stormwater Program website, which provides technical assistance for the public. Information is targeted to commercial and industrial site operators, helping to educate and assist in the prevention of spills and the protection of groundwater and surface water. During FY 2019–20, the most-viewed BMP materials continue to be related to the following topics:

- Catch basin maintenance (approximately 1,202 views)
- Sand-blasting and painting operations (approximately 566 views)
- Preparing emergency response and spill clean-up plans (approximately 255 views)

Other BMP materials included information on dewatering activities, loading and unloading materials, and outside container storage and waste disposal.

Erosion Control Program

The City continues to provide educational training to staff on operation, maintenance, and construction practices to protect water quality. The COVID-19 pandemic resulted in cancellation of the annual construction inspector training for BES staff. One BDS staff member attained Certified Erosion Sediment and Stormwater Inspector certification through Envirocert International.

2.5 Operations and Maintenance (OM)

OM BMPs for City UICs are important to both remove pollutants from UICs (e.g., UIC cleaning) and prevent pollutant discharges into UICs (e.g., street sweeping and catch basin cleaning). This BMP category identifies OM practices both for UICs located in City-managed ROWs and for UICs on other City-owned property.

OM-1: Address the inspection, maintenance, cleaning, and repair of City-owned UICs in public ROWs.

2.5.1 OM-1: Key Accomplishments

- Cleaned approximately 9,385 storm inlets (citywide).
- Cleaned 1,444 UIC sedimentation and sump manholes.
- Repaired 268 storm inlets and inlet leads and 342 linear feet of culverts and pipes (citywide).

OM-2: Address operation and maintenance activities that are conducted in public ROWs and may affect City-owned UICs.

2.5.2 OM-2: Key Accomplishments

Street Sweeping

The City implements practices in and around ROWs to prevent and limit pollutant discharges, such as street sweeping, spill control, erosion control, and material testing, and the City also conducts leaf removal. PBOT is the primary bureau responsible for maintaining the City's roads and other transportation-related facilities and infrastructure. The *PBOT Maintenance Environmental Handbook* is a guide provided to PBOT Maintenance and Operations (PBOT-MO) field crews to ensure they have easily accessible information on waste handling, erosion control measures, spill control and prevention practices, and vehicle washing.

- The street sweeping program cleans over 4,000 lane miles of curbed streets in the City each year. The City swept major arterials six to eight times in FY 2019–20, residential streets approximately once, and downtown core streets three to five times per week. Street sweeping removed 3,498 tons of sediment and material from City roadways in FY 2019–20.
- The program continued to implement a street leaf removal program in 30 leaf service areas (areas that have streets lined with large, mature trees). Under the program, PBOT schedules and implements one or two leaf collection days per zone. The program removed 6,703 tons of leaf material in FY 2019–20.

PBOT-MO BMPs

- Continued to implement BMPs within the ROW to protect water quality, including:

- Following the Oregon Department of Transportation *Routine Road Maintenance Water Quality and Habitat Guide*.
 - Controlling erosion during all sediment-disturbing activities.
 - Using cured-in-place pipe technology when replacing stormwater piping in the ROW to reduce the amount of excavation needed.
 - Using low-disturbance sign installation methods to avoid or minimize digging.
 - Using mild, solvent-free cleaners to clean signs.
 - Using a UV-protection and anti-graffiti coating on new street signs to reduce the need for chemical cleaners.
 - Monitoring weather conditions during asphalt grinding to avoid runoff.
 - Hand-applying asphalt where necessary to prevent these materials from entering the storm drain system.
- Coordinated with BES on environmentally responsible practices for use of roadway anti-icers and deicers, including road salt. In FY 2019–20, the City conducted deicing activities on approximately 3 lane miles in Southeast Portland and zero lane miles North/Northeast Portland. Deicing procedures and BMPs were integrated into overall winter road maintenance activities, including adaptive management of priority route identification and evaluation of application rates. All crews directly responsible for winter maintenance activities are trained in Pacific NW Snowfighters Association BMPs prior to the winter season start in October.
 - Continued to use the 2011 PBOT *Maintenance Environmental Handbook* for street maintenance that includes guidance to ensure that field crews have easily accessible information on waste handling, erosion control measures, spill control and prevention practices, and vehicle washing.

OM-3: Address OM of UICs on other City property, as well as good housekeeping practices that may affect UICs.

2.5.3 OM-3: Key Accomplishments

- Continued discussions with other City bureaus to standardize OM procedures for UICs on City property, based on the OM templates established in the City’s SWMM.
- Maintained the program that requires the Portland Water Bureau to submit requests to BES for potable water discharges from the flow tests of hydrants and tank and reservoir drains. Discharges are approved on a case-by-case basis with a letter of authorization. The authorization requires DEQ/BES BMPs to reduce the impacts of flow rate, volume, and suspended solids from these activities, in addition to the state guidelines for chlorinated discharges. A report is required for each discharge to track volume and respond to any complaints.
- The City’s Procurement Services engages in green purchasing best practices to spend public funds on goods and services that minimize negative impacts on human health and the environment. In FY 2019–20, the program included environmentally preferable product and service specifications in City solicitations and contracts, such as the use of untreated wood

for boardwalks and similar exterior wood features. Additional specifications include zero-sediment runoff at construction sites and onsite stormwater management (ecoroofs, rain gardens, etc.).

- The Portland Fire Bureau continued to control discharges from equipment washing, maintenance, and nonemergency firefighting training by routing discharges to the sanitary sewer system.
- PBOT-MO inspected and maintained, as necessary, stormwater and stormwater containment and pollution prevention facilities in City maintenance yards.
- Portland Parks and Recreation (PP&R) continued to comply with practices required for Salmon Safe certification, including integrated pest management, reduction of water and fertilizer inputs on park properties, riparian and upland habitat restoration, and use of pesticide alternatives. PP&R was the first City bureau to be certified Salmon Safe in 2004 and was recertified in 2012 and 2018. During that time, the following additional City bureaus participated and have been tasked with carrying out elements of the Salmon Safe certification: BES, PBOT, Portland Water Bureau, Portland Fire & Rescue, Office of Management and Finance, and BPS.
- PP&R continued to implement City integrated pest management activities in parks, which reduce fertilizer and pesticide inputs, as well conserve water. These activities include:
 - Utilizing plants with natural resistance to pests.
 - Proper mowing and irrigation of park turf to increase vigor and reduce weed populations.
 - Mulching of planting beds to reduce establishment of weeds.
 - Application of selected herbicides to control invasive weeds and prevent their spread.
 - Release of natural biological control insects to minimize invasive weed infestations.
- PP&R continued to implement practices to conserve water, minimize runoff, increase infiltration, and reduce fertilizer use in the City’s park system, including:
 - Aerating and overseeding athletic fields to reduce the need for fertilizers.
 - Computerizing irrigation systems to reduce water usage.
 - Prioritizing park areas that receive irrigation based on frequency and volumes.
 - Reviewing park designs to minimize the amount of “open turf” acreage.
- PP&R consolidates maintenance activities and materials into one location, the Mount Tabor Yard. Recyclable and recoverable waste products are moved to the site, stored appropriately, and hauled offsite by specialized vendors and contract services. Used transportation maintenance wastes (oil, antifreeze, solvents, tires, and dry cell batteries), paper and cardboard, scrap wood and metal, excess paint, and fluorescent lamps are managed at the site.

Site-specific OM actions conducted as a response action are discussed in Section 4: Response.

2.6 Program Management (PM)

The purpose of the Program Management (PM) BMP is to ensure effective program management, coordination, and reporting for effective implementation of the UICMP and compliance with the WPCF Permit. This approach involves strong relationships and coordination with multiple City bureaus, state agencies, and other jurisdictions and organizations. This BMP category includes City initiatives, such as policies that promote the implementation of green streets as alternatives or retrofits for UICs, as well as code and administrative rules pertaining to groundwater protection.

PM-1: Facilitate internal City coordination regulations to enhance groundwater protection.

2.6.1 PM-1: Key Accomplishments

Development Review Process and UICs

- Continued evaluation of the review and approval process for private UICs, identifying issues and process gaps and identifying strategies for a more streamlined and consistent registration process for both public and private UICs.

SWMM Revision

- Continued to participate in quarterly meetings for System Planning and SWMM revisions, which provide policy and design requirements for stormwater management citywide, to provide input on new and retrofitted UICs on private and public property and in the public ROW. Public comments on the SWMM closed in July 2020. Revisions to the current manual will go into effect in late 2020.

Land Acquisition

- Acquired 3 acres of land along the Willamette River, 5.5 acres in the Johnson Creek watershed, and 0 acres in the Tryon Creek watershed as part of the Watershed Land Acquisition Program and Johnson Creek Willing Seller Programs. UICs are most commonly found in Johnson Creek and Columbia Slough eastside watersheds.

PM-2: Coordinate with external partners, including state agencies, other jurisdictions, and outside organizations.

2.6.2 PM-2: Key Accomplishments

Regional Coordination

- Participated in the Association of Clean Water Agencies Groundwater Committee, which consisted of discussing monitoring proposals and permit negotiations with other municipal permittees, tracking the issuance of individual and general municipal WPCF Permits and permit conditions, and promoting consistency in required permit activities (e.g., adaptive management).

2.7 Projected Main Activities for FY 2020–21

All stormwater management BMPs discussed in Sections 2.2 through 2.6 are intended to help prevent, minimize, and control pollutants in stormwater prior to discharge to a UIC. Unless otherwise noted as a one-time activity, implementation of these BMPs is expected to continue and be tracked in FY 2020–21. The following additional PM activity may also be added:

- Participated in the UIC rules revision process (which will include revision of Oregon Administrative Rules [OAR] 340-044, UIC Rules, and OAR 340-040, Groundwater Quality Protection Rules) when initiated by DEQ.

Due to the large amount of development and redevelopment in the City of Portland, it is impossible for the City’s UIC Program to forecast how many new UICs will be added or removed from the system 1 year in advance. Therefore, for UIC construction, the City has its own registration process to ensure that all new UIC installations meet the conditions of its current WPCF Permit prior to construction. Also, for UIC closure, part of the City’s decommissioning process is to inform DEQ directly (either by phone or email) prior to any actions in the field. Since June 30, 2019 (the end of FY 2018–19 reporting), 86 new UICs have either been approved for installation or were newly discovered in the field, and four UICs have been reported for decommissioning.

All newly constructed or identified UICs will continue to be evaluated for characteristics that may potentially create adverse impacts to groundwater. Resulting information will be incorporated into the Response process, as appropriate.

2.8 Additional Actions Taken to Manage the UIC System

Additional actions taken to manage the UIC system to ensure groundwater protection for this reporting year include the following:

- City policy requires adding pretreatment to a UIC system when a construction project impacts a UIC that does not have a sedimentation manhole or other form of pretreatment.

2.9 UICMP Actions Not Completed

All actions identified in the UICMP have been completed for this reporting year.

2.10 Adaptive Management

Adaptive management measures are evaluated annually and were anticipated in FY 2019–20 due to the onset of the COVID-19 pandemic in March 2020. Overnight, City staff was required to work from home, necessitating a significant amount of time to establish home offices, identify new ways to communicate and coordinate, and update means to access and share data, all needed to accomplish UICMP objectives. While some individual BMP elements may not have been fully implemented, overall permit requirements were completed in FY 2019–20, including UIC system monitoring (Section 3) and the SA revision (Appendix A). In FY 2020–21, the length of

time to complete monitoring may be increased if site reconnaissance identifies multiple UICs in high traffic areas, necessitating additional resources (e.g., more vehicles to transport staff). However, at this time, this is not expected to present non-compliance issues.

The City submitted its permit-required Year 4 emerging pollutant evaluation with the Year 3 annual UICMP report, on November 1, 2018.⁹ This evaluation will be conducted again prior to completing the City's permit renewal application.

⁹ GSI Water Solutions. 2017. *Analysis of Urban Stormwater Quality Data and Pollutant Fate and Transport Simulations in Support of Emerging Pollutant Evaluations*. Prepared for the City of Portland and Association of Clean Water Agencies. September 21, 2017.

3 System Monitoring

The System Monitoring program element involves ongoing UIC monitoring to demonstrate that UICs are operated to meet WPCF Permit requirements and protect groundwater as a drinking water resource. Stormwater discharge monitoring is conducted annually on a representative subset of UICs, as identified in the *Stormwater Discharge Monitoring Plan (SDMP)*. This is referred to as “compliance monitoring” and is discussed in Section 3.1.

3.1 Compliance Monitoring

3.1.1 UIC Stormwater Discharge Monitoring Summary - Year 5 (2015 Permit)

The City’s UIC monitoring program was implemented in accordance with the 2015 SDMP. The monitoring program under the City’s 2015 Permit was designed to focus on UICs located in areas of shallow groundwater, defined as having less than 5 feet of separation distance between the UIC and estimated seasonal high groundwater. Fifteen UIC locations were sampled between July 1, 2019, and June 30, 2020, to implement the required compliance monitoring described in the SDMP. Stormwater discharge samples were analyzed for pollutants as defined in Table 1 of the 2015 Permit. Specific information concerning site details, monitoring results, and quality assurance/quality control can be found in Appendix D.

Year 5 (2015 Permit) Results

- All six pollutants in Table 1 of the City’s 2015 Permit were detected in Year 5 (2015 Permit). Specific constituent concentrations are provided in Appendix D.

Action Level Exceedances and Response Actions

- No pollutants were detected in Year 5 (2015 Permit) at concentrations above their respective action levels and, thus, no response actions were required.

3.1.2 Key Accomplishments

- Implemented Year 5 (2015 Permit) stormwater compliance monitoring. Fifteen UICs were sampled and tested for pollutants as defined by the Permit.
- Compiled and evaluated Year 5 (2015 Permit) stormwater data; there were no exceedances of the Permit’s action levels.
- Prepared and submitted annual stormwater discharge monitoring results to DEQ with this report (Appendix D).

3.1.3 Projected Main Activities

- Implement Year 6 (2015 Permit) UIC compliance monitoring in accordance with the 2015 WPCF Permit and 2015 Permit SDMP. As described in the SDMP, Year 6 monitoring will repeat the shallow groundwater locations sampled in Year 1 (2015 Permit).

- Document, analyze, and report results of Year 6 (2015 Permit) stormwater monitoring to DEQ by November 1, 2021 (per the 2015 WPCF Permit).
- Continue to work with DEQ to demonstrate (through SDMP-required compliance monitoring) that discharges to public UICs meet permit action levels and are protective of groundwater quality (see Section 4).

3.2 Stormwater Discharge Monitoring Plan Update

The 2015 Permit requires the SDMP to be updated after 5 years. A review of the SDMP was completed during FY 2019–20 and found that the 2015 SDMP methods are still valid and continue to be conducted. As noted in Section 2.10, the City submitted its permit-required Year 4 emerging pollutant evaluation on November 1, 2018. This evaluation did not result in any monitoring changes needed in the SDMP and will be conducted again prior to completing the City’s permit renewal application. DEQ approved the submittal of the revised SDMP with this annual UIC Report, via email dated November 19, 2019. However, based upon the evaluation, no updates were determined to be needed.

4 Response

The Response program element uses data and information from System Management and System Monitoring activities (Sections 2 and 3) to assess UIC compliance status. It also defines the process and criteria used to identify, evaluate, and prioritize actions necessary to protect groundwater and meet WPCF Permit requirements.

During the first permit term (2005 to 2015), the City completed numerous actions to ensure UICs were compliant with the state and federal UIC rules and protective of groundwater. Actions included required and voluntary annual monitoring, on-the-ground UIC retrofits, and decommissioning, as well as data evaluation and numerous modeling efforts to demonstrate groundwater protectiveness for various discharge scenarios. Detailed information about these activities can be found in the annual UICMP reports for 2005 through 2015.

In addition, detailed information about response activities conducted so far during the second permit term can be found in the annual UICMP reports for 2016 through 2018. Ongoing evaluation and annual response activities for FY 2019–20 are discussed in this section.

4.1 Assessment Response

Data generated through the systemwide assessment and ongoing database updates and evaluations are used to identify whether spatial and physical characteristics of UICs could result in drainage that may pose a risk to groundwater. Assessment response includes an evaluation of the appropriate actions to correct the condition and protect groundwater quality. Responses may include a variety of corrective actions, and they may apply to individual UICs or groups of UICs.

4.1.1 Key Accomplishments

- No UICs were identified that required a corrective action.

4.1.2 Projected Main Activities

- Implement actions as appropriate to respond to any Year 6 (2015 Permit) UICs identified as needing correction.

4.2 Monitoring Response

Response actions are intended to reduce elevated stormwater discharge concentrations at the ground surface to meet permit action levels. Meeting permit action levels at the “end of pipe” demonstrates compliance with state and federal requirements for the protection of “underground sources of drinking water” and “waters of the state.” Response actions are intended to be implemented in a timely manner and are considered interim in nature until a final compliance determination is made or a final corrective action is implemented.

4.2.1 Key Accomplishments

- No monitoring response actions were needed during FY 2019–20.

4.2.2 Projected Main Activities

- Implement actions, as needed and appropriate, in response to any Year 6 (2015 Permit) individual stormwater discharge monitoring action level exceedances, unusual conditions observed during UIC sampling, inspections, or citizen complaints.

4.3 Spill Response

Spills and illicit discharges are reported to the SPCR team through the spill response hotline or by the Oregon Emergency Response System, or they are discovered by staff during site inspections. If a spill that could impact a UIC is discovered, the City will undertake a response as identified in the UICMP.

4.3.1 Key Accomplishments

- Continued to operate the BES 24-hour spill response hotline. Activities in FY 2019–20 included the following:
 - Received and responded to approximately 1,902 calls (citywide) regarding pollution complaints, spills, sanitary sewer overflows, dye tests, and other pollution-related inquiries.

During FY 2019–20, no spills of note occurred that required larger response actions (see Section 2.3 of this report for details).

Appendix C contains a table of all spills during FY 2019–20 that were in close proximity to a UIC catchment including any triggered response-related activities.

4.3.2 Projected Main Activities

- Implement actions as needed and appropriate in response to any FY 2020–21 spills that may impact a UIC.

4.4 Groundwater Protectiveness Demonstration and Verification

During the first permit term (2005 to 2015), the City completed multiple groundwater protectiveness demonstrations (GWPDs). These GWPDs showed that operation of all City-owned UICs are protective of groundwater, including UICs with direct discharge and UICs that are within close proximity to a drinking water well. For the purpose of maintaining the validity of the demonstrations, the City evaluates monitoring data and depth-to-groundwater information annually to confirm that the basis of the protectiveness demonstrations have not changed and that groundwater continues to be protected.

4.4.1 GWPD Verification

The following data were evaluated to ensure that the City's GWPDs are still valid.

- **Verification of vertical separation distance:** U.S. Geological Survey depth-to-groundwater data were used in combination with existing construction information to calculate the vertical separation distance between the bottom of the UIC and seasonal high groundwater. All vertical separation distances are reported and updated as part of the UIC database annual reporting.
- **Verification of stormwater discharge monitoring results:** In general, pollutants detected in Year 5 (2015 Permit) monitoring are similar to the detections, frequency, and concentration ranges identified during the first permit term. Common pollutants detected during the first permit term and during Year 5 (2015 Permit) are at low concentrations and below their respective action levels. Concentrations are generally low and within narrow ranges at individual UIC locations.

4.4.2 Key Accomplishments

- Evaluated UICs for WPCF Permit compliance.
- Evaluated Year 5 (2015 Permit) monitoring information for compliance.

4.4.3 Projected Main Activities

- Continue identification and evaluation of UICs as new data become available.
- Perform compliance determinations on any new UICs.
- Review and update as appropriate the Decision Making Framework for Groundwater Protectiveness Demonstrations to reflect any identified changes.
- Apply the protocols in the Decision Making Framework for Groundwater Protectiveness Demonstrations to any new UICs as appropriate to determine if groundwater is protected or corrective action is required.

4.5 Other Noncompliance or Violations

No instances of noncompliance or other unreported permit violations were identified.

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Appendix A
Revised Systemwide Assessment

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City of Portland, Oregon

**Water Pollution Control Facilities (WPCF) Permit For
Class V Stormwater Underground Injection Control Systems**

Permit Number: 102830

**SYSTEMWIDE ASSESSMENT
Underground Injection Control Systems (UICs)**

March 2015; Revised November 1, 2020

Prepared By:
City of Portland, Bureau of Environmental Services

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Executive Summary

The purpose of this Revised Systemwide Assessment is to identify, evaluate, track, and report on spatial and physical characteristics of existing and new City of Portland underground injection control systems (UICs) and to provide an ongoing mechanism to identify UICs that may impact groundwater through the discharge of surface drainage to the subsurface. The Revised Systemwide Assessment is a requirement of the Water Pollution Control Facility (WPCF) Permit that is to be completed at the 5-year mark of the current WPCF Permit #102830. The City is currently implementing the second WPCF Permit, issued by the Oregon Department of Environmental Quality (DEQ) in June 2015. The first WPCF Permit was issued to the City in June 2005.

As part of the first and second WPCF Permit requirements, the City submitted a Systemwide Assessment to DEQ in July 2006 and subsequently in June 2015. The components of the 2006 and 2015 Systemwide Assessment work are still valid and continue to be conducted under the 2015 Permit. Updates have been generated for this Revised Systemwide Assessment; however, the methods have not changed since 2015. Therefore, no significant changes are included in this update. The 2015 Permit indicates that if no significant changes occurred between 2015 and 2020, the fifth-year Systemwide Assessment may be included in the annual UIC Report. This Revised Systemwide Assessment describes the processes and how the City has updated existing datasets used to reevaluate the City's UICs. It is being submitted as Appendix A of the annual UIC Report.

The WPCF Permit requires the City to inventory all public UICs within the City of Portland and assess them relative to spatial and physical factors. The table below describes these assessment factors, identifies the section of the Revised Systemwide Assessment that addresses each factor, and summarizes the results of the assessment for each factor.

Assessment Factor	Systemwide Assessment Section	Revised Systemwide Assessment Results
An updated inventory of all injection systems that receive stormwater or other fluids and their location by latitude and longitude in decimal degrees using the NAD 83 datum	2.0	Tables updating the inventory of City-owned stormwater UICs and their locations will be available on the DEQ server November 1, 2020.
An estimate of vehicle trips per day for the area(s) drained by the injection system	3.0	Trips per day estimates are provided on the updated stormwater UIC inventory tables. As in 2015, these estimates are based on street classification, which is expressed as over or under 1,000 trips per day
An inventory of all stormwater UICs that discharge directly to groundwater	4.0	83 UICs identified (decrease from 84 in 2015)

Assessment Factor	Systemwide Assessment Section	Revised Systemwide Assessment Results
An inventory of all stormwater UICs that do not meet the setbacks from drinking water and irrigation wells	5.0	423 UICs identified (increase from 271 in 2015)
An inventory of all injection systems that are prohibited by OAR 340-044-0015(2)	6.0	No UICs identified (no change since 2015)
An inventory of all industrial facilities and commercial properties with activities that have the potential to discharge to City-owned or operated injection systems	7.0	1,607 commercial/industrial properties identified (increase from 1,199 in 2015)

1 Introduction

1.1 Purpose

The purpose of this Revised Systemwide Assessment is to identify, evaluate, track, and report on spatial and physical characteristics of existing and new City of Portland underground injection control systems (UICs) and to provide an ongoing mechanism to identify UICs that may impact groundwater through the discharge of surface drainage to the subsurface. The Revised Systemwide Assessment is a requirement of the Water Pollution Control Facility (WPCF) Permit that is to be completed at the 5-year mark of the current WPCF Permit #102830. The City is currently implementing the second WPCF Permit, issued by the Oregon Department of Environmental Quality (DEQ) in June 2015. The first WPCF Permit was issued to the City in June 2005.

As part of the first and second WPCF Permit requirements, the City submitted a Systemwide Assessment to DEQ in July 2006 and subsequently in June 2015. The components of the 2006 and 2015 Systemwide Assessment work are still valid and continue to be conducted under the 2015 Permit. Updates have been generated for this Revised Systemwide Assessment; however, the methods have not changed since 2015. Therefore, no significant changes are included in this update. The 2015 Permit indicates that if no significant changes have occurred between 2015 and 2020, the fifth-year Systemwide Assessment may be included in the annual UIC Report. This Revised Systemwide Assessment describes the processes and how the City has updated existing datasets used to reevaluate the City's UICs. It is being submitted as Appendix A of the annual UIC Report.

1.2 Overview of City UICs

The City currently has approximately **9,238** active UICs that collect stormwater from public rights-of-way and discharge it to the subsurface. In the Portland area, groundwater serves as a backup drinking water supply to the Bull Run Reservoirs. The WPCF Permit establishes the UIC construction, operation, and maintenance requirements the City must implement to protect groundwater for use as a drinking water resource.

As used in this document, **UIC** means any Class V underground injection control system owned or operated by the City of Portland. Examples of UICs include sumps, drywells, and hybrid infiltration facilities.

UICs are most prevalent in areas of the City east of the Willamette River where there is a greater occurrence of subsurface soils that support greater infiltration rates. UICs in these areas have become an essential element of stormwater management and in some cases are the only form of stormwater disposal available. Where some form of piped stormwater system exists, UICs also help reduce the need to install or increase the capacity of piped stormwater infrastructure. In addition to infrastructure purposes, UICs also quickly and efficiently reintroduce stormwater in the subsurface soils, filter and cool runoff, and reduce direct discharges from piped stormwater systems into local surface water bodies, including Johnson Creek, the Columbia Slough, and the Willamette River.

UICs are also an important component of street-side swales and green streets (vegetated stormwater management facilities) because they provide an infiltration point for overflow during large storm events when stormwater cannot be fully infiltrated through swales, planters, or other surface infiltration systems.

1.3 Regulatory Background

Congress enacted UIC rules in 1974 under the federal Safe Drinking Water Act (SDWA) and modified the rules in 1999. The U.S. Environmental Protection Agency (EPA) administers these rules under Title 40 of the Code of Federal Regulations (CFR) Parts 144–148. In Oregon, EPA has delegated the regulation of UICs to DEQ. Oregon Administrative Rules (OAR) 340-044 were adopted in conformance with the federal SDWA and regulate all groundwater as a potential source of drinking water.

1.4 Systemwide Assessment Approach

The WPCF Permit requires the City to inventory all public UICs within the City of Portland and assess them relative to spatial and physical factors. Table 1-1 describes these assessment factors and identifies the section of the Revised Systemwide Assessment that addresses each factor.

**Table 1-1
Permit-Specified Systemwide Assessment Requirements**

Assessment Factor	Systemwide Assessment Section
An updated inventory of all injection systems that receive stormwater or other fluids and their location by latitude and longitude in decimal degrees using the NAD 83 datum	2.0
An estimate of vehicle trips per day for the area(s) drained by the injection system	3.0
An inventory of all stormwater injection systems that discharge directly into groundwater	4.0
An inventory of all stormwater injection systems that do not meet the setbacks from drinking water and irrigation wells	5.0
An inventory of all injection systems that are prohibited by OAR 340-044-0015(2)	6.0
An inventory of all industrial facilities and commercial properties with activities that have the potential to discharge to City-owned or operated injection systems	7.0

1.5 Limitations on Use of the Revised System Assessment

The Revised Systemwide Assessment assesses the factors listed in Table 1-1. Portions of the assessment are based on estimated and modeled information. The results are not intended to be used as a definitive source for determination of compliance status.

2 Database

2.1 Introduction/Permit Requirements

The 2015 WPCF Permit requires the City to provide DEQ with an inventory of all injection systems that receive stormwater or other fluids and their locations by latitude and longitude in decimal degrees using the NAD 83 datum. This was also a requirement of the first WPCF Permit. The City submitted the first UIC database to DEQ on September 1, 2005, and provided identification numbers, physical characteristics, and location information for all City-owned UICs. Since that time, the City has submitted updates to DEQ each year. In addition, a list of all new and removed UICs is included in the City's annual UIC Management Plan (UICMP) report that is submitted to DEQ each year.

In accordance with the requirements of the second permit, updates to the UIC database will be reported annually as part of the UICMP annual report due November 1 of each year.

2.2 Data Sources

The primary source of data for this Revised Systemwide Assessment and future annual updates is the facility management system (Hansen) used by the Bureau of Environmental Services (BES). The sections below describe the Hansen system and geographic information systems (GIS) data and how they are used to develop the City of Portland's UIC database.

2.2.1 Hansen System

The Hansen system is BES's primary maintenance management system and also serves as the asset management and inventory control system for the City's sewer system. BES UICs and associated sedimentation manholes are inventoried and characterized primarily through Hansen and are a subset of the entire asset inventory contained within the Hansen system. The City has maintained Hansen system data since the early 1980s.

2.2.2 GIS Data

GIS data for City-owned and operated UICs comes from the Data Maintenance Environment (DME) system, which the City maintains in the ESRI ArcGIS platform. The DME system attaches Hansen attribute data (construction and maintenance information specific to each UIC) to the spatial location of the UIC. The DME system is the sanctioned and officially recognized spatial representation of BES facility information. A more detailed description of it is included as part of the UIC database update submittal of June 1, 2006. All UIC spatial and pretreatment information in the database used for this Revised Systemwide Assessment was queried from the DME system. As of April 1, 2010, this includes information about all UICs operated by other City bureaus.

The fields in the database (latitude, longitude, distance to nearest water well, distance to nearest wetland, distance to nearest surface water, and depth to groundwater) require spatial location information in order to calculate valid values in GIS. If a UIC does not have a corresponding

location, is because BES's standard practice is to remove abandoned facilities from the DME dataset. Abandoned UIC locations are retained as records in the Hansen system.

2.2.3 External Data

As part of this Revised Systemwide Assessment, spatial analysis was needed to estimate vertical separation distance from groundwater and estimate horizontal separation distance to wells and to industrial and commercial properties. This required the collection of location-specific information from data sources external to the Hansen and DME systems. Sections 4, 5, and 7 describe how these datasets were generated and used.

2.3 Data Used for Systemwide Assessment Tasks

The data used for this Revised Systemwide Assessment are from the FY 2020 database snapshot captured on June 30, 2020. Because of the dynamic nature of the Hansen system, this snapshot was created to provide a stable basis for analysis and reporting in this Revised Systemwide Assessment. At the time of data extraction, there were 9,940 active and permanently abandoned City-operated or -managed UICs. Of these, 9,238 City UICs were active.

The location-specific datasets from external sources have been updated as part of this Revised Systemwide Assessment.

BES continues to use static, unique IDs in the "Well #" field (DEQ ID #), as initially assigned for the first UIC quarterly database submitted on September 1, 2005. As agreed upon by BES and DEQ in a July 19, 2005, meeting, BES maintains the relationship between Well # and the BES facility ID. This will facilitate any future coordination between the BES and DEQ data management systems.

2.4 Update: UIC Inventory

All System Assessment reporting included in this Revised Systemwide Assessment is based on the FY 2020 database snapshot captured on June 30, 2020. The inventory of all injection systems that receive stormwater or other fluids, and their locations by latitude and longitude in decimal degrees using the NAD 83 datum, is provided in the updated tables available on the DEQ server November 1, 2020.

3 Estimated Traffic Counts/Vehicle Trips Per Day

3.1 Introduction/Permit Requirements

The 2015 WPCF Permit requires the City to estimate the vehicle trips per day for the area(s) drained by the injection systems. The City compiled traffic information as part of the first permit and continues to track traffic information as part of the 2015 Permit.

3.2 Current Traffic Count Information

As in 2015, the City continues to determine traffic counts based on modeled transportation right-of-way (ROW) traffic provided by the Portland Bureau of Transportation. With the use of GIS tools, the ROW traffic count information is overlaid on a map containing UIC catchment information. Estimated traffic counts are then determined for each UIC, based on ROW drainage patterns. This process estimates a specific traffic count number for each UIC.

3.3 Evaluation Process

The traffic model currently used by the City uses field-collected traffic information to estimate traffic counts for City-managed ROWs. Maintaining and updating this model is very resource intensive because it requires field traffic data to be collected and then input into the model. Prior to the 2015 Systemwide Assessment, City conducted an investigation to find a more consistent and manageable way to collect and report traffic count information. After reviewing available traffic information, BES determined that a better way to associate traffic counts with public ROWs was to use street type classifications provided in the City of Portland's Transportation System Plan (2006, Amended 2020). This traffic plan does not provide specific counts for streets, but rather provides a street classification system based on other criteria such as type of traffic (residential, collector, or arterial). The City overlaid these street classifications with the modeled traffic counts associated with specific street types.

This evaluation showed that streets identified in the traffic plan as collector streets consistently have traffic counts of greater than 1,000 trips per day. Streets identified as residential-only consistently have traffic counts of less than 1,000 trips per day. To simplify the evaluation process for the 2015 Permit, the City began reporting all UICs as receiving drainage from ROWs with either less than or greater than 1,000 trips per day instead of providing a specific estimated traffic count. All UICs that receive drainage from a street identified as a collector street will continue to be identified as greater than 1,000 trips per day, and all UICs that receive drainage from a street identified as residential will continue to be identified as having less than 1,000 trips per day. DEQ agreed to this simplified process for evaluating traffic counts before the City implemented it as part of the updated UIC database used for this report. There is no change to the evaluation process for this Revised Systemwide Assessment.

3.4 Update: Traffic Counts

The Revised Systemwide Assessment estimated vehicle trips per day are provided in the updated stormwater UIC inventory tables, available on the DEQ server November 1, 2020. As in 2015, these estimates are based on street classification, which is expressed as over or under 1,000 trips per day.

4 UICs that Discharge Directly to Groundwater

4.1 Introduction/Permit Requirements

The 2015 WPCF Permit requires an inventory of all stormwater UICs that discharge directly to groundwater. The City continues to track depth to groundwater for all UIC locations and provides that information to DEQ in the UIC database (submitted per Chapter 2 inventory).

The first UIC permit issued in June 2005 required the City to determine separation distances for all City-owned UICs. Because complete depth-to-groundwater estimates were not available, the City worked with the U.S. Geological Survey (USGS) to develop a depth-to-groundwater map for the Portland metropolitan area to determine compliance specific to permit-required separation distances.¹ The following sections of this report discuss the development of that map in more detail, along with the GIS tools used to identify UICs that potentially discharge directly to groundwater.

The 2008 USGS depth-to-groundwater map has not been updated; however, that map is still the best dataset for determining depth to groundwater across the City of Portland. The City will continue to use the map to determine separation distances for all City UICs.

4.2 USGS Depth-to-Groundwater Estimates

USGS, in cooperation with the City of Portland, City of Gresham, Clackamas County, and Multnomah County, conducted a study to estimate the depth to the water table and seasonal water table fluctuations in the Portland metropolitan area. This section briefly summarizes the methods used in that study. A more detailed explanation of the process is provided as part of the USGS report.

4.2.1 Baseline Depth-to-Groundwater Estimates

Baseline estimates of depth to groundwater were prepared using water level data from 660 wells and information from selected surface water features. Water level measurements from 630 of these wells were taken as part of several previous USGS monitoring programs. The remaining 30 wells were newly located and measured by the USGS for this project to provide information in areas of previously limited data. Water table positions were also estimated, using selected surface water features that appeared to have a hydraulic connection to groundwater. These surface water features included major springs, wetlands, lakes, streams, and rivers that represent areas of regional groundwater discharge.

USGS interpolated depth to groundwater through a statistical method called “kriging,” a type of spatial moving average. Although complex, kriging is generally considered to be the best method available for interpolation. Kriging parameters were carefully selected by USGS and tested to

¹ Snyder, D.T. 2008. *Estimated depth to groundwater and configuration of the water table in the Portland, Oregon area*. USGS Scientific Investigation Report 2008-5059.

match the data and conditions for the Portland area. The result is a baseline map of estimated depth to water for the Portland area.

4.2.2 Estimates of Seasonal High-Water Table

For the Portland Basin study, USGS selected wells with 10 or more water level observations to assess the spatial variation of seasonal high water. USGS found this approach to be optimal for ensuring that sufficient observations were used to represent all seasons and that the observations would generally be uniformly distributed throughout the year. Of the 660 wells, 150 were used to assess variation in seasonal high water. Outlier measurements resulting from pumping influences or from field or data entry errors were removed before analysis.

Mapping of the seasonal water level changes revealed an apparent correlation of the magnitude of the changes with the hydrogeologic unit present at the water table. This suggests the importance of the effective porosity and thickness of the unsaturated zone in controlling available storage and seasonal water level change in areas that generally receive similar quantities of recharge. Seasonal water level variation was assigned to zones based on the surficial hydrogeologic unit and using the median values of seasonal water level change determined for each hydrogeologic unit. USGS assigned a seasonal variation of approximately 3 feet for most hydrogeologic units.

Depth to seasonal high water was estimated by subtracting the seasonal variation from the baseline depth to water value at each UIC location. For example, if the baseline depth to water level is 20 feet, the depth to seasonal high water is estimated to be approximately 17 feet below ground surface.

4.3 ArcGIS Process for Determining Separation Distance

Using USGS estimates of seasonal high groundwater, the City used the following ArcGIS analysis to identify stormwater UICs that may discharge directly to groundwater.

Two data sources were used to calculate separation distance at each UIC location:

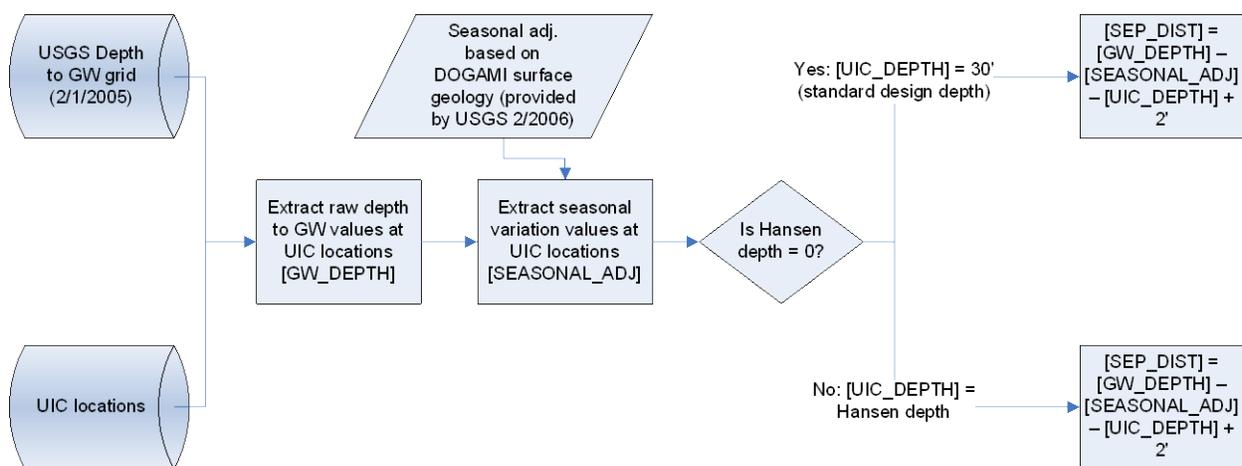
- USGS depth-to-groundwater data: This dataset contains raw depth values from ground surface to groundwater in feet. This information was obtained as part of the USGS depth-to-groundwater process described above in Section 4.2.1.
- Seasonal high-water adjustment data: This dataset contains seasonal groundwater variations, determined by hydrogeologic unit, as interpreted from surface geology units mapped by the Oregon Department of Geology and Mineral Industries (DOGAMI). A seasonal variability of approximately 3 feet was used, based on the USGS process described in Section 4.2.2.

Figure 4-1 shows the general process used to calculate separation distance. At each UIC location, USGS depth-to-groundwater and seasonal variation values were calculated from the datasets described above. Each UIC was then evaluated to determine if facility depth information was available in the Hansen database. If UIC depth information was in the Hansen database,

separation distance was calculated based on that depth information; if no depth information was available, separation distance was calculated based on the City of Portland standard sump design depth of 30 feet. Finally, 2 feet were added to all separation distance calculations to account for the standard depth of the sediment trap ring on the City of Portland standard sump design.

While most City of Portland UICs are considered standard sump types, some UICs are considered nonstandard—usually these are hybrid or horizontal (perf pipe) UICs. The nonstandard UICs are not subject to a 2-foot adjustment in the calculation of separation distance.

Figure 4-1
Process Used to Calculate Separation Distance at Each Sump Location



4.4 Update: UICs in Areas of High Groundwater

The City continues to use the process described in Sections 4.2 and 4.3. Based on these processes, it was determined that 83 stormwater UICs are estimated to potentially discharge directly to groundwater. This is down from 84 UICs that were reported in 2015, as one UIC was shallowed. Appendix A lists these UICs, along with a map of their locations.

Because depth to groundwater is based on estimates for seasonal highs, some of these UICs are not expected to discharge to groundwater year-round. Direct discharge UICs identified include UICs with standard sump construction in public ROWs and nonstandard UICs operated by Portland Parks & Recreation (landscaping runoff).

Under the first permit, the City was required to implement corrective actions for all UICs with less than 10 feet of separation distance, including UICs with direct discharge. The City completed several protectiveness demonstrations based on fate and transport modeling and multiple years of UIC stormwater sampling data. The modeling showed that direct discharge to groundwater from UICs is protective of groundwater. The result of the protectiveness demonstration allowed the City to maintain direct-discharge stormwater UICs, provided a sedimentation manhole was included as part of the UIC system. More information about the

protectiveness demonstration is contained in the UICMP submitted in conjunction with the 2015 Systemwide Assessment report. The program history in the UICMP identifies all protectiveness demonstrations that were completed during the first permit term.

This Systemwide Assessment lists only stormwater UICs that potentially discharge directly to groundwater. Separation distances between the bottom of a UIC and seasonal high groundwater for all UICs are reported as part of the UIC database.

4.5 Limitations of Analysis

The analysis and results presented above have the following limitations:

- Separation distance for all UICs is based on modeled depth-to-groundwater information provided by USGS. Although the USGS information is still the best available at this time, it can provide only estimates of seasonal high groundwater.
- All UICs that do not have reported facility depth information in the City's Hansen database are assumed to be 30 feet in depth. This is the standard construction depth for all new sump systems.

5 UICs Estimated to Be within 500 Feet of a Domestic Use Well or 2-Year Time of Travel of a Public Water Well

5.1 Introduction/Permit Requirements

The 2005 and 2015 WPCF Permits require this Systemwide Assessment to inventory and report all City-owned stormwater UICs that do not meet horizontal setback distances listed in Schedule A. This required the City to inventory all UICs that are located less than 500 feet from a domestic drinking or irrigation water well, within a 2-year time of travel of a public water well, or less than 500 feet from a public water well without a delineated time of travel. For both permit periods, the City completed a well inventory to identify all irrigation and drinking water wells located within the City of Portland and setback distances for all City-owned UICs.

After the original inventory was completed in 2006, a protectiveness demonstration² was performed that showed UICs within well setbacks and with 5 feet of vertical separation distance between the bottom of the UIC and seasonal high groundwater were protective of groundwater. Structural corrective actions were completed for all UICs that did not meet this requirement. That protectiveness demonstration is still valid for all UICs located within the permit-specified well setbacks. As part of the UICMP annual reporting process, all UIC monitoring data are evaluated to validate all completed protectiveness demonstrations, and the results are included in the 2020 annual report (*UICMP Annual Report No. 5 [2015 Permit]*).

5.2 Drinking and Irrigation Wells Inventory

As part of the Revised Systemwide Assessment, the City completed a detailed investigation of domestic and public water and irrigation wells. The purpose was to update the current list of wells located within the City of Portland that could be evaluated against all City-owned UICs to determine setback distances. The process is summarized below.

5.2.1 Identification of Possible Well Locations

A list of potential existing well locations was developed using the available data sources described below.

- *Oregon Water Resources Department (OWRD) Well Logs:* Well logs were obtained from the OWRD website. Well logs were queried from the site using township, section, range, and boundary criteria for the City of Portland. Well abandonment logs were also reviewed; these were paired up with drilling logs and removed from the list, since only non-abandoned wells were of concern for this investigation. After 2009, OWRD began digitizing location and well log information on a Well Report Mapping Tool; additional well data were obtained through this tool when not available on a well log.

² City of Portland. July 2008. UICs within Permit-Specified Well Setbacks Groundwater Protectiveness Demonstration No Further Action Request.

- *OWRD Water Rights Information:* Water rights information was obtained from the OWRD website. This information generally had much more detail about well location than the OWRD well logs. However, only large water use wells are required to obtain water rights, so most well logs have no water rights information. Also, a number of wells were found that had water rights information, but no well logs. These well locations were identified as part of the investigation but have no well log information to connect with.
- *USGS Well Location Information:* USGS conducted an inventory of wells in the Portland area around 1987–90. The City obtained both hard copies and electronic versions of the data. Electronic well locations were converted to GIS locations, yielding relatively precise location information.
- *Oregon Department of Health Services (DHS) Drinking Water Program:* The DHS Drinking Water Program website was used to find public water wells. Operators of public water wells are required to register their wells with DHS. There are a limited number of registered wells in Portland, but most of them had not been identified by other means.
- *Portland Water Bureau Records:* The Water Bureau provided BES with locations of its municipal water wells and a list of SODNR (“sewer only do not read”) accounts and addresses. The Water Bureau considers the SODNR accounts to reflect residences that have private water wells but are connected to the sewer system for discharge purposes.
- *City of Portland Source Control Inspections:* Locations of several wells were found through various City inspection processes.

5.2.2 Information Consolidation

Well location information collected from the data sources described in Section 5.2.1 was reviewed and sorted to provide a comprehensive consolidated list of possible well locations and to facilitate a field investigation. The following activities were performed to develop the consolidated list of possible well locations:

- All available well logs were reviewed for relevant information, including best probable location, original well owner, well depth, static water level, and relevant well characteristics. Probable well locations were viewed using GIS tools to determine current ownership and the address of the owner.
- The property was cross-referenced with City records to determine if it had water and/or sanitary sewer service. If City records did not show a water connection, this indicated that the residents were using a well. This was used only as an indicator, to be verified in the field.

5.2.3 Field Verification

A field verification was conducted to investigate the location, ownership, and use of the well locations identified on the consolidated list. The field verification process included the following steps:

- Visit the site location and attempt to meet with the current owner/occupant.
- Complete an inventory checklist with the owner or occupant (whomever can provide the most accurate information).
- Locate, inspect, and photograph the well using aerial photographs, digital cameras, and information on property boundaries.
- Mark the approximate location of the well on an aerial map (for post-field coordinate confirmation).
- Where no one could be contacted at the site, leave behind an introduction letter, aerial photo, and well questionnaire form with a self-addressed envelope.

5.2.4 2020 Updated Well Data

As part of this Revised Systemwide Assessment, the existing dataset of wells was updated to incorporate any wells that had been added, removed, or had their type of use changed in the OWRD, DHS, and Water Bureau data sources since the last Systemwide Assessment was completed in 2015.

The updated dataset used for this Systemwide Assessment includes only wells that could be located and confirmed. It identifies 429 well locations within or in close proximity to the City of Portland boundaries. The 2015 assessment identified 434 wells. Though the total number of wells did not change significantly from 2015, the coverage used for the data evaluation was impacted by attributes such as well location and well use, in addition to new well installations.

Appendix B (Map B-1) shows all updated well locations.

Once the updated list of drinking and irrigation wells was completed, GIS evaluations were conducted, as described in the following sections, to develop an updated list of City owned stormwater UICs within 500 feet or a two-year time of travel of a well.

5.3 Determination of Two-Year Time-of-Travel Boundaries

Based on DHS records, 2-year time-of-travel boundaries were identified for the following public wells:

- Powell Valley Water District
- City Bible College
- Columbia South Shore Wellfield
- Mobile Village LLC (new)

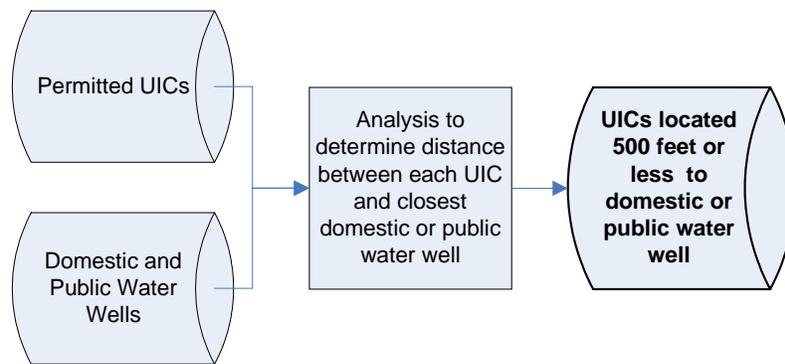
5.4 ArcGIS Process for Determining Distance between UICs and Wells

This section describes the process the City used to identify UICs located less than 500 feet from a domestic well, within a 2-year time of travel to a public water well, or less than 500 feet from a public water well without a delineated time of travel. Two primary ArcGIS analyses were used, as discussed below.

5.4.1 UICs within 500 Feet of a Well

Figure 5-1 shows the ArcGIS model used to develop a list of UICs located within 500 feet of a domestic or public water well. The 500-foot boundary applies to public water wells that do not have a 2-year time of travel or where the time of travel is less than 500 feet. The wells used in this analysis included those classified as inactive as well as those classified as active.

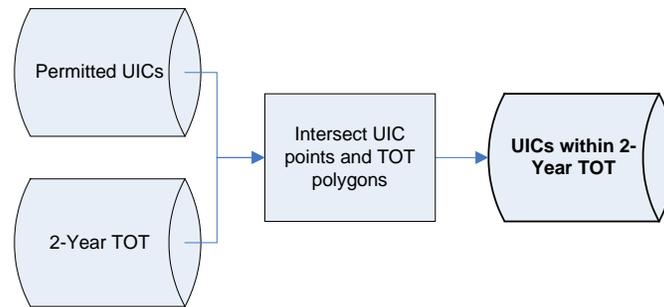
Figure 5-1
Process Used to Determine UICs Located within 500 Feet of a Domestic or Public Well



5.4.2 Two-Year Time-of-Travel Analysis for Public Water Wells

Figure 5-2 shows a simplified overview of the spatial query used to identify UICs that intersect the 2-year time-of-travel polygons established for the limited number of public water wells. The polygons are time-of-travel boundaries that have been reported to DHS for public water wells (i.e., those in the Powell Valley Water District and City Bible College).

Figure 5-2
Process Used to Determine UICs Located within 2-Year Time-of-Travel Polygons



5.5 Update: UICs within 500 Feet or 2-Year Time of Travel of a Well

For this Revised Systemwide Assessment, the City updated the existing well information and recalculated all setback distances (Section 5.2.4). Based on the original inventory process and the work completed to update the wells information, 423 stormwater UICs were identified within 500 feet or a 2-year time of travel to a drinking, irrigation, or public water well. The following is a breakdown of the total UICs:

- 312 stormwater UICs are estimated to be within 500 feet of a drinking water well (domestic and public). This is up from the total of 226 reported in 2015.
- 111 stormwater UICs are estimated to be within a 2-year time-of-travel boundary, but more than 500 feet from a public water well. This is up from the total of 45 reported in the 2015 Systemwide Assessment; DHS records have since confirmed domestic use for a well serving a manufactured home park at 13131 SE Stark St.

Appendix B lists these stormwater UICs in Tables B-1, and B-2 and shows them on Maps B-2 and B-3.

This Revised Systemwide Assessment reports only stormwater UICs estimated to be within 500 feet or a 2-year time of travel to a well. Using the updated well location information, distances of all UICs from domestic and public wells are reported in the UIC database used for this report.

5.6 Limitations of Analysis

The analysis and results presented above have the following limitations.

- Datasets discussed in Section 5.2.1 were limited by the following issues:
 - All well logs do not give a street address for the well, but rather have various alternate location formats. An attempt was made to identify a well location or a general area that could be followed up as part of the field survey.

- Well drillers were not required to complete well logs before 1955, so data before that time are less reliable. For many of the wells dug before 1955, well logs were filled out many years later, so there is less information and often duplication. An attempt was made to identify well locations from the provided information if possible.
- Some wells included in the USGS information were not found in the OWRD well logs or water rights.
- Some wells included in the OWRD information were not included in the USGS information.
- Datasets discussed in Section 5.2.2 were limited by the following issues:
 - Well location was sometimes difficult to confirm because owner information from the well log was often incorrect, and the property may have been sold or the owner may live elsewhere.
 - Address changes and well logs were not updated once the logs were filed. Therefore, the address on the well log may not exist anymore, limiting the ability to locate the well.
- The spatial analysis conducted in Sections 5.4 and 5.5 included only wells that could be located and confirmed by City staff.
- Data used for the analysis are based on March 2020 information. Any wells installed or decommissioned since that time were not included in the investigation.
- As with the City's Hansen database, the well log databases used in the Revised Systemwide Assessment contain dynamic information that is constantly changing.
- Analysis of distances between a well and a UIC were performed with the assumption that all evaluated datasets were complete. Any information not provided in the described datasets was not included in the assessment.

6 Inventory of All Injection Systems Prohibited by OAR 340-044-0015(2)

6.1 Introduction/Permit Requirements

The 2015 WPCF Permit requires the Systemwide Assessment to include an inventory of all injection systems that are prohibited by OAR 340-044-0015(2)—i.e., injection systems in vehicle maintenance areas, fuel dispensing areas, floor pits, non-vehicle maintenance facilities floor drains, and fire station bay floor drains. This section describes the process the City used to investigate whether any UICs meet these restrictions.

6.2 Motor Vehicle Maintenance Floor Drain Investigation

The City does not currently have any motor vehicle maintenance floor drains that discharge to a UIC. The Pollution Prevention Outreach (P2O) Team, described below, has certified the condition of all internal drains of this type for groundwater protection.

The P2O Team is a coalition of government agencies with environmental management responsibilities within the Portland metropolitan area that have banded together to coordinate pollution prevention efforts. P2O Team members include staff from the City of Gresham, City of Portland, Clackamas County, Clean Water Services, Metro, DEQ, City of Troutdale, and Washington County.

The P2O Team sponsors the Eco-Logical Business Program, which certifies businesses that operate environmentally responsible business practices. Under the Eco-Logical Business Program, the P2O Team developed the Automotive Ecological Certification Program in 1997. Automotive maintenance and repair facilities were selected because they use hazardous materials, generate hazardous waste, and are typically not regulated or inspected by DEQ or other local, regional, or state agencies.

One of the program requirements is that all certified facilities must identify the discharge location of all internal and external drains and catch basins. All internal drains within the shop work areas, with the exception of approved wash areas going to the sanitary sewer system, must be sealed. All UICs must be identified, registered, and, if necessary, decommissioned. When the City of Portland certified all eight of its automotive maintenance and repair shops in 2000/2001, it determined that no UICs were present at any of the facilities, all internal drains had been sealed, and all catch basins were connected to either the municipal separate storm sewer system or combined sanitary sewer system. When the shops are recertified, the City will verify that all internal drains are still sealed. The City recertifies its repair and maintenance shops a minimum of every 3 to 5 years.

6.3 Fire Station Bay Drain Investigation

BES worked with the City of Portland Fire Bureau in 2005–06 to identify and evaluate all City fire station bay drains and their discharge points. The City currently operates 30 fire stations and an additional six training and administration buildings. The inventory of these buildings was conducted in two phases:

- In Phase One, all current and historical Fire Bureau building plans on file with the City were collected and reviewed. Information was gathered from paper and microfiche documents on file at the Bureau of Development Services and the Fire Bureau logistics division.
- In Phase Two, site visits of all Fire Bureau buildings were conducted to confirm identified building plan information.

All fire station bay drains discharge to the City sanitary sewer system or combined sewer system. Fire Bureau staff confirmed this information for this Revised Systemwide Assessment. The City's Stormwater Management Manual would require any new or upgraded fire stations to connect to the sanitary or combined sewer system.

6.4 Indoor Parking Garage Investigation

BES worked with the Bureau of General Services (BGS) in 2006 to identify and evaluate all indoor parking garages owned by the City. The City currently operates seven indoor parking garages. Assessment of these facilities was conducted in two phases:

- In Phase One, all current and historical building plans on file with the City were collected and reviewed. Information was gathered from paper and microfiche documents on file with the Bureau of Development Services.
- In Phase Two, site visits of the parking facilities were conducted to confirm identified building plan information.

The inventory identified no UICs that drain indoor parking garages owned or operated by the City. All indoor parking garage locations discharge to the City sanitary sewer system or combined sewer system. BGS staff confirmed this information for this Revised Systemwide Assessment. The City's Stormwater Management Manual would require any new or upgraded indoor parking structures to connect to the sanitary or combined sewer system.

6.5 Update: UICs Prohibited by OAR 340-044-0015(2)

As in 2015, the City does not currently have any prohibited UICs as detailed in this OAR.

7 Inventory of All Industrial Facilities and Commercial Properties with Activities That Have the Potential to Discharge to City-Owned UICs

7.1 Introduction/Permit Requirements

The 2015 WPCF Permit requires the Systemwide Assessment to include an inventory of all industrial facilities and commercial properties with activities that have the potential to discharge to City-owned UICs. Because of the changing nature of businesses and types of activities, system changes, and dataset updates, the Revised Systemwide Assessment is considered independent of the assessment completed in 2015. This section describes the process BES used to identify industrial facilities and commercial properties.

7.2 Identification of Commercial/Industrial Businesses

Two tools were considered to determine commercial/industrial activity types: the Portland Zoning Code designations and the North American Industry Classification System (NAICS) code classifications. NAICS classifications were selected for use, as described below.

7.2.1 Portland Zoning Code

The Portland Zoning Code is intended to implement Portland's Comprehensive Plan and related land use plans in a manner that protects the health, safety, and general welfare of the residents of Portland. Included within City of Portland Zoning Code Title 33 are designations for commercial zones, employment zones, and industrial use zones. Zonal code designations merely describe the potential for a business to engage in industrial or commercial activities, while NAICS codes are designations of industry and practices according to a business license. For this reason, the Portland Zoning Code designations are included in the inventory but were not used in the identification and selection process.

7.2.2 North American Industry Classification System (NAICS)

NAICS codes are used by businesses and government to classify business establishments according to type of economic activity or industry in Canada, Mexico, and the United States. NAICS codes assigned to establishments are based on the types of activities the establishments primarily conduct. NAICS codes have largely replaced the older Standard Industrial Classification (SIC) system.

This industry-based classification system is the current standard used by federal statistical agencies to classify businesses for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy. It is also used to track industrial and commercial activities as part of other regulatory municipal stormwater permit programs.³

There are 1,056 industry-based six-digit NAICS codes. As BES considered each industry, individual NAICS codes were selected based on whether the industry implies a potential for onsite commercial or industrial activities. By applying this criterion, 692 codes were selected and used as a filter for identifying commercial and industrial businesses. Appendix C (Table C-1) provides the final list of NAICS codes and code descriptions.

7.3 Datasets Used for Analysis

Two datasets were considered for identifying commercial or industrial businesses according to selected NAICS industry classification codes: 1) the licensure information for all licensed businesses located within the City of Portland, and 2) the Oregon State Fire Marshal (OSFM) Hazardous Substance Information Survey.

Businesses identified for the inventory are located on tax lots within a UIC drainage area and have a selected NAICS code that classifies the business type as more likely to create site drainage that could potentially contribute to a violation of the WPCF Permit. The identification process is described below.

7.3.1 Identification of Commercial/Industrial Businesses within the City of Portland

The Oregon Department of Employment (OED) maintains a database containing information about licensed businesses in the City of Portland. BES received permission to use this data to identify at least one NAICS code for each business that describes the primary type of industry. This comprehensive and digitized dataset contains **33,465** licensed businesses located within the City of Portland. This 2018 dataset is the most current dataset available.

Out of the 33,465 records, 7,429 records have codes that are included in the list of **692** selected NAICS codes; for the purposes of this assessment, these businesses are considered commercial/industrial.

³ Source: <http://www.naics.com/info.htm>.

7.3.2 Oregon State Fire Marshal Hazardous Substance Information Survey

In 1985, the Oregon Legislature passed the Oregon Community Right to Know and Protection Act. The purpose of this law is to provide first responders and the public with information about hazardous substances in their respective response areas and neighborhoods. The law directs the OSFM to survey business and government facilities for information about the presence of hazardous substances and to collect information about incidents involving hazardous substances. Facilities in Oregon that possess a reportable quantity⁴ of a hazardous substance are required to report those substances on survey.⁵

Data downloaded from the OSFM contains business information, names and quantities of onsite hazardous materials, and NAICS codes for all facilities in Portland that reported and submitted the survey. OSFM data point locations were digitized using ArcGIS. A total of **1,691** out of **2,538** OSFM business records have NAICS codes included in the list of **692** selected NAICS codes. For the purposes of this assessment, these businesses are also considered commercial/industrial.

7.3.3 City of Portland UIC Catchment Development

BES has developed a GIS tool to delineate urban drainage basins (catchments) using a combination of stormwater conveyance inventory data and high-resolution surface elevation data based on LiDAR.⁶ The tool traces water flow both over land and through the City's drainage infrastructure to calculate the catchment area contributing flow to any point in the network selected by the user or to selected surface locations. The tool can use any set of points as locations to determine catchment area. These selected locations are (in order of priority):

- Stormwater inlets known to be draining to UIC pre-treatment systems, or
- Where inlets are not in the stormwater conveyance inventory, the pre-treatment system locations, or
- Where UICs are known to exist, but neither inlets nor pre-treatment systems are in the conveyance inventory, the UIC locations themselves. For UICs in series, the "upper" UIC is selected as the point of catchment delineation.

The tool starts with a stormwater drainage network. For BES, the source for this drainage network is BES's Hansen facility management system, which represents the best available data for all BES infrastructure. The UIC data are filtered, and locations for catchment delineations are selected as discussed above.

⁴ 500 gallons, cubic feet, and pounds (liquids, non-liquefied gases and solids, respectively). Also, any quantity of a radioactive substance or radioactive waste.

⁵ Source: Oregon State Fire Marshal

⁶ Remote sensing technology that measures distance by illuminating a target with a laser and analyzing the reflected light.

The tool also requires the definition of surface drainage terrain. This is obtained using high-resolution digital elevation terrain data derived from the City's LiDAR data collection. Though collected at various time periods, the data available for most of the UIC areas of interest are of the highest quality and accuracy of all LiDAR data available. From this, a terrain model is created that is used in conjunction with the stormwater drainage network from the Hansen system.

The tool starts at the delineation points specified (in this case, UICs or their related stormwater drainage elements), and then traces up through stormwater drainage elements (pipes, ditches, inlets, or other stormwater conveyance elements). For the purposes of this discussion, the conveyance elements directly draining to each UIC are "Level 1" conveyance elements. When the tool finds the end of each stormwater drainage element associated with each UIC in Level 1, the delineation tool "switches" to the digital terrain data and finds all surface drainage pathways leading to the end of each stormwater drainage element. These surface drainage pathways are things such as curbs and gutters, small drainage swales, and land surface where stormwater can run across to a lower place. In this case, the lower places would be any Level 1 conveyance elements draining directly into UICs. This tracing up the land surfaces spreads out across the landscape until it either ends at the top of a local stormwater divide or at the outlet of another level (in this case, Level 2) of stormwater conveyance elements (pipes, ditches, inlets, etc.). The tool repeats this pattern of tracing up either conveyance elements or surface terrain until no more "uphill" area is available for stormwater to drain from. The area captured using this method is then associated with each original UIC, which was the starting point for the entire trace.

This GIS tool involves data preparation. Although the tool has been tested on a number of stormwater conveyance types for various BES projects and programs, it is still not entirely error free, though it is substantially faster than previous methods and is reliable enough to use, particularly since there are over 9,200 active UICs in the BES UIC inventory to delineate.

7.4 Update: Identification of Businesses That May Drain to City-Owned UICs

As in 2015, the process for identifying industrial facilities and commercial properties with the potential to discharge to a City-owned UIC was completed using the ArcGIS selection process. All commercial and industrial businesses that intersect delineated UIC subcatchment or drainage boundaries were identified, and a resulting list of business tax lots was developed. The final list identifies commercial and industrial businesses that are located within a tax lot that intersects a UIC subcatchment. In total, there are **1,703** businesses located within **1,607** properties that intersect **2,201** UIC subcatchments. Some properties contain more than one commercial/industrial business and a business may be listed more than once. Some UIC subcatchments contain more than one UIC, but only the primary UIC is listed. Appendix C lists these properties by business name, site address, and commercial and industrial activity codes with code descriptions, as well as the unique ID for the City-owned UIC that may receive drainage from the property.

7.5 Limitations of the Process

Although the best available information to date was used, this process has the following limitations:

- Business license data are included up to 2018.
- The process assumed that the OSFM data included complete and accurate x/y coordinates for digitization.
- The process assumed that the OSFM and business license data are complete. Any information not included within the query on the OSFM database, or provided by OED, was not included.
- The UIC subcatchment information approximates drainage based on best available data. The subcatchments are based on computer analysis and have not been field verified.
- The process assumes that if an intersection between a tax lot and a UIC subcatchment exists, some portion of the identified property may drain to that UIC. Actual drainage from an identified property may not have any impacts from the business site practices or the area of the property where work occurs or where chemicals are stored.

Appendix A: Stormwater UICs that Discharge into Groundwater

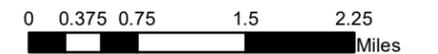
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MAP A-1

Stormwater UICs that Discharge Directly into Groundwater

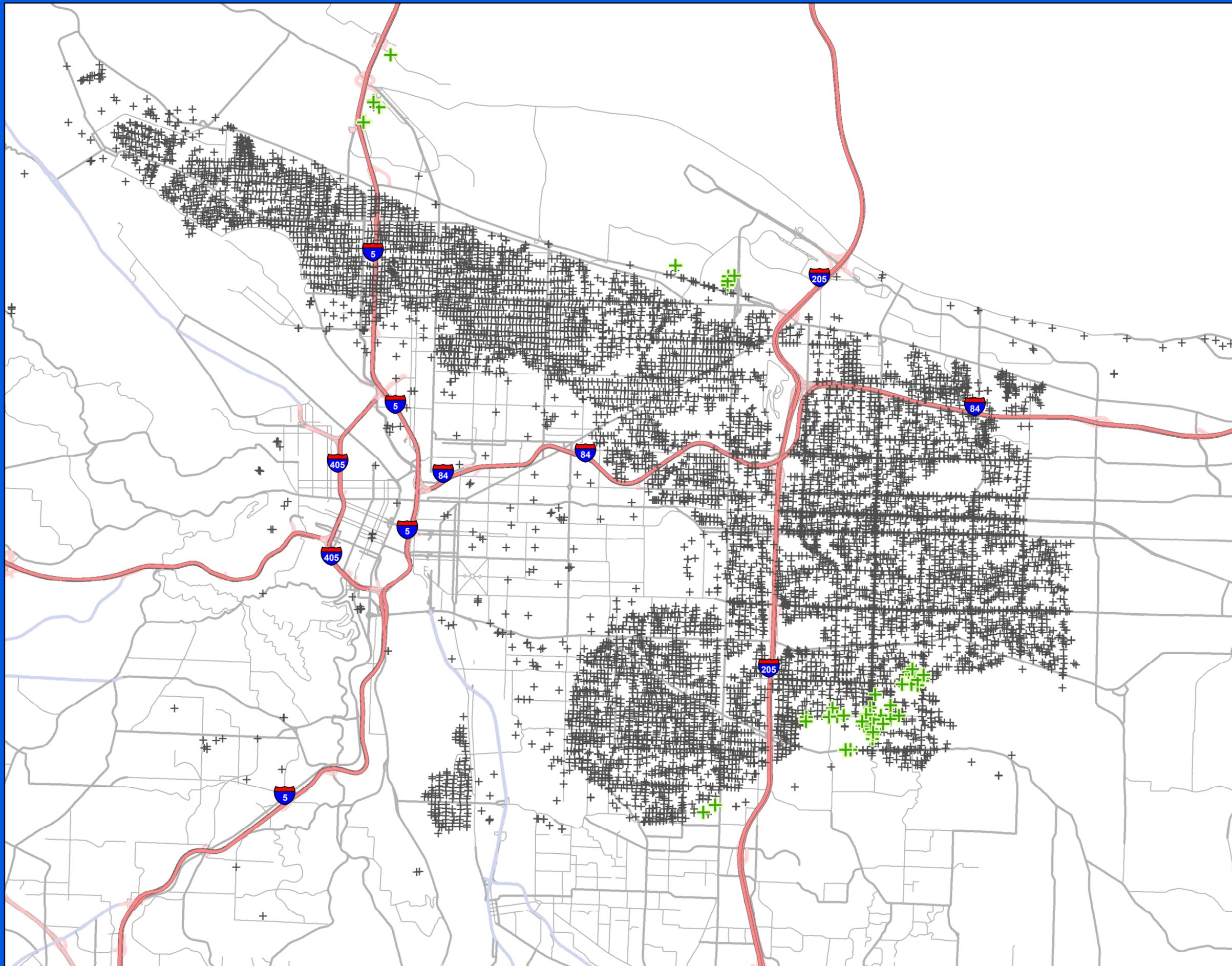
Legend

- + Direct Discharge UICs
- + BES Managed UICs



This map was produced in support of the City of Portland's second WPCF Permit for Class V Stormwater Underground Control Systems issued May 2015.

Data were compiled from various sources. This product was developed through digital means and may be updated without notification. No warranty is made by the City of Portland Bureau of Environmental Services as to the accuracy, reliability, or completeness of these data. Data shown is to be used for reference purposes only. This map should not be used for jurisdictional authority, ownership, or operations and maintenance responsibilities.



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Appendix A

Table A-1: Stormwater UICs that Discharge into Groundwater

DEQ Permit ID	City of Portland Hansen Database UNIT ID	Well Location	DEQ Type Code	Separation Distance	Distance to Nearest Domestic Use Well	Well Log ID	2-Year Time-of-Travel
10102-117	AMT874	5525 SE 109th Ave	5D2	0	1457	MULT51955	NO
10102-169	ADV190	5525 SE 109th Ave	5D2	-1	1003	MULT51955	NO
10102-232	AMS283	5532 SE 117th Ave	5D2	-5	1986	MULT52202	NO
10102-267	ADV204	12338 SE Foster Rd	5D2	-6	1460	MULT59758	NO
10102-352	AMY600	13828 SE Mall St	5D2	-2	1009	MULT2869	NO
10102-558	AMX688	13828 SE Mall St	5D2	-4	647	MULT2869	NO
10102-709	ANA587	13020 SE Long St	5D2	-3	884	MULT66310	NO
10102-710	ANA589	13020 SE Long St	5D2	0	1054	MULT66310	NO
10102-711	ANA590	13020 SE Long St	5D2	-1	1058	MULT66310	NO
10102-712	ANA591	13020 SE Long St	5D2	-1	1062	MULT66310	NO
10102-713	ANA592	13020 SE Long St	5D2	-1	1067	MULT66310	NO
10102-714	ANA596	13020 SE Long St	5D2	-16	928	MULT66310	NO
10102-870	ANB185	7317 NE Columbia Blvd	5D2	-11	1978	MULT72091	NO
10102-925	AMX686	13828 SE Mall St	5D2	-9	1003	MULT2869	NO
10102-3106	ADV384	7317 NE Columbia Blvd	5D2	-10	2314	MULT72091	NO
10102-4830	ADV950	8439 SE Harney St	5D2	-13	1849	MULT1156	NO
10102-5269	ADV196	5532 SE 117th Ave	5D2	-13	962	MULT52202	NO
10102-5270	ADV197	5532 SE 117th Ave	5D2	-5	680	MULT52202	NO
10102-5286	ADV203	12338 SE Foster Rd	5D2	-1	1096	MULT59758	NO
10102-5287	ADV205	12338 SE Foster Rd	5D2	-7	1442	MULT59758	NO
10102-5288	ADT682	5532 SE 117th Ave	5D2	-11	1615	MULT52202	NO
10102-5289	ADT683	12338 SE Foster Rd	5D2	-3	1592	MULT59758	NO
10102-5292	ADT687	5532 SE 117th Ave	5D2	-4	1463	MULT52202	NO
10102-5293	ADT688	13106 SE Long St	5D2	-8	2137	MULT4065	NO
10102-5294	ADT689	13106 SE Long St	5D2	-8	1781	MULT4065	NO
10102-5295	ADT690	5532 SE 117th Ave	5D2	-7	1308	MULT52202	NO
10102-5296	ADT691	12338 SE Foster Rd	5D2	-4	2151	MULT59758	NO
10102-5300	ADT696	12338 SE Foster Rd	5D2	0	1545	MULT59758	NO
10102-5319	ADT716	5532 SE 117th Ave	5D2	-11	1482	MULT52202	NO
10102-5347	AMR553	8439 SE Harney St	5D2	-13	1136	MULT1156	NO
10102-5435	ADV154	5525 SE 109th Ave	5D2	0	2130	MULT51955	NO
10102-5463	ADV187	5525 SE 109th Ave	5D2	0	1427	MULT51955	NO
10102-5464	ADV188	5525 SE 109th Ave	5D2	0	1322	MULT51955	NO
10102-5465	ACP892	5525 SE 109th Ave	5D2	0	1247	MULT51955	NO
10102-5466	ADV189	5525 SE 109th Ave	5D2	0	1054	MULT51955	NO
10102-5468	ADV191	5560 SE 109th Ave	5D2	-3	711	UICP0058	NO
10102-5910	ADU731	4901 SE 115th Ave	5D2	-2	1074	MULT2892	NO
10102-5912	ADU734	5532 SE 117th Ave	5D2	-8	981	MULT52202	NO
10102-5914	ADU735	5532 SE 117th Ave	5D2	-9	955	MULT52202	NO
10102-5921	ADU738	13106 SE Long St	5D2	-11	1060	MULT4065	NO
10102-5931	ADU751	4730 SE 118th Ave	5D2	0	1408	MULT51365	NO
10102-5936	ADU755	13106 SE Long St	5D2	-3	1307	MULT4065	NO
10102-6287	ADT426	3646 SE 130th Ave	5D2	-2	1399	MULT2867	NO
10102-6314	ADT453	13020 SE Long St	5D2	0	1112	MULT66310	NO
10102-6315	ADT454	12314 SE Holgate Blvd	5D2	0	1045	MULT2884	NO
10102-6324	ADT463	13828 SE Mall St	5D2	-1	1543	MULT2869	NO
10102-6325	ADT464	13828 SE Mall St	5D2	-4	1363	MULT2869	NO
10102-6326	ADT466	3646 SE 130th Ave	5D2	-1	1286	MULT2867	NO
10102-6331	ADT471	13828 SE Mall St	5D2	-1	778	MULT2869	NO
10102-6335	ADT475	13828 SE Mall St	5D2	-8	798	MULT2869	NO
10102-9131	APJ360	5001-5003 N Columbia Blvd	5D2	-4	602	G5933	NO
10102-9132	APJ362	10500 N Denver Ave	5D2	-4	609	MULT930	NO

Appendix A

DEQ Permit ID	City of Portland Hansen Database UNIT ID	Well Location	DEQ Type Code	Separation Distance	Distance to Nearest Domestic Use Well	Well Log ID	2-Year Time-of-Travel
10102-9133	APJ361	10500 N Denver Ave	5D2	-4	590	MULT930	NO
10102-9134	APJ363	10500 N Denver Ave	5D2	-4	533	MULT930	NO
10102-9135	APJ365	10500 N Denver Ave	5D2	-4	533	MULT930	NO
10102-9136	APJ364	10500 N Denver Ave	5D2	-4	509	MULT930	NO
10102-9137	APJ366	10850 N Denver Ave	5D2	-1	596	MULT925	NO
10102-9138	APJ369	10850 N Denver Ave	5D2	-1	512	MULT925	NO
10102-9142	APJ371	10850 N Denver Ave	5D2	0	602	MULT925	NO
10102-9143	APJ376	10850 N Denver Ave	5D2	-1	675	MULT925	NO
10102-9144	APJ375	10850 N Denver Ave	5D2	-1	721	MULT925	NO
10102-9145	APJ377	10850 N Denver Ave	5D2	-1	735	MULT925	NO
10102-9243	APJ198	11851 N Jantzen Ave	5D2	-3	1086	MULT2027	NO
10102-9679	APV741	5826 SE 115th Ave	5D2	-1	1300	MULT67830	NO
10102-9783	AQT793	5532 SE 117th Ave	5D2	0	1334	MULT52202	NO
10102-9784	AQT796	4730 SE 118th Ave	5D2	-1	1321	MULT51365	NO
10102-9785	AQT756	6849 NE Columbia Blvd	5D2	-3	1156	MULT1152	NO
10102-9786	AQT757	7317 NE Columbia Blvd	5D2	-14	2399	MULT72091	NO
10102-9787	AQT758	7317 NE Columbia Blvd	5D2	-10	2160	MULT72091	NO
10102-9788	AQT759	7317 NE Columbia Blvd	5D2	-26	2197	MULT72091	NO
10102-9791	AQT767	5560 SE 109th Ave	5D2	-9	621	UICP0058	NO
10102-9792	AQT769	11617 SE Harold St	5D2	-4	898	MULT2891	NO
10102-9795	AQT782	5532 SE 117th Ave	5D2	-8	1525	MULT52202	NO
10102-9796	AQT783	5532 SE 117th Ave	5D2	-6	1175	MULT52202	NO
10102-9797	AQT785	5532 SE 117th Ave	5D2	0	1217	MULT52202	NO
10102-9798	AQT788	5532 SE 117th Ave	5D2	-9	1238	MULT52202	NO
10102-9799	AQT790	5532 SE 117th Ave	5D2	-4	1127	MULT52202	NO
10102-9800	AQT792	5532 SE 117th Ave	5D2	0	1287	MULT52202	NO
10102-9801	AQT765	5525 SE 109th Ave	5D2	-3	1026	MULT51955	NO
10102-9812	AQT809	5826 SE 115th Ave	5D2	-6	1247	MULT67830	NO
10102-9813	AQT810	5826 SE 115th Ave	5D2	-1	1305	MULT67830	NO
10102-9814	AQT811	5826 SE 115th Ave	5D2	-7	1275	MULT67830	NO
10102-9925	ARH560	5532 SE 117th Ave	5D2	-12	1614	MULT52202	NO

**Appendix B: Stormwater UICs Located within 500 Feet
or a Two-Year Time of Travel of Domestic Use Wells**

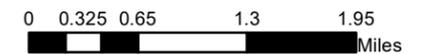
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MAP B-1

Drinking and Irrigation Water Wells

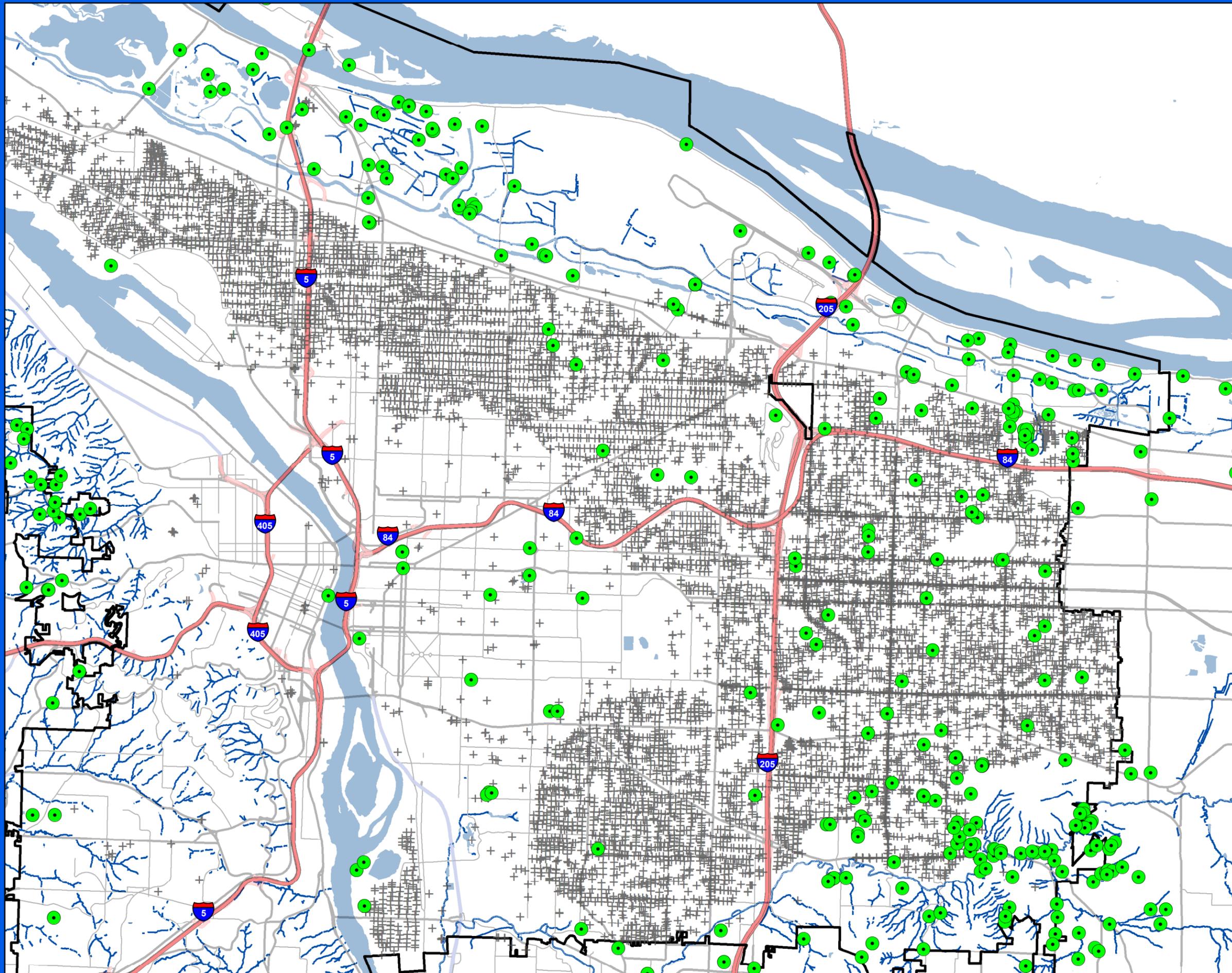
Legend

-  Water Wells
-  BES Managed UICs
-  City of Portland



This map was produced in support of the City of Portland's second WPCF Permit for Class V Stormwater Underground Control Systems issued May 2015.

Information contained on this map is accurate according to available records, however, the City of Portland makes no warranty, expressed or implied, as to the completeness or accuracy of the information published. Although care was applied in the compilation of the data from the various original data sources, quality assurance on those original data was not performed, except in specific instances. This product was developed through digital means and may be updated without notification.

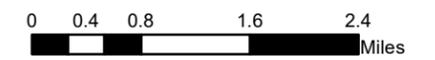
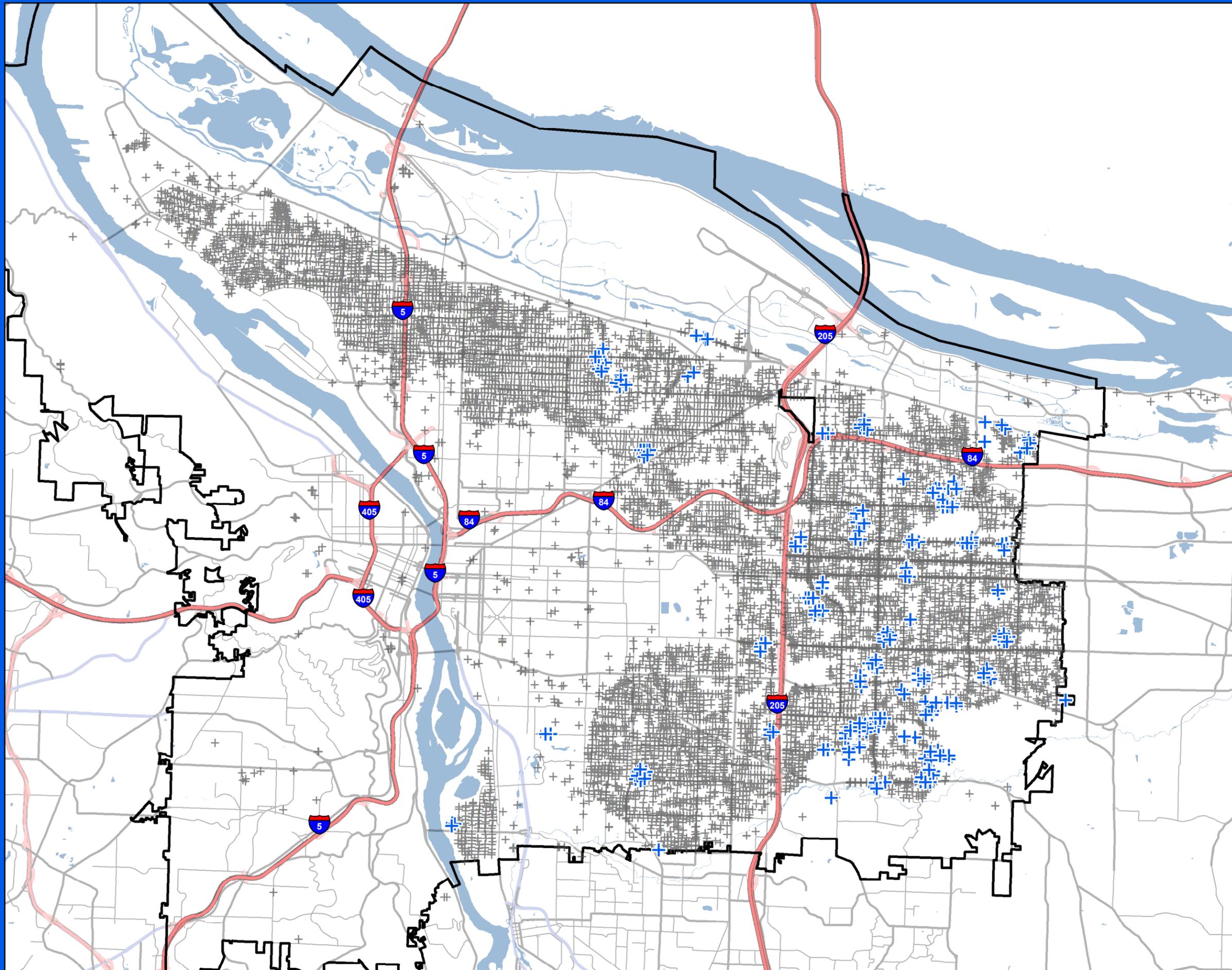


MAP B-2

Stormwater UICs located within 500 ft of a Water Well

Legend

- + UICs < 500ft of a Well
- + BES Managed UICs
- City of Portland



This map was produced in support of the City of Portland's second WPCF Permit for Class V Stormwater Underground Control Systems issued May 2015.

Data were compiled from various sources. This product was developed through digital means and may be updated without notification. No warranty is made by the City of Portland Bureau of Environmental Services as to the accuracy, reliability, or completeness of these data. Data shown is to be used for reference purposes only. This map should not be used for jurisdictional authority, ownership, or operations and maintenance responsibilities.

Appendix B

Table B-1: Stormwater UICS Located within 500 Feet from a Domestic Use Well

UICID	DEQ Permit ID	City of Portland Hansen Database Unit ID	Well Location	DEQ Type Code	Distance to Nearest Domestic Use Well	Well Log ID	Separation Distance	2-Year Time of Travel
10	10102-10	ADU052	6849 NE Columbia Blvd	5D2	382	MULT1152	19	NO
10003	10102-10003	ASL367	12134 SE Woodward Pl	5D2	406	UNK8	26	NO
10012	10102-10012	R00615	3320 SE 134th Ave	5D2	444	MULT2877	55	NO
10013	10102-10013	R00616	1017 NE 117TH AVE	5D2	487	MULT1233	56	NO
10015	10102-10015	AQU496	3320 SE 134th Ave	5D2	68	MULT2877	39	NO
10025	10102-10025	R00626	3320 SE 134th Ave	5D2	198	MULT2877	114	NO
10080	10102-10080	R00672	3320 SE 134th Ave	5D2	192	MULT2877	21	NO
10081	10102-10081	R00673	5215 SE 32nd Ave	5D2	260	MULT2783	19	NO
10123	10102-10123	R00711	5215 SE 32nd Ave	5D2	414	MULT2783	7	NO
1083	10102-1083	ADR046	3200 SE 153rd Ave	5D2	360	UICP0102	13	NO
1086	10102-1086	ADR040	6615 SE 52nd Ave	5D2	488	MULT2893	10	NO
1125	10102-1125	ABA416	14115 NE HALSEY ST	5D2	462	UICP0088	35	NO
1165	10102-1165	ADQ240	5700 NE 39th Ave	5D2	456	MULT982	136	NO
1176	10102-1176	ADS747	3412 NE 151st Ave	5D2	463	MULT3149	30	NO
1189	10102-1189	ADS310	3646 SE 130th Ave	5D2	469	MULT2867	63	NO
1193	10102-1193	ADS335	6849 NE Columbia Blvd	5D2	464	MULT1152	65	NO
1273	10102-1273	ADP871	6615 SE 52nd Ave	5D2	378	MULT2893	96	NO
1437	10102-1437	ADS000	6849 NE Columbia Blvd	5D2	433	MULT1150	87	YES
1458	10102-1458	ADR344	10800 SE Washington St	5D2	337	MULT2846	113	NO
1460	10102-1460	ADR367	9000 SE Division St	5D2	43	MULT557	113	NO
1517	10102-1517	ADW450	10850 N Denver Ave	5D2	416	MULT925	76	NO
1562	10102-1562	ADN996	12314 SE Holgate Blvd	5D2	313	MULT2884	37	NO
1588	10102-1588	ADV701	11721 SE POWELL BLVD	5D2	251	UICP0034	109	NO
1630	10102-1630	ADR373	5700 NE 39th Ave	5D2	272	MULT982	112	NO
1633	10102-1633	ADR396	10800 SE Washington St	5D2	404	MULT2846	107	NO
1771	10102-1771	ADP896	13931 NE GLISAN ST	5D2	98	MULT114188	24	NO
1790	10102-1790	ADQ234	9000 SE Division St	5D2	270	MULT557	139	NO
1802	10102-1802	ADQ303	12314 SE Holgate Blvd	5D2	410	MULT2884	99	NO
1849	10102-1849	ADV424	10800 SE Washington St	5D2	433	MULT2846	150	NO
186	10102-186	ADU901	4901 SE 115th Ave	5D2	224	MULT2892	101	NO
246	10102-246	AMP053	13733 SE Foster Rd	5D2	478	MULT2880	43	NO
258	10102-258	ADV194	13803 SE Center St	5D2	457	MULT2868	6	NO
285	10102-285	AMV613	3849 NE 158th Ave	5D2	322	MULT1171	5	NO
295	10102-295	AMY013	3849 NE 158th Ave	5D2	166	MULT1171	11	NO
296	10102-296	AMY015	7951 SE 7th Ave	5D2	380	MULT60074	10	NO
297	10102-297	AMY016	13339 SE Raymond St	5D2	376	MULT2881	11	NO
298	10102-298	ADT700	4730 SE 118th Ave	5D2	429	MULT51365	31	NO
312	10102-312	ADW324	4901 SE 115th Ave	5D2	480	MULT2892	53	NO
323	10102-323	ANA969	6112 SE Clatsop St	5D2	315	CLAC353	109	NO
3330	10102-3330	AAR393	14015 NE Glisan St	5D2	439	MULT1237	114	NO
3331	10102-3331	ADQ186	12338 SE Foster Rd	5D2	456	MULT59758	115	NO
3472	10102-3472	ADQ305	16430 SE Powell Blvd	5D2	454	MULT2963	86	NO
3497	10102-3497	AAR490	5826 SE 115th Ave	5D2	213	MULT67830	129	NO
3498	10102-3498	ADQ244	13931 NE GLISAN ST	5D2	207	MULT1234	130	NO
3515	10102-3515	ADV425	10800 SE Washington St	5D2	172	MULT2846	154	NO
3522	10102-3522	ADQ229	10501 SE Market St	5D2	372	MULT2848	149	NO
3524	10102-3524	ADQ231	10850 N Denver Ave	5D2	497	MULT925	144	NO
3529	10102-3529	ADQ237	10800 SE Washington St	5D2	490	MULT2846	146	NO
3546	10102-3546	ADQ217	14231 SE Ellis St	5D2	305	MULT2879	120	NO
3556	10102-3556	AAR395	6615 SE 52nd Ave	5D2	288	MULT2893	112	NO
3557	10102-3557	ADQ187	10501 SE Market St	5D2	311	MULT2848	113	NO
3561	10102-3561	ADQ191	13931 NE GLISAN ST	5D2	460	MULT1234	125	NO
3562	10102-3562	AAR407	13931 NE GLISAN ST	5D2	451	MULT114188	134	NO

Appendix B

UICID	DEQ Permit ID	City of Portland Hansen Database Unit ID	Well Location	DEQ Type Code	Distance to Nearest Domestic Use Well	Well Log ID	Separation Distance	2-Year Time of Travel
3565	10102-3565	ADQ199	10123 SE Market St	5D2	261	MULT51860	123	NO
3566	10102-3566	ADQ198	11800 NE Shaver St	5D2	180	MULT1159_3	125	NO
3573	10102-3573	ADQ195	9001 SE Steele St	5D2	463	MULT50871	134	NO
3907	10102-3907	ADQ968	10800 SE Washington St	5D2	142	MULT2846	157	NO
3911	10102-3911	ADQ972	10800 SE Washington St	5D2	292	MULT2846	157	NO
4014	10102-4014	ADR017	12314 SE Holgate Blvd	5D2	246	MULT2884	84	NO
4015	10102-4015	ADR018	14115 NE HALSEY ST	5D2	112	UICP0088	79	NO
4016	10102-4016	ADR019	10800 SE Washington St	5D2	383	MULT2846	70	NO
4024	10102-4024	ADQ994	10850 N Denver Ave	5D2	426	MULT925	85	NO
4025	10102-4025	ADQ995	5700 NE 39th Ave	5D2	475	MULT982	92	NO
4029	10102-4029	ADW037	10123 SE Market St	5D2	396	MULT51860	98	NO
4040	10102-4040	ADR045	10800 SE Washington St	5D2	453	MULT2846	13	NO
4060	10102-4060	ADN501	14015 NE Glisan St	5D2	126	MULT1238	202	NO
4061	10102-4061	ADN502	10501 SE Market St	5D2	277	MULT2848	202	NO
4062	10102-4062	ADN503	11800 NE Shaver St	5D2	414	MULT1159_3	200	NO
4064	10102-4064	ADN506	13339 SE Raymond St	5D2	400	MULT2881	193	NO
4065	10102-4065	ADN507	13045 SE Stark St	5D2	346	MULT1236	196	NO
416	10102-416	AMW357	6722 NE Alberta St	5D2	277	MULT63629	19	NO
417	10102-417	AMW360	10800 SE Washington St	5D2	370	MULT2846	16	NO
430	10102-430	AMZ944	1940 NE 137TH AVE	5D2	422	MULT1216	47	NO
4311	10102-4311	ABA231	5826 SE 115th Ave	5D2	449	MULT67830	61	NO
4317	10102-4317	ADQ610	15885 SE Main St	5D2	218	MULT2838	34	NO
4318	10102-4318	ABA071	12314 SE Holgate Blvd	5D2	180	MULT2884	34	NO
442	10102-442	ADS759	5247 NE 43rd Ave	5D2	162	MULT4753	30	NO
4434	10102-4434	AMP420	6615 SE 52nd Ave	5D2	418	MULT2893	17	NO
4456	10102-4456	AMP423	13931 NE GLISAN ST	5D2	403	MULT114188	20	NO
4458	10102-4458	AMP428	10800 SE Washington St	5D2	270	MULT2846	14	NO
4459	10102-4459	AMP430	12314 SE Holgate Blvd	5D2	337	MULT2884	11	NO
4464	10102-4464	AMP794	12338 SE Foster Rd	5D2	313	MULT59758	25	NO
4470	10102-4470	AMP790	13824 SE Ellis St	5D2	211	MULT4300	21	NO
4502	10102-4502	ABA415	6849 NE Columbia Blvd	5D2	470	MULT1150	39	NO
4503	10102-4503	ABA418	5700 NE 39th Ave	5D2	495	MULT982	39	NO
4767	10102-4767	AMR752	5500 SE 139th Ave	5D2	374	MULT4596	23	NO
4799	10102-4799	ADU220	4901 SE 115th Ave	5D2	427	MULT2892	87	NO
4800	10102-4800	ADU221	13733 SE Foster Rd	5D2	446	MULT2880	94	NO
4958	10102-4958	ADU045	1500 SE 130th Ave	5D2	215	MULT2841	26	NO
4959	10102-4959	ADU046	15885 SE Main St	5D2	410	MULT2838	34	NO
4988	10102-4988	AMP299	13824 SE Ellis St	5D2	356	MULT4300	31	NO
510	10102-510	ADR706	3200 SE 153rd Ave	5D2	215	UICP0102	108	NO
5190	10102-5190	ADT833	2135 SE 158th Ave	5D2	462	PWS00649	105	NO
5266	10102-5266	AMW353	10800 SE Washington St	5D2	430	MULT2846	20	NO
5267	10102-5267	ADV193	1940 NE 137TH AVE	5D2	313	MULT1216	5	NO
528	10102-528	ANA620	6112 SE Clatsop St	5D2	315	CLAC353	89	NO
5303	10102-5303	ADT699	4730 SE 118th Ave	5D2	396	MULT51365	32	NO
5318	10102-5318	ADT715	13900 SE Knight St	5D2	498	MULT2882	23	NO
5320	10102-5320	ADW323	3020 NE 162nd Ave	5D2	466	UICP0064	37	NO
5323	10102-5323	ADU000	5247 NE 43rd Ave	5D2	436	MULT4753	38	NO
5324	10102-5324	ADT721	12134 SE Woodward Pl	5D2	297	UNK8	8	NO
5325	10102-5325	ADT722	11547-11549 NE Glisan St	5D2	197	MULT4558	7	NO
5326	10102-5326	ADT723	3412 NE 151st Ave	5D2	187	MULT3149	13	NO
5327	10102-5327	ADT724	12134 SE Woodward Pl	5D2	417	UNK8	19	NO
5329	10102-5329	ADT726	3020 NE 162nd Ave	5D2	367	UICP0064	22	NO
5333	10102-5333	ADT732	1017 NE 117TH AVE	5D2	312	MULT1233	33	NO
5476	10102-5476	ADU917	12509 SE SHERMAN ST	5D2	445	UICP0057	100	NO
5477	10102-5477	ADU918	13733 SE Foster Rd	5D2	492	MULT2880	101	NO

Appendix B

UICID	DEQ Permit ID	City of Portland Hansen Database Unit ID	Well Location	DEQ Type Code	Distance to Nearest Domestic Use Well	Well Log ID	Separation Distance	2-Year Time of Travel
5674	10102-5674	ADU873	7951 SE 7th Ave	5D2	424	MULT60074	103	NO
5675	10102-5675	ADU875	5560 SE 109th Ave	5D2	333	UICP0058	101	NO
5687	10102-5687	ADU874	13045 SE Stark St	5D2	472	MULT1236	102	NO
5688	10102-5688	ACN798	4737 NE Going St	5D2	497	MULT53324	102	NO
5699	10102-5699	ADU872	14115 NE HALSEY ST	5D2	408	UICP0088	103	NO
5705	10102-5705	ADU902	13733 SE Foster Rd	5D2	289	MULT2880	102	NO
5730	10102-5730	ADU702	4730 SE 118th Ave	5D2	201	MULT51365	51	NO
5731	10102-5731	ADU703	2135 SE 158th Ave	5D2	348	PWS00649	45	NO
575	10102-575	ADW276	1919 NE 142ND AVE	5D2	474	MULT1217	6	NO
5763	10102-5763	ADW228	3020 NE 162nd Ave	5D2	437	UICP0064	7	NO
581	10102-581	AMZ732	12314 SE Holgate Blvd	5D2	461	MULT2884	25	NO
582	10102-582	AMZ735	12456 NE Brazee St	5D2	157	MULT1218	25	NO
583	10102-583	AMZ738	12314 SE Holgate Blvd	5D2	299	MULT2884	25	NO
585	10102-585	AMZ745	10800 SE Washington St	5D2	307	MULT2846	26	NO
5873	10102-5873	ADW241	13828 SE Mall St	5D2	491	MULT2869	16	NO
5874	10102-5874	ADW242	636 NE 99th Ave	5D2	227	MULT1229	13	NO
5882	10102-5882	ADW251	3200 SE 153rd Ave	5D2	418	UICP0102	8	NO
5883	10102-5883	ADW253	5525 SE 109th Ave	5D2	371	MULT51955	7	NO
5884	10102-5884	ADW254	1919 NE 142ND AVE	5D2	329	MULT1217	6	NO
5885	10102-5885	ADW255	13803 SE Center St	5D2	393	MULT2868	13	NO
5886	10102-5886	ADU733	4730 SE 118th Ave	5D2	490	MULT51365	9	NO
5890	10102-5890	ADW259	1017 NE 117TH AVE	5D2	420	MULT1232	6	NO
5905	10102-5905	ADU727	4730 SE 118th Ave	5D2	243	MULT51365	16	NO
5907	10102-5907	ADU728	3518 NE 162nd Ave	5D2	353	MULT1411	10	NO
5909	10102-5909	ACK372	11721 SE POWELL BLVD	5D2	381	UICP0034	9	NO
5913	10102-5913	ACK389	5247 NE 43rd Ave	5D2	482	MULT4753	9	NO
5919	10102-5919	ADU736	5532 SE 117th Ave	5D2	428	MULT52202	6	NO
5952	10102-5952	ACK566	4730 SE 118th Ave	5D2	160	MULT51365	25	NO
5953	10102-5953	ADU770	13900 SE Knight St	5D2	171	MULT2882	25	NO
599	10102-599	ANB159	14015 NE Glisan St	5D2	417	MULT1237	31	NO
5995	10102-5995	ADV256	10501 SE Market St	5D2	410	MULT2848	23	NO
5996	10102-5996	ADV257	10800 SE Washington St	5D2	257	MULT2846	29	NO
600	10102-600	ANB161	6615 SE 52nd Ave	5D2	433	MULT2893	22	NO
601	10102-601	ANB163	10123 SE Market St	5D2	131	MULT51860	19	NO
602	10102-602	ANB165	10850 N Denver Ave	5D2	255	MULT925	19	NO
603	10102-603	ANB167	12314 SE Holgate Blvd	5D2	155	MULT2884	28	NO
604	10102-604	ANB169	10800 SE Washington St	5D2	272	MULT2846	20	NO
608	10102-608	ADW281	4737 NE Going St	5D2	308	MULT53324	9	NO
6110	10102-6110	AMR771	5500 SE 139th Ave	5D2	449	MULT4596	6	NO
6131	10102-6131	ADV252	2135 SE 158th Ave	5D2	450	PWS00649	30	NO
6173	10102-6173	ADT411	5247 NE 43rd Ave	5D2	475	MULT4753	33	NO
6178	10102-6178	ADT410	11721 SE POWELL BLVD	5D2	450	UICP0034	13	NO
6183	10102-6183	ADT508	4737 NE Going St	5D2	298	MULT53324	39	YES
619	10102-619	ADU749	12338 SE Foster Rd	5D2	275	MULT59758	5	NO
6298	10102-6298	ADT433	3518 NE 162nd Ave	5D2	230	MULT1411	5	NO
6303	10102-6303	ADT439	2836 NE 54th Ave	5D2	311	MULT4396	10	NO
6312	10102-6312	ADT451	5500 SE 139th Ave	5D2	487	MULT4596	8	NO
6320	10102-6320	ADT459	11617 SE Harold St	5D2	161	MULT2891	7	NO
6321	10102-6321	ADT460	4901 SE 115th Ave	5D2	466	MULT2892	8	NO
6328	10102-6328	ADT468	13900 SE Knight St	5D2	399	MULT2882	12	NO
6329	10102-6329	ADT469	636 NE 99th Ave	5D2	420	MULT1229	12	YES
6332	10102-6332	ADT472	13106 SE Long St	5D2	499	MULT4065	1	NO
6333	10102-6333	ADT473	NE 99th Ave & NE Glisan	5D2	460	MULT1230	4	NO
6351	10102-6351	ADT494	4730 SE 118th Ave	5D2	450	MULT51365	31	YES
6352	10102-6352	ADT495	1919 NE 142ND AVE	5D2	342	MULT1217	34	YES

Appendix B

UICID	DEQ Permit ID	City of Portland Hansen Database Unit ID	Well Location	DEQ Type Code	Distance to Nearest Domestic Use Well	Well Log ID	Separation Distance	2-Year Time of Travel
636	10102-636	ANC101	1940 NE 137TH AVE	5D2	161	MULT1216	24	NO
638	10102-638	ADW362	3849 NE 158th Ave	5D2	228	MULT1171	89	NO
6592	10102-6592	ADS743	13900 SE Knight St	5D2	445	MULT2882	31	NO
6593	10102-6593	ADS745	12509 SE SHERMAN ST	5D2	397	UICP0057	32	NO
6606	10102-6606	ADS760	13900 SE Knight St	5D2	331	MULT2882	31	NO
6737	10102-6737	ADS600	11617 SE Harold St	5D2	386	MULT2891	44	NO
6742	10102-6742	ADS606	13824 SE Ellis St	5D2	267	MULT4300	41	NO
6746	10102-6746	ADS610	5500 SE 139th Ave	5D2	220	MULT4596	44	NO
6747	10102-6747	ADS611	5247 NE 43rd Ave	5D2	85	MULT4753	46	NO
6748	10102-6748	ADS612	10424 NE Fremont St	5D2	233	MULT1160	49	NO
6764	10102-6764	ADW638	12509 SE SHERMAN ST	5D2	379	UICP0057	62	NO
6783	10102-6783	ADS472	14015 NE Glisan St	5D2	309	MULT1237	25	NO
6887	10102-6887	ADS661	1616 NE 140th Ave	5D2	142	MULT1213	20	NO
6888	10102-6888	ADS662	2135 SE 158th Ave	5D2	347	PWS00649	20	NO
6905	10102-6905	ADS680	4901 SE 115th Ave	5D2	483	MULT2892	16	NO
6989	10102-6989	ADU170	13824 SE Ellis St	5D2	384	MULT4300	89	NO
6997	10102-6997	ADU168	12509 SE SHERMAN ST	5D2	274	UICP0057	102	NO
7019	10102-7019	ADU187	1616 NE 140th Ave	5D2	391	MULT1214	96	NO
718	10102-718	ANA609	5247 NE 43rd Ave	5D2	431	MULT4753	8	NO
7196	10102-7196	ADS306	6849 NE Columbia Blvd	5D2	357	MULT1152	62	NO
7339	10102-7339	ADS230	5500 SE 139th Ave	5D2	198	MULT4596	97	NO
7340	10102-7340	ADW363	14231 SE Ellis St	5D2	195	MULT2879	97	NO
7341	10102-7341	ADS231	6849 NE Columbia Blvd	5D2	425	MULT1152	95	NO
7358	10102-7358	ADS239	6849 NE Columbia Blvd	5D2	467	MULT1152	91	NO
7476	10102-7476	ADW451	12314 SE Holgate Blvd	5D2	244	MULT2884	73	NO
7477	10102-7477	ADW452	14115 NE HALSEY ST	5D2	238	UICP0088	69	NO
7478	10102-7478	ADW453	2135 SE 158th Ave	5D2	331	PWS00649	71	NO
7523	10102-7523	ADP098	2836 NE 54th Ave	5D2	383	MULT4396	105	NO
7545	10102-7545	ADN997	6615 SE 52nd Ave	5D2	472	MULT2893	40	NO
7665	10102-7665	ADT057	14231 SE Ellis St	5D2	427	MULT2879	85	YES
7666	10102-7666	ADT058	6615 SE 52nd Ave	5D2	446	MULT2893	86	YES
7828	10102-7828	ABS396	11800 NE Shaver St	5D2	288	MULT1159_3	92	NO
7856	10102-7856	ADU397	13828 SE Mall St	5D2	391	MULT2869	97	NO
7866	10102-7866	ABS491	14906 NE Sandy Blvd	5D2	132	MULT1181	111	NO
7875	10102-7875	ADU416	6849 NE Columbia Blvd	5D2	414	MULT1152	85	NO
7876	10102-7876	ADU417	14115 NE HALSEY ST	5D2	427	UICP0088	96	NO
7979	10102-7979	ADS022	9001 SE Steele St	5D2	183	MULT50871	96	NO
8052	10102-8052	ADS048	11721 SE POWELL BLVD	5D2	285	UICP0034	97	NO
807	10102-807	ANA133	13828 SE Mall St	5D2	335	MULT2869	95	NO
8111	10102-8111	ADS074	5700 NE 39th Ave	5D2	270	MULT982	121	NO
8112	10102-8112	ADS075	6722 NE Alberta St	5D2	437	MULT63629	108	NO
8117	10102-8117	ADS105	12314 SE Holgate Blvd	5D2	361	MULT2884	112	NO
8145	10102-8145	ADS140	6849 NE Columbia Blvd	5D2	408	MULT1152	93	NO
8146	10102-8146	ADS141	10800 SE Washington St	5D2	490	MULT2846	91	NO
816	10102-816	ADT423	12338 SE Foster Rd	5D2	369	MULT59758	11	NO
818	10102-818	ADT437	4737 NE Going St	5D2	236	MULT53324	13	NO
8304	10102-8304	ADS006	14126 SE Ellis St	5D2	235	MULT2886	92	YES
8307	10102-8307	ADS008	11800 NE Shaver St	5D2	331	MULT1159_3	93	YES
8310	10102-8310	ADR999	9000 SE Division St	5D2	386	MULT557	87	YES
8319	10102-8319	ADS014	12314 SE Holgate Blvd	5D2	497	MULT2884	94	NO
8335	10102-8335	ADR891	1616 NE 140th Ave	5D2	397	MULT1214	175	NO
8336	10102-8336	ADR892	14015 NE Glisan St	5D2	427	MULT1237	177	NO
8338	10102-8338	ADR895	6615 SE 52nd Ave	5D2	104	MULT2893	171	NO
8339	10102-8339	ADR896	9001 SE Steele St	5D2	68	MULT50871	182	NO
8363	10102-8363	ADR716	636 NE 99th Ave	5D2	447	MULT1229	87	NO

Appendix B

UICID	DEQ Permit ID	City of Portland Hansen Database Unit ID	Well Location	DEQ Type Code	Distance to Nearest Domestic Use Well	Well Log ID	Separation Distance	2-Year Time of Travel
8364	10102-8364	ADR717	9000 SE Division St	5D2	191	MULT557	86	NO
8367	10102-8367	ADR720	11800 NE Shaver St	5D2	262	MULT1159_3	91	NO
8369	10102-8369	ADR723	3200 SE 153rd Ave	5D2	396	UICP0102	91	NO
837	10102-837	ANA561	1940 NE 137TH AVE	5D2	460	MULT1216	25	NO
84	10102-84	AMP048	12338 SE Foster Rd	5D2	178	MULT59758	24	NO
8421	10102-8421	ADR766	12338 SE Foster Rd	5D2	198	MULT59758	105	NO
8430	10102-8430	ADR777	10850 N Denver Ave	5D2	377	MULT925	112	NO
8431	10102-8431	ADR778	12509 SE SHERMAN ST	5D2	98	UICP0057	112	NO
8447	10102-8447	ADR797	6615 SE 52nd Ave	5D2	216	MULT2893	115	NO
8448	10102-8448	ADR798	3503 SE 182nd Ave	5D2	176	MULT2968	115	NO
8449	10102-8449	ADR799	9000 SE Division St	5D2	302	MULT557	122	NO
8537	10102-8537	ADR619	14115 NE HALSEY ST	5D2	140	UICP0088	184	NO
8600	10102-8600	ADR684	3020 NE 162nd Ave	5D2	493	UICP0064	99	NO
8601	10102-8601	ADR685	10800 SE Washington St	5D2	452	MULT2846	98	NO
8607	10102-8607	ADR692	10800 SE Washington St	5D2	249	MULT2846	94	NO
8608	10102-8608	ADR693	14015 NE Glisan St	5D2	285	MULT1238	89	NO
8609	10102-8609	ADR694	10501 SE Market St	5D2	332	MULT2848	88	NO
8614	10102-8614	ADR700	9000 SE Division St	5D2	439	MULT557	88	NO
8619	10102-8619	ADR705	6615 SE 52nd Ave	5D2	431	MULT2893	105	NO
866	10102-866	ANA741	6830 SE 110th Ave	5D2	281	MULT4279	45	NO
8738	10102-8738	ADR340	9000 SE Division St	5D2	84	MULT557	112	NO
8744	10102-8744	ADR345	9000 SE Division St	5D2	120	MULT557	112	NO
8746	10102-8746	ADR348	12314 SE Holgate Blvd	5D2	305	MULT2884	113	NO
8747	10102-8747	ADR349	324 NE 157th Ave	5D2	130	MULT66706	114	NO
8762	10102-8762	ADR369	12314 SE Holgate Blvd	5D2	410	MULT2884	113	NO
8763	10102-8763	ADR370	13931 NE GLISAN ST	5D2	297	MULT114188	114	NO
8767	10102-8767	ADR375	13045 SE Stark St	5D2	350	MULT1236	111	NO
8794	10102-8794	ADR378	12314 SE Holgate Blvd	5D2	227	MULT2884	112	NO
8817	10102-8817	ADR402	11800 NE Shaver St	5D2	388	MULT1159_3	112	NO
8820	10102-8820	ADR406	14126 SE Ellis St	5D2	443	MULT2886	104	NO
89	10102-89	AMP308	11617 SE Harold St	5D2	200	MULT2891	9	NO
892	10102-892	ADS599	13045 SE Stark St	5D2	96	MULT1236	35	NO
894	10102-894	ADS614	5247 NE 43rd Ave	5D2	467	MULT4753	50	NO
896	10102-896	ADW624	1940 NE 137TH AVE	5D2	373	MULT1216	60	NO
898	10102-898	ADS638	5247 NE 43rd Ave	5D2	273	MULT4753	45	NO
8988	10102-8988	ADV575	13045 SE Stark St	5D2	495	MULT1236	109	NO
9003	10102-9003	ADR346	14015 NE Glisan St	5D2	198	MULT1237	113	NO
9004	10102-9004	ADR366	10800 SE Washington St	5D2	110	MULT2846	112	NO
901	10102-901	ADW640	5247 NE 43rd Ave	5D2	105	MULT4753	58	NO
903	10102-903	ADS660	3200 SE 153rd Ave	5D2	104	UICP0102	14	NO
9139	10102-9139	API368	7951 SE 7th Ave	5D2	490	MULT60074	1	NO
9141	10102-9141	API370	2135 SE 158th Ave	5D2	434	PWS00649	2	NO
9146	10102-9146	API373	4737 NE Going St	5D2	268	MULT53324	1	NO
9147	10102-9147	API372	4737 NE Going St	5D2	303	MULT53324	1	NO
9148	10102-9148	API374	14115 NE HALSEY ST	5D2	284	UICP0088	1	NO
9272	10102-9272	API157	12338 SE Foster Rd	5D2	485	MULT59758	104	NO
9273	10102-9273	API158	2135 SE 158th Ave	5D2	465	PWS00649	103	NO
9274	10102-9274	API159	4737 NE Going St	5D2	450	MULT53324	103	NO
9279	10102-9279	API164	4737 NE Going St	5D2	449	MULT53324	93	NO
9280	10102-9280	API165	1616 NE 140th Ave	5D2	451	MULT1213	92	NO
9288	10102-9288	ANK266	13045 SE Stark St	5D2	214	MULT1236	40	NO
9289	10102-9289	ANK274	324 NE 157th Ave	5D2	442	MULT66706	29	NO
9296	10102-9296	ANL357	12338 SE Foster Rd	5D2	101	MULT59758	85	NO
94	10102-94	AMP792	5532 SE 117th Ave	5D2	419	MULT52202	27	NO
9479	10102-9479	ANY346	324 NE 157th Ave	5D2	285	MULT66706	27	NO

Appendix B

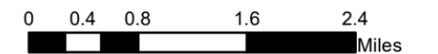
UICID	DEQ Permit ID	City of Portland Hansen Database Unit ID	Well Location	DEQ Type Code	Distance to Nearest Domestic Use Well	Well Log ID	Separation Distance	2-Year Time of Travel
9493	10102-9493	APQ219	12509 SE SHERMAN ST	5D2	332	UICP0057	20	NO
9494	10102-9494	APQ520	12338 SE Foster Rd	5D2	254	MULT59758	22	NO
9589	10102-9589	APN373	11547-11549 NE Glisan St	5D2	338	MULT4558	95	NO
959	10102-959	AMU945	2836 NE 54th Ave	5D2	255	MULT4396	106	NO
9624	10102-9624	APQ256	3200 SE 153rd Ave	5D2	356	UICP0102	10	NO
9625	10102-9625	APQ208	3646 SE 130th Ave	5D2	355	MULT2867	19	NO
9652	10102-9652	APQ382	3518 NE 162nd Ave	5D2	346	MULT1411	8	NO
9657	10102-9657	AQG162	14416 SE Center St	5D2	354	MULT64423	145	NO
9658	10102-9658	AQG163	11547-11549 NE Glisan St	5D2	384	MULT4558	145	NO
9666	10102-9666	AQK756	1017 NE 117TH AVE	5D2	223	MULT1233	25	NO
9667	10102-9667	AQK752	3518 NE 162nd Ave	5D2	342	MULT1411	22	NO
9730	10102-9730	AQK337	10424 NE Fremont St	5D2	438	MULT1160	13	NO
9745	10102-9745	AQR760	2836 NE 54th Ave	5D2	399	MULT4396	14	NO
975	10102-975	ANA852	10800 SE Washington St	5D2	359	MULT2846	93	NO
9790	10102-9790	AQT766	2836 NE 54th Ave	5D2	408	MULT4396	7	NO
9793	10102-9793	AQT773	13828 SE Mall St	5D2	430	MULT2869	8	NO
9794	10102-9794	AQT779	2836 NE 54th Ave	5D2	276	MULT4396	5	NO
9819	10102-9819	AQU755	3518 NE 162nd Ave	5D2	329	MULT1411	7	NO
982	10102-982	ADN500	13931 NE GLISAN ST	5D2	295	MULT114188	200	NO
9820	10102-9820	AQU758	NE 99th Ave & NE Glisan	5D2	473	MULT1230	8	NO
9835	10102-9835	ASA523	1017 NE 117TH AVE	5D2	461	MULT1232	12	NO
9840	10102-9840	ASG431	12134 SE Woodward Pl	5D2	262	UNK8	93	NO
9841	10102-9841	ASG432	3518 NE 162nd Ave	5D2	252	MULT1411	93	NO
9842	10102-9842	ASG435	1919 NE 142ND AVE	5D2	309	MULT1217	92	NO
9843	10102-9843	ASG434	14416 SE Center St	5D2	308	MULT64424	91	NO
9844	10102-9844	ASG433	3518 NE 162nd Ave	5D2	308	MULT1411	96	NO
9845	10102-9845	ASG436	3320 SE 134th Ave	5D2	333	MULT2877	91	NO
9846	10102-9846	ASG417	1017 NE 117TH AVE	5D2	296	MULT1232	105	NO
9848	10102-9848	ASG420	3320 SE 134th Ave	5D2	301	MULT2877	100	NO
9849	10102-9849	ASG428	13803 SE Center St	5D2	311	MULT2870	103	NO
9850	10102-9850	ASG430	11547-11549 NE Glisan St	5D2	323	MULT4558	97	NO
9855	10102-9855	ASG438	12134 SE Woodward Pl	5D2	396	UNK8	95	NO
9856	10102-9856	ASG437	14416 SE Center St	5D2	371	MULT64423	99	NO
9934	10102-9934	ARG050	12134 SE Woodward Pl	5D2	318	UNK8	113	NO
9968	10102-9968	ASH736	1017 NE 117TH AVE	5D2	382	MULT1232	36	NO
9977	10102-9977	ASL363	12134 SE Woodward Pl	5D2	272	UNK8	26	NO
9984	10102-9984	R00589	3320 SE 134th Ave	5D2	429	MULT2877	5	YES
9991	10102-9991	ASB803	1017 NE 117TH AVE	5D2	369	MULT1232	92	NO
9992	10102-9992	ASB802	12134 SE Woodward Pl	5D2	389	UNK8	105	NO

MAP B-3

Stormwater UICs located within 2-yr TOT of a Water Well

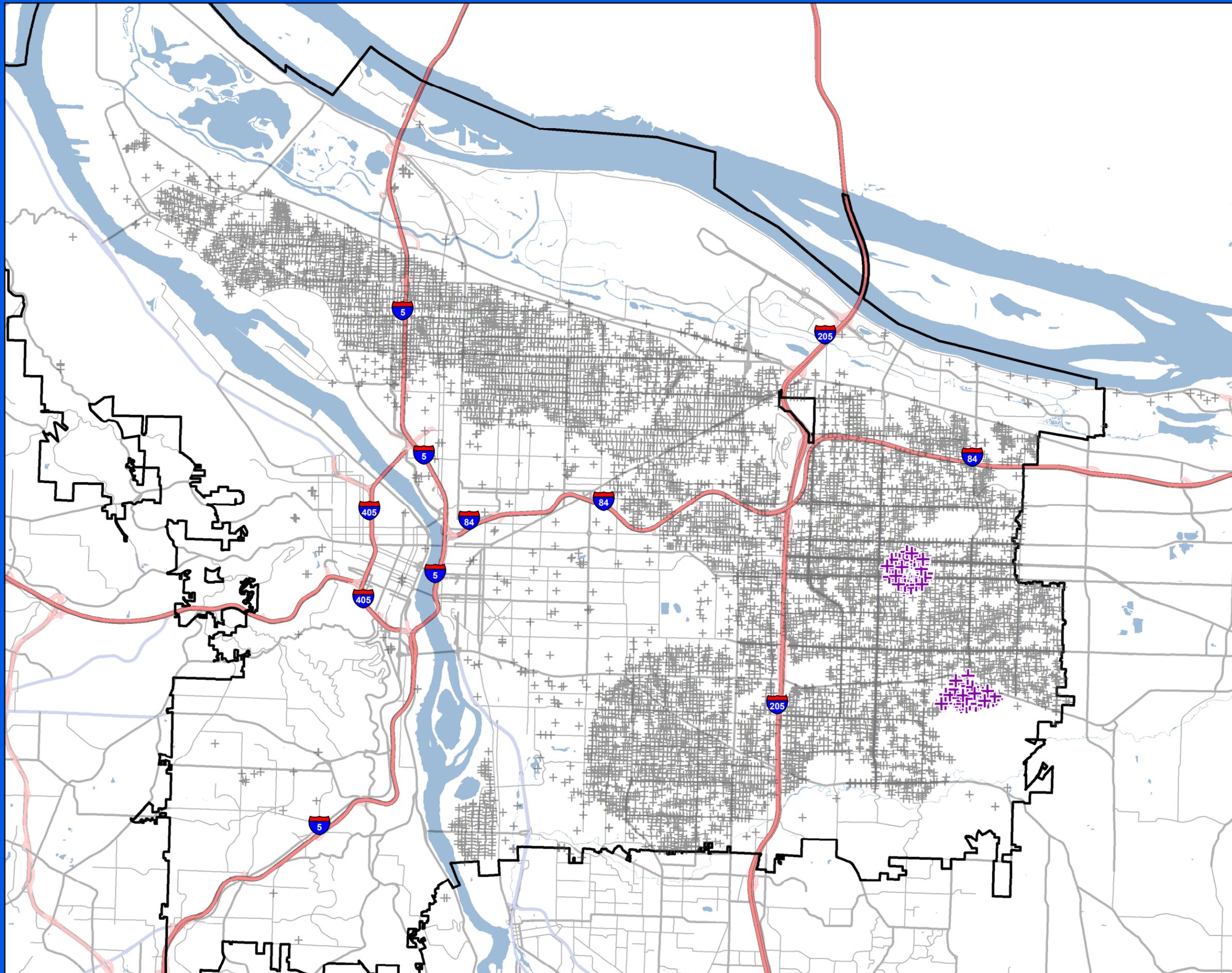
Legend

-  UICs within 2yr TOT
-  BES Managed UICs
-  City of Portland



This map was produced in support of the City of Portland's second WPCF Permit for Class V Stormwater Underground Control Systems issued May 2015.

Information contained on this map is accurate according to available records, however, the City of Portland makes no warranty, expressed or implied, as to the completeness or accuracy of the information published. Although care was applied in the compilation of the data from the various original data sources, quality assurance on those original data was not performed, except in specific instances. This product was developed through digital means and may be updated without notification.



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Table B-2: Stormwater UICs Located within Two-Year Time of Travel of a Domestic Use Well

DEQ Permit ID	City of Portland Hansen Database ID	Well Location	DEQ Type Code	2-Year Time Of Travel	Well Log ID	Distance to Nearest Domestic Use Well (ft)	Separation Distance (ft)
10102-151	AMS332	13045 SE Stark St	5D2	YES	MULT1236	1476	84
10102-330	ANB018	14416 SE Center St	5D2	YES	MULT64424	817	16
10102-347	AMX625	14416 SE Center St	5D2	YES	MULT64423	984	30
10102-370	ADT492	14416 SE Center St	5D2	YES	MULT64423	1767	32
10102-371	ADT496	14416 SE Center St	5D2	YES	MULT64423	615	37
10102-372	ADT501	14416 SE Center St	5D2	YES	MULT64423	911	35
10102-373	ADT507	14416 SE Center St	5D2	YES	MULT64423	1961	43
10102-374	ADT516	3200 SE 153rd Ave	5D2	YES	UICP0102	1450	38
10102-375	ADT521	3200 SE 153rd Ave	5D2	YES	UICP0102	1901	43
10102-408	AMX627	14416 SE Center St	5D2	YES	MULT64423	753	30
10102-663	ADT486	3200 SE 153rd Ave	5D2	YES	UICP0102	1689	31
10102-688	ANB520	14416 SE Center St	5D2	YES	MULT64424	565	21
10102-747	ANB236	13045 SE Stark St	5D2	YES	MULT1236	1024	91
10102-748	ANB238	13045 SE Stark St	5D2	YES	MULT1236	954	92
10102-774	ANA094	16430 SE Powell Blvd	5D2	YES	MULT2963	1778	38
10102-856	ADT470	14416 SE Center St	5D2	YES	MULT64423	1045	27
10102-867	ADT480	14416 SE Center St	5D2	YES	MULT64423	1629	30
10102-1124	ADS708	3200 SE 153rd Ave	5D2	YES	UICP0102	1576	27
10102-1434	ADR997	13045 SE Stark St	5D2	YES	MULT1236	905	84
10102-1435	ADS007	13045 SE Stark St	5D2	YES	MULT1236	816	95
10102-1436	ADV813	13045 SE Stark St	5D2	YES	MULT1236	870	96
10102-1439	ADS017	13045 SE Stark St	5D2	YES	MULT1236	1126	92
10102-1442	ADS038	13045 SE Stark St	5D2	YES	MULT1236	1048	88
10102-1523	ADT069	13045 SE Stark St	5D2	YES	MULT1236	848	82
10102-1524	ADT065	13045 SE Stark St	5D2	YES	MULT1236	1093	81
10102-1528	ADT084	13045 SE Stark St	5D2	YES	MULT1236	937	81
10102-4445	ADS032	13045 SE Stark St	5D2	YES	MULT1236	1580	106
10102-6182	ADT506	3200 SE 153rd Ave	5D2	YES	UICP0102	1665	39
10102-6184	ADT509	3200 SE 153rd Ave	5D2	YES	UICP0102	1928	42
10102-6185	ADT510	3200 SE 153rd Ave	5D2	YES	UICP0102	1866	45
10102-6190	ADT517	3200 SE 153rd Ave	5D2	YES	UICP0102	1164	36
10102-6191	ADT518	3200 SE 153rd Ave	5D2	YES	UICP0102	1646	38
10102-6192	ADT519	3200 SE 153rd Ave	5D2	YES	UICP0102	1629	39
10102-6193	ADT520	3200 SE 153rd Ave	5D2	YES	UICP0102	1872	40
10102-6195	ADT523	3200 SE 153rd Ave	5D2	YES	UICP0102	2001	45
10102-6338	ADT478	14416 SE Center St	5D2	YES	MULT64423	923	24
10102-6339	ADT479	14416 SE Center St	5D2	YES	MULT64423	1167	30
10102-6340	ADT481	14416 SE Center St	5D2	YES	MULT64423	1688	30
10102-6341	ADT482	3200 SE 153rd Ave	5D2	YES	UICP0102	1794	29
10102-6342	ADT483	3200 SE 153rd Ave	5D2	YES	UICP0102	1528	30
10102-6343	ADT484	14416 SE Center St	5D2	YES	MULT64423	1628	30
10102-6344	ADT485	14416 SE Center St	5D2	YES	MULT64423	1717	30
10102-6345	ADT487	3200 SE 153rd Ave	5D2	YES	UICP0102	1741	47
10102-6346	ADT488	14416 SE Center St	5D2	YES	MULT64423	1312	28
10102-6347	ADT489	14416 SE Center St	5D2	YES	MULT64423	1222	38
10102-6349	ADT491	14416 SE Center St	5D2	YES	MULT64423	1275	46
10102-6350	ADT493	14416 SE Center St	5D2	YES	MULT64423	1331	56

Appendix B

DEQ Permit ID	City of Portland Hansen Database ID	Well Location	DEQ Type Code	2-Year Time Of Travel	Well Log ID	Distance to Nearest Domestic Use Well (ft)	Separation Distance (ft)
10102-6353	ADT497	14416 SE Center St	5D2	YES	MULT64423	1072	60
10102-6355	ADT499	14416 SE Center St	5D2	YES	MULT64423	792	44
10102-6356	ADT500	14416 SE Center St	5D2	YES	MULT64423	643	42
10102-6357	ADT502	14416 SE Center St	5D2	YES	MULT64423	1747	54
10102-6358	ADT503	14416 SE Center St	5D2	YES	MULT64423	2102	42
10102-6359	ADT504	14416 SE Center St	5D2	YES	MULT64423	1903	44
10102-6561	ADS706	14416 SE Center St	5D2	YES	MULT64423	1724	26
10102-6562	ADS707	3200 SE 153rd Ave	5D2	YES	UICP0102	1781	29
10102-6563	ADS709	3200 SE 153rd Ave	5D2	YES	UICP0102	1537	27
10102-7662	ADT054	13045 SE Stark St	5D2	YES	MULT1236	1378	82
10102-7663	ADT055	13045 SE Stark St	5D2	YES	MULT1236	1105	84
10102-7667	ADT061	13045 SE Stark St	5D2	YES	MULT1236	716	82
10102-7668	ADT063	13045 SE Stark St	5D2	YES	MULT1236	758	81
10102-7669	ADT060	13045 SE Stark St	5D2	YES	MULT1236	814	81
10102-7670	ADT068	13045 SE Stark St	5D2	YES	MULT1236	1133	81
10102-7671	ADT064	13045 SE Stark St	5D2	YES	MULT1236	1008	81
10102-7672	ADT059	13045 SE Stark St	5D2	YES	MULT1236	1195	82
10102-7673	ADT067	13045 SE Stark St	5D2	YES	MULT1236	1241	81
10102-7674	ADT066	13045 SE Stark St	5D2	YES	MULT1236	1357	83
10102-7691	ADT056	13045 SE Stark St	5D2	YES	MULT1236	702	85
10102-7704	ADT083	13045 SE Stark St	5D2	YES	MULT1236	1163	85
10102-7705	ADT085	13045 SE Stark St	5D2	YES	MULT1236	1196	81
10102-7706	ADT086	13045 SE Stark St	5D2	YES	MULT1236	1217	80
10102-7711	ADT092	13045 SE Stark St	5D2	YES	MULT1236	1479	81
10102-7712	ADT093	13045 SE Stark St	5D2	YES	MULT1236	1362	82
10102-7725	ADT109	13045 SE Stark St	5D2	YES	MULT1236	1460	83
10102-7975	ADV823	13045 SE Stark St	5D2	YES	MULT1236	1206	87
10102-7976	ADS019	13045 SE Stark St	5D2	YES	MULT1236	1247	93
10102-8029	ADV824	13045 SE Stark St	5D2	YES	MULT1236	1253	86
10102-8030	ADS035	13045 SE Stark St	5D2	YES	MULT1236	1454	86
10102-8031	ADS036	13045 SE Stark St	5D2	YES	MULT1236	1201	86
10102-8033	ADS037	13045 SE Stark St	5D2	YES	MULT1236	872	87
10102-8034	ADV826	13045 SE Stark St	5D2	YES	MULT1236	1097	88
10102-8036	ADV828	13045 SE Stark St	5D2	YES	MULT1236	1390	87
10102-8037	ADS039	13045 SE Stark St	5D2	YES	MULT1236	1502	84
10102-8038	ADV829	13045 SE Stark St	5D2	YES	MULT1236	1437	87
10102-8039	ADS040	13045 SE Stark St	5D2	YES	MULT1236	905	92
10102-8041	ADS041	13045 SE Stark St	5D2	YES	MULT1236	1095	87
10102-8042	ADS042	13045 SE Stark St	5D2	YES	MULT1236	1185	97
10102-8045	ADS043	13045 SE Stark St	5D2	YES	MULT1236	1280	88
10102-8050	ADS046	13045 SE Stark St	5D2	YES	MULT1236	1324	86
10102-8072	ADS071	14015 NE Glisan St	5D2	YES	MULT1237	1097	86
10102-8284	ADV796	14015 NE Glisan St	5D2	YES	MULT1237	1024	87
10102-8287	ADV800	13045 SE Stark St	5D2	YES	MULT1236	1460	93
10102-8289	ADS001	13045 SE Stark St	5D2	YES	MULT1236	1217	83
10102-8293	ADV806	13045 SE Stark St	5D2	YES	MULT1236	1428	94
10102-8294	ADV807	13045 SE Stark St	5D2	YES	MULT1236	1154	93
10102-8297	ADS003	13045 SE Stark St	5D2	YES	MULT1236	1193	93

Appendix B

DEQ Permit ID	City of Portland Hansen Database ID	Well Location	DEQ Type Code	2-Year Time Of Travel	Well Log ID	Distance to Nearest Domestic Use Well (ft)	Separation Distance (ft)
10102-8298	ADV808	13045 SE Stark St	5D2	YES	MULT1236	1016	93
10102-8299	ADS004	13045 SE Stark St	5D2	YES	MULT1236	993	92
10102-8300	ADV809	13045 SE Stark St	5D2	YES	MULT1236	1050	94
10102-8301	ADS005	13045 SE Stark St	5D2	YES	MULT1236	515	96
10102-8302	ADR993	13045 SE Stark St	5D2	YES	MULT1236	862	112
10102-8303	ADV810	13045 SE Stark St	5D2	YES	MULT1236	921	93
10102-8305	ADV811	13045 SE Stark St	5D2	YES	MULT1236	866	93
10102-8306	ADV812	13045 SE Stark St	5D2	YES	MULT1236	812	96
10102-8308	ADR998	13045 SE Stark St	5D2	YES	MULT1236	532	86
10102-8312	ADS010	13045 SE Stark St	5D2	YES	MULT1236	1553	96
10102-8313	ADS011	13045 SE Stark St	5D2	YES	MULT1236	1172	86
10102-8320	ADS015	14015 NE Glisan St	5D2	YES	MULT1237	1135	87
10102-8321	ADS016	14015 NE Glisan St	5D2	YES	MULT1237	1066	88
10102-9708	AQM294	13045 SE Stark St	5D2	YES	MULT1236	896	108
10102-9962	R00569	14416 SE Center St	5D2	YES	MULT64423	1971	24
10102-10020	ASG343	13045 SE Stark St	5D2	YES	MULT1236	1511	77

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**Appendix C: Industrial and Commercial Properties that
may have Activities with the Potential to Discharge to a
City-owned UIC**

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Appendix C

Table C-1: Selected NAICS Codes Based on Potential for Onsite Commercial/Industrial Activities

2017 NAICS Code Title	Code
Soybean Farming	111110
Oilseed (except Soybean) Farming	111120
Dry Pea and Bean Farming	111130
Wheat Farming	111140
Corn Farming	111150
Rice Farming	111160
Oilseed and Grain Combination Farming	111191
All Other Grain Farming	111199
Potato Farming	111211
Other Vegetable (except Potato) and Melon Farming	111219
Orange Groves	111310
Citrus (except Orange) Groves	111320
Apple Orchards	111331
Grape Vineyards	111332
Strawberry Farming	111333
Berry (except Strawberry) Farming	111334
Tree Nut Farming	111335
Fruit and Tree Nut Combination Farming	111336
Other Noncitrus Fruit Farming	111339
Mushroom Production	111411
Other Food Crops Grown Under Cover	111419
Nursery and Tree Production	111421
Floriculture Production	111422
Tobacco Farming	111910
Cotton Farming	111920
Sugarcane Farming	111930
Hay Farming	111940
Sugar Beet Farming	111991
Peanut Farming	111992
All Other Miscellaneous Crop Farming	111998
Beef Cattle Ranching and Farming	112111
Cattle Feedlots	112112
Dairy Cattle and Milk Production	112120
Dual-Purpose Cattle Ranching and Farming	112130
Hog and Pig Farming	112210
Chicken Egg Production	112310
Broilers and Other Meat Type Chicken Production	112320
Turkey Production	112330
Poultry Hatcheries	112340
Other Poultry Production	112390
Sheep Farming	112410
Goat Farming	112420
Finfish Farming and Fish Hatcheries	112511
Shellfish Farming	112512
Other Aquaculture	112519
Apiculture	112910
Horses and Other Equine Production	112920

Appendix C

2017 NAICS Code Title	Code
Fur-Bearing Animal and Rabbit Production	112930
All Other Animal Production	112990
Timber Tract Operations	113110
Forest Nurseries and Gathering of Forest Products	113210
Logging	113310
Finfish Fishing	114111
Shellfish Fishing	114112
Other Marine Fishing	114119
Hunting and Trapping	114210
Cotton Ginning	115111
Soil Preparation, Planting, and Cultivating	115112
Crop Harvesting, Primarily by Machine	115113
Postharvest Crop Activities (except Cotton Ginning)	115114
Farm Labor Contractors and Crew Leaders	115115
Farm Management Services	115116
Support Activities for Animal Production	115210
Support Activities for Forestry	115310
Crude Petroleum and Natural Gas Extraction	211111
Natural Gas Liquid Extraction	211112
Bituminous Coal and Lignite Surface Mining	212111
Bituminous Coal Underground Mining	212112
Anthracite Mining	212113
Iron Ore Mining	212210
Gold Ore Mining	212221
Silver Ore Mining	212222
Copper, Nickel, Lead and Zinc Mining	212230
Uranium-Radium-Vanadium Ore Mining	212291
All Other Metal Ore Mining	212299
Dimension Stone Mining and Quarrying	212311
Crushed and Broken Limestone Mining and Quarrying	212312
Crushed and Broken Granite Mining and Quarrying	212313
Other Crushed and Broken Stone Mining and Quarrying	212319
Construction Sand and Gravel Mining	212321
Industrial Sand Mining	212322
Kaolin and Ball Clay Mining	212324
Clay and Ceramic and Refractory Minerals Mining	212325
Potash, Soda, and Borate Mineral Mining	212391
Phosphate Rock Mining	212392
Other Chemical and Fertilizer Mineral Mining	212393
All Other Nonmetallic Mineral Mining	212399
Drilling Oil and Gas Wells	213111
Support Activities for Oil and Gas Operations	213112
Support Activities for Coal Mining	213113
Support Activities for Metal Mining	213114
Support Activities for Nonmetallic Minerals (except Fuels) Mining	213115
Hydroelectric Power Generation	221111
Fossil Fuel Electric Power Generation	221112
Nuclear Electric Power Generation	221113

Appendix C

2017 NAICS Code Title	Code
Solar Electric Power Generation	221114
Wind Electric Power Generation	221115
Geothermal Electric Power Generation	221116
Biomass Electric Power Generation	221117
Other Electric Power Generation	221118
Electric Bulk Power Transmission and Control	221121
Electric Power Distribution	221122
Natural Gas Distribution	221210
Water Supply and Irrigation Systems	221310
Sewage Treatment Facilities	221320
Steam and Air-Conditioning Supply	221330
New Single-Family Housing Construction (except For-Sale Builders)	236115
New Multifamily Housing Construction (except For-Sale Builders)	236116
New Housing For-Sale Builders	236117
Residential Remodelers	236118
Industrial Building Construction	236210
Commercial and Institutional Building Construction	236220
Water and Sewer Line and Related Structures Construction	237110
Oil and Gas Pipeline and Related Structures Construction	237120
Power and Communication Line and Related Structures Construction	237130
Land Subdivision	237210
Highway, Street, and Bridge Construction	237310
Other Heavy and Civil Engineering Construction	237990
Poured Concrete Foundation and Structure Contractors	238110
Structural Steel and Precast Concrete Contractors	238120
Framing Contractors	238130
Masonry Contractors	238140
Glass and Glazing Contractors	238150
Roofing Contractors	238160
Siding Contractors	238170
Other Foundation, Structure, and Building Exterior Contractors	238190
Electrical Contractors and Other Wiring Installation Contractors	238210
Plumbing, Heating, and Air-Conditioning Contractors	238220
Other Building Equipment Contractors	238290
Drywall and Insulation Contractors	238310
Painting and Wall Covering Contractors	238320
Flooring Contractors	238330
Tile and Terrazzo Contractors	238340
Finish Carpentry Contractors	238350
Other Building Finishing Contractors	238390
Site Preparation Contractors	238910
All Other Specialty Trade Contractors	238990
Dog and Cat Food Manufacturing	311111
Other Animal Food Manufacturing	311119
Flour Milling	311211
Rice Milling	311212
Malt Manufacturing	311213
Wet Corn Milling	311221

Appendix C

2017 NAICS Code Title	Code
Soybean and Other Oilseed Processing	311224
Fats and Oils Refining and Blending	311225
Breakfast Cereal Manufacturing	311230
Beet Sugar Manufacturing	311313
Cane Sugar Manufacturing	311314
Nonchocolate Confectionery Manufacturing	311340
Chocolate and Confectionery Manufacturing from Cacao Beans	311351
Confectionery Manufacturing from Purchased Chocolate	311352
Frozen Fruit, Juice, and Vegetable Manufacturing	311411
Frozen Specialty Food Manufacturing	311412
Fruit and Vegetable Canning	311421
Specialty Canning	311422
Dried and Dehydrated Food Manufacturing	311423
Fluid Milk Manufacturing	311511
Creamery Butter Manufacturing	311512
Cheese Manufacturing	311513
Dry, Condensed, and Evaporated Dairy Product Manufacturing	311514
Ice Cream and Frozen Dessert Manufacturing	311520
Animal (except Poultry) Slaughtering	311611
Meat Processed from Carcasses	311612
Rendering and Meat Byproduct Processing	311613
Poultry Processing	311615
Seafood Product Preparation and Packaging	311710
Retail Bakeries	311811
Commercial Bakeries	311812
Frozen Cakes, Pies, and Other Pastries Manufacturing	311813
Cookie and Cracker Manufacturing	311821
Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour	311824
Tortilla Manufacturing	311830
Roasted Nuts and Peanut Butter Manufacturing	311911
Other Snack Food Manufacturing	311919
Coffee and Tea Manufacturing	311920
Flavoring Syrup and Concentrate Manufacturing	311930
Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing	311941
Spice and Extract Manufacturing	311942
Perishable Prepared Food Manufacturing	311991
All Other Miscellaneous Food Manufacturing	311999
Soft Drink Manufacturing	312111
Bottled Water Manufacturing	312112
Ice Manufacturing	312113
Breweries	312120
Wineries	312130
Distilleries	312140
Tobacco Manufacturing	312230
Fiber, Yarn, and Thread Mills	313110
Broadwoven Fabric Mills	313210
Narrow Fabric Mills and Schiffli Machine Embroidery	313220
Nonwoven Fabric Mills	313230

Appendix C

2017 NAICS Code Title	Code
Knit Fabric Mills	313240
Textile and Fabric Finishing Mills	313310
Fabric Coating Mills	313320
Carpet and Rug Mills	314110
Curtain and Linen Mills	314120
Textile Bag and Canvas Mills	314910
Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills	314994
All Other Miscellaneous Textile Product Mills	314999
Hosiery and Sock Mills	315110
Other Apparel Knitting Mills	315190
Cut and Sew Apparel Contractors	315210
Men's and Boys' Cut and Sew Apparel Manufacturing	315220
Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing	315240
Other Cut and Sew Apparel Manufacturing	315280
Apparel Accessories and Other Apparel Manufacturing	315990
Leather and Hide Tanning and Finishing	316110
Footwear Manufacturing	316210
Women's Handbag and Purse Manufacturing	316992
All Other Leather Good and Allied Product Manufacturing	316998
Sawmills	321113
Wood Preservation	321114
Hardwood Veneer and Plywood Manufacturing	321211
Softwood Veneer and Plywood Manufacturing	321212
Engineered Wood Member (except Truss) Manufacturing	321213
Truss Manufacturing	321214
Reconstituted Wood Product Manufacturing	321219
Wood Window and Door Manufacturing	321911
Cut Stock, Resawing Lumber, and Planing	321912
Other Millwork (including Flooring)	321918
Wood Container and Pallet Manufacturing	321920
Manufactured Home (Mobile Home) Manufacturing	321991
Prefabricated Wood Building Manufacturing	321992
All Other Miscellaneous Wood Product Manufacturing	321999
Pulp Mills	322110
Paper (except Newsprint) Mills	322121
Newsprint Mills	322122
Paperboard Mills	322130
Corrugated and Solid Fiber Box Manufacturing	322211
Folding Paperboard Box Manufacturing	322212
Other Paperboard Container Manufacturing	322219
Paper Bag and Coated and Treated Paper Manufacturing	322220
Stationery Product Manufacturing	322230
Sanitary Paper Product Manufacturing	322291
All Other Converted Paper Product Manufacturing	322299
Commercial Printing (except Screen and Books)	323111
Commercial Screen Printing	323113
Books Printing	323117
Support Activities for Printing	323120

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2017 NAICS Code Title	Code
Petroleum Refineries	324110
Asphalt Paving Mixture and Block Manufacturing	324121
Asphalt Shingle and Coating Materials Manufacturing	324122
Petroleum Lubricating Oil and Grease Manufacturing	324191
All Other Petroleum and Coal Products Manufacturing	324199
Petrochemical Manufacturing	325110
Industrial Gas Manufacturing	325120
Synthetic Dye and Pigment Manufacturing	325130
Other Basic Inorganic Chemical Manufacturing	325180
Ethyl Alcohol Manufacturing	325193
Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing	325194
All Other Basic Organic Chemical Manufacturing	325199
Plastics Material and Resin Manufacturing	325211
Synthetic Rubber Manufacturing	325212
Artificial and Synthetic Fibers and Filaments Manufacturing	325220
Nitrogenous Fertilizer Manufacturing	325311
Phosphatic Fertilizer Manufacturing	325312
Fertilizer (Mixing Only) Manufacturing	325314
Pesticide and Other Agricultural Chemical Manufacturing	325320
Medicinal and Botanical Manufacturing	325411
Pharmaceutical Preparation Manufacturing	325412
In-Vitro Diagnostic Substance Manufacturing	325413
Biological Product (except Diagnostic) Manufacturing	325414
Paint and Coating Manufacturing	325510
Adhesive Manufacturing	325520
Soap and Other Detergent Manufacturing	325611
Polish and Other Sanitation Good Manufacturing	325612
Surface Active Agent Manufacturing	325613
Toilet Preparation Manufacturing	325620
Printing Ink Manufacturing	325910
Explosives Manufacturing	325920
Custom Compounding of Purchased Resins	325991
Photographic Film, Paper, Plate, and Chemical Manufacturing	325992
All Other Miscellaneous Chemical Product and Preparation Manufacturing	325998
Plastics Bag and Pouch Manufacturing	326111
Plastics Packaging Film and Sheet (including Laminated) Manufacturing	326112
Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing	326113
Unlaminated Plastics Profile Shape Manufacturing	326121
Plastics Pipe and Pipe Fitting Manufacturing	326122
Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing	326130
Polystyrene Foam Product Manufacturing	326140
Urethane and Other Foam Product (except Polystyrene) Manufacturing	326150
Plastics Bottle Manufacturing	326160
Plastics Plumbing Fixture Manufacturing	326191
All Other Plastics Product Manufacturing	326199
Tire Manufacturing (except Retreading)	326211
Tire Retreading	326212
Rubber and Plastics Hoses and Belting Manufacturing	326220

Appendix C

2017 NAICS Code Title	Code
Rubber Product Manufacturing for Mechanical Use	326291
All Other Rubber Product Manufacturing	326299
Pottery, Ceramics, and Plumbing Fixture Manufacturing	327110
Clay Building Material and Refractories Manufacturing	327120
Flat Glass Manufacturing	327211
Other Pressed and Blown Glass and Glassware Manufacturing	327212
Glass Container Manufacturing	327213
Glass Product Manufacturing Made of Purchased Glass	327215
Cement Manufacturing	327310
Ready-Mix Concrete Manufacturing	327320
Concrete Block and Brick Manufacturing	327331
Concrete Pipe Manufacturing	327332
Other Concrete Product Manufacturing	327390
Lime Manufacturing	327410
Gypsum Product Manufacturing	327420
Abrasive Product Manufacturing	327910
Cut Stone and Stone Product Manufacturing	327991
Ground or Treated Mineral and Earth Manufacturing	327992
Mineral Wool Manufacturing	327993
All Other Miscellaneous Nonmetallic Mineral Product Manufacturing	327999
Iron and Steel Mills and Ferroalloy Manufacturing	331110
Iron and Steel Pipe and Tube Manufacturing from Purchased Steel	331210
Rolled Steel Shape Manufacturing	331221
Steel Wire Drawing	331222
Alumina Refining and Primary Aluminum Production	331313
Secondary Smelting and Alloying of Aluminum	331314
Aluminum Sheet, Plate, and Foil Manufacturing	331315
Other Aluminum Rolling, Drawing, and Extruding	331318
Nonferrous Metal (except Aluminum) Smelting and Refining	331410
Copper Rolling, Drawing, Extruding, and Alloying	331420
Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding	331491
Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)	331492
Iron Foundries	331511
Steel Investment Foundries	331512
Steel Foundries (except Investment)	331513
Nonferrous Metal Die-Casting Foundries	331523
Aluminum Foundries (except Die-Casting)	331524
Other Nonferrous Metal Foundries (except Die-Casting)	331529
Iron and Steel Forging	332111
Nonferrous Forging	332112
Custom Roll Forming	332114
Powder Metallurgy Part Manufacturing	332117
Metal Crown, Closure, and Other Metal Stamping (except Automotive)	332119
Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing	332215
Saw Blade and Handtool Manufacturing	332216
Prefabricated Metal Building and Component Manufacturing	332311
Fabricated Structural Metal Manufacturing	332312
Plate Work Manufacturing	332313

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2017 NAICS Code Title	Code
Metal Window and Door Manufacturing	332321
Sheet Metal Work Manufacturing	332322
Ornamental and Architectural Metal Work Manufacturing	332323
Power Boiler and Heat Exchanger Manufacturing	332410
Metal Tank (Heavy Gauge) Manufacturing	332420
Metal Can Manufacturing	332431
Other Metal Container Manufacturing	332439
Hardware Manufacturing	332510
Spring Manufacturing	332613
Other Fabricated Wire Product Manufacturing	332618
Machine Shops	332710
Precision Turned Product Manufacturing	332721
Bolt, Nut, Screw, Rivet, and Washer Manufacturing	332722
Metal Heat Treating	332811
Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers	332812
Electroplating, Plating, Polishing, Anodizing, and Coloring	332813
Industrial Valve Manufacturing	332911
Fluid Power Valve and Hose Fitting Manufacturing	332912
Plumbing Fixture Fitting and Trim Manufacturing	332913
Other Metal Valve and Pipe Fitting Manufacturing	332919
Ball and Roller Bearing Manufacturing	332991
Small Arms Ammunition Manufacturing	332992
Ammunition (except Small Arms) Manufacturing	332993
Small Arms, Ordnance, and Ordnance Accessories Manufacturing	332994
Fabricated Pipe and Pipe Fitting Manufacturing	332996
All Other Miscellaneous Fabricated Metal Product Manufacturing	332999
Farm Machinery and Equipment Manufacturing	333111
Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing	333112
Construction Machinery Manufacturing	333120
Mining Machinery and Equipment Manufacturing	333131
Oil and Gas Field Machinery and Equipment Manufacturing	333132
Food Product Machinery Manufacturing	333241
Semiconductor Machinery Manufacturing	333242
Sawmill, Woodworking, and Paper Machinery Manufacturing	333243
Printing Machinery and Equipment Manufacturing	333244
Other Industrial Machinery Manufacturing	333249
Optical Instrument and Lens Manufacturing	333314
Photographic and Photocopying Equipment Manufacturing	333316
Other Commercial and Service Industry Machinery Manufacturing	333318
Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing	333413
Heating Equipment (except Warm Air Furnaces) Manufacturing	333414
Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	333415
Industrial Mold Manufacturing	333511
Special Die and Tool, Die Set, Jig, and Fixture Manufacturing	333514
Cutting Tool and Machine Tool Accessory Manufacturing	333515
Machine Tool Manufacturing	333517
Rolling Mill and Other Metalworking Machinery Manufacturing	333519

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2017 NAICS Code Title	Code
Turbine and Turbine Generator Set Units Manufacturing	333611
Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing	333612
Mechanical Power Transmission Equipment Manufacturing	333613
Other Engine Equipment Manufacturing	333618
Air and Gas Compressor Manufacturing	333912
Measuring, Dispensing, and Other Pumping Equipment Manufacturing	333914
Elevator and Moving Stairway Manufacturing	333921
Conveyor and Conveying Equipment Manufacturing	333922
Overhead Traveling Crane, Hoist, and Monorail System Manufacturing	333923
Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing	333924
Power-Driven Handtool Manufacturing	333991
Welding and Soldering Equipment Manufacturing	333992
Packaging Machinery Manufacturing	333993
Industrial Process Furnace and Oven Manufacturing	333994
Fluid Power Cylinder and Actuator Manufacturing	333995
Fluid Power Pump and Motor Manufacturing	333996
Scale and Balance Manufacturing	333997
All Other Miscellaneous General Purpose Machinery Manufacturing	333999
Electronic Computer Manufacturing	334111
Computer Storage Device Manufacturing	334112
Computer Terminal and Other Computer Peripheral Equipment Manufacturing	334118
Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	334220
Other Communications Equipment Manufacturing	334290
Audio and Video Equipment Manufacturing	334310
Bare Printed Circuit Board Manufacturing	334412
Semiconductor and Related Device Manufacturing	334413
Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing	334416
Electronic Connector Manufacturing	334417
Printed Circuit Assembly (Electronic Assembly) Manufacturing	334418
Other Electronic Component Manufacturing	334419
Electromedical and Electrotherapeutic Apparatus Manufacturing	334510
Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	334511
Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use	334512
Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	334513
Totalizing Fluid Meter and Counting Device Manufacturing	334514
Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	334515
Analytical Laboratory Instrument Manufacturing	334516
Irradiation Apparatus Manufacturing	334517
Other Measuring and Controlling Device Manufacturing	334519
Blank Magnetic and Optical Recording Media Manufacturing	334613
Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing	334614
Electric Lamp Bulb and Part Manufacturing	335110
Residential Electric Lighting Fixture Manufacturing	335121
Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing	335122
Other Lighting Equipment Manufacturing	335129
Small Electrical Appliance Manufacturing	335210

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2017 NAICS Code Title	Code
Major Household Appliance Manufacturing	335220
Power, Distribution, and Specialty Transformer Manufacturing	335311
Motor and Generator Manufacturing	335312
Switchgear and Switchboard Apparatus Manufacturing	335313
Relay and Industrial Control Manufacturing	335314
Storage Battery Manufacturing	335911
Primary Battery Manufacturing	335912
Fiber Optic Cable Manufacturing	335921
Other Communication and Energy Wire Manufacturing	335929
Current-Carrying Wiring Device Manufacturing	335931
Noncurrent-Carrying Wiring Device Manufacturing	335932
Carbon and Graphite Product Manufacturing	335991
All Other Miscellaneous Electrical Equipment and Component Manufacturing	335999
Automobile Manufacturing	336111
Light Truck and Utility Vehicle Manufacturing	336112
Heavy Duty Truck Manufacturing	336120
Motor Vehicle Body Manufacturing	336211
Truck Trailer Manufacturing	336212
Motor Home Manufacturing	336213
Travel Trailer and Camper Manufacturing	336214
Motor Vehicle Gasoline Engine and Engine Parts Manufacturing	336310
Motor Vehicle Electrical and Electronic Equipment Manufacturing	336320
Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing	336330
Motor Vehicle Brake System Manufacturing	336340
Motor Vehicle Transmission and Power Train Parts Manufacturing	336350
Motor Vehicle Seating and Interior Trim Manufacturing	336360
Motor Vehicle Metal Stamping	336370
Other Motor Vehicle Parts Manufacturing	336390
Aircraft Manufacturing	336411
Aircraft Engine and Engine Parts Manufacturing	336412
Other Aircraft Parts and Auxiliary Equipment Manufacturing	336413
Guided Missile and Space Vehicle Manufacturing	336414
Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing	336415
Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing	336419
Railroad Rolling Stock Manufacturing	336510
Ship Building and Repairing	336611
Boat Building	336612
Motorcycle, Bicycle, and Parts Manufacturing	336991
Military Armored Vehicle, Tank, and Tank Component Manufacturing	336992
All Other Transportation Equipment Manufacturing	336999
Wood Kitchen Cabinet and Countertop Manufacturing	337110
Upholstered Household Furniture Manufacturing	337121
Nonupholstered Wood Household Furniture Manufacturing	337122
Metal Household Furniture Manufacturing	337124
Household Furniture (except Wood and Metal) Manufacturing	337125
Institutional Furniture Manufacturing	337127
Wood Office Furniture Manufacturing	337211
Custom Architectural Woodwork and Millwork Manufacturing	337212

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2017 NAICS Code Title	Code
Office Furniture (except Wood) Manufacturing	337214
Showcase, Partition, Shelving, and Locker Manufacturing	337215
Mattress Manufacturing	337910
Blind and Shade Manufacturing	337920
Surgical and Medical Instrument Manufacturing	339112
Surgical Appliance and Supplies Manufacturing	339113
Dental Equipment and Supplies Manufacturing	339114
Ophthalmic Goods Manufacturing	339115
Dental Laboratories	339116
Jewelry and Silverware Manufacturing	339910
Sporting and Athletic Goods Manufacturing	339920
Doll, Toy, and Game Manufacturing	339930
Office Supplies (except Paper) Manufacturing	339940
Sign Manufacturing	339950
Gasket, Packing, and Sealing Device Manufacturing	339991
Musical Instrument Manufacturing	339992
Fastener, Button, Needle, and Pin Manufacturing	339993
Broom, Brush, and Mop Manufacturing	339994
Burial Casket Manufacturing	339995
All Other Miscellaneous Manufacturing	339999
Automobile and Other Motor Vehicle Merchant Wholesalers	423110
Motor Vehicle Supplies and New Parts Merchant Wholesalers	423120
Tire and Tube Merchant Wholesalers	423130
Motor Vehicle Parts (Used) Merchant Wholesalers	423140
Furniture Merchant Wholesalers	423210
Home Furnishing Merchant Wholesalers	423220
Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers	423310
Brick, Stone, and Related Construction Material Merchant Wholesalers	423320
Roofing, Siding, and Insulation Material Merchant Wholesalers	423330
Other Construction Material Merchant Wholesalers	423390
Photographic Equipment and Supplies Merchant Wholesalers	423410
Office Equipment Merchant Wholesalers	423420
Computer and Computer Peripheral Equipment and Software Merchant Wholesalers	423430
Other Commercial Equipment Merchant Wholesalers	423440
Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	423450
Ophthalmic Goods Merchant Wholesalers	423460
Other Professional Equipment and Supplies Merchant Wholesalers	423490
Metal Service Centers and Other Metal Merchant Wholesalers	423510
Coal and Other Mineral and Ore Merchant Wholesalers	423520
Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	423610
Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers	423620
Other Electronic Parts and Equipment Merchant Wholesalers	423690
Hardware Merchant Wholesalers	423710
Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers	423720
Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	423730
Refrigeration Equipment and Supplies Merchant Wholesalers	423740
Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers	423810
Farm and Garden Machinery and Equipment Merchant Wholesalers	423820

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2017 NAICS Code Title	Code
Industrial Machinery and Equipment Merchant Wholesalers	423830
Industrial Supplies Merchant Wholesalers	423840
Service Establishment Equipment and Supplies Merchant Wholesalers	423850
Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	423860
Sporting and Recreational Goods and Supplies Merchant Wholesalers	423910
Toy and Hobby Goods and Supplies Merchant Wholesalers	423920
Recyclable Material Merchant Wholesalers	423930
Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers	423940
Other Miscellaneous Durable Goods Merchant Wholesalers	423990
Printing and Writing Paper Merchant Wholesalers	424110
Stationery and Office Supplies Merchant Wholesalers	424120
Industrial and Personal Service Paper Merchant Wholesalers	424130
Drugs and Druggists' Sundries Merchant Wholesalers	424210
Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers	424310
Men's and Boys' Clothing and Furnishings Merchant Wholesalers	424320
Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers	424330
Footwear Merchant Wholesalers	424340
General Line Grocery Merchant Wholesalers	424410
Packaged Frozen Food Merchant Wholesalers	424420
Dairy Product (except Dried or Canned) Merchant Wholesalers	424430
Poultry and Poultry Product Merchant Wholesalers	424440
Confectionery Merchant Wholesalers	424450
Fish and Seafood Merchant Wholesalers	424460
Meat and Meat Product Merchant Wholesalers	424470
Fresh Fruit and Vegetable Merchant Wholesalers	424480
Other Grocery and Related Products Merchant Wholesalers	424490
Grain and Field Bean Merchant Wholesalers	424510
Livestock Merchant Wholesalers	424520
Other Farm Product Raw Material Merchant Wholesalers	424590
Plastics Materials and Basic Forms and Shapes Merchant Wholesalers	424610
Other Chemical and Allied Products Merchant Wholesalers	424690
Petroleum Bulk Stations and Terminals	424710
Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)	424720
Beer and Ale Merchant Wholesalers	424810
Wine and Distilled Alcoholic Beverage Merchant Wholesalers	424820
Farm Supplies Merchant Wholesalers	424910
Book, Periodical, and Newspaper Merchant Wholesalers	424920
Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers	424930
Tobacco and Tobacco Product Merchant Wholesalers	424940
Paint, Varnish, and Supplies Merchant Wholesalers	424950
Other Miscellaneous Nondurable Goods Merchant Wholesalers	424990
Business to Business Electronic Markets	425110
Wholesale Trade Agents and Brokers	425120
New Car Dealers	441110
Used Car Dealers	441120
Recreational Vehicle Dealers	441210
Boat Dealers	441222
Motorcycle, ATV, and All Other Motor Vehicle Dealers	441228

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Automotive Parts and Accessories Stores	441310
Tire Dealers	441320
Convenience Stores	445120
Gasoline Stations with Convenience Stores	447110
Other Gasoline Stations	447190
Fuel Dealers	454310
Other Direct Selling Establishments	454390
Scheduled Passenger Air Transportation	481111
Scheduled Freight Air Transportation	481112
Nonscheduled Chartered Passenger Air Transportation	481211
Nonscheduled Chartered Freight Air Transportation	481212
Other Nonscheduled Air Transportation	481219
Line-Haul Railroads	482111
Short Line Railroads	482112
Deep Sea Freight Transportation	483111
Deep Sea Passenger Transportation	483112
Coastal and Great Lakes Freight Transportation	483113
Coastal and Great Lakes Passenger Transportation	483114
Inland Water Freight Transportation	483211
Inland Water Passenger Transportation	483212
General Freight Trucking, Local	484110
General Freight Trucking, Long-Distance, Truckload	484121
General Freight Trucking, Long-Distance, Less Than Truckload	484122
Used Household and Office Goods Moving	484210
Specialized Freight (except Used Goods) Trucking, Local	484220
Specialized Freight (except Used Goods) Trucking, Long-Distance	484230
Mixed Mode Transit Systems	485111
Commuter Rail Systems	485112
Bus and Other Motor Vehicle Transit Systems	485113
Other Urban Transit Systems	485119
Interurban and Rural Bus Transportation	485210
Taxi Service	485310
Limousine Service	485320
School and Employee Bus Transportation	485410
Charter Bus Industry	485510
Special Needs Transportation	485991
All Other Transit and Ground Passenger Transportation	485999
Pipeline Transportation of Crude Oil	486110
Pipeline Transportation of Natural Gas	486210
Pipeline Transportation of Refined Petroleum Products	486910
All Other Pipeline Transportation	486990
Motor Vehicle Towing	488410
Other Support Activities for Road Transportation	488490
Freight Transportation Arrangement	488510
Packing and Crating	488991
All Other Support Activities for Transportation	488999
Postal Service	491110
Couriers and Express Delivery Services	492110

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Local Messengers and Local Delivery	492210
General Warehousing and Storage	493110
Refrigerated Warehousing and Storage	493120
Farm Product Warehousing and Storage	493130
Other Warehousing and Storage	493190
Newspaper Publishers	511110
Periodical Publishers	511120
Book Publishers	511130
Directory and Mailing List Publishers	511140
Greeting Card Publishers	511191
All Other Publishers	511199
Wired Telecommunications Carriers	517110
Wireless Telecommunications Carriers (except Satellite)	517210
Satellite Telecommunications	517410
Telecommunications Resellers	517911
All Other Telecommunications	517919
Passenger Car Rental	532111
Passenger Car Leasing	532112
Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing	532120
Recreational Goods Rental	532284
All Other Consumer Goods Rental	532289
General Rental Centers	532310
Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing	532411
Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	532412
Office Machinery and Equipment Rental and Leasing	532420
Other Commercial and Industrial Machinery and Equipment Rental and Leasing	532490
Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	533110
Exterminating and Pest Control Services	561710
Janitorial Services	561720
Landscaping Services	561730
Carpet and Upholstery Cleaning Services	561740
Other Services to Buildings and Dwellings	561790
Solid Waste Collection	562111
Hazardous Waste Collection	562112
Other Waste Collection	562119
Hazardous Waste Treatment and Disposal	562211
Solid Waste Landfill	562212
Solid Waste Combustors and Incinerators	562213
Other Nonhazardous Waste Treatment and Disposal	562219
Remediation Services	562910
Materials Recovery Facilities	562920
Septic Tank and Related Services	562991
All Other Miscellaneous Waste Management Services	562998
General Automotive Repair	811111
Automotive Exhaust System Repair	811112
Automotive Transmission Repair	811113
Other Automotive Mechanical and Electrical Repair and Maintenance	811118
Automotive Body, Paint, and Interior Repair and Maintenance	811121

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2017 NAICS Code Title	Code
Automotive Glass Replacement Shops	811122
Automotive Oil Change and Lubrication Shops	811191
Car Washes	811192
All Other Automotive Repair and Maintenance	811198
Consumer Electronics Repair and Maintenance	811211
Computer and Office Machine Repair and Maintenance	811212
Communication Equipment Repair and Maintenance	811213
Other Electronic and Precision Equipment Repair and Maintenance	811219
Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	811310
Home and Garden Equipment Repair and Maintenance	811411
Appliance Repair and Maintenance	811412
Reupholstery and Furniture Repair	811420
Footwear and Leather Goods Repair	811430
Other Personal and Household Goods Repair and Maintenance	811490
Barber Shops	812111
Beauty Salons	812112
Nail Salons	812113
Coin-Operated Laundries and Drycleaners	812310
Drycleaning and Laundry Services (except Coin-Operated)	812320
Linen Supply	812331
Industrial Launderers	812332
Photofinishing Laboratories (except One-Hour)	812921
One-Hour Photofinishing	812922
Parking Lots and Garages	812930

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Table C-2: Industrial and Commercial Properties that may have Activities with the Potential to Discharge to a City Owned UIC

Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
3 DIAMOND CONSTRUCTION LLC	2132 SE 117TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS259
33 BOOKS CO	925 NE 70TH AVE	511130	Book Publishers	ADR524
3DS MARKET	1739 SE 139TH AVE	445120	Convenience Stores	ADS372
3GEN INC	4606 NE 38TH AVE	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADQ177
4 SEASONS NAILS & SPA LLC	1111 NE 102ND AVE STE E	812113	Nail Salons	ADR618
4 WHEEL PARTS	2700 SE 82ND AVE	441310	Automotive Parts and Accessories Stores	ACA229
43 & K CLEANERS	4337 NE KILLINGSWORTH ST	812320	Drycleaning and Laundry Services (except Coin-Operated)	ADV353
47TH AVE AVENUE FARMS	6632 SE 47TH AVE	111219	Other Vegetable (except Potato) and Melon Farming	ADT772
5 STAR CLEANING SERVICE GUARANTEED	5728 NE AINSWORTH ST	561720	Janitorial Services	AMY548
5D CONTRACTORS	4035 SE 52ND AVE	236220	Commercial and Institutional Building Construction	ADS892
7-ELEVEN	1516 NE KILLINGSWORTH ST	445120	Convenience Stores	ADQ070
7-ELEVEN	11366 NE HALSEY	445120	Convenience Stores	ADR694
7-ELEVEN	6144 SE FOSTER RD	445120	Convenience Stores	ADS911
7-ELEVEN	7501 SE 82ND AVE	445120	Convenience Stores	ADV959
7-ELEVEN	2815 N KILLINGSWORTH ST	445120	Convenience Stores	AAM336
7-ELEVEN	4507 NE 60TH AVE	445120	Convenience Stores	ADQ266
7-ELEVEN	12214 SE POWELL BLVD	445120	Convenience Stores	ADV238
7-ELEVEN # 16535E	14725 SE DIVISION ST	445120	Convenience Stores	ADS426
7-ELEVEN #25527L	8201 SE POWELL BLVD	445120	Convenience Stores	ADT325
7-ELEVEN #35494B	3311 NE 82ND AVE	445120	Convenience Stores	ADN574
7-ELEVEN 2353 17295 D	575 SE 92ND AVE	445120	Convenience Stores	ABS379
7-ELEVEN 2353 27614C	8215 NE SANDY BLVD	445120	Convenience Stores	ADW029
7-ELEVEN 2363-14500B	11220 SE POWELL BLVD	445120	Convenience Stores	ANB299
7-ELEVEN 2363-16155A	6117 N LOMBARD ST	445120	Convenience Stores	ADN408
7-ELEVEN 2363-21998F	17404 SE POWELL BLVD	445120	Convenience Stores	AMU052
7-ELEVEN 2363-34678A	5122 SE WOODSTOCK BLVD	445120	Convenience Stores	ADU922
7-ELEVEN STORE #2353-17033C	9111 SE DIVISION ST	445120	Convenience Stores	ADP098
7-ELEVEN STORE 2363 14503G	14750 SE STARK ST	445120	Convenience Stores	ADT138
90TH MINI MART	9016 NE SANDY BLVD	445120	Convenience Stores	AMN809
911 RESTORATION INC	1115 SE NEHALEM ST	236118	Residential Remodelers	ADU050
A & J HAIR STUDIOS	14011 SE DIVISION ST	812112	Beauty Salons	ADS376
A & P SPECIALTIES INC	707 SE 82ND AVE	811111	General Automotive Repair	ABS200
A & S MINI MART	13076 SE STARK ST	445120	Convenience Stores	ADT057
A 440 PIANO TUNING AND REPAIR	6835 SE KNIGHT ST	811490	Other Personal and Household Goods Repair and Maintenance	ACP009
A C E JANITORIAL SERVICES INC	10135 SE FOSTER RD	561720	Janitorial Services	ACP693
A FOX LLC	11351 NE GLISAN ST APT 2	561720	Janitorial Services	ADR682
A MASTER TOUCH	12738 SE FOSTER RD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADT701
A SAVE CONSTRUCTION	2207 A SE 135TH	237110	Water and Sewer Line and Related Structures Construction	ADW480
A&H CORTES CONSTRUCTION LLC	6839 N SKY ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	AAF111
A. & A. PEST CONTROL, INC.	5827 SE 91ST AVE	561710	Exterminating and Pest Control Services	ADV076
A1 LAWN & GROUNDS	1123 SE 144TH AVE	561730	Landscaping Services	ADT143
A-1 RENTAL, INC.	6412 NE SANDY BLVD	532120	Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing	ADN527
AAA APPLIANCE SERVICE INC	6601 SE FOSTER RD	811412	Appliance Repair and Maintenance	ADT643
AAA PRECIOUS METALS INC	9908 SE ASH ST	331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding	ANA725
ABLE EQUIPMENT INSTALLERS INC	5629 N DETROIT AVE	425120	Wholesale Trade Agents and Brokers	ADP498

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
ABM ONSITE SERVICES WEST INC	1320 NE 63RD AVE	561720	Janitorial Services	ADR508
ABOVE AVERAGE AUTO SALES	5237 NE 21ST AVE	441120	Used Car Dealers	ADQ029
ABRA AUTO BODY & GLASS LP	8230 SE WOODSTOCK BLVD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADV073
ACCELL NORTH AMERICA INC	5514 NE 9TH AVE	423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers	ADP698
ACME SCENIC & DISPLAY INC	7737 NE KILLINGSWORTH ST	337215	Showcase, Partition, Shelving, and Locker Manufacturing	ADV385
ACRUZPEREZ AUTO BODY INC	10033 E BURNSIDE ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADR874
ACURA OF PORTLAND	12030 SE STARK ST	441110	New Car Dealers	ADU441
AD GRAPHICS	8730 SE WOODSTOCK BLVD	323111	Commercial Printing (except Screen and Books)	ADV108
ADAMAS PHARMACEUTICALS INC	1936 NE 51ST AVE	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADQ631
ADAMS MARKET	11104 NE SANDY BLVD	445120	Convenience Stores	ARW278
ADDIS AUTO REPAIR INC	4505 SE 63RD AVE	811111	General Automotive Repair	ADT649
ADHAH INC	9647 SE HAROLD ST	445120	Convenience Stores	ADV159
ADRIAN DESIGN STUDIO INC	2201 NE 60TH AVE	327211	Flat Glass Manufacturing	ADR153
ADRIANA ALCAZAR	11633 SE WASHINGTON ST	561720	Janitorial Services	ADU428
ADVANCED CONSTRUCTION & DESIGN LLC	9236 SE HOLGATE BLVD	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU704
ADVANTAGE PETROLEUM SERVICE INC	4926 SE 114TH AVE	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ACK389
ADVANTAGE TRANSPORT INC	10570 SE WASHINGTON ST STE 200	484121	General Freight Trucking, Long-Distance, Truckload	ADS983
AFFORDABLE MECHANICS USA INC	6631 SE 87TH AVE	811111	General Automotive Repair	ADT986
AFTER DARK COOKIES LLC	4033 SE WOODSTOCK BLVD	492210	Local Messengers and Local Delivery	ADU786
AGA EXPRESS LLC	6623 NE 78TH CT STE B4	484121	General Freight Trucking, Long-Distance, Truckload	ANB185
AHAA	7047 SE 64TH AVE	425120	Wholesale Trade Agents and Brokers	ADT872
AINSWORTH PET NUTRITION LLC	1240 NE 51ST AVE	424490	Other Grocery and Related Products Merchant Wholesalers	ADR464
AIRGAS USA, LLC	7232 SE 82ND AVE	423830	Industrial Machinery and Equipment Merchant Wholesalers	ADT968
AJ HOME IMPROVEMENTS LLC	10602 SE INSLEY ST	236118	Residential Remodelers	ADW228
AKOS CONSTRUCTION LLC	3444 NE 17TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ646
AL SULTAN ARAB HALAL	8245 SE DIVISION ST	445120	Convenience Stores	ADP099
ALADDIN FINISHERS INC	2127 NE ALBERTA ST	811420	Reupholstery and Furniture Repair	ADQ055
ALAMEDA CARPET & UPHOLSTERY CL	6011 NE OREGON ST STE 1	561740	Carpet and Upholstery Cleaning Services	ADR491
ALAMEDA METALWORKS LLC	4242 NE ALBERTA ST	332323	Ornamental and Architectural Metal Work Manufacturing	ADQ230
ALBA WORLDWIDE	3334 NE 79TH AVE	484210	Used Household and Office Goods Moving	ADN573
ALBERTA SANITARY SERVICE, INC.	2615 NE ALBERTA ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADQ105
ALBERTA STREET MARKET	909 NE ALBERTA ST	445120	Convenience Stores	ADQ015
ALCMAG INC	10235 NE HOLLADAY ST	812320	Drycleaning and Laundry Services (except Coin-Operated)	ADR637
ALE SMITH BREWING COMPANY	2133 NE WYGANT ST	312120	Breweries	ADQ059
ALEXANDER CARPENTRY INC	5774 N COMMERCIAL AVE	236118	Residential Remodelers	ADP647
ALEXS QUALITY TREE SERVICE INC	308 NE 133RD AVE	561730	Landscaping Services	ADS046
ALI TRANSPORTATION LLC	7301 SE POWELL BLVD	484121	General Freight Trucking, Long-Distance, Truckload	ADU138
ALJJD INC	915 NE ONEONTA ST	812112	Beauty Salons	AAK960
ALL ABOUT STONE LLC	15935 SE DIVISION ST	493190	Other Warehousing and Storage	ADW491
ALL AROUND ARBOR LLC	118 SE 108TH AVE	561730	Landscaping Services	ADR956
ALL CAR CARE LLC	5941 NE KILLINGSWORTH ST	811111	General Automotive Repair	ADP890
ALL CLASSIC TRANSPORTATION LLC	1509 SE 122ND AVE STE E	484121	General Freight Trucking, Long-Distance, Truckload	ADT025
ALL CUSTOM CONSTRUCTION	14313 NE FREMONT CT	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADW078
ALL EARS ENGLISH LLC	22 NE 128TH AVE	425120	Wholesale Trade Agents and Brokers	ADS017
ALL MARKET INC	8075 SE 16TH AVE	425120	Wholesale Trade Agents and Brokers	AMQ069
ALL NATURES CONSTRUCTION INC	9222 SE PINE ST	561730	Landscaping Services	ADR880

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
ALL PRINTING RESOURCES INC	5705 NE 11TH AVE	423840	Industrial Supplies Merchant Wholesalers	ADP693
ALL PRO AUTOBODY, INC	12444 SE STARK ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADT053
ALL PRO METRO SERVICES LLC	5437 SE OGDEN ST	561720	Janitorial Services	ADT827
ALL SEASONS JANITORIAL FLOORS	1515 NE 143RD AVE	561720	Janitorial Services	ADR402
ALL TECH APPLIANCE	7841 N OLYMPIA ST	811412	Appliance Repair and Maintenance	ADN298
ALL WEATHER HOME REMODELING CO.	5005 NE FREMONT ST	236118	Residential Remodelers	ANL334
ALLERGY RESEARCH GROUP LLC	1308 NE DEKUM ST	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADP419
ALLIANCE GROUP NW INC	3725 NE 64TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ875
ALLISON TRANSMISSION INC	5408 NE 19TH AVE	423490	Other Professional Equipment and Supplies Merchant Wholesalers	ADQ080
ALLSTAR MESSENGER INC	13931 NE ROSE PKWY	492110	Couriers and Express Delivery Services	ADQ573
ALL-WAYS ON THE LEVEL LLC	4725 SE RAMONA ST	236118	Residential Remodelers	ADU806
ALONSO FLOOR CARE	5973 SE 122ND AVE	561720	Janitorial Services	ADV202
ALPENGLow LANDSCAPE LLC	4403 SE 45TH AVE	561730	Landscaping Services	ACD659
ALPINE II LAUNDRY	231 N LOMBARD ST	812310	Coin-Operated Laundries and Drycleaners	ADN953
ALS AUTO REPAIR CENTER LLC	3445 NE 82ND AVE	811111	General Automotive Repair	ADN572
ALU INC	9727 N PORTSMOUTH AVE	423440	Other Commercial Equipment Merchant Wholesalers	AMZ909
ALUMNI CONSTRUCTION LLC	5730 SE CENTER ST APT 3	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT189
AMARANTH ORGANIC GARDENING LLC	4745 NE 16TH AVE	561730	Landscaping Services	ADQ068
AMAZON SERVICES INC	3216 NE 79TH AVE	236220	Commercial and Institutional Building Construction	ADN573
AMENITY CONSTRUCTION RENOVATION LLC	PO BOX 20906	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT728
AMERICAN ACOUSTICS INC	10225 SE MARKET DR	236220	Commercial and Institutional Building Construction	ADU558
AMERICAN CHIMNEY & MASONRY INC	3614 NE 50TH AVE	561790	Other Services to Buildings and Dwellings	ADQ813
AMERICAN HOOD CLEANING LLC	16 NE 148TH AVE	561790	Other Services to Buildings and Dwellings	ADU333
AMERICAN INTERNATIONAL CHEMICAL INC	7906 SE 15TH AVE	425120	Wholesale Trade Agents and Brokers	AMQ113
AMERICAN READING COMPANY INC	4325 NE 36TH AVE	424920	Book, Periodical, and Newspaper Merchant Wholesalers	ADQ730
AMERICAN WEST WORLDWIDE	3354 NE 75TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADN585
AMHAZ INC	12140 NE HALSEY ST	447110	Gasoline Stations with Convenience Stores	ADV672
AMO CLEANING SERVICES CORPORATION	3728 SE 151ST AVE	561720	Janitorial Services	ADT506
ANAMIC CONSTRUCTION INC	12808 SE COOPER ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT999
ANIMATION MAGAZINE INC	4825 NE 27TH AVE	511120	Periodical Publishers	ADQ106
ANIMAUX DU VIN INC	3126 NE 64TH AVE	425120	Wholesale Trade Agents and Brokers	ADN522
ANKENY'S LLC	8131 N INTERSTATE AVE	441320	Tire Dealers	ADN869
ANNS BEAUTY SALON	2332 SE 122ND AVE	812112	Beauty Salons	ADS321
AOP TECHNOLOGIES INC	10347 SE DIVISION	423840	Industrial Supplies Merchant Wholesalers	ADS237
APEX DEVELOPING & CONSTRUCTION LLC	1179 NE 65TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR513
APOGEE LANDSCAPES LLC	6120 SE BUSH ST	561730	Landscaping Services	ADT186
APPLIANCE REFRIGERATION HOSP APPL	3003 NE ALBERTA ST	811412	Appliance Repair and Maintenance	ADQ090
AR AUTO LLC	4250 NE CULLY BLVD	441120	Used Car Dealers	ADQ799
ARBOR PHARMACEUTICALS SALES LLC	7636 N DENVER AVE	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADN891
ARBOR VITAL TREE SOLUTIONS LLC	12128 SE MARTINS ST	561730	Landscaping Services	ADT682
ARCHITECTURAL IRON PRODUCTS INC	10701 SE FOSTER RD	332323	Ornamental and Architectural Metal Work Manufacturing	ADW302
ARCHITECTURAL RECOVERY INC	PO BOX 17458	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ADN880
ARCONA INC	7908 NE TILLAMOOK ST	423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers	ADR215
ARCTIC COMMERCIAL REFRIGERATION LLC	4768 N PRINCETON ST	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	AAJ863
ARDD & WINTER INC	7215 SE STEELE ST	425120	Wholesale Trade Agents and Brokers	ADU590
AREA LIGHTING INC	9800 SE ASH ST	561790	Other Services to Buildings and Dwellings	ANA725

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
ARIETA LIBRARY BAKERY CAFE	5513 SE 72ND AVE	311811	Retail Bakeries	ADU610
ARIS CONSTRUCTION SERVICES LLC	5704 SE RAMONA ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	AMR601
ARO APPLIANCE REPAIR INC	2314 SE 89TH AVE	811412	Appliance Repair and Maintenance	ADS159
ARTHURS AUTOMOTIVE AND UPHOLSTERY L	104 NE 80TH AVE	811111	General Automotive Repair	AMP965
ARTICO LITE INC	8621 SE POWELL BLVD	339950	Sign Manufacturing	ACE291
ARTISTIC CLEANERS & DRAPERY	7460 SE 82ND AVE	812320	Drycleaning and Laundry Services (except Coin-Operated)	ADT980
ASCENT TREE AND YARD CARE LLC	707 NE LIBERTY ST	561730	Landscaping Services	ADP362
ASPEN CONTRACTING INC	4729 N DEPAUW ST	236220	Commercial and Institutional Building Construction	ADN735
ASPEN LABS LLC	3311 SE 75TH AVE	425120	Wholesale Trade Agents and Brokers	ADU138
ASSOCIATED HOMEMAKERS CONSTRUCTION	1035 SE BIDWELL ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU058
ASSOCIATED HOSE PRODUCTS INC	3115 NE 43RD AVE	423830	Industrial Machinery and Equipment Merchant Wholesalers	ADR093
ASSOCIATED NORTH WEST, INC.	5035 NE 42ND AVE	423830	Industrial Machinery and Equipment Merchant Wholesalers	AAR490
ASSOCIATED PETROLEUM PRODUCTS	9270 NE GLISAN ST	424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)	ADR883
ASTRO	7510 N INTERSTATE AVE	447110	Gasoline Stations with Convenience Stores	ADN940
ASTRO - 76	11214 SE DIVISION ST	447190	Other Gasoline Stations	ADS619
ASTRO - CHEVRON	6869 N LOMBARD ST	447190	Other Gasoline Stations	ADN376
ASTRO - SHELL	2809 N ROSA PARKS WAY	447190	Other Gasoline Stations	AAK188
ASTRO - TEXACO	420 SE 122ND AVE	447190	Other Gasoline Stations	ADS034
A-TEAM CONSTRUCTION REMODELING & RO	13331 SE BUSH ST	236118	Residential Remodelers	ANB019
ATLANTIC CORPORATION OF WILMINGTON	2446 NE 58TH AVE	424130	Industrial and Personal Service Paper Merchant Wholesalers	ADR145
ATLAS MOTORS LLC	605 SE 82ND AVE	441120	Used Car Dealers	ADS929
ATOMIC AUTO INC	610 NE 102ND AVE	811111	General Automotive Repair	ADR631
ATWOOD ADHESIVES, INC.	4630 SE 86TH AVE	424690	Other Chemical and Allied Products Merchant Wholesalers	ADU627
AUGUST MOVERS	5522 SE MALL ST	488991	Packing and Crating	ADT205
AURORA CLEANINGS SERVICES INC	340 SE 117TH AVE	561720	Janitorial Services	ANA715
AURORA PURVEYORS LLC	1540 SE MARTINS ST APT H	425120	Wholesale Trade Agents and Brokers	AMQ103
AUTO ACCESSORY DISTRIBUTING	8335 SE DIVISION ST	423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers	ADP094
AUTO GLASS SERVICES NW	4221 NE 68TH AVE	811122	Automotive Glass Replacement Shops	ADQ859
AUTO HOUSE LLC	3905 SE 82ND AVE	441120	Used Car Dealers	ADT308
AUTO SOLUTION INC	102 SE 99TH AVE	441110	New Car Dealers	ANA724
AUTO TRUCK WHOLESALE	4650 N LOMBARD ST	423110	Automobile and Other Motor Vehicle Merchant Wholesalers	ADN733
AUTO-CHLOR SYSTEM OF OREGON INC	6212 NE 78TH CT	532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	ANB185
AUTOLANE LLC	1730 SE 82ND AVE	441120	Used Car Dealers	ADP107
AUTOMATED PACKAGING SYSTEMS INC	2604 SE 73RD AVE	423830	Industrial Machinery and Equipment Merchant Wholesalers	ADU165
AUTOMOTIVE INDUSTRIAL MARKETING	10000 SE PINE ST	423830	Industrial Machinery and Equipment Merchant Wholesalers	ADR871
AUTONOMUS SURFACE VEHICLES LLC	3928 SE 51ST AVE	425120	Wholesale Trade Agents and Brokers	ADS890
AUTOSOURCE MOTORS LLC	4856 SE 99TH AVE	441120	Used Car Dealers	ADU691
AUTOZONE	4803 N LOMBARD ST	441310	Automotive Parts and Accessories Stores	ADN717
AUTOZONE	4454 NE CULLY BLVD	441310	Automotive Parts and Accessories Stores	ADQ846
AUTOZONE	1700 SE 82ND AVE	441310	Automotive Parts and Accessories Stores	ADP107
AUTOZONE	2020 SE 82ND AVE	441310	Automotive Parts and Accessories Stores	ADP101
AUTOZONE	6510 SE 82ND AVE	441310	Automotive Parts and Accessories Stores	ADT946
AVI AUTO REPAIR LLC	9107 SE DIVISION ST	811111	General Automotive Repair	ADP098
AVILA'S AUTO BODY DETAIL	4957 N MCCOY CT	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADN418
AWI	8748 N DRUMMOND AVE	334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	ADN616
AXINE USA INC	7135 N JORDAN AVE	425120	Wholesale Trade Agents and Brokers	ADN743

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A-Z BLIND CLEANING LLC	7920 NE GLISAN ST	561720	Janitorial Services	AMP942
AZMI SALEH	1931 N LOMBARD ST	445120	Convenience Stores	ADN894
B & I SPRINTER DELIVERIES INC	4024 SE 101ST AVE	492210	Local Messengers and Local Delivery	ADT366
B I NUTRACEUTICALS INC	3748 NE 75TH AVE	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADQ937
B W CONSTRUCTION INC	14958 SE CARUTHERS CT	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS433
BACK HOME INDUSTRIES INC	8431 SE 36TH AVE	511130	Book Publishers	ADV843
BACKFLIP PRODUCTIONS	3258 NE SKIDMORE ST	532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	ADQ693
BACKROADS WINE TOURS	5820 SE PARDEE ST	425120	Wholesale Trade Agents and Brokers	ACJ489
BACKWOODS BREWING COMPANY	1802 NE 125TH AVE	425120	Wholesale Trade Agents and Brokers	ANB036
BAEZ CONSTRUCTION LLC	4815 NE 62ND AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ300
BAILEYS CONSTRUCTION UNLIMITED LLC	15719 NE FARGO CT	236115	New Single-Family Housing Construction (except For-Sale Builders)	ABA321
BAISLEY HI PERFORMANCE	5511 N INTERSTATE AVE	811490	Other Personal and Household Goods Repair and Maintenance	AAM523
BAKED SMART LLC	4427 NE 38TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ732
BAKER & SONS TURBO WASH	1759 SE 112TH AVE	561790	Other Services to Buildings and Dwellings	ADS235
BAKER CORP INC	6400 SE 101ST AVE	532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	AMX431
BAMBOO AND BEYOND LANDSCAPING INC	6034 SE 56TH AVE	561730	Landscaping Services	ADU906
BAMBOO GROVE LANDSCAPE MAINTENANCE	5007 N PRINCETON ST	561730	Landscaping Services	ADN745
BARCHARTS PUBLISHING INC	1820 NE 104TH AVE APT 62	511130	Book Publishers	ANA987
BARNARD-BOE, INC.	16408 NE FARGO ST	425120	Wholesale Trade Agents and Brokers	ABA416
BARRAZA HOME DELIVERY LLC	6628 SE 75TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADT941
BARRETT AUTOMOTIVE & MARINE INC	4413 NE FREMONT ST	811111	General Automotive Repair	ADQ796
BARRONS AUTO SALES & DETAILS LLC	1950 SE 82ND AVE	441120	Used Car Dealers	ADP101
BARTS SWEDISH FORMULA LLC	4222 NE MLK JR BLVD	811111	General Automotive Repair	AAT161
BATHROOM SURFACE SOLUTIONS LLC	8224 SE MORRISON ST	236118	Residential Remodelers	ABS383
BATTERY SPECIALISTS INC	11207 SE POWELL BLVD	441310	Automotive Parts and Accessories Stores	ADW577
BAUTISTASCAPES SERVICES	16540 SE HAIG DR	561730	Landscaping Services	ADT527
BAXTER AUTO PARTS, INC	4552 SE 82ND AVE	441310	Automotive Parts and Accessories Stores	ADU624
BAXTER AUTO PARTS, INC.	16716 SE DIVISION ST	441310	Automotive Parts and Accessories Stores	ADS800
BCB GENERAL CONTRACTING INC	8305 SE 68TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV898
BD MACK INC	5016 NE 11TH AVE	236118	Residential Remodelers	ADQ011
BE GREEN CARPET CLEANING INC	3245 SE 174TH AVE	561740	Carpet and Upholstery Cleaning Services	ADS837
BEAUMONT BARBER CO LLC	4519 NE FREMONT ST	812111	Barber Shops	ADQ783
BEAUPRE AUTOWORKS INC	10122 E BURNSIDE ST	811111	General Automotive Repair	ADR876
BEAUTY NAILS CT INC	16409 SE DIVISION ST STE 200	812113	Nail Salons	ADS519
BEAUTY SYSTEMS GROUP LLC	9814 E BURNSIDE ST	423850	Service Establishment Equipment and Supplies Merchant Wholesalers	ADR866
BEE CONTROL NORTHWEST INC	12619 SE MILL ST	561710	Exterminating and Pest Control Services	ADS317
BEE HAPPY POLLINATION INC	11644 NE SACRAMENTO ST	112910	Apiculture	ADV556
BEELINE TRANSPORTATION LLC	15521 SE BUSH ST	484121	General Freight Trucking, Long-Distance, Truckload	ADT518
BELLA MERCATO	9919 SE GRANT ST	311812	Commercial Bakeries	ADS191
BENTLEY PRINCE STREET INC	835 NE 33RD AVE	424990	Other Miscellaneous Nondurable Goods Merchant Wholesalers	ADR455
BERG CHRISTIAN ENTERPRISES INC	4525 SE 63RD AVE	323111	Commercial Printing (except Screen and Books)	ADT649
BERIT HOMES INC	12620 SE RAYMOND ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU743
BEST ACCESS SOLUTIONS INC	5734 NE BROADWAY ST	423710	Hardware Merchant Wholesalers	ADR172
BEST CLEANERS	17408 SE POWELL BLVD	812320	Drycleaning and Laundry Services (except Coin-Operated)	AMU052
BEST FRIENDS EXPRESS INC	6625 SE 85TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADT982
BESTRADE ENTERPRISES INC	3100 SE 166TH AVE	561720	Janitorial Services	ADS807

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BESTWAY USA INC	138 NE 74TH AVE	423910	Sporting and Recreational Goods and Supplies Merchant Wholesalers	AMP877
BETTER PLANET BRANDS LLC	7115 N DELAWARE AVE	425120	Wholesale Trade Agents and Brokers	AAK177
BEYOND BEAUTY LLC	110 NE 82ND AVE	425120	Wholesale Trade Agents and Brokers	ADV725
BGC INC	3334 NE 45TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR095
BIA LLC	11103 NE SKIDMORE ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ983
BIG QUALITY MASONRY LLC	3227 SE 89TH AVE	561730	Landscaping Services	ADU178
BILLY GENE JUDGE CO	8647 NE TILLAMOOK ST	236118	Residential Remodelers	ADV483
BIND-RITE PDX	32 SE 113TH AVE	323120	Support Activities for Printing	ANA512
BINH PHAM	805 SE 82ND AVE	445120	Convenience Stores	ABS200
BIOFRONTERA INC	1834 NE 90TH AVE	425120	Wholesale Trade Agents and Brokers	ADR243
BISHOPS BABERSHOP NO 7	7861 SE 13TH AVE	812112	Beauty Salons	ADU036
BISHOPS BARBERSHOP NO 5	2016 NE ALBERTA ST	812112	Beauty Salons	ADQ054
BISHOPS CUTS AND COLORS	1838 NE 64TH AVE	812111	Barber Shops	ADR187
BITCH PUBLICATIONS	4930 NE 29TH AVE	511120	Periodical Publishers	ADQ135
BLACK HORSE CARRIERS INC	750 SE 122ND AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADT040
BLACK RABBIT SERVICE LLC	1948 SE 92ND AVE	811412	Appliance Repair and Maintenance	ADS179
BLACK TIE DETAIL LLC	1015 NE 82ND AVE	811192	Car Washes	ADR565
BLACK-EYED SUSAN GARDEN MAINTENANCE	6840 NE RODNEY AVE	561730	Landscaping Services	ADP322
BLACKSTONE BUILDERS LLC	6207 N DETROIT AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP492
BLAKELY AUTO INC	5323 SE 136TH AVE	811111	General Automotive Repair	ADT689
BLESSYERHEART	9634 SE PARDEE ST	561720	Janitorial Services	ADU671
BLM GROUP USA CORPORATION	316 SE 81ST AVE	423710	Hardware Merchant Wholesalers	AMP920
BLOOMING MOON WELLNESS SPA	1920 N KILLINGSWORTH ST	812112	Beauty Salons	ADP547
BLOSSOM EARTHWORKS PC	3575 NE EMERSON ST	561730	Landscaping Services	ADQ160
BLOSSOM VINEGARS LLC	3157 N TERRY ST	311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing	ADN816
BLUE DOG BAKERY GROUP INC	4622 NE 10TH AVE	311119	Other Animal Food Manufacturing	ADQ025
BLUE KANGAROO COFFEE ROASTERS	7901 SE 13TH AVE	424490	Other Grocery and Related Products Merchant Wholesalers	ADU039
BLUE NILE SEWING CONTRACTORS INC	5416 N VANCOUVER AVE	315210	Cut and Sew Apparel Contractors	ADP950
BLUE POPPY ENTERPRISES INC	4814 SE 69TH AVE	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADT646
BLUE SKY COMMERCIAL SERVICES INC	15026 NE ROSE PKWY	561720	Janitorial Services	ADQ607
BO QUALITY REMODEL LLC	10753 SE HOLGATE BLVD	236118	Residential Remodelers	ADW723
BOB THOMAS AUTO BODY, INC	8752 NE SANDY BLVD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADQ956
BOB'S AUTO SALES INC	5826 SE 82ND AVE	441120	Used Car Dealers	ADV069
BOBS CORNER GROCERY & DELI	13110 SE DIVISION ST	445120	Convenience Stores	AMQ274
BOLTON MEDICAL INC	4416 N MCCOY CT	339113	Surgical Appliance and Supplies Manufacturing	ADN449
BONA TRANSPORTATION LP	4551 NE 42ND AVE	485991	Special Needs Transportation	ADQ202
BOOK NEWS INC.	5739 NE SUMNER ST	511120	Periodical Publishers	ADQ274
BOTTLEDROP	12403 NE GLISAN	423930	Recyclable Material Merchant Wholesalers	ABJ571
BOUCHARD CONSTRUCTION INC	914 NE 151ST AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR831
BRADFORD D MOORE CONSTRUCTION	16 NE 151ST AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ANB204
BRAN CONSTRUCTION LLC	16535 SE MARKET ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP023
BREADWINNER CYCLES	7331 N KNOWLES AVE	339920	Sporting and Athletic Goods Manufacturing	ADP142
BREAKSIDE BREWERY LLC	820 NE DEKUM ST	312120	Breweries	ADP364
BRIDGESTONE RETAIL OPERATIONS LLC	4601 SE POWELL BLVD	441320	Tire Dealers	ABZ615
BRIDGETOWN BAKERY	11601-A SE FOSTER RD	311821	Cookie and Cracker Manufacturing	AQT809
BRIDGETOWN CONTRACTORS LLC	5520 SE 89TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV106

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BRIDGETOWN SALES LLC	3315 NE 21ST AVE	454390	Other Direct Selling Establishments	ADR070
BRIGGS & STRATTON CORPORATION	3942 SE 115TH AVE	425120	Wholesale Trade Agents and Brokers	ADV217
BRIGHTNAIL	1343 SE SPOKANE ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU057
BRINSFIELD BOAT BASIN	525 SE TACOMA ST # RD50	441222	Boat Dealers	ADU052
BRITISH MOTOR CARE LLC	5114 NE 42ND AVE	811111	General Automotive Repair	AAR490
BROLIN BUILD AND REMODEL LLC	9261 SE HARRISON ST	236118	Residential Remodelers	ADS180
BROOKS WOODWORKS INC	4326 NE 6TH AVE	337110	Wood Kitchen Cabinet and Countertop Manufacturing	ADQ468
BSC GENERAL CONTRACTORS INC	3836 NE SKIDMORE ST	236118	Residential Remodelers	ADQ735
BUDDY'S JUNK HAULING AND RECYCLING	3549 SE 67TH AVE	484220	Specialized Freight (except Used Goods) Trucking, Local	ADT221
BUI TOFU INC	520 NE 76TH AVE	311991	Perishable Prepared Food Manufacturing	ADR596
BUILDING RESOURCES INC	10320 SE PINE ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ABN126
BULK NATURAL LLC	6226 N VILLARD AVE	325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing	ADP466
BUTLER BUILT CUSTOM CONSTRUCTION	5115 NE MASON CT	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ786
BVA SYSTEMS TEXAS INC	5034 NE 13TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ012
C & E LAWN MAINTENANCE LLC	8407 NE THOMPSON ST	561730	Landscaping Services	ADV505
C & K CUSTOM REMODELING	3560 NE 120TH AVE	236118	Residential Remodelers	ADW035
C & R OREGON CORPORATION	1034 SE 122ND AVE	311340	Nonchocolate Confectionery Manufacturing	ADT046
C&J LANDSCAPES LLC	3544 NE CESAR E CHAVEZ BLVD	561730	Landscaping Services	ADQ740
C&S QUALITY HOMECARE & REPAIR INC	9655 SE RAMONA ST	236118	Residential Remodelers	ACP637
CALIE DAIRY LTD	3237 NE PRESCOTT ST	112120	Dairy Cattle and Milk Production	ADQ124
CALIFLOUR FOODS LLC	1714 NE 55TH AVE	311991	Perishable Prepared Food Manufacturing	ADR165
CALIFORNIA SUNDAY INC	964 NE WINONA ST	511120	Periodical Publishers	ADP411
CALPLANT I LLC	5400 NE 22ND AVE	321219	Reconstituted Wood Product Manufacturing	ADQ082
CAMAMU SOAP LLC	1229 SE NEHALEM ST	325611	Soap and Other Detergent Manufacturing	ADU051
CAMBRIDGE COMPUTER SERVICES INC	6145 N MISSISSIPPI AVE	517911	Telecommunications Resellers	ADP558
CANVAS SOLUTIONS INC	28 N FARRAGUT ST	425120	Wholesale Trade Agents and Brokers	ADN948
CAPSTONE DEVELOPMENT PARTNERS LLC	8519 N WOOLSEY AVE	237210	Land Subdivision	ADN446
CAR TOYS	10209 NE HALSEY ST	441310	Automotive Parts and Accessories Stores	ABE082
CARGNI CLEANING UNLIMITED INC	9912 SE DIVISION ST	561720	Janitorial Services	ADW544
CARMENS HOUSE CLEANING LLC	4505 N HOUGHTON ST	561720	Janitorial Services	ADN447
CARQUEST	7636 NE SANDY BLVD	441310	Automotive Parts and Accessories Stores	ADQ923
CARQUEST	727 SE 122ND AVE	441310	Automotive Parts and Accessories Stores	ADT011
CARRILLOS JANITORIAL SERVICE LLC	10114 SE RAMONA ST	561720	Janitorial Services	ACP670
CARS TO GO INC	20 NE 82ND AVE	441120	Used Car Dealers	ADV725
CARTEAM INC	2440 SE 110TH AVE	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADS226
CARWO INC	3005 NE 66TH AVE	488490	Other Support Activities for Road Transportation	ADN535
CARZ DEPOT LLC	6521 SE 82ND AVE	441120	Used Car Dealers	ADT911
CARZ PLAZA LLC	1550 SE 82ND AVE	441120	Used Car Dealers	ADS948
CASA BONITA LLC	609 NE 127TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR750
CASCADE BUILDING MATERIALS INC	12333 SE FOSTER RD STE A	425120	Wholesale Trade Agents and Brokers	ADT683
CASCADE MARINE CENTER INC	14900 SE STARK ST	441222	Boat Dealers	ADT131
CASE STUDY COFFEE	4935 NE 21ST AVE	493110	General Warehousing and Storage	ADQ054
CASHCO DISTRIBUTOR'S INC.	6430 NE COLUMBIA BLVD	424210	Drugs and Druggists' Sundries Merchant Wholesalers	AQF031
CASTELLANO CUSTOM FURNITURE INC	10708 NE HALSEY ST	337121	Upholstered Household Furniture Manufacturing	ADR298
CATALYST CONSTRUCTION & REMODELING	1031 NE 76TH AVE	236118	Residential Remodelers	ADR600
CATERPILLAR PAVING PRODUCTS INC	4406 NE 35TH AVE	423810	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers	ADQ729

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CATHEDRAL CONSTRUCTION LLC	7920 N FOSS AVE	236118	Residential Remodelers	ADN755
CENTER LINE CONSTRUCTION & CENTER RING CORPORATION	4714 SE 71ST AVE	236118	Residential Remodelers	ADT645
CHALET HOMES LLC	5725 N PRINCETON ST	236118	Residential Remodelers	AAH117
CHEVRON GAS STATION	8733 SE DIVISION ST STE 201	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP104
CHEVRON GAS STATION	17411 SE POWELL BLVD	447190	Other Gasoline Stations	ADT545
CHEVRON GAS STATION	5727 SE POWELL BLVD	447190	Other Gasoline Stations	ADU086
CHEVRON STATIONS, INC.	527 SE 82ND DR	447110	Gasoline Stations with Convenience Stores	ADS929
CHUCK WISE MOTORS	930 SE 82ND AVE	441120	Used Car Dealers	ADS931
CHUTES N LADDERS	5113 SE 62ND AVE	561790	Other Services to Buildings and Dwellings	ADT610
CITY CENTER CONSTRUCTION INC	14111 NE FREMONT ST	236118	Residential Remodelers	ADW069
CIVIC FOOD MART	729 N ROSA PARKS WAY	445120	Convenience Stores	ADP287
CJ EMBROIDERY	5420 SE 82ND AVE STE A	314999	All Other Miscellaneous Textile Product Mills	ADU664
CLASSIC FOODS	817 NE MADRONA ST	311991	Perishable Prepared Food Manufacturing	ADP378
CLASSIC INTERIOR CONCEPTS INC	8029 SE 13TH AVE	811420	Reupholstery and Furniture Repair	ADU051
CLEAN & PRISTINE CLEANING LLC	8544 NE WEBSTER ST	561720	Janitorial Services	ADQ381
CLEAN AIR LAWN CARE OF PORTLAND	3016 NE 53RD AVE	561730	Landscaping Services	ADN497
CLEAN AIR LAWN CARE WEST SIDE LLC	7429 NE 6TH AVE	561730	Landscaping Services	ADP387
CLEAN BY NATURE HOME SERVICES LLC	4620 SE 77TH AVE	561720	Janitorial Services	ADU574
CLEAN DROP OF WATER INC	10812 NE FARGO ST	561720	Janitorial Services	ADQ515
CLEAN PORTLAND	4720 NE GOING ST	236118	Residential Remodelers	ADQ229
CLEAN PRO INDUSTRIES INC	6133 N DETROIT AVE	425120	Wholesale Trade Agents and Brokers	ADP492
CLEAN START JANITORIAL INC	302 SE 105TH AVE #38	561720	Janitorial Services	ADR950
CLEANLINE	6030 SE 80TH AVE	561720	Janitorial Services	ADV010
CLEANPOINTE SERVICES INC	14400 SE ALDER ST	561720	Janitorial Services	ADT146
CLOTH AND CANVAS LLC	4225 NE FREMONT ST	811490	Other Personal and Household Goods Repair and Maintenance	ADQ778
COALITION TATTOO SUPPLY	1737 NE MORGAN ST	424210	Drugs and Druggists' Sundries Merchant Wholesalers	AMU510
COAST CUTLERY CO	8033 NE HOLMAN ST	423710	Hardware Merchant Wholesalers	ADV384
COAST TO COAST TRUCKING INC	1301 SE 150TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ANA068
COCOKEFIR LLC	4239 NE 7TH AVE	424430	Dairy Product (except Dried or Canned) Merchant Wholesalers	AAT163
CODYS APPLIANCE SERVICE INC	2430 NE 111TH AVE	811412	Appliance Repair and Maintenance	ADV519
COL CONSTRUCTION	10247 NE SACRAMENTO ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR266
COLEMAN'S CLEANING COMPANY LLC	12887 SE FOSTER RD	561720	Janitorial Services	ADT693
COLLECTIVE CONSTRUCTION LLC	5543 NE GOING ST	236118	Residential Remodelers	ADQ261
COLOR ME MINE ENTERPRISES INC	7702 NE SISKIYOU ST	533110	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	ADN589
COLOR SYSTEMS	6415 SE FOSTER RD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADT638
COLORADO PAINT COMPANY II LLC	8637 SE MORRISON ST	424950	Paint, Varnish, and Supplies Merchant Wholesalers	ABS373
COLUMBIA GEAR WORKS INC	14629 NE HALSEY ST	332710	Machine Shops	ADR388
COLUMBIA MOTORS INC	10820 SE DIVISION ST	441120	Used Car Dealers	ADW561
COLUMBIA PEST CONTROL INC	1722 NE 119TH AVE	561710	Exterminating and Pest Control Services	ADR320
COMMONWEALTH CONSTRUCTION CORP	4835 NE 26TH AVE	236220	Commercial and Institutional Building Construction	ADQ104
COMMUNITY AMBULANCE	9807 SE ASH ST	485991	Special Needs Transportation	ANA724
COMPUTERS R US LLC	5859 SE 92ND AVE	334111	Electronic Computer Manufacturing	ADV078
CONFLUENCE DESIGN-BUILD INC	5504 NE SKIDMORE ST	236118	Residential Remodelers	ADQ809
CONRAD CONSTRUCTION LLC	8958 N CLARENDON AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADN397
CONSTRUCTION SERVICES INC	204 NE 76TH AVE	236118	Residential Remodelers	AMP879
CONSTRUX PDX LLC	8111 N NEWMAN AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	AAH145

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CONSUMERS AUTO BUDGET & LEASING INC	6614 SE 82ND AVE	425120	Wholesale Trade Agents and Brokers	ADT946
CONTEMPORARY LANDSCAPE SERVICES	2435 SE 116TH AVE	561730	Landscaping Services	ADS261
COOPER'S AUTO SERVICE	10356 NE HALSEY ST	811111	General Automotive Repair	ADR668
COPELAN SERVICES	7222 SE HOLGATE BLVD	561710	Exterminating and Pest Control Services	ADU604
COPPERSMITH INC	6135 NE 80TH AVE STE A4	488510	Freight Transportation Arrangement	ANB185
CORE HOME FRUIT	6616 NE WYGANT ST	561730	Landscaping Services	ANA875
CORNERSTONE REMODELING INC	2616 SE 84TH PL	236118	Residential Remodelers	ADS540
COSMIC TREEHOUSE	7974 SE FOSTER RD	424590	Other Farm Product Raw Material Merchant Wholesalers	ADV062
COST LESS TIRES AND WHEELS INC	14410 SE STARK ST	811198	All Other Automotive Repair and Maintenance	ADT145
COURTESY FORD	1313 NE 122ND AVE	441110	New Car Dealers	ADR708
COURTESY JANITORIAL SERVICE	1703 NE ALBERTA ST	561720	Janitorial Services	ADQ073
CRAFTWORKS INC	6824 SE CARLTON ST	236118	Residential Remodelers	ADU962
CREATIVE LANDSCAPES INC	3323 NE 47TH AVE	561730	Landscaping Services	ADR095
CREATIVE NAIL CARE	11946 NE GLISAN ST	812113	Nail Salons	ADR961
CREDIBLE CLEANERS LLC	14342 SE POWELL BLVD.	561720	Janitorial Services	ADS705
CRISTAL CLEANING SOLUTIONS LLC	627 N FARGO ST	561720	Janitorial Services	AMP380
CRITTER CONTROL OF GREATER PORTLAND	6809 SE FOSTER RD	561710	Exterminating and Pest Control Services	ADT646
CROSS PEST CONTROL SPECIALISTS	2149 SE 139TH AVE	561710	Exterminating and Pest Control Services	ADS351
CRUZIN AUTO LLC	3520 NE 82ND AVE	441110	New Car Dealers	ADQ947
CRYSTAL GEYSER WATER COMPANY	2957 NE 57TH AVE	424490	Other Grocery and Related Products Merchant Wholesalers	ADN475
CT AUTOBODY & PAINT LLC	827 SE 82ND AVE	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ABS200
CULTIVATE AND BLOOM LLC	4017 NE 66TH AVE	561730	Landscaping Services	ADQ866
CULTIVATED SHELTER INCORPORATED	4450 NE 38TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ732
CUP4CUP LLC	7415 N MCKENNA AVE	424490	Other Grocery and Related Products Merchant Wholesalers	AAH113
CURB APPEAL NORTH WEST LLC	4051 N ALASKA ST	236118	Residential Remodelers	ADN462
CUSTOM AUTOMOTIVE RESTORATION INC	3400 SE 122ND AVE	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADW635
CUSTOM ENGRAVING LTD	6730 SE TENINO ST	441228	Motorcycle, ATV, and All Other Motor Vehicle Dealers	ADV896
CUSTOM WORKS INC	13995 SE POWELL BLVD	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS667
CYCLE GEAR INC	8930 SE STARK ST	441310	Automotive Parts and Accessories Stores	ADS949
D & D HAULING	13234 NE ROSE PKWY	484220	Specialized Freight (except Used Goods) Trucking, Local	ADW195
D OWEN CONSTRUCTION LLC	3520 SE 122ND AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT444
D W GAYLORD CONSTRUCTION	3312 NE 48TH AVE	236118	Residential Remodelers	ADR110
DAILY AUTOMOTIVE	7941 SE STEELE ST STE 1-3	811111	General Automotive Repair	ADU588
DAN PRICE INC	3108 SE 138TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS664
DANIELSON CONTRACTORS INC	5106 SE 99TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU690
DANS AUTOMOTIVE SHOP LLC	5811 NE SANDY BLVD	811111	General Automotive Repair	ADN484
DARCIE KENT VINEYARDS	10188 SE ELLIS ST	312130	Wineries	ADV127
DARLING PRESS AND STATIONERS LLC	5300 SE FOSTER RD	511191	Greeting Card Publishers	ADT183
DARREL'S ECONOMY MUFFLER	3630 SE 82ND AVE	811112	Automotive Exhaust System Repair	ADT350
DAVID BOSNAR CONSTRUCTION INC	6019 SE FRANCIS ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT186
DAVID MCGEE CONTRACT SERVICES LLC	6624 N CAMPBELL AVE	236118	Residential Remodelers	ADP235
DAVID P CARTER CONSTRUCTION INC	8218 N FOSS AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADN458
DDSD BUS GARAGE	2904 SE 122ND AVE	485410	School and Employee Bus Transportation	ADS638
DE MAISON SELECTIONS INC	5519 SE 74TH AVE	424820	Wine and Distilled Alcoholic Beverage Merchant Wholesalers	ADV054
DEALER EQUITY GROUP CASCADE ACCESSO	426 SE 102ND AVE	441110	New Car Dealers	AMZ761
DEARING & YUNG CONTRACTORS INC	9510 NE SANDY BLVD	236118	Residential Remodelers	ADQ402

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
DE-BAR CONSTRUCTION LLC	2213 SE 135TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS343
DELACRUZ LANDSCAPE MAINTENANCE INC	329 SE 160TH AVE	561730	Landscaping Services	ADS112
DELIVERY FORCE CORP	1720 NE 155TH AVE	492210	Local Messengers and Local Delivery	ADR415
DELUXE CONSTRUCTION INC	15909 NE GLISAN ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR820
DELUXE FUEL OIL INC	1013 NE 62ND AVE	454310	Fuel Dealers	ADR484
DEMETER GARDENS LLC	7979 SE FOSTER RD	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADU607
DENISE MAHONEY HAIR & COLOR INC	11121 NE HALSEY ST	812112	Beauty Salons	ADR290
DEPENDABLE AUTO SALES INC	1915 SE 130TH AVE	441120	Used Car Dealers	ADS324
DESCO INDUSTRIAL GROUP, INC	1327 SE TACOMA ST # 308	425120	Wholesale Trade Agents and Brokers	ADU056
DESIGN DESIGN INC	3842 NE 70TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ849
DEUEL CONSTRUCTION LLC	6634 N BURRAGE AVE	236118	Residential Remodelers	ADP185
DF CONSTRUCTION INC	4402 NE 54TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ262
Dick Hannah VW of Portland	12345 E BURNSIDE ST			ADS013
DICKS KITCHEN	4905 SE WOODSTOCK BLVD	311812	Commercial Bakeries	ADU814
DIGITAL DOLPHIN SUPPLIES LLC	2524 NE 92ND AVE	425120	Wholesale Trade Agents and Brokers	ABD782
DISCOUNT AUTO REPAIR	14055 SE STARK ST	811111	General Automotive Repair	ADS067
DISTRIBUTION SYSTEMS INTERNATIONAL	8955 N HAVEN AVE	425120	Wholesale Trade Agents and Brokers	ADN417
DIVISION ST MINI MART LLC	16818 SE DIVISION ST	445120	Convenience Stores	ADS800
DIVISION TIRE INC	12121 SE DIVISION ST	811111	General Automotive Repair	ADS253
DIXON REMODELING & RESTORATION	8050 SE 13TH AVE STE 104	236118	Residential Remodelers	ADU056
DJ2 CONSTRUCTION INC	8931 SE FOSTER RD STE 210	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV076
DKJR CREATIVE CARPENTRY & DESIGN	3215 NE 84TH AVE	236118	Residential Remodelers	ANA728
DN CLEANING INC	10523 NE HOLLADAY ST	561720	Janitorial Services	ADR637
DNJ ENGINE COMPONENTS, INC	10239 SE FOSTER RD	423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers	ADW302
DODGE MAINTENANCE & LANDSCAPE CARE	7818 N WASHBURNE AVE	561730	Landscaping Services	ADN773
DOMINUS CONSTRUCTION LLC	547 SE 130TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT061
DONE RIGHT DELIVERY LLC	3223 NE 83RD AVE	492210	Local Messengers and Local Delivery	ADN591
DOUBLE J TIRE CENTER II INC	4510 SE 52ND AVE	441320	Tire Dealers	ADV281
DOUBLE O ELECTRONIC DISTRIBUTORS	9440 NE HALSEY ST	423690	Other Electronic Parts and Equipment Merchant Wholesalers	ADR606
DOUBLE RIVER FORWARDING LLC	5117 NE 87TH AVE	488510	Freight Transportation Arrangement	ADQ380
DOUBLE TR CONSTRUCTION LLC	2318 SE 112TH AVE	236118	Residential Remodelers	ADS241
DOUGLAS L GILLUM	13147 SE GRANT CRT	236118	Residential Remodelers	ADS366
DREAM NAILS II	5626 NE M L KING BLVD	812113	Nail Salons	ADP716
DRY SODA INC	1631 SE FLAVEL ST	424490	Other Grocery and Related Products Merchant Wholesalers	AMQ053
DT GENERAL CONSTRUCTION CORPORATION	322 SE 142ND AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS090
DUMARS INDUSTRIES LLC	1752 NE SARATOGA ST	323113	Commercial Screen Printing	ADP417
DUR-A-FLEX INC	2805 NE 63RD AVE	325510	Paint and Coating Manufacturing	ADN532
E & J MOTORS, INC.	622 SE 82ND AVE	441120	Used Car Dealers	ADS933
E BLACK DESIGN CO	7028 N PORTSMOUTH AVE	441310	Automotive Parts and Accessories Stores	ADN672
E NAILS & MORE	7825 SE 13TH AVE	812113	Nail Salons	ADU036
E&F MILER INDUSTRIES LLC	12944 NE BRAZEE ST	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ANB045
EAGLE EXECUTIVE TOWNCAR CORP	2250 SE 89TH AVE	485320	Limousine Service	ADS159
EARTH SCIENCE NATURALS INC	3323 NE 19TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ646
EARTHBOUND INDUSTRIES LLC	848 N STAFFORD ST	337110	Wood Kitchen Cabinet and Countertop Manufacturing	ADP244
EAST CANYON COLLISION & AUTOMOTIVE	11700 NE SANDY BLVD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADQ418
EASTERN AVIATION FUELS INC	4200 NE 28TH AVE	424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)	ADQ682

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
EASTPORT AUTOS	3565 SE 82ND AVE	441120	Used Car Dealers	ADT312
EASTSIDE AUTO SALES INC	6214 SE 82ND AVE	441120	Used Car Dealers	ADV081
EASTSIDE MOBILE ELECTRONICS LLC	12701 NE OREGON ST	441310	Automotive Parts and Accessories Stores	ADR749
EASY RIDE	8973 N FISKE AVE	485991	Special Needs Transportation	ANT487
EBENEZER MEDICAL TRANSPORT LLC	15810 NE SCHUYLER ST	485991	Special Needs Transportation	ABE926
ECKELMAN CONSTRUCTION INC	4529 SE 67TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT643
ECOCRAFT LLC	4408 NE 38TH AVE	236118	Residential Remodelers	ADQ732
EDEN LABS LLC	1103 NE 59TH AVE	311942	Spice and Extract Manufacturing	ADR483
EDGE ENTITY INC	9008 NE HASSALO ST	425120	Wholesale Trade Agents and Brokers	ADV643
EGALET US INC	3615 SE 63RD AVE	425120	Wholesale Trade Agents and Brokers	ADT257
EIGHT PENNY NAIL LLC	3426 NE 13TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR068
ELASTIC PATH SOFTWARE US INC	4517 NE 22ND AVE	425120	Wholesale Trade Agents and Brokers	ADQ031
ELDOR EXPRESS LLC	13427 SE MALL ST	484121	General Freight Trucking, Long-Distance, Truckload	AMX686
ELEMENT TRANSPORT LLC	220 SE 139TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADV840
ELEVATE ORAL CARE LLC	1434 SE FLAVEL ST	424210	Drugs and Druggists' Sundries Merchant Wholesalers	AMQ097
ELITE SIGNS	8723 SE DIVISION ST	339950	Sign Manufacturing	ADP104
ELITE TOWING & RECOVERY LLC	5828 NE 11TH AVE	488410	Motor Vehicle Towing	ADP686
ELK RIDGE CORP NW	1934 SE 155TH PL	236115	New Single-Family Housing Construction (except For-Sale Builders)	ANA076
ELMERS SANITARY SERVICE	2726 NE 65TH AVE	562111	Solid Waste Collection	ADN539
EMANUEL GARDENS INC	4215 SE 131ST AVE	561730	Landscaping Services	ADT425
EMCO FUMIGATION AND	7528 SE FOSTER RD STE 202	561710	Exterminating and Pest Control Services	ADU612
EMERALD HYDRO-TURF	9330 NE HALSEY ST	561730	Landscaping Services	ADR606
EMERALD TREE LLC	4250 NE HOLMAN ST	561730	Landscaping Services	ADP875
EMSI	5038 NE 32ND PL	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADQ092
ENJOY YOUR CLEAN HOME	2177 SE 105TH AVE	561720	Janitorial Services	ADS234
ENTERPRISE RENT-A-CAR	6903 N LOMBARD ST	532111	Passenger Car Rental	ADN365
ENTERPRISE RENT-A-CAR	17020 SE DIVISION ST	532111	Passenger Car Rental	ADS798
ENTERPRISE RENT-A-CAR	423 NE 102ND AVE	532111	Passenger Car Rental	ADV735
ENTERPRISE RENT-A-CAR	5932 SE 82ND AVE	532111	Passenger Car Rental	ADV069
ENVIROMENTALLY CONSCIOUS RECYCLING	12409 NE SAN RAFAEL ST	562920	Materials Recovery Facilities	AMQ384
ENVIRONMENTAL BUSINESS SOLUTIONS	11954 NE GLISAN ST #241	561790	Other Services to Buildings and Dwellings	ADR961
ENVIRONS LLC	5919 NE 10TH AVE	236118	Residential Remodelers	ADP680
EPLUS TECHNOLOGY INC	2955 NE 56TH AVE	425120	Wholesale Trade Agents and Brokers	ADN474
EPPENDORF NORTH AMERICA INC	4427 SE GLADSTONE ST	425120	Wholesale Trade Agents and Brokers	ACD656
ERICK-CO GENERAL CONTRACTOR LLC	13838 SE RAYMOND ST	236118	Residential Remodelers	ADU761
ESCOBAR DELIVERY SERVICES LLC	503 NE 155TH AVE APT 11	484121	General Freight Trucking, Long-Distance, Truckload	ADR819
ESDE BUILDING & CONSTRUCTION LLC	3007 NE JARRETT ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	AAN385
ETERNAL BEVERAGES INC	9700 NE EVERETT CT APT 310	425120	Wholesale Trade Agents and Brokers	ADR891
ETHAN KENNEDY CORPORATION	8915 SE STEPHENS ST	484121	General Freight Trucking, Long-Distance, Truckload	ADS178
EURO PHARMA INC	2024 SE 102ND AVE	425120	Wholesale Trade Agents and Brokers	ADU540
EUROPA MOTORS LTD	10455 SE DIVISION ST	811111	General Automotive Repair	ADW349
EVA'S HERBUCHA	5329 SE 80TH AVE STE B	312120	Breweries	ADU607
EVERGREEN CLEANING SERVICES	4418 SE 80TH AVE	561720	Janitorial Services	ADT304
EVERGREEN SKATEPARKS LLC	5327 SE 69TH AVE	236220	Commercial and Institutional Building Construction	ADT664
EXAGRID SYSTEMS INC	5651 N BOSTON AVE	423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers	ADP511
EXPRESS LINER INC	1354 SE 162ND AVE	484121	General Freight Trucking, Long-Distance, Truckload	ANA220

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EXTERIOR BARRIER LLC	1000 NE 122ND AVE STE 200	236118	Residential Remodelers	ADR745
EXTERIOR REDEVELOPMENT LLC	13141 SE POWELL BLVD UNIT 7	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS660
EYE FOR THE FIND INC	4126 SE TOLMAN ST	327212	Other Pressed and Blown Glass and Glassware Manufacturing	ADU834
EZ PEST MANAGEMENT SERVICES INC	7345 SE 65TH AVE	561710	Exterminating and Pest Control Services	ADT868
EZ TRIM	7317 SE 68TH AVE	423820	Farm and Garden Machinery and Equipment Merchant Wholesalers	ADT865
FACE LIFT SERVICES INC	5330 NE ALAMEDA ST	561720	Janitorial Services	ADN504
FAMILY AUTO NETWORK LLC	1348 SE 82ND AVE	441120	Used Car Dealers	ADS947
FARM FRESH CLOTHING CO LLC	4708 NE 77TH AVE	323113	Commercial Screen Printing	ADQ345
FASHION DRY CLEANERS	6317 NE SANDY BLVD	812320	Drycleaning and Laundry Services (except Coin-Operated)	APV861
FAST AND SPEEDY TOWING LLC	4122 SE 112TH AVE	488410	Motor Vehicle Towing	AMS086
FAST SHARK TRANSPORTATION INC	13818 SE REEDWAY ST	484121	General Freight Trucking, Long-Distance, Truckload	ADT722
FAST TRIP LLC	4541 NE 80TH AVE	445120	Convenience Stores	ADQ334
FAST TRIP PDX LLC	4541 NE 60TH AVE	445120	Convenience Stores	ADQ280
FAT CUPCAKE 2 LLC	6011 SE 72ND AVE	311812	Commercial Bakeries	ADV048
FEDERAL MAINTENANCE HAWAII INC	2750 SE 141ST AVE	561720	Janitorial Services	ADS657
FIELDS & FIELDS BLOWN GLASS	7123 N FESSENDEN ST	327212	Other Pressed and Blown Glass and Glassware Manufacturing	ADN280
FIREMOG LLC	4343 NE 17TH AVE	115310	Support Activities for Forestry	ADQ490
FIRESTONE WALKER BREWING CO	6830 SE 86TH AVE	424810	Beer and Ale Merchant Wholesalers	ADT983
FIRST MANAGEMENT SERVICES LLC	6755 NE COLUMBIA BLVD	485410	School and Employee Bus Transportation	ANB155
FISH CONSTRUCTION NW INC	6401 NE 33RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP802
FIX AUTO GLADSTONE	9255 SE STARK ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADR863
FJS CONSTRUCTION LLC	4603 SE 73RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU604
FLATT TIRE SUPPLY, INC.	7921 NE MARTIN LUTHER KING BLVD	423140	Motor Vehicle Parts (Used) Merchant Wholesalers	AAJ188
FLEETWASH INC	5430 N COLUMBIA CT	811192	Car Washes	AAD536
FLORA ORGANIC LANDSCAPE MAINTENANCE	9316 SE SALMON CT	561730	Landscaping Services	ADS978
FLOW ENTERPRISES INC	16942 SE POWELL BLVD	811192	Car Washes	ADV248
FLURY DISPLAY	1144 NE 118TH AVE	425120	Wholesale Trade Agents and Brokers	ADR678
FMR COMMUNICATIONS INC	5242 NE 29TH AVE	511110	Newspaper Publishers	ADQ094
FOOD FAIR MARKET	7134 SE DUKE ST	445120	Convenience Stores	ADT940
FOODBUY LLC	5320 NE 40TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ186
FOOT PRINT DESIGNS	15308 SE GLADSTONE ST	323113	Commercial Screen Printing	ADT509
FORAGER PROJECT LLC	4415 NE 81ST AVE	425120	Wholesale Trade Agents and Brokers	ADQ896
FORGE BUILDING COMPANY LLC	8190 N LOMBARD ST	236220	Commercial and Institutional Building Construction	ADN334
FORKLIFT SERVICES OF OREGON	7001 NE COLUMBIA BLVD	423830	Industrial Machinery and Equipment Merchant Wholesalers	ANB163
FORMULATIONS INTERNATIONAL INC	1315 SE UMATILLA ST APT 305	424690	Other Chemical and Allied Products Merchant Wholesalers	ADU021
FOSTER RIVERA INC	10726 SE DIVISION ST	561730	Landscaping Services	ADW561
FOSTER ROAD CHEVRON	12220 SE FOSTER RD	447110	Gasoline Stations with Convenience Stores	ADW323
FOSTER TREES	7352 SE HENDERSON ST	561730	Landscaping Services	ADW859
FRANCIS ENVIRONMENTAL GROUP LLC	7302 N RICHMOND AVE	236118	Residential Remodelers	ADN335
FRANKS AUTO	5429 N INTERSTATE AVE	447110	Gasoline Stations with Convenience Stores	AAQ262
FRANZ THRIFT STORE/DEPOT	11540 SE FOSTER RD	424490	Other Grocery and Related Products Merchant Wholesalers	APV741
FRANZ THRIFT STORE/DEPOT	14510 SE STARK ST	424490	Other Grocery and Related Products Merchant Wholesalers	ADT145
FREDS CUSTOM CONSTRUCTION & REMODEL	4344 NE JARRETT ST APT J	236118	Residential Remodelers	ADV353
FREETOM PROSTHETICS LLC	6509 SE 137TH AVE	339113	Surgical Appliance and Supplies Manufacturing	ADT733
FREIHEIT LLC	866 SE 138TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADT098
FRESENIUS MEDICAL CARE NORTH AMERIC	5308 NE IRVING ST	425120	Wholesale Trade Agents and Brokers	ADR499

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
FRIENDLY MARKET	6010 NE KILLINGSWORTH ST	447110	Gasoline Stations with Convenience Stores	ADQ264
FROST INTEGRATED PEST MANAGEMENT LL	6860 SE CARLTON ST	561710	Exterminating and Pest Control Services	ADU962
FULL CIRCA INC	4404 NE 16TH AVE	236118	Residential Remodelers	ADQ490
FY EXPRESS INC	16026 SE STARK ST	488510	Freight Transportation Arrangement	ADP006
G & S MARKET	12217 SE FOSTER RD	445120	Convenience Stores	ADT684
G&L JANITORIAL LLC	1032 NE BUFFALO ST	561720	Janitorial Services	ADP389
GAIA HERBS INC	1455 N KILLINGSWORTH ST APT 415	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADP588
GALVAN CONSTRUCTION SERVICES	7316 N WALL AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	AAH115
GANSOS CONSTRUCTION INC	6716 SE 89TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT965
GARDEN CRAFT	5734 NE FAILING ST	561730	Landscaping Services	ADQ877
GARY AND DAVID GENERAL CONTRACTORS	2131 N SCHOFIELD ST	336612	Boat Building	ADN866
GATEWAY BODY SHOP INC	1418 NE 119TH AVE	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADR708
GATEWAY FAST SERV	515 NE 102ND AVE	447110	Gasoline Stations with Convenience Stores	ABJ296
GATEWAY NAILS LLC	1307 NE 102ND AVE	812113	Nail Salons	ANC814
GAYLORD PEST CONTROL	1725 NE 141ST AVE	561710	Exterminating and Pest Control Services	ADR347
GBA EXPRESS INC	17406 SE HARRISON CT	484121	General Freight Trucking, Long-Distance, Truckload	ADS527
GE MOBILE WATER INC	606 NE 78TH AVE	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ADR596
GEAR FC LLC	6324 N VILLARD AVE	425120	Wholesale Trade Agents and Brokers	AAM315
GEARHEAD MOTORWORKS LLC	7055 NE GLISAN ST	811111	General Automotive Repair	ADR535
GENERAL EQUIPMENT CO.	6767 NE COLUMBIA BLVD	423110	Automobile and Other Motor Vehicle Merchant Wholesalers	ANB159
GENERAL STEAMSHIP AGENCIES INC	1500 NE IRVING ST STE 380	488510	Freight Transportation Arrangement	AMZ916
GENNA RATIONS GENERAL CONTRACTING L	6046 SE KNIGHT ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU923
GENUINE BUMPERS OREGON INC	10279 NE SANDY BLVD	441310	Automotive Parts and Accessories Stores	ADQ407
GENUINE GARAGE DOORS LLC	13811 SE KNIGHT ST	236220	Commercial and Institutional Building Construction	ADT721
GENZYME CORPORATION	2933 NE MASON ST	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADQ698
GERBER COLLISION & GLASS	4225 NE CULLY BLVD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADQ812
GER-BROCK & CO.	2225 N KILLINGSWORTH ST	811111	General Automotive Repair	ADP515
GFG MANAGEMENT LLC	5121 NE 25TH AVE	533110	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	ADQ100
GIUSTO FARMS	3518 NE 162ND AVE	111998	All Other Miscellaneous Crop Farming	AMW357
GIVAUDAN FLAVORS CORPORATION	8065 SE 16TH AVE	311942	Spice and Extract Manufacturing	AMQ069
GIVINGTONS ACQUISITION COMPANY LLC	4318 NE 35TH PL	493110	General Warehousing and Storage	ADQ730
GLACIER VALLEY BUILDERS LLC	4625 NE 118TH AVE	236118	Residential Remodelers	ADQ418
GLOBAL HARVEST FOODS LTD	8835 NE TILLAMOOK ST	424490	Other Grocery and Related Products Merchant Wholesalers	ABD763
GLOBAL MAINTENANCE &	5303 SE 99TH AVE	561720	Janitorial Services	ADU707
GLOBAL TRADING RESOURCES INC	5933 NE 80TH AVE	488510	Freight Transportation Arrangement	ADV391
GNH DEVELOPMENT INC	3327 NE 144TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ594
GOLDEN BEE CORP	17437 SE GRANT LN	424490	Other Grocery and Related Products Merchant Wholesalers	ADS522
GOLDEN BRIDGES INC	12847 SE SHERMAN ST	492110	Couriers and Express Delivery Services	ADS331
GONG GLASS INC	7315 N BURRAGE AVE	327212	Other Pressed and Blown Glass and Glassware Manufacturing	ADP188
GOOD IMPRESSIONS PRINTING CO INC	7112 NE EMERSON ST	323111	Commercial Printing (except Screen and Books)	ADQ314
GOWAN SEED COMPANY LLC	3735 NE BRYCE ST	425120	Wholesale Trade Agents and Brokers	ADQ721
GRATEFUL HEADS	5311 SE POWELL BLVD STE 101	315990	Apparel Accessories and Other Apparel Manufacturing	ADU078
GRAYBAR ELECTRIC CO	901 NE 60TH AVE	423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	ADR483
GREEN ARTISANS LLC	5323 SE 47TH AVE	561730	Landscaping Services	ADT557
GREEN CANOPY WHOLESALE LLC	823 N LOMBARD ST	423840	Industrial Supplies Merchant Wholesalers	ADN942

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
GREEN MANAGEMENT SERVICES	17009 SE SALMON ST	561720	Janitorial Services	ADP043
GREEN, BRYAN R., CONSTRUCTION	1336 NE 73RD AVE	236220	Commercial and Institutional Building Construction	ADR549
GREENSTAR SERVICES	8938 N COURTENAY AVE	561720	Janitorial Services	ADN417
GREENWOOD BUILDERS INC	12804 SE COOPER ST	236118	Residential Remodelers	ADT999
GREG LEONARD CONSTRUCTION INC	2433 NE MASON ST	236118	Residential Remodelers	ADQ677
GREYLOCK CONSTRUCTION LLC	6524 NE 36TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP454
GRIME FIGHTER PDX LLC	16124 SE ALDER ST	561720	Janitorial Services	ADP016
GROCERY GETTER	1155 NE 73RD AVE	492210	Local Messengers and Local Delivery	ADR557
GRON CHOCOLATE	5134 SE FOSTER RD	311352	Confectionery Manufacturing from Purchased Chocolate	ADS870
GROW AND MAKE	7202 NE GLISAN ST	339930	Doll, Toy, and Game Manufacturing	ADV720
GUELDER ROSE CONSTRUCTION LLC	6430 SE 128TH AVE APT 15	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT998
H20 & S INC	7757 SE 92ND AVE	221320	Sewage Treatment Facilities	ADV963
HABITAT GARDENS	1533 NE SKIDMORE ST	561730	Landscaping Services	ADQ489
HAIR 4 YOU LLC	7939 SE FOSTER RD	812112	Beauty Salons	ADU607
HAIR CENTRIC	12503 SE DIVISION ST STE B	812112	Beauty Salons	ADS308
HAIR SALON NEW WAVE	8350 SE POWELL BLVD	812112	Beauty Salons	ADT325
Hai's Shell Gas Station	12155 SE FOSTER RD			ADV200
HAI'S SHELL STATION	3515 SE 122ND AVE	447110	Gasoline Stations with Convenience Stores	ADV213
HALA INC	520 NE 122ND AVE	447110	Gasoline Stations with Convenience Stores	ADV694
HALSEY AUTOMOTIVE IMPORT	7721 NE HALSEY ST	441310	Automotive Parts and Accessories Stores	ADR214
HANNAH NAOMI LLC	6624 N BURRAGE AVE	339910	Jewelry and Silverware Manufacturing	ADP185
HANS FOREIGN AUTO LLC	7045 NE GLISAN ST	811111	General Automotive Repair	ADR535
HAPPY FISH RESTORATION LANDSCAPING	3355 NE 74TH AVE	561730	Landscaping Services	AAZ146
HAPPY MOUNTAIN KOMBUCHA LLC	13809 SE DIVISION ST	312120	Breweries	ADS370
HARDWOODS INC	3956 NE 37TH AVE	111998	All Other Miscellaneous Crop Farming	ADQ705
HARLEY-DAVIDSON OF SALT LAKE CITY L	6930 N MISSOURI AVE	441228	Motorcycle, ATV, and All Other Motor Vehicle Dealers	ADP263
HARTMAN STEEL INC.	8310 N BRANDON AVE	425120	Wholesale Trade Agents and Brokers	AMQ469
HAT-TRICK NORTHWEST INC	4316 NE 78TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ894
HAU REMODELING & CONSTRUCTION LLC	1114 SE 174TH AVE	236118	Residential Remodelers	ADU504
HAUL AWAY HAULING	5815 NE 59TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADP891
HAVEN BUILDERS LLC	7205 NE MALLORY AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP348
HAYES BROTHERS LLC	5011 NE ALBERTA CT	236115	New Single-Family Housing Construction (except For-Sale Builders)	AQN333
HAZEL ASPHALT LLC	5311 SE 72ND AVE	237310	Highway, Street, and Bridge Construction	ADT630
HBC FURNITURE DISTRIBUTORS	6038 NE 78TH CT	425120	Wholesale Trade Agents and Brokers	ANB185
HEAVEN HILL BRANDS	8410 SE TAYLOR CT	312130	Wineries	ADS943
HEAVEN HILL DISTILLERIES INC	8709 N DANA AVE	312130	Wineries	ADN451
HECTOR ANTONIO SANTOS	12729 SE BUSH ST	561720	Janitorial Services	ADT445
HEIM BAKERY LLC	7137 NE FREMONT ST	311811	Retail Bakeries	ADN512
HELIOTERRA WINES	5022 SE GLADSTONE ST	312130	Wineries	ACD657
HELIX EDUCATION	4738 SE 61ST AVE	425120	Wholesale Trade Agents and Brokers	ADT606
HELIX LEISURE USA INC	7019 SE BROOKLYN ST	423990	Other Miscellaneous Durable Goods Merchant Wholesalers	ADU115
HELLO TIDY CO LLC	6618 SE 58TH AVE	561720	Janitorial Services	ADT857
HELPING HANDS LIMITED LIABILITY COM	3200 SE 147TH AVE	561720	Janitorial Services	ADS696
HENOK DENBI	8101 N LOMBARD ST	445120	Convenience Stores	ADN328
HERTZ CORP	12136 SE STARK ST	532111	Passenger Car Rental	ADT012
HERTZ CORP	300 SE 122ND AVE	532111	Passenger Car Rental	ADS034

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
HI WHEEL WINE & WEAD CO	6719 NE 18TH AVE	312130	Wineries	ADP421
HIGH COUNTRY NEWS	5026 NE 15TH AVE	511120	Periodical Publishers	ADQ069
HIGHLIGHT AUTO BODY & REPAIR LLC	11109 SE DIVISION ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADS224
HIGHLINE TOOL INC	4034 SE 70TH AVE	332710	Machine Shops	ADT239
HILLS LANDSCAPE MAINTENANCE	3124 NE 75TH AVE	561730	Landscaping Services	ADW098
HK INVESTMENT LLC	2255 SE 122ND AVE	812113	Nail Salons	ADS256
HOAN'S GENERAL CONTRACTING INC	4020 SE 139TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT477
HOLGATE MARKET & DELI	4434 SE 112TH AVE	445120	Convenience Stores	ADT405
HOLLYWOOD NAILS & SPA LLC	526 NE 91ST AVE	812112	Beauty Salons	ADR605
HONEST 1 AUTO CARE	6332 SE 82ND AVE	811111	General Automotive Repair	ADV084
HONEY MAMAS	431 NE ROSA PARKS WAY	311352	Confectionery Manufacturing from Purchased Chocolate	AAK950
HONEYWELL ANALYTICS INC	4325 NE 40TH AVE	423490	Other Professional Equipment and Supplies Merchant Wholesalers	ADQ734
HONG LEE CONSTRUCTION COMPANY LLC	2611 SE 112TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS582
HONGS INC	7421 NE BEECH ST	423440	Other Commercial Equipment Merchant Wholesalers	ADQ937
HOOKSET AUTOMOTIVE INC	7631 NE SANDY BLVD	811111	General Automotive Repair	ADQ922
HOPE TRANSPORT INC	410 NE 160TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADS127
HO'S AUTOMOTIVE INC	8045 NE GLISAN ST	811111	General Automotive Repair	ADR599
HOSANNA HOMES	13241 SE HOLGATE BLVD # B3	236115	New Single-Family Housing Construction (except For-Sale Builders)	ANA589
HOSPITALITY GLASS BRANDS LLC	5626 SE WOODWARD ST	425120	Wholesale Trade Agents and Brokers	ADU064
HOT MAMA SALSA	6508 NE DURHAM AVE	311421	Fruit and Vegetable Canning	AAK969
HOT WINTER HOT SAUCE	5301 NE 16TH AVE	311421	Fruit and Vegetable Canning	ADQ070
HOURLASS WINE CO INC	4604 NE 17TH AVE	312130	Wineries	ADQ076
HOUSE MAGIC INC	4728 NE 31ST AVE	236117	New Housing For-Sale Builders	ADQ114
HOUSEHOLDER MOWING SERVICE LLC	3822 SE 169TH PL	561730	Landscaping Services	ADT540
HOWARD WOMAN	408 SE 79TH AVE	315280	Other Cut and Sew Apparel Manufacturing	ADV724
HSC TRANSPORT SOLUTIONS INC	7218 NE SANDY BLVD	484121	General Freight Trucking, Long-Distance, Truckload	AAZ146
HTOE JANITORIAL LLC	2085 SE 171ST AVE	561720	Janitorial Services	ADS507
HUALI CONSTRUCTION LLC	7554 SE LAMBERT ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV957
HUBCAP WORLD INC	8827 SE DIVISION ST	441310	Automotive Parts and Accessories Stores	ADP104
HUDSON CONSTRUCTION INC	2461 NE 60TH AVE	236118	Residential Remodelers	ADN492
HUF NORTH AMERICA AUTOMOTIVE PARTS	707 NE 76TH AVE	423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers	ADR589
HUMN DESIGN LLC	1400 NE IRVING ST STE 409	339910	Jewelry and Silverware Manufacturing	AMZ916
HUSS LAWN MAINTENANCE INCORPORATED	101 SE 74TH AVE	561730	Landscaping Services	AMP883
HUYNH BA BP CORPORATION	3323 NE KILLINGSWORTH ST	447190	Other Gasoline Stations	ADP851
HYPOTENUSE WORKS! LLC	3826 SE 60TH AVE	236118	Residential Remodelers	ADT181
I & A CLEANING SERVICES INC	3308 SE 160TH AVE	561720	Janitorial Services	ADS776
IDEA AND DESIGN WORKS LLC	4325 SE 102ND AVE	511120	Periodical Publishers	ADW708
IDENTISYS INCORPORATED	8002 N MCKENNA AVE	425120	Wholesale Trade Agents and Brokers	ADN392
IDENTIVE GROUP INC	6344 N DENVER AVE	334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing	ADP519
IDESIGN USA CORP	9415 SE STARK ST STE 300	425120	Wholesale Trade Agents and Brokers	ANA731
ILLUSTRATED PLAYING CARDS INC	1627 NE ALBERTA ST	322299	All Other Converted Paper Product Manufacturing	ADQ073
IMM PUBLICATIONS, INC.	415 N KILLINGSWORTH ST	511110	Newspaper Publishers	ADP650
IMPERIAL CLEANERS	11047 NE GLISAN ST	812320	Drycleaning and Laundry Services (except Coin-Operated)	ADR657
IMPORT REPAIR CENTER INC	2540 N LOMBARD ST	811111	General Automotive Repair	ADP189
IMPORT SERVICE CENTER, INC.	1940 SE 82ND AVE	441110	New Car Dealers	ADP101
INDEPENDENT PET SUPPLY	5685 NE SANDYCREST TER	425120	Wholesale Trade Agents and Brokers	ADR143

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
INDUSTRIAL FINISHES & SYSTEMS, INC.	11744 SE STARK ST	423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers	ADU429
INDUSTRIAL SOURCE	6330 SE 101ST AVE	423840	Industrial Supplies Merchant Wholesalers	ADV118
INDUSTRIAL TIRE RETREADING, INC	7533 NE KILLINGSWORTH ST	326212	Tire Retreading	ADV385
INDUSTRIAL TIRE SERVICE, INC.	7331 NE KILLINGSWORTH ST	441320	Tire Dealers	ADV385
INFINITY COUNTERTOPS	7805 NE HALSEY ST	327991	Cut Stone and Stone Product Manufacturing	ADR214
INFINITY IMAGES INC	5600 NE HASSALO ST	323111	Commercial Printing (except Screen and Books)	ADR483
INHERENTLY HANDY LLC	1901 N KILPATRICK ST	236118	Residential Remodelers	ADN865
IN-MAR SALES, INC.	1522 N AINSWORTH ST	424950	Paint, Varnish, and Supplies Merchant Wholesalers	ADP535
INMARSAT SOLUTIONS UI INC	6364 NE CLEVELAND AVE	237130	Power and Communication Line and Related Structures Construction	ADP621
INNERFACE ARCHITECTURAL SIGNAGE INC	16901 SE HAIG ST	423990	Other Miscellaneous Durable Goods Merchant Wholesalers	ADS816
INSTITUTIONAL INVESTOR LLC	2126 NE 130TH AVE	511120	Periodical Publishers	ADV572
INTEGRA CONSTRUCTION INC	39 SE 127TH AVE APT 3	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV807
INTEGRITY AUTO INC	539 SE 122ND AVE	811111	General Automotive Repair	ADT012
INTERNATIONAL COLLISION REPAIR LLC	9817 E BURNSIDE ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADR869
INTERSTATE ARCO	6508 N INTERSTATE AVE	447110	Gasoline Stations with Convenience Stores	ADP285
INTERSTATE WOOD PRODUCTS INC	11940 NE HOLMAN ST	484121	General Freight Trucking, Long-Distance, Truckload	ADP771
INTIBOX	9279 SE HAWTHORNE BLVD	493110	General Warehousing and Storage	ADS979
INTUITIVE SURGICAL OPERATIONS INC	4725 NE CAMPAIGN ST	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADQ762
INVEST RIGHT INCORPORATED	555 SE 99TH AVE STE 103	425120	Wholesale Trade Agents and Brokers	ADU384
IQ CONSTRUCTION & REMODELING LLC	11447 SE SHERMAN CT	236118	Residential Remodelers	ADS262
IRDETO USA INC	5518 NE 13TH AVE	425120	Wholesale Trade Agents and Brokers	ADP701
IRONCLAD CONSTRUCTION INC	15215 NE GLISAN ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR811
ISOMORPHIC SOFTWARE	6417 SE 15TH AVE	425120	Wholesale Trade Agents and Brokers	AMQ107
ISS RESEARCH LLC	4638 NE FAILING ST	425120	Wholesale Trade Agents and Brokers	ADQ771
ITALY TRANSPORT INC	1801 NE 162ND AVE APT 11	484121	General Freight Trucking, Long-Distance, Truckload	ABE926
ITEK SERVICES INC	1327 SE LINN ST	425120	Wholesale Trade Agents and Brokers	ADU209
ITIYA EXPRESS MED TRANS LTD	6506 SE 57TH AVE	485991	Special Needs Transportation	ADT831
ITUUS USA INC	7419 SE 52ND AVE	488510	Freight Transportation Arrangement	ADT774
IVICA BAGARIC	3340 SE 118TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADS599
J & L STRONG CONSTRUCTION AND	2211 SE 159TH AVE	236118	Residential Remodelers	AMZ735
J & L TRANSMISSIONS INC	8228 SE TAYLOR ST	811113	Automotive Transmission Repair	ADS958
J & M SANDBLASTING LLC	3627 NE 63RD AVE	332813	Electroplating, Plating, Polishing, Anodizing, and Coloring	ADN559
J & N TRUCKING INC	6575 NE GRAND AVE	484121	General Freight Trucking, Long-Distance, Truckload	AAK950
J & S AUTOMOTIVE REPAIR INC	8804 SE STARK ST	811111	General Automotive Repair	ADS949
J CRAFT LLC	1235 NE 75TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR551
J LEAHY CONSTRUCTION INC	5215 SE 78TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU598
J S A INC	12043 SE STARK ST	492210	Local Messengers and Local Delivery	ADR972
J&S CAR WASH SALES & SERVICE LLC	9636 SE REEDWAY ST	811192	Car Washes	ACP637
JACKSON CONTRACTING LLC	3722 NE GOING ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ184
JACKSONS FOOD STORES	10131 NE SANDY BLVD	447110	Gasoline Stations with Convenience Stores	AAS386
JACKSONS FOOD STORES	2450 SE 122ND AVE	447110	Gasoline Stations with Convenience Stores	ADS321
JACKSONS FOOD STORES	515 NE 82ND AVE	447110	Gasoline Stations with Convenience Stores	AMP798
JACKSONS FOOD STORES	5524 SE 82ND AVE	447110	Gasoline Stations with Convenience Stores	AMZ941
JACKSONS FOOD STORES	5829 NE MARTIN LUTHER KING BLVD	447110	Gasoline Stations with Convenience Stores	ADP607
JAMALS AMPM	1511 NE 102ND AVE	447110	Gasoline Stations with Convenience Stores	ANA737
JAMES FRANK CONSTRUCTION INC	8028 NE GLISAN ST STE C	236115	New Single-Family Housing Construction (except For-Sale Builders)	AMP944

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
JAMIE LONG INC	3445 NE 77TH AVE	812112	Beauty Salons	ADN582
JANI KING 175	7307 SE 78TH AVE	561720	Janitorial Services	ADT906
JAPANESE AUTO SALES INC	4721 SE 82ND AVE	441120	Used Car Dealers	ADU602
JAZZ CARZ LLC	14761 SE STARK ST	441120	Used Car Dealers	ADS096
JAZZ PHARMACEUTICALS INC	4606 SE TOLMAN ST	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADU836
JB EXPRESS DELIVERY	3535 NE SIMPSON ST	492110	Couriers and Express Delivery Services	ADP861
JB MEDICAL TRANSPORTATION LLC.	2624 SE 85TH AVE	485991	Special Needs Transportation	ADU171
JB RETAIL LLC	5103 NE FREMONT ST	111419	Other Food Crops Grown Under Cover	ADQ814
JC RICE NOODLE SHOP AND RESTAURANT	8405 SE FOSTER RD	424420	Packaged Frozen Food Merchant Wholesalers	ADV067
JCM CLEANING SERVICES LLC	8220 SE 72ND AVE	561720	Janitorial Services	ADV948
JE GLAZE CONSTRUCTION LLC	2029 NE 128TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV576
JEFFREY T PULLIAM CONSTRUCTION	1610 NE 144TH AVE	236118	Residential Remodelers	ADR390
JESUS RESURRECTION LANDSCAPING SERV	12310 SE LINCOLN ST	561730	Landscaping Services	ADW450
JIFFY LUBE	11110 NE WEIDLER ST	811191	Automotive Oil Change and Lubrication Shops	ADR265
JIFFY LUBE	14305 SE DIVISION ST	811191	Automotive Oil Change and Lubrication Shops	ADS388
JIFFY LUBE	9132 SE POWELL BLVD	811191	Automotive Oil Change and Lubrication Shops	ACE291
JIFFY LUBE	10227 NE HALSEY ST	811191	Automotive Oil Change and Lubrication Shops	ABE082
JIM DUNCAN CONSTRUCTION LLC	2256 SE 130TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS331
JL CONSTRUCTION LLC	3225 SE 153RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS743
JN MAINTENANCE LLC	15521 NE ALTON ST	561720	Janitorial Services	ADR046
JNT DESIGN & BUILD LLC	7219 N TYLER AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADN335
JOEL COOMBS GENERAL CONTRACTOR INC	12429 NE MULTNOMAH ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR735
JOE'S TRIM WORK INC	7915 N HODGE AVE	236118	Residential Remodelers	ADN712
JOHN BOLINES GATEWAY AUTO CENTER IN	13018 SE STARK ST	811111	General Automotive Repair	ADT057
JOHN GALOFTEANU LLC	6342 SE 62ND AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADU894
JOHN TIRABASSO INTERIORS LLC	8124 N EMERALD AVE	236118	Residential Remodelers	ADN805
JOHNNY ON THE SPOT TREE SERVICE	8608 N SEWARD AVE	561730	Landscaping Services	ADN470
JOINERY HOLDING COMPANY	4804 SE WOODSTOCK BLVD	337122	Nonupholstered Wood Household Furniture Manufacturing	ADU817
JOLINAZ PDX MOTORZ LLC	16017 SE DIVISION ST	441120	Used Car Dealers	ADS444
JORGE GARCIA-BARRERA	2838 N ARGYLE ST	561730	Landscaping Services	ADN626
JOSH H MEILLER WOODWORKING LLC	136 SE 139TH AVE	321999	All Other Miscellaneous Wood Product Manufacturing	ADV840
JOY ENTERPRISES, INC.	3536 NE 51ST AVE	811111	General Automotive Repair	ADQ814
JOY TRANSPORTATION, INC	3909 NE 135TH AVE	485991	Special Needs Transportation	ADW061
JP EQUIPMENT INC	6931 NE CLEVELAND AVE	425120	Wholesale Trade Agents and Brokers	ADP345
JP TECH INC	6231 SE FLAVEL ST	425120	Wholesale Trade Agents and Brokers	ADT900
JR SALES & DISTRIBUTION INC	6722 NE COLUMBIA BLVD	423510	Metal Service Centers and Other Metal Merchant Wholesalers	ANB157
JT HOME DELIVERY INCORPORATED	12815 SE MILL CT	484121	General Freight Trucking, Long-Distance, Truckload	ADT075
JT SERVICES CORPORATION	10934 NE WYGANT ST APT 2	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ413
JUANES LANDSCAPE	6611 SE 97TH AVE	561730	Landscaping Services	AMX431
JUNE LIFE INC	1023 SE LAMBERT ST	423620	Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers	ADT757
JUNK A WAY HAULING INC	14015 SE STARK ST	562111	Solid Waste Collection	ADS066
JUNK IT JUNK REMOVAL LLC	4618 NE 86TH AVE	561790	Other Services to Buildings and Dwellings	ADQ374
JUPITER SERVICES LLC	1734 NE 56TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR166
JUSON DENTAL OF OREGON INC	11699 NE GLISAN ST	339116	Dental Laboratories	ADR704
JUST THE 2 OF US JANITORIAL INC	5916 SE FLAVEL ST	561720	Janitorial Services	ADV870
K BARRIER LLC	1807 NE 50TH AVE	237310	Highway, Street, and Bridge Construction	ADQ630

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K&M Auto Service	1561 SE 122ND AVE			ADT024
KALBERER FRAME AND LINE UP	9975 SE WOODSTOCK CT	811118	Other Automotive Mechanical and Electrical Repair and Maintenance	ADV170
KARKI LLC	16150 SE STARK ST	447110	Gasoline Stations with Convenience Stores	ANA245
KARMA BUNNY SALON	8015 SE 13TH AVE	812112	Beauty Salons	ADU051
KAT TRUCKING INC	15318 NE HALSEY ST	484121	General Freight Trucking, Long-Distance, Truckload	ABE820
KB CABINETS	6454 SE 77TH AVE	337110	Wood Kitchen Cabinet and Countertop Manufacturing	ADV043
KBJ CUTTERS	10090 SE WASHINGTON ST. SUITE 115	812112	Beauty Salons	ADU398
KDE CUSTOM WOODWORKING & REMODELIN	8050 SE 60TH AVE	236118	Residential Remodelers	ADV865
KDJ CABINET DESIGN	9115 NE HOYT ST	236118	Residential Remodelers	ADR605
KEEP IT CLEAN INC	11211 NE WEIDLER #137	561720	Janitorial Services	ADR331
KEEPER SPORTS PRODUCTS LLC	2202 NE 80TH AVE	423910	Sporting and Recreational Goods and Supplies Merchant Wholesalers	ABD648
KEITH MOSKOWITZ GOLF SALES LLC COMP	1905 NE 65TH AVE	423910	Sporting and Recreational Goods and Supplies Merchant Wholesalers	ADR187
KEMPER BAKERY SYSTEMS LTD	6624 N MISSISSIPPI AVE	425120	Wholesale Trade Agents and Brokers	ADP270
KEMTROL INC	4306 SE ELLIS ST	221310	Water Supply and Irrigation Systems	ADU847
KEN VAN DAMMES AUTOMOTIVE INC	6143 NE SANDY BLVD	811111	General Automotive Repair	ADN481
KENTON CYCLE REPAIR LLC	2020 N MCCLELLAN ST	811490	Other Personal and Household Goods Repair and Maintenance	AMQ469
KERRY CONSTRUCTION INC	1523 SE LEXINGTON ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	AMQ061
KEVIA LLC	3915 NE 15TH AVE	423940	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers	ADQ635
KHANH AUTO REPAIR CORPORATION	8303 NE BROADWAY ST	811111	General Automotive Repair	ADR227
KIDFOCUS	5116 NE 87TH AVE # B	423920	Toy and Hobby Goods and Supplies Merchant Wholesalers	ADQ380
KIDS CASTLE CUTS	6000 SE 41ST AVE	812111	Barber Shops	ADU857
KIM SON BEAUTY SUPPLY LLC	9105 NE SANDY BLVD	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADQ362
KINDHART CONSTRUCTION LLC	11534 SE ALDER ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT038
KINGS BAKERY CO	2346 SE 82ND AVE	311811	Retail Bakeries	ADP099
KINGSBURY INC	1310 SE HARNEY ST	423710	Hardware Merchant Wholesalers	ADU026
KIRST ENGINEERING CO INC	8408 SE 60TH AVE	425120	Wholesale Trade Agents and Brokers	ADV874
KLAUSNER TRADING USA INC	2034 NE 56TH AVE	425120	Wholesale Trade Agents and Brokers	ADR162
KNECHTS-SPRINGFIELD INC	7515 N MISSISSIPPI AVE	441310	Automotive Parts and Accessories Stores	ADN941
KNOLL INC	4008 NE 26TH AVE	423420	Office Equipment Merchant Wholesalers	ADQ667
KOENIG & ASSOCIATES INC	4345 NE FAILING ST	425120	Wholesale Trade Agents and Brokers	ADQ771
KORIC TRANSPORT INC	5504 SE 52ND AVE	484110	General Freight Trucking, Local	ADU896
KORI'S CLEANING	9908 NE WYGANT ST	561720	Janitorial Services	ADQ399
KRM CONSTRUCTION LLC	1737 SE 106TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS230
KROPF CONSTRUCTION WEST LLC	6025 N WILBUR AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP457
KRUCCO INC	10942 NE SANDY BLVD	811111	General Automotive Repair	ADQ414
KULCHIN CONDON & ASSOCIATES INC	1239 NE 92ND AVE	237310	Highway, Street, and Bridge Construction	ADV499
L & B PROPERTY PRESERVATION SERVICE	5604 NE 11TH AVE	561720	Janitorial Services	ADP693
L & K TRUCKING LLC	3324 SE 175TH PL	484220	Specialized Freight (except Used Goods) Trucking, Local	ADW674
L AND A CONSTRUCTION LLC	2321 NE 111TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR276
L BELLIS INC	9226 N CALHOUN AVE	812112	Beauty Salons	ADN285
L&B EXPRESS INC	5325 NE 73RD AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADQ358
LA MINITA CORP	5011 NE 35TH PL	424490	Other Grocery and Related Products Merchant Wholesalers	ADQ167
LA NAIL & HAIR STYLE	12300 SE POWELL BLVD	812112	Beauty Salons	ADV238
LA NUEVAS ESTRELLA LLC	14919 SE STARK ST STE 103	485999	All Other Transit and Ground Passenger Transportation	ADS093
LA RAZOR BARBER SHOP LLC	2520 SE 145TH AVE STE D	812111	Barber Shops	ADS701
LAFLEUR NAILS & SPA	8514 NE BROADWAY ST	812113	Nail Salons	ADR226

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LAKE OSWEGO AIRPORTER	12441 NE MORRIS ST	485999	All Other Transit and Ground Passenger Transportation	ADQ557
LANVIN FRENCH BAKERY LLC	8211 NE BRAZEE ST	311811	Retail Bakeries	ADR216
LASH CLUB LLC	8022 N CENTRAL ST	812112	Beauty Salons	AAE930
LAVANG FOOD & DELI MART	15003 SE POWELL BLVD	445120	Convenience Stores	ADT483
LAWN SPECIALTIES	2919 SE 111TH AVE	561730	Landscaping Services	ADW580
LBC MUNDIAL CORPORATION	8028 SE POWELL BLVD STE 106	492210	Local Messengers and Local Delivery	ADT314
LEATHERS ENTERPRISES INC	16331 SE POWELL BLVD	447110	Gasoline Stations with Convenience Stores	ADT524
Leathers Fuels	11421 SE POWELL BLVD			ANB302
LEE AUTOMOTIVE	7210 SE FLAVEL ST	811111	General Automotive Repair	ADV946
LEE SPRING COMPANY LLC	7016 N WILLIAMS AVE	332613	Spring Manufacturing	ADP294
LEFT COAST BICYCLES	826 NE ROSELAWN ST	811490	Other Personal and Household Goods Repair and Maintenance	ADP982
LEIF GOODS INC	4834 N INTERSTATE AVE	311352	Confectionery Manufacturing from Purchased Chocolate	ADP929
LEMUS CONSTRUCTION LLC	3530 NE LOMBARD CT	236115	New Single-Family Housing Construction (except For-Sale Builders)	ANS695
LES SCHWAB TIRE CENTER	2410 SE 122ND AVE	441320	Tire Dealers	ADS321
LES SCHWAB TIRE CENTER	5510 N LOMBARD ST	441320	Tire Dealers	ADN663
LES SCHWAB TIRE CENTER	7304 SE 82ND AVE	441320	Tire Dealers	ADT968
LES SCHWAB TIRE CENTER	2010 NE 82ND AVE	441320	Tire Dealers	ABD702
LES SCHWAB TIRE CENTER	16650 SE DIVISION ST	441320	Tire Dealers	ADS821
LIFTING GEAR HIRE CORP	3607 NE ALAMEDA	425120	Wholesale Trade Agents and Brokers	ADQ758
LINAK U S INC	1119 NE EMERSON ST	423830	Industrial Machinery and Equipment Merchant Wholesalers	ADP996
LITTE RED PRESS	8124 N DENVER AVE	323113	Commercial Screen Printing	ADN867
LITTLE CANAL GUTTERS LLC	17113 SE FRANCIS ST	561790	Other Services to Buildings and Dwellings	ADT538
LIU'S REMODEL INC	2600 SE 112TH AVE APT 14	236118	Residential Remodelers	ADS620
LIVIN SPOONFUL	13944 SE MALL ST	311821	Cookie and Cracker Manufacturing	AMR610
LIVING ELEMENTS LANDSCAPE LLC	7909 NE CLACKAMAS ST	561730	Landscaping Services	ADR556
LIVING FROM NATURE LABORATORIES	13617 SE DIVISION ST APT 101	325199	All Other Basic Organic Chemical Manufacturing	ADS653
LKQ FOSTER AUTOPARTS	10355 SE FOSTER RD	423140	Motor Vehicle Parts (Used) Merchant Wholesalers	ADW302
LOADS TO GO	2629 SE 166TH AVE	488510	Freight Transportation Arrangement	ADS821
LOCKOUTS USA LLC	4537 NE CESAR E CHAVEZ BLVD	811111	General Automotive Repair	ADQ185
LOMBARD & FORTUNE MINI MART	6221 N LOMBARD ST	445120	Convenience Stores	ADN383
LOMBARD STATION	2001 N LOMBARD ST	447190	Other Gasoline Stations	ADN891
LONGHOUSE CONSTRUCTION INC	1334 SE 159TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP007
LOPEZ & SONS LLC	6821 SE 112TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	AQU496
LOPEZ LANDSCAPE & MAINTENANCE LLC	16221 SE TIBBETTS ST	561730	Landscaping Services	ADS805
LORAX GENERAL CONTRACTING LLC	4046 NE 11TH AVE	236118	Residential Remodelers	ADQ444
LOVELY TIRE & WHEEL	1430 SE 82ND AVE	441320	Tire Dealers	ADS947
LP DESIGN LLC	15655 NE HALSEY ST	337212	Custom Architectural Woodwork and Millwork Manufacturing	ADR411
LS MANUFACTURING INC	5924 SE 42ND AVE	332322	Sheet Metal Work Manufacturing	ADU867
LSB ENTERPRISES CORPORATION	5553 NE SUMNER ST	213112	Support Activities for Oil and Gas Operations	ADQ258
LUCA CONSTRUCTION INC	4814 NE 20TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ054
LUPITAS MAID TO PERFECTION LLC	8733 N DANA AVE	561720	Janitorial Services	ANT892
M & H LAND MAINTENANCE	8132-B SE COOPER ST	561730	Landscaping Services	ADT928
M & J TRANSPORT INC	8605 N DWIGHT AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADN444
M & K AUTO REPAIR LLC	5130 SE 75TH AVE	811111	General Automotive Repair	ADU600
M&J COOKE CONSTRUCTION	6347 SE 91ST AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV097
MAARE TECH INC	13257 NE FREMONT ST	334290	Other Communications Equipment Manufacturing	ADW066

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
MAC DELIVERIES AND TRANSPORT LLC	4930 SE 122ND AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADU725
MAC TRANSPORTATION LLC	12105 SE HOLGATE BLVD	484121	General Freight Trucking, Long-Distance, Truckload	ADT410
MAC-BO LLC	3571 NE SIMPSON ST	236118	Residential Remodelers	ADP862
MACKIN'S NORTH PORTLAND AUTO BODY	8026 N DENVER AVE	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADN871
MADDOCKS CLEANING SERVICES LLC	3242 SE 92ND AVE APT 96	561720	Janitorial Services	ADS566
MADISON INC	4403 NE 33RD AVENUE	237990	Other Heavy and Civil Engineering Construction	ADQ652
MAHLE AFTERMARKET INC	2805 NE 62ND AVE	423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers	ADN487
MAID ORGANIC CLEANING SERVICE INC	75 NE BRYANT ST	561720	Janitorial Services	ADP341
MAKE WAVES LLC	3733 NE 78TH AVE	339930	Doll, Toy, and Game Manufacturing	ADQ931
MANX DESIGN BUILD LLC	4527 NE SUMNER ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ219
MAPCO	3111 SE 64TH AVE	423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	ADU094
MARC R HARDING CONSTRUCTION INC	1907 NE 119TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR319
MARCIAL AND SONS LLC	10919 NE BROADWAY ST	561720	Janitorial Services	ADR284
MARIA'S CLEANING & FLOOR COVERING I	2216 SE 120TH AVE	561720	Janitorial Services	ADS255
MARINE ACQUISITION (US) INC	6830 NE ROSELAWN ST	423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	ADQ312
MARINE SUPPLIES & SERVICES LLC	42 NE 160TH AVE APT 11	561720	Janitorial Services	ANB279
MARK GAYLORD CONSTRUCTION	16811 SE STEPHENS ST	236220	Commercial and Institutional Building Construction	ADS511
MARK IV ENTERPRISES	10310 NE SKIDMORE ST	561790	Other Services to Buildings and Dwellings	ADW032
MARK MOFFAT	5404 SE 105TH AVE	561730	Landscaping Services	ADW222
MARK PLUIJMEN GENERAL CONTRACTOR LL	15414 SE TAGGART ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS749
MARK WEBER COMPANY	4536 NE SKIDMORE ST	236118	Residential Remodelers	ADQ787
MARKET EXPRESS	10125 NE GLISAN ST	445120	Convenience Stores	ADR887
MARKS CONSTRUCTION CO & REMODELING	2627 NE 144TH AVE	236118	Residential Remodelers	ADW213
MARS CARGO INC	3934 NE M L KING BLVD STE 202	323113	Commercial Screen Printing	AAT148
MARSHALLS HAUTE SAUCE LLC	4503 SE 67TH AVE	311421	Fruit and Vegetable Canning	ADT643
MASTER MOVERS MOVING & STORAGE	4426 SE 122ND AVE	484210	Used Household and Office Goods Moving	ADT423
MASTER MUFFLER INC	6027 N LOMBARD ST	811112	Automotive Exhaust System Repair	ADN408
MATHEWS FAMILY CONSTRUCTION LLC	8721 NE THOMPSON ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV489
MAXAM MAGNATA INC	2455 NE 59TH AVE	423940	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers	ADR146
MAXIMO SANCHEZ INC	4321 NE 37TH AVE	561730	Landscaping Services	ADQ749
MAYAR INC	9808 SE DIVISION ST	447110	Gasoline Stations with Convenience Stores	ADW544
MAYAS CONSTRUCTION LLC	5519 NE 62ND AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV383
MAYS CLEANING SERVICE LLC	7151 N DENVER AVE	561730	Landscaping Services	ADP215
MC ENTERPRISE LANDSCAPE SERVICES LL	6936 SE 71ST AVE	561730	Landscaping Services	ADT879
MC LASER LABS	4525 NE 34TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ180
MCCOLLUM INC	7510 SE FOSTER RD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADU612
MCDONOUGH DISTRIBUTING INC	5325 NE MASON ST	424490	Other Grocery and Related Products Merchant Wholesalers	ADQ814
MCFADIN DESIGN BUILD	2112 NE WYGANT ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ059
MCIR DELIVERY LLC	15822 NE SANDY BLVD APT 15	492210	Local Messengers and Local Delivery	ABA321
MCKENZIE RV'S LLC	10905 SE POWELL BLVD	441210	Recreational Vehicle Dealers	AMZ489
MCKINLEY MOBILE INC	7345 SE BROOKLYN ST	811111	General Automotive Repair	ADU147
MCTAVISH SHORTBREAD LLC	10234 NE GLISAN ST	311821	Cookie and Cracker Manufacturing	ADR933
MED-EL CORPORATION	754 NE 151ST ST	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADR831
MEDTRONIC PS MEDICAL INC	4909 NE 10TH AVE	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADQ020
MEGA MEDICAL TRANSPORTATION LLC	123 NE 140TH AVE	485991	Special Needs Transportation	ADV833
MEI JING CONSTRUCTION INC	8105 SE POWELL BLVD	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU161

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
MEI SUM BAKERY INC	8001 SE POWELL BLVD STE N	311811	Retail Bakeries	ADU155
MEI ANNA BAKERY INC	2850 SE 82ND AVE UNIT 27	311811	Retail Bakeries	ADS545
MEINEKE	3635 SE 82ND AVE	811111	General Automotive Repair	ADT313
MELVIN BREWING COMPANY LLC	5405 NE 10TH AVE APT 7	312120	Breweries	ADP987
ME'RAE'S INC	5852 NE 42ND AVE	812112	Beauty Salons	ADP872
MERCHANT DU VIN CORPORATION	7524 SE 13TH AVE	425120	Wholesale Trade Agents and Brokers	AMQ126
MERSEN USA BN CORP	7606 N KERBY AVE	334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	ADN944
MERSEN USA PTT CORP	6333 N BOWDOIN ST	334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	ADN379
MERZ NORTH AMERICA INC	1333 SE MILLER ST	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADU044
METALFABTEK LLC	11330 SE WOODWARD ST	337124	Metal Household Furniture Manufacturing	ADS624
METALWOOD SALVAGE LLC	4311 NE PRESCOTT ST	423930	Recyclable Material Merchant Wholesalers	ADQ202
METRO CLEANING SERVICES LLC	4289 NE PRESCOTT ST	561720	Janitorial Services	ADQ202
METROPOLITAN STEAM CLEANING	8634 NE SANDY BLVD	561720	Janitorial Services	ADQ956
MICHAEL BARRON MOVING LLC	341 NE 108TH PL	484210	Used Household and Office Goods Moving	ADR907
MICHAEL BRUNO CONSTRUCTION INC	2547 NE 50TH AVE	236118	Residential Remodelers	AQY193
MICHAEL MAYER CONSTRUCTION	1104 NE 53RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR501
MICHAEL NORTHRUP CONSTRUCTION	3415 NE 23RD AVE	236118	Residential Remodelers	ADR071
MICK MILLER CONSTRUCTION LLC	6928 NE ALBERTA ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ANA875
MICKEY'S AUTOMOTIVE INC	6115 NE HOLLADAY ST	811111	General Automotive Repair	ADR484
MICROSYSTEMS	11720 SE ALDER ST	425120	Wholesale Trade Agents and Brokers	ADT014
MICROVISION INC	3211 SE 71ST AVE	425120	Wholesale Trade Agents and Brokers	ABZ968
MID COUNTY MEMO PUBLISHING INC	3510 NE 134TH AVE	511110	Newspaper Publishers	ADW066
MIDAS MUFFLER SHOPS	11750 NE HALSEY ST	811112	Automotive Exhaust System Repair	ADR707
MIKE HAMILTON CONSTRUCTION	3741 SE 134TH AVE	236118	Residential Remodelers	ANB019
MIKE OHARA SERVICE INC	5020 NE CULLY BLVD	811111	General Automotive Repair	ADQ297
MIKE'S PRUNING AND TREE CARE LLC	2844 SE 109TH AVE	561730	Landscaping Services	ADS590
MILA MINI MART	5708 SE 136TH AVE	445120	Convenience Stores	ADT722
MINH BUI	7530 NE GLISAN ST	425120	Wholesale Trade Agents and Brokers	AMP865
MINOUX INC	5607 NE WYGANT ST	339910	Jewelry and Silverware Manufacturing	ADQ285
MINUTEMAN PRESS GATEWAY	11404 NE HALSEY ST	323111	Commercial Printing (except Screen and Books)	ADR714
MIRAS FRESH GARDENS LLC	5630 SE PARDEE ST	561730	Landscaping Services	ADT597
MISONIX INC	7531 SE 42ND AVE	334510	Electromedical and Electrotherapeutic Apparatus Manufacturing	ADV844
MISS ZUMSTEIN CAKES & DESSERTS LLC	5027 NE 42ND AVE	424490	Other Grocery and Related Products Merchant Wholesalers	AAR490
MISUMI USA INC	6359 NE 32ND AVE	425120	Wholesale Trade Agents and Brokers	ADP801
MJ GENERAL CONTRACTOR LLC	6603 SE 71ST AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT885
MJ ST ONGE DISTRIBUTING	3738 SE 101ST AVE	424450	Confectionery Merchant Wholesalers	ADT366
MJK CONSTRUCTION LLC	1020 SE 169TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP043
ML INDUSTRIAL INC	2604 SE 118TH AVE	425120	Wholesale Trade Agents and Brokers	ADS597
MOBILE	4445 NE CULLY BLVD	447110	Gasoline Stations with Convenience Stores	ADQ800
MOBILE MIX INC	11918 SE DIVISION ST # 401	327320	Ready-Mix Concrete Manufacturing	ADW622
MOCKCREST GROCERY	3715 N LOMBARD ST	445120	Convenience Stores	AMP314
MODERN NORTHWEST INC	8101 NE GLISAN ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR599
MODERN ORGANIC CONSTRUCTION	4212 NE SUMNER ST	236118	Residential Remodelers	AAR490
MOJAVE ROY CONSTRUCTION	8923 SE TAYLOR ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ABS379
MOJOS TRANSPORTATION INC	9327 N WOOLSEY AVE	485991	Special Needs Transportation	ANT767
MOLDEX-METRIC INC	5310 SE FRANCIS ST	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADT183

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MOLE ACE LTD	12444 SE LINCOLN CT	561730	Landscaping Services	ADS306
MOLE CONSTRUCTION LLC	10152 SE HOLGATE BLVD	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV301
MONDELEZ GLOBAL LLC	100 N E COLUMBIA BLVD	424490	Other Grocery and Related Products Merchant Wholesalers	AAJ188
MONTAVILLA BREW WORKS	7805 SE STARK ST	312120	Breweries	AMP917
MONTERREY IRRIGATION SERVICES LLC	4715 SE 94TH AVE	221310	Water Supply and Irrigation Systems	ADU704
MOREHOUSE BARBERS LLC	7911 N LOMBARD ST	812111	Barber Shops	ADN332
MORENOS CONSTRUCTION LLC	14130 SE STARK ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT113
MORGAN & SONS	3530 NE ALBERTA CT	561720	Janitorial Services	ADQ172
MORNING STAR CLEANING INC	1122 NE 122ND AVE STE A205	561720	Janitorial Services	ADR731
MORRISON BILL CO INC	12227 SE STARK ST	811212	Computer and Office Machine Repair and Maintenance	ADS034
MOSCOW NIGHTS INC	13507 SE DIVISION ST	445120	Convenience Stores	ADS345
MR KIMS AUTO REPAIR LLC	7510 NE GLISAN ST	811111	General Automotive Repair	AMP865
MSW REMODELING LLC	6624 SE 86TH AVE	236118	Residential Remodelers	ADT986
MUDTOWN CLEANING LLC	3011 N ARLINGTON PL	561720	Janitorial Services	ADN798
MUNICH MOTORWORKS INC	4506 SE HOLGATE BLVD	811111	General Automotive Repair	AMP198
MUNNELL & SHERRILL, INC.	1163 NE 63RD AVE	423840	Industrial Supplies Merchant Wholesalers	ADR508
MURATA POWER SOLUTIONS	5855 NE 31ST AVE.	425120	Wholesale Trade Agents and Brokers	ADP823
MUSA CLEANING SERVICES	15557 E BURNSIDE ST	561720	Janitorial Services	ANB208
MUSCLE AND STRENGTH LLC	2031 N WATTS ST APT 4	425120	Wholesale Trade Agents and Brokers	ADN871
MY CHAUFFER TRANSPORTATION CO	705 NE 91ST AVE	485320	Limousine Service	ADV646
MY LIYU RESIDENTIAL SERVICES LLC	13040 SE ALDER ST	561720	Janitorial Services	ADT064
N W CUSTOM CONTRACTORS INC	2914 NE 66TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADN536
NAIL GARDEN	4548 SE 86TH CT	812113	Nail Salons	ADU634
NAPA AUTO PARTS	12409 SE DIVISION ST	441310	Automotive Parts and Accessories Stores	ADS308
NATIVE FOOTWEAR CORP	3325 NE 51ST AVE	424340	Footwear Merchant Wholesalers	ADR113
NATURAL NAILS AND HEIGHTS SPA LLC	740 NE KILLINGSWORTH ST	812113	Nail Salons	ADP976
NEIGHBORS MARKET	9061 NE SANDY BLVD	445120	Convenience Stores	ADQ384
NEIL KELLY CO INC	804 N ALBERTA ST	236118	Residential Remodelers	ADP932
NELSON TRUCK EQ CO INC	6309 NE COLUMBIA BLVD	425120	Wholesale Trade Agents and Brokers	AQF030
NEST DESIGN & CONSTRUCTION INC	7611 NE FREMONT ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ924
NETBASE SOLUTIONS INC	5254 N WILLIAMS AVE APT 1	425120	Wholesale Trade Agents and Brokers	ADP940
NETWORK INTEGRITY SYSTEMS INC	4412 NE 30TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ686
NEVERWINTER NORTHWEST LLC	4230 NE SUMNER ST	111998	All Other Miscellaneous Crop Farming	ADQ217
NEW AGE TRANSPORTATION INC	12003 SE MILL CT	484121	General Freight Trucking, Long-Distance, Truckload	ADS293
NEW DIMENSIONS	5217 SE MALDEN ST	311412	Frozen Specialty Food Manufacturing	ADV848
NEW DRAGON REMODEL INC	2528 SE 87TH AVE	236118	Residential Remodelers	ADU171
NEW LOOK SALON LLC	14810 SE POWELL BLVD	812112	Beauty Salons	ADT483
NEW ONE LLC	3632 SE 88TH AVE APT C	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT357
NEW ROSE CITY CAB COMPANY	1533 NE ALBERTA ST	485310	Taxi Service	ADQ048
NEW SPOTLIGHT INC	8431 SE BROOKLYN ST	236118	Residential Remodelers	ADS543
NEW START JANITORIAL SERVICE LLC	357 NE 157TH AVE	561720	Janitorial Services	ANL357
NEW YORK NAILS	5270 N LOMBARD ST	812113	Nail Salons	AAH273
NEWSOLA, INC.	4830 SE GLADSTONE ST	511110	Newspaper Publishers	ADS879
NEYDA'S LANDSCAPE MAINTENANCE LLC	11911 SE DIVISION ST UNIT 23	561730	Landscaping Services	ADS253
NGAIH LAM SOLE MBR	16010 SE MILL ST	311991	Perishable Prepared Food Manufacturing	ADS476
NGUYEN VO CORPORATION	9623 SE HOLGATE BLVD	236118	Residential Remodelers	ADT386

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NICKS ARCO	9220 SE HOLGATE BLVD	447110	Gasoline Stations with Convenience Stores	ADU704
NICU PRO TRUCKING INC	2403 SE 92ND AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADS163
NOBLE TREE AND LANDCARE LLC	8015 N EXETER AVE	561730	Landscaping Services	ADN433
NOLL NORWESCO LLC	38 SE 97TH AVE	332322	Sheet Metal Work Manufacturing	ADR865
NORKOL INC	6726 N OATMAN AVE	425120	Wholesale Trade Agents and Brokers	ADP160
NORTH WEST BUMPER COMPANY	7415 SE 92ND AVE	441310	Automotive Parts and Accessories Stores	ADW801
NORTHEAST GENERAL CONTRACTOR LLC	5200 NE 92ND AVE UNIT 29	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ365
NORTHWEST ABATEMENT CORPORATION	7735 SE 68TH AVE	562910	Remediation Services	ADV902
NORTHWEST ACCESSORY DISTRIBUTORS	4565 NE 78TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ347
NORTHWEST AUTO ACCESSORIES INC	5700 NE SANDY BLVD	441310	Automotive Parts and Accessories Stores	ADR143
NORTHWEST BOAT SPORTS INC	7144 N ATLANTIC AVE	441222	Boat Dealers	ADP170
NORTHWEST HARDWARE CONSULTANTS INC	3526 NE 22ND AVE	425120	Wholesale Trade Agents and Brokers	ADR071
NORTHWEST JANITORIAL/CARPET CLEANIN	11822 SE FOSTER RD	561720	Janitorial Services	APV622
NORTHWEST RENOVATION COMPANY LLC	1757 SE 113TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS274
NORTHWEST SCAFFOLD SERVICE INC	9200 NE HALSEY ST	532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	ADR606
NOTARY CERAMICS	4819 SE MALDEN DR	425120	Wholesale Trade Agents and Brokers	ACZ265
NOVA CABINETRY LLC	11439 NE MORRIS ST	337110	Wood Kitchen Cabinet and Countertop Manufacturing	ADQ537
NOVOCURE INC	4221 NE BEECH ST	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADQ794
NT CONSTRUCTION CORP	3018 SE 89TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS557
NU WAY PRINTING & ENVELOPE CO	306 SE 8TH AVE	323111	Commercial Printing (except Screen and Books)	AQS467
NULIV SCIENCE USA INC	1726 NE 101ST AVE	425120	Wholesale Trade Agents and Brokers	ADR253
NURTUR HEALTH INC	4309 SE 99TH AVE	425120	Wholesale Trade Agents and Brokers	ADT364
NUSSENTIALS CORP	3511 N WILLIS BLVD	425120	Wholesale Trade Agents and Brokers	ADN470
NW AUTO SOURCE LLC	6850 SE 82ND AVE	441120	Used Car Dealers	ADT955
NW CARS LIMITED	9233 SE SCHILLER ST	441110	New Car Dealers	ADU704
NW CLEANING CONCEPTS	2130 SE 126TH PL	561720	Janitorial Services	ADS305
NW COLLISION SERVICES LLC	422 NE 80TH AVE	811111	General Automotive Repair	AMP944
NW CUSTOM BODY AND PAINT	3822 SE 62ND AVE	811111	General Automotive Repair	ADT208
NW LAWN MAINTENANCE	1121 NE 77TH AVE	561730	Landscaping Services	ADR561
NW MONARCH EXTERIORS LLC	316 SE 157TH AVE UNIT B	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS109
NW PRO LANDSCAPES LLC	3244 SE 115TH AVE	561730	Landscaping Services	ANB302
NW QUALITY INC	3220 SE 90TH PL	236118	Residential Remodelers	ADS556
NW SEISMIC RETROFITTERS	1230 NE 63RD AVE	236118	Residential Remodelers	ADR508
NW SIERRA TRANSPORTS LLC	5115 SE 111TH AVE	492210	Local Messengers and Local Delivery	ADU722
OBI DELIVERY LLC	11848 SE POWELL BLVD	484121	General Freight Trucking, Long-Distance, Truckload	ADT417
OCEAN OF FANTASY INC	2551 SE 92ND AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADS554
OCO LABS INC	1125 NE 59TH AVE	339999	All Other Miscellaneous Manufacturing	ADR483
OECONNECTION LLC	1028 N FARRAGUT ST	425120	Wholesale Trade Agents and Brokers	ADN933
OLD SCHOOL RENOVATIONS INC	4030 NE 63RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ878
OLD TOWN PIZZA	5201 NE MLK BLVD	312120	Breweries	ADP944
OLIVARI INC	5100 NE ALAMEDA ST	511199	All Other Publishers	ADR125
OLYMPIA MEDICAL TRANSPORTATION LLC	6030 SE 140TH AVE	485991	Special Needs Transportation	AMY013
OMAX CORPORATION	5210 SE MITCHELL ST	423830	Industrial Machinery and Equipment Merchant Wholesalers	AMP263
OMNI CONSTRUCTION LLC	3805 SE MALDEN ST	236118	Residential Remodelers	ADV844
OMNI RESOURCE INC	7420 N SYRACUSE ST	425120	Wholesale Trade Agents and Brokers	AAF090
ON BOARD CONSTRUCTION AND REMODELIN	4857 NE PRESCOTT ST	236118	Residential Remodelers	ADQ220

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ON THE GO AUTO SERVICES INC	4535 N LOMBARD ST	811111	General Automotive Repair	AAH296
ONSIGHT CONSTRUCTION LLC	12710 NE GLISAN ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS018
OPTI-CON, INC	725 NE 102ND AVE STE B	339115	Ophthalmic Goods Manufacturing	ADR616
ORANGE SPLOT LLC	6325 N ALBINA AVE APT 6	236117	New Housing For-Sale Builders	ADP552
ORANJ STUDIO	1737 NE ALBERTA ST STE 101	812112	Beauty Salons	ADQ052
OREGON ABATEMENT LLC	4929 NE 35TH AVE	562910	Remediation Services	ADQ167
OREGON CATHOLIC PRESS	5536 NE HASSALO ST	511120	Periodical Publishers	ADR487
OREGON KOMBUCHA	6720 NE M L KING BLVD	312120	Breweries	AAK950
OREGON STATE CLEANING SERVICES LLC	8981 N HAVEN AVE	561720	Janitorial Services	ADN418
OREGON TRACTOR & EQUIPMENT	6457 NE COLUMBIA BLVD	423810	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers	AQF030
O'REILLY AUTO PARTS	5915 NE SANDY BLVD	441310	Automotive Parts and Accessories Stores	ADN485
O'REILLY AUTO PARTS	5155 N LOMBARD ST	441310	Automotive Parts and Accessories Stores	ADN711
O'REILLY AUTO PARTS	555 NE 122ND AVE	441310	Automotive Parts and Accessories Stores	ADR683
O'REILLY AUTO PARTS	3232 SE 82ND AVE	441310	Automotive Parts and Accessories Stores	ADS539
ORTHOTECH LAB LLC	4233 SE 115TH AVE	339116	Dental Laboratories	ACE677
OSTERCRAFT HOMES INC	8780 SE DIVISION ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU169
OTTO'S SAUSAGE KITCHEN	4138 SE WOODSTOCK BLVD	311612	Meat Processed from Carcasses	ADU857
P & L REMODELING INC	1737 NE 102ND AVE	236118	Residential Remodelers	ADR246
PACIFIC BUILDING CO INC	4330 NE 62ND AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ845
PACIFIC CODE & LABEL INC	3636 NE SHAVER ST	425120	Wholesale Trade Agents and Brokers	ADQ705
PACIFIC GOLF & TURF LLC, AN LLC	14625 SE STARK ST	423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	ADS089
PACIFICORP	8111 NE COLUMBIA BLVD	221121	Electric Bulk Power Transmission and Control	ADV384
PACIFICORP	9951 SE ANKENY ST	221122	Electric Power Distribution	ADR873
PAMS CLEAN MACHINE INC	11910 NE SAN RAFAEL ST	561720	Janitorial Services	ADR318
PAN Y MANTECA LLC	6817 E BURNSIDE ST	311812	Commercial Bakeries	AMP990
PANADERIA CINCO DE MAYO INC	8416 SE 32ND AVE	311811	Retail Bakeries	ADV842
PARADISE HAIR & NAIL SALON	15930 SE DIVISION ST	812113	Nail Salons	ADS779
PARAMOUNT STONE WORKS INC	1310 NE 118TH AVE	423320	Brick, Stone, and Related Construction Material Merchant Wholesalers	ADR716
PARIS BROTHERS CONSTRUCTION	5603 N MINNESOTA AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP583
PARKLIFE PRESS LLC	4627 NE 32ND PL	323111	Commercial Printing (except Screen and Books)	ADQ132
PARKWAY C&A LP	9120 SE POWELL BLVD	236220	Commercial and Institutional Building Construction	ACE291
PARTS COMPANY NORTHWEST INC	7625 NE KILLINGSWORTH ST	423810	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers	ADP900
PAUL COTTLE CONSTRUCTION LLC	4420 NE 54TH AVE APT 2	236118	Residential Remodelers	ADQ262
PAULS AUTOMOTIVE	12160 SE FOSTER RD	811111	General Automotive Repair	ADW308
PCH REPS	13115 NE BROADWAY	425120	Wholesale Trade Agents and Brokers	ADV584
PCMT LLC	10238 NE SHAVER ST	561720	Janitorial Services	ADQ962
PDX CONTRACTORS LLC	10509 SE REX ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ACU375
PDX LIVING LLC	616 NE 61ST PL	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR493
PDX URBAN FARMERS LLC	3927 SE 64TH AVE	561730	Landscaping Services	ADT192
PDX YELLOW CAB LLC	1451 NE ALBERTA ST	485310	Taxi Service	ADQ067
PEACHY CLEAN LLC	7907 N BERKELEY AVE	561720	Janitorial Services	ADN402
PEARCE BUILDING & REMODELING,	7004 NE EVERETT ST	236118	Residential Remodelers	AMP946
PEDALTOWN MEDIA INC	6617 N MICHIGAN AVE	511120	Periodical Publishers	ADP269
PEGASUS MOVING AND CLEANING LLC	15120 NE CLACKAMAS ST	561720	Janitorial Services	ADR791
PEREZ LANDSCAPING	3327 NE 72ND AVE	561730	Landscaping Services	ADN528
PERFECT LOOK HAIR FASHIONS	4010 SE 82ND AVE	812112	Beauty Salons	ADT352

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
PERFECT LOOK HAIR FASHIONS	10038 SE WASHINGTON ST	812112	Beauty Salons	ABS396
PERFECT PANES PDX LLC	215 NE 156TH AVE	561720	Janitorial Services	ADS135
PERMOBIL INC	5529 NE 16TH AVE	423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	ADP740
PERODIN EXPRESS LLC	10543 E BURNSIDE ST APT 10	484121	General Freight Trucking, Long-Distance, Truckload	ADR949
PET RELEAF	10310 NE SHAVER ST	424490	Other Grocery and Related Products Merchant Wholesalers	ADQ962
PETER AKHTAR TRUCKING INC	4134 NE 131ST PL	484121	General Freight Trucking, Long-Distance, Truckload	ADW040
PHAM CONTRACTING INC	1231 SE 146TH AVE	236118	Residential Remodelers	ADT143
PHI CONSTRUCTION INC	4817 SE 61ST AVE	236118	Residential Remodelers	ADT607
PHIL UNSWORTH LLC	905 NE 69TH AVE	236118	Residential Remodelers	ADR523
PHILADELPHIA SIGN COMPANY	7638 N EMERALD AVE	339950	Sign Manufacturing	ADN824
PHILLIPS PROFESSIONAL SERVICE INC	3621 NE LIBERTY ST	811118	Other Automotive Mechanical and Electrical Repair and Maintenance	ADP454
PHOTO ID CENTRAL INC	1334 N HUMBOLDT ST	425120	Wholesale Trade Agents and Brokers	ADP928
PHYTOHEALERS GROUP LLC	7411 SE POWELL BLVD	425120	Wholesale Trade Agents and Brokers	ADU138
PIPELINEFX LLC	744 SE MALDEN ST	425120	Wholesale Trade Agents and Brokers	ADT755
PLAID PANTRIES, INC	8110 NE FREMONT ST	445120	Convenience Stores	ADN572
PLAID PANTRIES, INC	2730 N LOMBARD ST	445120	Convenience Stores	ADP187
PLAID PANTRIES, INC	6010 NE HALSEY ST	445120	Convenience Stores	ADR486
PLAID PANTRIES, INC	10255 NE GLISAN ST	445120	Convenience Stores	ADR615
PLAID PANTRIES, INC	11150 SE DIVISION ST	445120	Convenience Stores	ADS582
PLAID PANTRIES, INC	3506 SE 52ND AVE	445120	Convenience Stores	ADT206
PLAID PANTRIES, INC	5412 SE WOODSTOCK BLVD	445120	Convenience Stores	ADU903
PLAID PANTRIES, INC	6440 SE 82ND AVE	445120	Convenience Stores	ADV037
PLAID PANTRIES, INC	7144 NE KILLINGSWORTH ST	445120	Convenience Stores	ADQ319
PLAID PANTRIES, INC	6480 SE FOSTER RD	445120	Convenience Stores	ADT652
PLAID PANTRIES, INC	4214 SE WOODSTOCK BLVD	445120	Convenience Stores	ADU857
PLAID PANTRIES, INC	2116 NE 82ND AVE	445120	Convenience Stores	ANB419
PLAID PANTRIES, INC	6510 N GREELEY AVE	445120	Convenience Stores	AAK188
PLAID PANTRIES, INC	6220 NE SANDY BLVD	445120	Convenience Stores	ADN532
PLAID PANTRIES, INC	10355 NE HALSEY STE A	445120	Convenience Stores	ADR302
PLAID PANTRIES, INC	16226 SE DIVISION ST	445120	Convenience Stores	ADS824
PLAID PANTRIES, INC	10350 SE HOLGATE BLVD	445120	Convenience Stores	ADV310
PLAID PANTRIES, INC	4504 SE 122ND AVE	445120	Convenience Stores	ADU736
PLAID PANTRIES, INC	13521 SE POWELL BLVD	445120	Convenience Stores	AMR752
PLAID PANTRY #230	1705 SE 122ND AVE	445120	Convenience Stores	ADS291
PLUCKY MAIDENS INC	6733 NE HANCOCK ST	425120	Wholesale Trade Agents and Brokers	ADR190
PLUMB AND LINE LLC	9129 SE HARRISON ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS172
PM PRESS	1826 N FARRAGUT ST	511130	Book Publishers	ADN892
PMR PROPERTY MAINTENANCE LLC	4153 SE 67TH AVE	236118	Residential Remodelers	ADT236
PORTER W YETT COMPANY	5925 NE CULLY BLVD			ADP896
PORTLAND AUTO DETAILING LLC	10000 SE ANKENY ST	811192	Car Washes	ADR871
PORTLAND AUTOMOTIVE NE INC	8010 NE SANDY BLVD	811111	General Automotive Repair	ADQ915
PORTLAND BEE BALM LLC	3308 SE 50TH AVE	325620	Toilet Preparation Manufacturing	ADU084
PORTLAND CONTRACTING LLC	4932 NE 18TH AVE	236220	Commercial and Institutional Building Construction	ADQ052
PORTLAND DIRECT BUILDING SUPPLY INC	5100 SE FOSTER RD	423320	Brick, Stone, and Related Construction Material Merchant Wholesalers	ADS870
PORTLAND EDIBLE GARDENS LLC	3011 SE 67TH AVE	561730	Landscaping Services	ADU090
PORTLAND FRET WORKS	3027 NE ALBERTA ST	811490	Other Personal and Household Goods Repair and Maintenance	ADQ090

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
PORTLAND LAWN CARE	1650 NE 156TH AVE	561730	Landscaping Services	ADR409
PORTLAND MOTOR WORKS INC	9831 SE FOSTER RD	811111	General Automotive Repair	ADV176
PORTLAND MOVERS CO LLC	3448 SE 164TH AVE	484210	Used Household and Office Goods Moving	ADS831
PORTLAND PEST GUARD INC	16000 SE POWELL BLVD UNIT 63	561710	Exterminating and Pest Control Services	ANA741
Portland Police East Pricinct	737 SE 106TH AVE			ADU397
PORTLAND PRECISION INSTRUMENT & REP	6015 NE 80TH AVE STE 400	423490	Other Professional Equipment and Supplies Merchant Wholesalers	AQT757
PORTLAND RENT ALL CENTER	10101 SE STARK ST	532310	General Rental Centers	ADR877
PORTLAND RESCUE MISSION	8301 NE HALSEY	493110	General Warehousing and Storage	ANA807
PORTLAND RV WHOLESALE INC	1818 SE 82ND AVE	423110	Automobile and Other Motor Vehicle Merchant Wholesalers	ADP107
PORTLAND SAND & GRAVEL CO	10717 SE DIVISION ST	212321	Construction Sand and Gravel Mining	ADS227
PORTLAND SANDWICH CO	11131 NE HALSEY	311991	Perishable Prepared Food Manufacturing	ADR290
PORTLAND WELDING SVC INC	15020 SE GLADSTONE ST	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ADT497
PORTLAND WHOLESALE GROCERY CO.	PO BOX 14933	492210	Local Messengers and Local Delivery	ADW192
POWER BRAKE BOOSTER EXCHANGE INC	4335 SE 63RD AVE	336340	Motor Vehicle Brake System Manufacturing	ADT266
PRANA CHAI NORTH AMERICA LLC	3300 SE 58TH AVE	425120	Wholesale Trade Agents and Brokers	ADU085
PRAVANA INTERNATIONAL LLC	1545 N KILLINGSWORTH ST	425120	Wholesale Trade Agents and Brokers	ADP546
PRECISION CONSTRUCTION COMPANY	8025 NE KILLINGSWORTH ST	236220	Commercial and Institutional Building Construction	ADV392
PREECE CONSTRUCTION	8535 NE GOING ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ372
PREMIER BUILDING SERVICES INC	6106 SE RAMONA ST	561720	Janitorial Services	ADU915
PREMIER JANITORIAL COMM SERVICE INC	5919 SE HENDERSON ST	561720	Janitorial Services	ADT846
PREMIER TRAILER SALES LLC	3550 SE 166TH PL	441228	Motorcycle, ATV, and All Other Motor Vehicle Dealers	ADT529
PRESCOTT CORNER MARKET	1460 NE PRESCOTT ST	445120	Convenience Stores	ADQ036
PRESTIGE CRAFTSMAN CORP	15005 SE RHONE ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT486
PRESTIGE LANDSCAPE & TREE SERVICE L	7025 NE 7TH PL	561730	Landscaping Services	ADP394
PRIME TRANSPORTATION LLC	8224 NE THOMPSON ST	485991	Special Needs Transportation	ANB422
PRINK TECHNOLOGIES LLC	8332 NE PRESCOTT ST	321999	All Other Miscellaneous Wood Product Manufacturing	ADQ951
PRISTINE CLEANING LLC	7424 N MISSISSIPPI AVE	561720	Janitorial Services	ADP244
PRISTINE GREENING CORPORATION	11124 NE HALSEY ST STE 670	561720	Janitorial Services	ADR664
PRITIKIN GROUP LLC	3617 NE 16TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ642
PRO PLUMB	4125 SE 102ND AVE	236118	Residential Remodelers	ADW708
PRO-CONSTRUCT CLEANING LLC	13721 SE STEELE ST APT A	561720	Janitorial Services	ADU773
PROFESSIONAL APPLICATIONS INC	3630 NE 72ND AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ839
PROFESSIONAL AUTO BODY & PAINT	6380 NE ALBERTA ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ANA891
PROFESSIONAL HAIR & NAILS III LLC	16330 SE DIVISION ST	812112	Beauty Salons	ADS828
PROFESSIONAL PRO MOVERS LLC	8304 NE DAVIS ST	484210	Used Household and Office Goods Moving	AMP815
PROFINISHERS INC A CORPORATION OF	15715 NE BEECH ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR039
PROGRESS SOFTWARE CORPORATION	3921 NE 38TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ706
PROJECT AT HAND CORPORATION	14008 NE BEECH ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR033
PROSCIA INC	3316 NE 64TH AVE	425120	Wholesale Trade Agents and Brokers	ADN522
PROTECTIVE INDUSTRIAL PRODUCTS INC	6311 NE 11TH AVE	424330	Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers	ADP729
PROVIEW GLOBAL US INC	609 NE SHAVER ST	425120	Wholesale Trade Agents and Brokers	ADQ447
PT EXPRESS HAULING	5757 SE FLAVEL DR	484121	General Freight Trucking, Long-Distance, Truckload	ADV874
PUGS HOLDINGS LLC	1640 SE 162ND AVE APT 11	425120	Wholesale Trade Agents and Brokers	ADW499
PURCH AND HOLDING	11740 SE SALMON ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT030
PURE ENVIRONMENTAL SOLUTIONS LLC	6015 N MISSISSIPPI AVE	561710	Exterminating and Pest Control Services	ADP568
PURE NAIL BAR & ORGANIC SPA LLC	5516 SE WOODSTOCK BLVD	812113	Nail Salons	ADU903

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QUALITY SPECIALISTS LLC	12448 SE STARK ST	423110	Automobile and Other Motor Vehicle Merchant Wholesalers	ADT053
QUALITY USED TIRES INC	8138 NE SANDY BLVD	441320	Tire Dealers	APW149
QUEEN BEE LANDSCAPE MAINTENANCE LLC	3025 SE 129TH AVE	561730	Landscaping Services	ADW633
QUESTEX LLC	3635 NE 112TH AVE	511120	Periodical Publishers	ADQ987
R & K MAINTENANCE LLC	6421 SE 89TH AVE	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ACP586
R & R MARKETING CONSULTANTS INC	12911 NE SCHUYLER ST	425120	Wholesale Trade Agents and Brokers	ADV584
R J T INVESTMENT HOLDINGS LLC	8540 NE SANDY BLVD	811111	General Automotive Repair	ANB148
R&D SYSTEMS INC	4365 NE 62ND AVE	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADQ846
R.C.M. CONSTRUCTION, INC	8401 NE HALSEY ST STE 202	236220	Commercial and Institutional Building Construction	ADR227
RADIANT SERVICES NW LLC	4021 SE 112TH AVE	561790	Other Services to Buildings and Dwellings	ADW728
RAG AUTOMOTIVE ELECTRIC INC	6835 SE FOSTER RD	811118	Other Automotive Mechanical and Electrical Repair and Maintenance	ADT646
RAINBOW NAILS & SPA INC	3130 NE 133RD AVE	812113	Nail Salons	ADQ565
RAINY CITY REMODELERS INC	2816 SE 131ST AVE	236118	Residential Remodelers	ADS677
RAMIREZ EXPRESS LLC	13750 SE STARK ST	484121	General Freight Trucking, Long-Distance, Truckload	ADT100
RAMOS CONSTRUCTION D'AJIJIC LLC	247 SE 160TH AVE APT E101	236118	Residential Remodelers	ADS112
RANDALL COOLEY LUXURY CLOSETS LLC	86 NE DEKUM ST	236118	Residential Remodelers	ADP328
RATIONAL COOKING SYSTEMS	4635 NE 31ST AVE	425120	Wholesale Trade Agents and Brokers	ADQ114
RAVEN BUILDERS LLC	4120 NE 54TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ809
RAY & SONS INC	14801 SE STARK ST	447110	Gasoline Stations with Convenience Stores	ADS093
RDZ CONSTRUCTION LLC	14041 SE MADISON ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT119
REBARBER ENTERPRISES	6948 N MONTANA AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP279
RECONSTRUCT LLC	4528 SE 53RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV281
RECOVERCARE LLC	10300 NE HANCOCK ST	532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	ANA987
RED ROOSTER REMODELING INC	5620 NE 23RD AVE	236118	Residential Remodelers	ADP783
REDMOND IRONS INC	1244 N TERRY ST	333991	Power-Driven Handtool Manufacturing	ADN924
REEDS INC	6336 N DENVER AVE	424490	Other Grocery and Related Products Merchant Wholesalers	ADP519
REFINED RESTORATION	8023 N BUCHANAN AVE	236118	Residential Remodelers	AAE946
REGION 1 ADMINISTRATION	3700 SE 92ND AVE	237310	Highway, Street, and Bridge Construction	ADT371
REGUPOL AMERICA LLC	3801 NE 36TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ713
REJUVENATION ARTISANS	5010 SE 44TH AVE	561730	Landscaping Services	ADT553
RELIANCE TRANSPORTATION OR RTI	16016 SE STEPHENS ST	484121	General Freight Trucking, Long-Distance, Truckload	ADS480
REMODELING BY DESIGN LLC	2230 NE 111TH AVE	236118	Residential Remodelers	ADV519
REMODELING BY WESLEY	6106 NE RODNEY AVE	236118	Residential Remodelers	ADP624
REMODELING NORTHWEST LLC	6810 SE BROOKLYN ST	236118	Residential Remodelers	ADU118
RENOVATI INC	5305 NE AINSWORTH ST	236118	Residential Remodelers	ADP893
RENT-A-CENTER	16353 SE DIVISION ST STE 128	532289	All Other Consumer Goods Rental	ADS520
REVIVE UPHOLSTERY & DESIGN LLP	2030 N WILLIS BLVD	811420	Reupholstery and Furniture Repair	AMQ469
REXHOUSE REMODELS INC	6805 N MONTANA AVE	236118	Residential Remodelers	ADP281
RICH DISTRIBUTING	3721 SE 122ND AVE	424210	Drugs and Druggists' Sundries Merchant Wholesalers	ADT419
RICH MILLER LANDSCAPING SERVICE	10535 SE RAYMOND ST	561730	Landscaping Services	ADW231
RICK WILLIAMS CONSULTING	3400 NE 36TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR092
RIVER CITY TRANSMISSIONS LLC	6959 SE FOSTER RD	811113	Automotive Transmission Repair	ADT647
ROBERT WROTH CONSTRUCTION LLC	3322 SE 53RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU078
ROBERTS JANITORIAL INC	4760 NE PRESCOTT ST	561720	Janitorial Services	ADQ797
ROCKETLIT INC	5123 NE 32ND PL	425120	Wholesale Trade Agents and Brokers	ADQ092
ROCKY MOUNTAIN RUBICON INC	6135 SE RAMONA ST	425120	Wholesale Trade Agents and Brokers	ADU916

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ROGER THOMAS GLASS LLC	8114 N MISSISSIPPI AVE	327215	Glass Product Manufacturing Made of Purchased Glass	ANL367
ROLL YOUR OWN LLC	15801 SE DIVISION ST	445120	Convenience Stores	ADW492
ROLL YOUR OWN MART #2 LLC	13737 SE POWELL BLVD	445120	Convenience Stores	ADS664
ROLLING HILLS REMODELING LTD	7012 SE 65TH AVE	236118	Residential Remodelers	ADT862
RON TONKIN CHEVROLET	122 NE 122ND AVE	441110	New Car Dealers	ADS013
ROSE CITY CLEANING & DESIGN LLC	10302 NE BEECH ST	561720	Janitorial Services	ADQ962
ROSE CITY CUSTOM HOMES & REMODELING	6108 SE 84TH PL	236118	Residential Remodelers	ADV080
ROSE CITY EXPRESS INC	1607 NE 120TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ANA947
ROSE CITY MESSENGER SERVICE, INC	901 SE OAK ST #101	492210	Local Messengers and Local Delivery	AQS459
ROSE CITY ORGAN BUILDERS INC	2813 NE 58TH AVE	811490	Other Personal and Household Goods Repair and Maintenance	ADN484
ROSE CITY SPEEDWAY FUEL	5710 NE FREMONT ST	447110	Gasoline Stations with Convenience Stores	ADR132
ROSE CITY STAMP CO INC	335 SE 99TH AVE	339940	Office Supplies (except Paper) Manufacturing	ADV733
ROSY NAILS AND SPA LLC	13639 E BURNSIDE ST	812113	Nail Salons	ANB234
ROXCEL CORPORATION	3822 NE 35TH PL	425120	Wholesale Trade Agents and Brokers	ADQ713
ROYALE BREWING COMPANY LLC	55 N FARRAGUT ST UNIT 6	312120	Breweries	ADN948
RS HARDWOOD INC	8608 SE CLINTON ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ACA291
RS POWER	1508 N KILPATRICK ST	811111	General Automotive Repair	ADN869
RS WALLACE CONSTRUCTION COMPANY	7028 SE 52ND AVE NE	236118	Residential Remodelers	ADT839
RSC EQUIPMENT RENTAL	9050 NE HALSEY ST	532412	Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	ADR606
RUBEN J MENASHE INC	11359 NE HALSEY ST	236117	New Housing For-Sale Builders	ADR331
RUFF RIDERS TRUCK REPAIR INC	8716 NE ALBERTA ST	811111	General Automotive Repair	ADQ395
RUSCH & SON METAL FAB LLC	4262 R NE KILLINGSWORTH	332322	Sheet Metal Work Manufacturing	ADQ222
RUSS'S LAWN MAINTENANCE INC	1222 NE 102ND AVE	561730	Landscaping Services	ADR672
RUSTOM NISSAN OF PORTLAND	1212 NE 122ND AVE	441110	New Car Dealers	ADR731
RWC DEVELOPMENT INC	1833 NE 50TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ630
RXSAFE LLC	5027 NE 26TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ105
RYRICS LANDSCAPES LLC	435 NE 133RD AVE	561730	Landscaping Services	ADS022
S & R CRIDER INC	9131 SE TAGGART ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS550
S F INVESTMENT CORPORATION	120 NE 82ND AVE	811113	Automotive Transmission Repair	ADV725
S N JONES CONSTRUCTION	14229 E BURNSIDE ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU317
S ROTH MACHINE INCORPORATED	16909 SE IVON ST	332999	All Other Miscellaneous Fabricated Metal Product Manufacturing	ADS800
S&L DIAZ TRANSPORT	2730 SE 141ST AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADS687
S&L FOUR SEASONS VACUUM CLEANER	2813 SE 122ND AVE	811412	Appliance Repair and Maintenance	ADW624
SABIN ALL IN ONE CONSTRUCTION LLC	3938 SE 168TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT532
SAGE ELECTROCHEMICALS INC	3434 NE CESAR E CHAVEZ BLVD	423390	Other Construction Material Merchant Wholesalers	ADR080
SAIGON MARKET LLC	1111 NE 82ND AVE	445120	Convenience Stores	ADR565
SALMON BUILT	4807 NE 10TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP984
SALON NYLA LLC	10222 E BURNSIDE ST	812112	Beauty Salons	ABN126
SAM BAO TRUCKING	4003 SE 82ND AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADT307
SAM YODER INC	1021 NE 33RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR455
SAMEDAY AUTO SCRATCH & DENT REPAIR	11243 NE GLISAN ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADR681
SAMS AUTO BODY AND PAINT INC	3320 SE 50TH AVE	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADU084
SANDERS MOBILE TRUCK REPAIR, INC	6400 SE 101ST AVE STE 2C	811111	General Automotive Repair	AMX431
SANDINO COFFEE ROASTERS LLC	7238 SE FOSTER RD	311920	Coffee and Tea Manufacturing	ADT621
SANDOVAL DELIVERY SERVICE	10404 SE HAROLD ST	492210	Local Messengers and Local Delivery	ADV189
SANHE CONSTRUCTION COMPANY LLC	13620 SE STEPHENS PL	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS357

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SARGENT'S MOTORSPORTS INC	10207 SE FOSTER RD	441228	Motorcycle, ATV, and All Other Motor Vehicle Dealers	ADV181
SAVVY CLEANING	13724 NE FREMONT CT	561720	Janitorial Services	AAZ894
SAWYERS MARKET	6006 SE FLAVEL ST	445120	Convenience Stores	ADV862
SCHLUTER SYSTEMS LP	11815 NE BRAZEE ST	425120	Wholesale Trade Agents and Brokers	ANA936
SCHOOL & OFFICE SYSTEMS INC	11781 NE GLISAN ST	423210	Furniture Merchant Wholesalers	ADR674
SCHWAGER MOTORS LLC	3347 N LOMBARD ST	441120	Used Car Dealers	ADN829
SCOPIC INC	205 NE ROSA PARKS WAY	511140	Directory and Mailing List Publishers	ADP327
SCORPIO EXPRESS LLC	1718 NE 141ST AVE	484230	Specialized Freight (except Used Goods) Trucking, Long-Distance	ADR347
SCRATCH MEATS	2929 N RUSSET ST	311612	Meat Processed from Carcasses	ADN833
SDI HEAVY TRANSPORT LLC	11832 SE LIEBE ST	484121	General Freight Trucking, Long-Distance, Truckload	ADW259
SE DIVISION SHELL STORE	9218 SE DIVISION ST	447110	Gasoline Stations with Convenience Stores	ADS549
SEABEE CONSTRUCTION LLC	3305 SE 69TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU128
SEAFOOD EXPRESS INC	8014 SE BOISE ST	492210	Local Messengers and Local Delivery	ADT309
SEARS ROEBUCK CO	2626 SE 122 AVE	811412	Appliance Repair and Maintenance	ADS644
SECOND SEASON CONSTRUCTION LLC	4823 NE CESAR E CHAVEZ BLVD	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ175
SECONDWAVE CORPORATION	1012 SE 96TH AVE	811211	Consumer Electronics Repair and Maintenance	ABS396
SECRET GARDENS PLANT SERVICES INC	6434 N MICHIGAN AVE	561730	Landscaping Services	ADP288
SECURE SEISMIC LLC	1024 NE BUFFALO ST	236220	Commercial and Institutional Building Construction	ADP389
SEDUIRE NAILS N SPA	3526 SE 52ND AVE	812113	Nail Salons	ADT206
SEED GARDEN DESIGNS LLC	1335 N KILPATRICK ST	561730	Landscaping Services	ADN908
SELLWOOD REMODELING & MANAGEMENT L	1524 SE MALDEN ST	236118	Residential Remodelers	ADT751
SENSITIVE GARDENS LLC	7421 SE 60TH AVE	561730	Landscaping Services	ADT850
SERENDIPITY CLEANING LLC	12530 SE MILL ST	561720	Janitorial Services	ADS317
SERGEY AUTO BODY INC	6750 NE COLUMBIA BLVD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ANB161
SERGIO LANDSCAPE MAINTENANCE INC	13710 SE HOLGATE BLVD	561730	Landscaping Services	ADU760
SERVCORP FRANCHISING LLC	3235 SE 165TH PL	561720	Janitorial Services	ADS814
SERVICE CLEANING SYSTEMS INC	8383 NE SANDY BLVD STE 125	561720	Janitorial Services	ADQ364
SERVICEMASTER BLDG MAINT-NE/SE PORT	1016 NE 61ST AVE	561720	Janitorial Services	ADR490
SFDUCKFAN INC	3337 NE ALAMEDA ST	425120	Wholesale Trade Agents and Brokers	ADQ724
SHAMROCK DIRECT SALES LLC	1416 SE MALDEN ST	425120	Wholesale Trade Agents and Brokers	ADT751
SHELBYVILLE REMODELING	1239 NE SUMNER ST	236118	Residential Remodelers	ADP989
SHIFT REDEVELOPMENT	5002 NE PRESCOTT ST	236118	Residential Remodelers	ADQ295
SHINE AND SPARKLE CLEANING SERVICES	17005 SE STEPHENS ST	561720	Janitorial Services	ADS515
SHOCKWAVE MEDICAL INC	7913 SE HENDERSON ST	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADT906
SHOS AUTO REPAIR INC	5301 SE 52ND AVE	811111	General Automotive Repair	AMP268
SIBERONI LLC	2845 SE 131ST AVE	311412	Frozen Specialty Food Manufacturing	ADS632
SIERRA CONSTRUCTION & EXCAVATION LL	4644 NE 118TH	237110	Water and Sewer Line and Related Structures Construction	ADQ418
SIERRA NORTHWEST LANDSCAPING CO	9428 NE IRVING ST	561730	Landscaping Services	ADV657
SIGNDEALZ CORP	2741 NE 53RD AVE	339950	Sign Manufacturing	ADN499
SILVER STAR FREIGHT INC	11012 SE STARK ST UNIT J	484121	General Freight Trucking, Long-Distance, Truckload	ADS997
SIMOTAS AUTOMOTIVE LLC	12023 SE RAYMOND ST	811111	General Automotive Repair	ADW259
SIMPLIS TECHNOLOGIES INC	5235 NE CLEVELAND AVE	425120	Wholesale Trade Agents and Brokers	ADP940
SIMPSON WINCH INC	521 NE 74TH AVE	333999	All Other Miscellaneous General Purpose Machinery Manufacturing	ADR593
SITECORE USA INC	1931 NE 62ND AVE	425120	Wholesale Trade Agents and Brokers	ADR154
SKATE SLATE INC	7124 N SEWARD AVE	511120	Periodical Publishers	ADP134
SKEELE & SON	5205 NE 14TH PL	113310	Logging	ADQ085

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
SKILLCRAFT CONSTRUCTION INC	7330 SE TOLMAN ST	236118	Residential Remodelers	ADV020
SKYLINE CONSTRUCTION INC	6637 SE 56TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT833
SLASH-IT DISTRIBUTION INC	3316 SE 51ST AVE	425120	Wholesale Trade Agents and Brokers	ADS538
SLOAN BROTHERS COMPANY	6907 N MONTANA AVE	423830	Industrial Machinery and Equipment Merchant Wholesalers	ADP279
SLOW HAND FARM	5555 NE SUMNER ST	111998	All Other Miscellaneous Crop Farming	ADQ258
SMILE DESIGN STUDIO INC	4960 NE 14TH AVE	339116	Dental Laboratories	ADP992
SMITH + NOBLE HOME INC	4908 NE MULTNOMAH ST	425120	Wholesale Trade Agents and Brokers	ADR466
SMITHS FOREST FRESH PRODUCTS INC	4423 NE 88TH AVE	424480	Fresh Fruit and Vegetable Merchant Wholesalers	ADQ956
SNAPSHOT INC	4905 NE 14TH AVE	493110	General Warehousing and Storage	ADQ023
SNOOZY CONSTRUCTION INC	3541 NE 125TH AVE	236118	Residential Remodelers	ADW050
SOFTTOUCH CUSTOM STOCKS LLC	606 SE 162ND AVE	332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing	ANA242
SOLO CONSTRUCTION LLC	4332 NE JARRETT ST APT F	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADV353
SOLOTECH US CORP	16624 SE HAIG DR	532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	ADT529
SOLUTIONS PLUS INC	6705 NE GOING ST	236118	Residential Remodelers	ADQ306
SOMMER BIO CLEAN	1940 SE 96TH AVE	562211	Hazardous Waste Treatment and Disposal	ADS205
SONIC TECHNOLOGY PRODUCTS INC	6106 SE LAFAYETTE ST	423620	Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers	ADS902
SON-LIGHT INCORPORATED	5255 SE LAMBERT ST	236118	Residential Remodelers	ADV857
SONOCO PROTECTIVE SOLUTIONS INC	6120 N CAMPBELL AVE	424130	Industrial and Personal Service Paper Merchant Wholesalers	ADP526
SOULY'S LLC	3115 SE 89TH AVE	561790	Other Services to Buildings and Dwellings	ADS558
SPACE AGE	11214 SE POWELL BLVD	447190	Other Gasoline Stations	ANB299
SPANK INC	1433 NE ALBERTA ST	812112	Beauty Salons	ADQ067
SPARKLE WINDOW CLEANING	4720 SE 64TH AVE	561720	Janitorial Services	ADT652
SPARKLING HOUSECLEANING SERVICE LLC	3125 SE 90TH PL	561720	Janitorial Services	ADS556
SPARKLING PALACES INC	5816 SE POWELL BLVD SUITE B	561720	Janitorial Services	ADS915
SPARKLY CLEANING SERVICE	2834 NE KILLINGSWORTH ST	561720	Janitorial Services	ADP829
SPEEDY MARKET	7839 NE GLISAN ST	445120	Convenience Stores	ADR596
SPEEDY NOVUS GLASS LLC	11131 SE DIVISION ST	811122	Automotive Glass Replacement Shops	ADS241
SPICE INDUSTRIES LLC	6115 NE EMERSON ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ829
SPLASH INDUSTRIES INC	6134 NE M L KING BLVD	811192	Car Washes	ADP717
SPLIT JAW PRODUCTS INCORPORATED	12341 SE FOSTER RD STE B	339930	Doll, Toy, and Game Manufacturing	ADT684
SPOIL ME NAILS & DAY SPA	5215 N LOMBARD ST STE 1	812113	Nail Salons	ADN708
SPORTY FAMILY CORP	10240 NE HALSEY ST	811490	Other Personal and Household Goods Repair and Maintenance	ADR306
SPRINGER SCIENCE + BUSINESS MEDIA L	3335 NE 59TH AVE	511130	Book Publishers	ADR132
SPRUCE	5603 SE 54TH AVE	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ADU930
SQFT STUDIOS LLC	5805 NE MILTON ST	236220	Commercial and Institutional Building Construction	ADQ823
ST JOHN TIRE FACTORY	7301 N LOMBARD ST	441320	Tire Dealers	AAF126
ST JOHNS DELI & GROCERY INC	7920 N LOMBARD ST	445120	Convenience Stores	ADN337
STACEYS ORGANIC TORTILLAS CO	914 N EMERSON ST	425120	Wholesale Trade Agents and Brokers	AMW093
STANDARD PARKING CORPORATION	4615 NE ALMEDA ST	812930	Parking Lots and Garages	ADR108
STAR INDUSTRIAL SUPPLY INC	14308 NE SANDY BLVD UNIT 50	423840	Industrial Supplies Merchant Wholesalers	ADR037
STAR STRIPING LLC	1010 SE 139TH AVE	237310	Highway, Street, and Bridge Construction	ADT098
STARS & STRIPES MARKET	13580 SE POWELL BLVD	445120	Convenience Stores	AQK337
STEINER REMODEL	1126 SE MARION ST	236118	Residential Remodelers	ADU208
STEPHEN TRUCKING INC	12429 SE FOSTER RD APT 1	484121	General Freight Trucking, Long-Distance, Truckload	ADT685
STEVEN CHESNEK CONSTRUCTION INC	1618 N SIMPSON ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP537
STI NEWCO LLC	2221 N ARGYLE ST	333243	Sawmill, Woodworking, and Paper Machinery Manufacturing	ADU300

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
STITCH BY STITCH BY MOTHER EM	14717 NE SAN RAFAEL ST	315210	Cut and Sew Apparel Contractors	ADR393
STONE WATER TREE	5715 NE CESAR E CHAVEZ BLVD	561730	Landscaping Services	ADP850
STONE & CABINET INSTALLATION INC	10531 SE INSLEY PL	337110	Wood Kitchen Cabinet and Countertop Manufacturing	ADW228
STONEWALLS MARKET & DELI	7449 SE 72ND AVE	445120	Convenience Stores	ADT861
STOP N GO MARKET	2056 SE 122ND AVE	445120	Convenience Stores	ADS327
STRAIGHT & LEVEL INC	9035 SE DIVISION ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP098
STRATUS BUILDING SOLUTIONS	10373 NE HANCOCK ST	533110	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	ANA987
STRONG BLADE LLC	2769 SE 84TH PL	425120	Wholesale Trade Agents and Brokers	ACA291
STRUCTURE PDX LLC	6205 NE 8TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	AAN027
STUDIO CREATIVE INC	7136 NE ROSELAWN ST	311920	Coffee and Tea Manufacturing	ANA875
SUGAR ME LLC	1313 NE FREMONT ST	812112	Beauty Salons	ADQ459
SUN BRITE CLEANERS	7914 NE GLISAN ST	812320	Drycleaning and Laundry Services (except Coin-Operated)	AMP942
SUN ORCHARD LLC	5223 N MARYLAND AVE	311411	Frozen Fruit, Juice, and Vegetable Manufacturing	ADP919
SUNBELT RENTALS INC	7262 NE KILLINGSWORTH ST	532412	Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing	ADQ358
SUNMODO MATERIAL HANDLING LLC	6600 NE COLUMBIA BLVD	423830	Industrial Machinery and Equipment Merchant Wholesalers	ANB157
SUNREA FARMS	5404 SE 97TH AVE	111998	All Other Miscellaneous Crop Farming	ADU707
SUNS MART	2446 SE 87TH AVE #105	445120	Convenience Stores	ADP104
SUNSET GARBAGE COLLECTION INC	9035 SE HENDERSON ST	562111	Solid Waste Collection	ADW801
SUPERIOR FOOD SALES	4225 SE GLENWOOD ST	425120	Wholesale Trade Agents and Brokers	ADT775
SUPERIOR IMPORT REPAIR INC	4443 NE 82ND AVE	811111	General Automotive Repair	ADQ897
SUPREME MEDICAL TRANSPORTATION LLC	11841 NE BRAZEE ST	485991	Special Needs Transportation	ANA936
SURI IRON INC	1803 N KILLINGSWORTH ST	332323	Ornamental and Architectural Metal Work Manufacturing	AAM523
SUSIES CLEANING SERVICES	6915 SE 85TH AVE	561720	Janitorial Services	ADT957
SUTTON LANDSCAPING LLC	2703 SE 65TH AVE	561730	Landscaping Services	ADU101
SV MANUFACTURING INC	2624 SE 162ND AVE	332710	Machine Shops	ADS823
SWA GROUP INC	7336 SE TIBBETTS ST	561730	Landscaping Services	ADU135
SWAG SHOP LLC	13843 SE FOSTER PL	812111	Barber Shops	ADT724
SWAN CONTRACTORS LLC	4569 NE 80TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ334
SWEDE ONE AUTOWERKS	2400 NE 82ND AVE	811111	General Automotive Repair	ADR216
SWEETPEA BICYCLES	2905 NE ALBERTA ST	336991	Motorcycle, Bicycle, and Parts Manufacturing	ADQ127
SWIFT REMODELING COMPANY	3226 SE 165TH AVE	236118	Residential Remodelers	ADS814
SWITZERMANN CORPORATION	3615 NE 157TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	AMV757
SYNERGY HOMEWORKS LLC	4919 NE 11TH AVE UNIT B	236118	Residential Remodelers	ADQ017
SZIGETHY ENTERPRISES LLC	7024 NE GLISAN ST	811420	Reupholstery and Furniture Repair	AMP938
T P QUALITY CLEANERS INC	6633 NE SANDY BLVD STE B	812320	Drycleaning and Laundry Services (except Coin-Operated)	ADN558
T&J APPAREL PRODUCTION	2255 N ROSA PARKS WAY	315210	Cut and Sew Apparel Contractors	ADP205
TACTOTEK INC	7057 N OMAHA AVE	334419	Other Electronic Component Manufacturing	ADP195
TALL GUY PROPERTIES INC	5316 NE 48TH AVE	236118	Residential Remodelers	ADQ226
TALON ACRYLICS INC	850 NE 102ND AVE	325211	Plastics Material and Resin Manufacturing	ADR617
TAP THAT LINE CLEANING	4706 SE 61ST AVE	561720	Janitorial Services	ADT602
TAYLOR SMITH SUSTAINABLE CONSTRUCTI	6324 NE DAVIS ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	AMP976
TCG ENTERPRISES INC	4228 SE WOODSTOCK BLVD	811111	General Automotive Repair	ADU858
TEAM CLEANING SERVICES	2131 NE 117TH AVE	561720	Janitorial Services	ANA964
TEDDY BEAR AUTO SALES INC	4544 NE 118TH AVE	441120	Used Car Dealers	ADQ418
TELIOS SYSTEMS COMPANY	9850 SE DIVISION ST	423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers	ADW544
TERRA REMODELING AND DESIGN LLC	1915 SE 142ND AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS381

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TERRACCORD LANDSCAPES LLC	5329 SE GLADSTONE ST	561730	Landscaping Services	ADT187
TERRACYCLE, INC.	5726 SE CENTER ST	336991	Motorcycle, Bicycle, and Parts Manufacturing	ADT188
TERRELL BRANDON BARBERSHOP INC	1330 NE ALBERTA ST	812111	Barber Shops	ADP992
TESTING MACHINES INC	5914 N BORTHWICK AVE	423990	Other Miscellaneous Durable Goods Merchant Wholesalers	ADP600
THAI AND TRUE	8319 SE POWELL BLVD	311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing	ADT324
THAPA CONNECTION LLC	12128 E BURNSIDE ST	447110	Gasoline Stations with Convenience Stores	ADR971
THE AFFORDABLE HOME DOCTOR INC	1586 SE MARION ST	236118	Residential Remodelers	AMQ081
THE APOTHEKERRY LTD	3519 NE 15TH AVE STE 524	425120	Wholesale Trade Agents and Brokers	ADQ642
THE BARBERS LLC	8112 SE 13TH AVE	812111	Barber Shops	ADU017
THE BERGQUIST COMPANY	3226 NE 53RD AVE	423690	Other Electronic Parts and Equipment Merchant Wholesalers	ADN497
THE CAREFUL REMODELERS INC	2704 SE 65TH AVE	236118	Residential Remodelers	ADU101
THE CHEV CONNECTION INC	11834 SE STARK ST	441120	Used Car Dealers	ADU474
THE CHEVY STORE	8705 SE STARK ST	441310	Automotive Parts and Accessories Stores	AMP855
THE COOKIE MONKEY	6460 SE 128TH AVE	311812	Commercial Bakeries	ADT997
THE DANNON COMPANY	5508 NE ALBERTA ST	311520	Ice Cream and Frozen Dessert Manufacturing	ADQ289
THE FOUNDRY CLOTHING CO	5104 SE LONG ST	323113	Commercial Screen Printing	AMP242
THE GREEN SEED LLC	8723 SE STEPHENS ST	561730	Landscaping Services	ADS185
THE GSMP LLC	635 N KILLINGSWORTH CT	311991	Perishable Prepared Food Manufacturing	ADP934
THE MANN CONSTRUCTION LLC	2908 SE 118TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS602
THE NO LIMITS GROUP LLC	5701 NE 23RD AVE	533110	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	ADP783
THE PHIX HAIR STUDIO	5823 SE POWELL BLVD	812112	Beauty Salons	ADU086
THE PORTLAND ICE CREAM COMPANY	1210 N KILLINGSWORTH ST	424430	Dairy Product (except Dried or Canned) Merchant Wholesalers	AMT692
THE RETAIL OUTSOURCE	4200 SE 82ND AVE	425120	Wholesale Trade Agents and Brokers	ADT337
THE SERVICE CENTER	7215 NE SANDY BLVD	811412	Appliance Repair and Maintenance	ADQ839
THE STEEL YARD INC	6880 NE COLUMBIA BLVD	423510	Metal Service Centers and Other Metal Merchant Wholesalers	ANB161
THE VOLVO SHOP EASTSIDE	14721 SE STARK ST	811111	General Automotive Repair	ADS092
THE WASSERSTROM COMPANY	2221 NE MORGAN ST	425120	Wholesale Trade Agents and Brokers	APX001
THERMA-STOR LLC	2614 NE 59TH AVE	425120	Wholesale Trade Agents and Brokers	ADN492
THICKET	4815 NE 17TH AVE	424910	Farm Supplies Merchant Wholesalers	ADQ073
THOMAS C CARLSON	PO BOX 20764	561730	Landscaping Services	ABA321
THOMAS JAY CONSTRUCTION LLC	718 NE DEKUM ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADP362
THOMPCORP INC	3718 NE 33RD AVE	485320	Limousine Service	ADQ724
THOMPSON AUTO BODY INC	10310 SE FOSTER RD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADV182
THOR'S HAMMER DEMOLITION LLC	16024 SE KELLY ST	236118	Residential Remodelers	ADS776
THREE STAR MOVING	1636 SE 158TH AVE	484210	Used Household and Office Goods Moving	ADS463
TIEN NGUYEN	1108 NE 62ND AVE	561730	Landscaping Services	ADR484
TIENDA MEXICANA GONZALEZ INC	12441 SE POWELL BLVD	445120	Convenience Stores	ADW635
TIGER TIGER SALON INC	1808 NE ALBERTA ST	812112	Beauty Salons	ADQ052
TIM CHEN AUTO REPAIR LLC	12244 SE HOLGATE BLVD	811111	General Automotive Repair	ADU736
TIRE EMPIRE LLC	12417 SE FOSTER RD	441320	Tire Dealers	ADT685
TITAN CONSTRUCTION GROUP LLC	1020 NE 71ST AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR516
TOAST INC	403 SE 80TH AVE	321999	All Other Miscellaneous Wood Product Manufacturing	ADV724
TODDS TIRE FACTORY LLC	4215 SE 82ND AVE	441320	Tire Dealers	ADT305
TOM IDEN QUALITY LAWN CARE	11009 SE PARDEE ST	561730	Landscaping Services	ADV323
TOM NOLF CONSTRUCTION INC	5721 SE 77TH AVE	236118	Residential Remodelers	ADV000
TONYS CHOCOLONELY INC	4621 NE 16TH AVE	425120	Wholesale Trade Agents and Brokers	ADQ033

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Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
TOP LINE CONSTRUCTION LLC	6251 SE 136TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	AMT760
TOP MARKET INC	5287 N LOMBARD ST	445120	Convenience Stores	AAH273
TOP NAILS # 1 LLC	225 NE KILLINGSWORTH ST	812113	Nail Salons	ADP610
TOP PREMIER CONSTRUCTION LLC	4903 NE 10TH AVE	236220	Commercial and Institutional Building Construction	ADP984
TOTAL PHASE INC	5530 SE 67TH AVE	423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers	ACN979
TRACE BRASH CONSTRUCTION	3326 NE 12TH AVE	236118	Residential Remodelers	ADR067
TRADIV INC	4410 NE 17TH AVE	425110	Business to Business Electronic Markets	ADQ504
TRANS AUTO BODY INC	8301 SE DIVISION ST	811121	Automotive Body, Paint, and Interior Repair and Maintenance	ADP099
TRANSCENDIA INC	5829 MALLORY	425120	Wholesale Trade Agents and Brokers	ADP606
TRANSNATIONAL FOODS LLC	3524 SE 62ND AVE	424410	General Line Grocery Merchant Wholesalers	ADT255
TREASURE AUTO LLC	10740 SE DIVISION ST	441120	Used Car Dealers	ADW561
TREEHOUSE STICKERS LLC	1922 NE EMERSON ST	323111	Commercial Printing (except Screen and Books)	ADQ044
TREES PORTLAND LLC	1234 NE 102ND AVE	561730	Landscaping Services	ADR673
TRELLEBORG AUTOMOTIVE USA INC	5631 NE 25TH AVE	423840	Industrial Supplies Merchant Wholesalers	ADP809
TRI COUNTY METROPOLITAN TRANSPORTAT	9800 SE POWELL BLVD	485111	Mixed Mode Transit Systems	ADT378
TRICKS OF THE TRADES	4147 SE 64TH	236118	Residential Remodelers	ADT265
TRINIDAD INCORPORATED	13613 NE FREMONT	561740	Carpet and Upholstery Cleaning Services	ADR028
TRIPLE CROWN FOOD MARKET	8203 N DENVER AVE	445120	Convenience Stores	AMQ469
TRIPLE LINE INC	7711 SE 69TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADV905
TROUTWOOD INC	10134 SE STARK ST	447110	Gasoline Stations with Convenience Stores	ADS975
TRUCKING BUSINESS & BEYOND LLC	3435 NE 45TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ADR095
TUAN'S AUTO SERVICE LLC	1405 NE KILLINGSWORTH ST	811111	General Automotive Repair	ADP740
TURBOMECA USA INC	1204 SE MARION ST	423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	ADU208
TURSI FURBISH INC	7953 SE 13TH AVE	423850	Service Establishment Equipment and Supplies Merchant Wholesalers	ADU043
TYLEMERE INC	572 SE 82ND	532111	Passenger Car Rental	AMZ941
TYLER DEAN CONSTRUCTION INC	4028 NE 41ST AVE	236118	Residential Remodelers	ADQ738
U S ART COMPANY INC	6034 NE 8TH AVE	425120	Wholesale Trade Agents and Brokers	ADP673
UC MARKET	12540 SE DIVISION	445120	Convenience Stores	ADW628
U-HAUL CO OF OREGON	7345 NE SANDY BLVD	532120	Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing	ADQ940
UNION CAB CO	14415 SE STARK ST	485310	Taxi Service	ADS085
UNIQUE SOLUTIONS CONSTRUCTION INC	3917 SE 122ND AVE APT 38	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT409
UNIRAC INC	2361 SE 145TH AVE	423510	Metal Service Centers and Other Metal Merchant Wholesalers	ADS430
UNITED CARE MEDICAL TRANSPORT LLC	3109 SE 92ND AVE	485991	Special Needs Transportation	ADS556
UNITED TOTE COMPANY	7820 NE HOLMAN ST STE B1	532420	Office Machinery and Equipment Rental and Leasing	ANB185
UNITY FOOD LLC	4053 NE 33RD AVE	484220	Specialized Freight (except Used Goods) Trucking, Local	ADQ659
URBAN CHEESECREFT	222 NE 84TH AVE	424430	Dairy Product (except Dried or Canned) Merchant Wholesalers	AMP801
URBAN CONSTRUCTION INC	12527 SE LONG ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	APJ472
URBAN CRAFTSMEN CO	4807 NE 21ST AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ054
USED EQUIPMENT SOURCE	10104 SE ANKENY ST	423830	Industrial Machinery and Equipment Merchant Wholesalers	ADR897
USPS POR-CHERRY BLOSSOM DCU	10445 SE CHERRY BLOSSOM DR	491110	Postal Service	ADS981
USPS POR-CRESTON STA	5010 SE FOSTER	491110	Postal Service	ADS869
USPS POR-EASTPORT LENTS RETAIL A	3850 SE 82ND ST	491110	Postal Service	ADT352
USPS POR-KENTON STA	2130 N KILPATRICK	491110	Postal Service	ADN866
USPS POR-LENTS DCU	8100 SE CRYSTAL SPRINGS BLVD	491110	Postal Service	AMR553
USPS POR-MIDWAY STA	400 SE 103RD DR	491110	Postal Service	ADR942
USPS POR-PARKROSE STA	4048 N E 122ND AVE	491110	Postal Service	ADR025

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USPS POR-PIEDMONT STA	630 N E KILLINGSWORTH	491110	Postal Service	ADQ028
USPS POR-SELLWOOD RETAIL STA	6723 SE 16TH AVE	491110	Postal Service	AMQ085
V & M FLOOR AND CARPET CLEANING LLC	4415 NE 75TH AVE	561740	Carpet and Upholstery Cleaning Services	ADQ900
V.I.P COLLISION CENTER INC	6444 NE M L KING BLVD	811121	Automotive Body, Paint, and Interior Repair and Maintenance	AAN016
VACO SAN FRANCISCO LLC	5234 SE 65TH AVE	425120	Wholesale Trade Agents and Brokers	ADT658
VALUE TOWING AND AUTO REPAIR	1809 SE 122ND AVE	811111	General Automotive Repair	ADS290
VANS BP INC	5520 NE MARTIN LUTHER KING BLVD	447110	Gasoline Stations with Convenience Stores	ADP716
VENTURELOOP INC	7360 SE 62ND AVE	425120	Wholesale Trade Agents and Brokers	ADT899
VETERAN APPLIANCE SERVICE INC	1615 SE 88TH AVE	811412	Appliance Repair and Maintenance	ADS174
VICK HOMES INC	10960 NE EUGENE ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADR258
VICTORY CLEANING SERVICES LLC	4102 SE 97TH AVE	561720	Janitorial Services	ADT378
VIDEO SERVICES INC	15120 SE DIVISION ST	334614	Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing	ADS715
VIEVU	305 N MORGAN ST	423990	Other Miscellaneous Durable Goods Merchant Wholesalers	ADP303
VIKAS CLEANING LLC	13624 SE REEDWAY ST	561720	Janitorial Services	APQ219
VIKING ENGINEERING &	408 SE 99TH AVE STE A	236220	Commercial and Institutional Building Construction	ADV734
VIKING RANGE LLC	5333 NE WASCO ST	423620	Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers	ADR469
VINA AUTO CARE	8220 NE FREMONT	811111	General Automotive Repair	ADQ892
VINCE BUILDING MAINTENANCE LLC	1825 SE 89TH AVE	236220	Commercial and Institutional Building Construction	ADS185
VINYL DOCTOR LLC	8235 NE BEECH	811420	Reupholstery and Furniture Repair	ADQ946
VIP PERFORMANCE AUTO REPAIR INC	8216 NE SACRAMENTO ST	811111	General Automotive Repair	ANB429
VISKO TEEPAK LLC	215 NE 87TH AVE	424610	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers	ADV730
VITAN CONSTRUCTION	2025 SE 158TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS471
VNJ CLEANING LLC	3207 NE 111TH DR	561720	Janitorial Services	ADQ514
VOEGELE CONSTRUCTION LLC	11445 NE MORRIS ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ537
VOGUE NAILS ON WOODSTOCK LLC	4807 SE WOODSTOCK BLVD	812113	Nail Salons	ADU813
VOLARIS	16517 SE STEPHENS CT	492110	Couriers and Express Delivery Services	ADS510
VONS MOVING AND HAULING	5229 N HAIGHT AVE	484210	Used Household and Office Goods Moving	ADP956
VS AMERICA INC	5800 NE GOING ST	423210	Furniture Merchant Wholesalers	ADQ279
VU CARS CARE INC	7223 SE 39TH AVE	811111	General Automotive Repair	ACT439
WAGNER CLEANING SERVICES	14330 SE POWELL BLVD APT 1	561720	Janitorial Services	ADS705
WAH YUE CONSTRUCTION COMPANY LLC	2912 SE 76TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU143
WALDEN DELIVERS LLC	7225 SE TENINO ST	492210	Local Messengers and Local Delivery	ADV951
WALKER HOME IMPROVMENTS INC	3027 NE ALAMEDA ST	236118	Residential Remodelers	AAU333
WALL DESIGN BUILD INC	4001 NE 74TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADQ938
WALLYS AUTOMOTIVE IMPORTS	4815 NE 97TH AVE	811111	General Automotive Repair	AAS235
WARTSILA NORTH AMERICA INC	723 SE MALDEN ST	424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)	ADT760
WASHMAN AUTOSPA	11838 SE DIVISION ST	811192	Car Washes	ADS597
WAYNE'S MOBILE RV LLC	17108 SE DIVISION ST	811111	General Automotive Repair	ADS798
WE-BE CONSTRUCTION INC	5420 SE 41ST AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT573
WEBROOT INC	820 NE 73RD AVE	425120	Wholesale Trade Agents and Brokers	ADR581
WEILAND SLIDING DOORS & WINDOWS INC	5935 N CONCORD AVE	321911	Wood Window and Door Manufacturing	ADP533
WELDORS EQUIPMENT REPAIRS INC	7825 SE 64TH AVE	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ADV855
WERUVA INTERNATIONAL INC	8405 N DWIGHT AVE	425120	Wholesale Trade Agents and Brokers	ADN444
WEST COAST DEVELOPMENT OREGON LLC	12437 SE DIVISION ST	111998	All Other Miscellaneous Crop Farming	ADS308
WEST COAST LOADERS LTD	10324 NE HALSEY ST STE 9	488490	Other Support Activities for Road Transportation	ARL650
WEST OREGON TRANSPORT INC	12326 SE KELLY ST APT 1	484121	General Freight Trucking, Long-Distance, Truckload	ADS635

Appendix C

Business Name	Street Address	NAICS Code	NAICS Title	UIC ID
WESTERN ABRASIVES INC.	1170 NE 63RD AVE	327910	Abrasive Product Manufacturing	ADR508
WESTROCK SERVICES INC.	6328 SE 100TH AVE	423930	Recyclable Material Merchant Wholesalers	ADV118
WFJ EXTERIOR CLEANUP INC	12100 SE OAK ST	561790	Other Services to Buildings and Dwellings	ADR972
WGC INC	10311 N MACRUM AVE APT 4	561720	Janitorial Services	AMU235
WHITE DOG RESTORATIONS INC	1526 NE ALBERTA ST #216	236220	Commercial and Institutional Building Construction	ADQ071
WHY WAIT CONSTRUCTION LLC	3112 SE 56TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU080
WILD PORTLAND NATURE CARE	6416 N CAMPBELL AVE UNIT A	561730	Landscaping Services	ADP517
WILDWOOD REMODELING AND REPAIR	305 NE 78TH AVE	236118	Residential Remodelers	AMP959
WILLARD POWER VAC INC	15620 NE GLISAN ST	561790	Other Services to Buildings and Dwellings	ADS140
WILLIAM D HERBOTH REMODELLING INC	6006 NE RODNEY AVE	236118	Residential Remodelers	ADP606
WIND THIN	4802 NE HOLMAN ST	561730	Landscaping Services	ADP867
WINDOWSTRONG INC	12110 E BURNSIDE ST	236118	Residential Remodelers	ADR971
WIRED IREPAIR ALBERTA	3008 NE ALBERTA ST	811212	Computer and Office Machine Repair and Maintenance	ADQ127
WISDOM WORKFORCE DEVELOPMENT LLC	3203 SE 109TH AVE	561730	Landscaping Services	ADS583
WISE ENERGY	2314 N SARATOGA ST	236118	Residential Remodelers	ADP200
WITHAM & DICKEY INC	4824 NE 42ND AVE	323111	Commercial Printing (except Screen and Books)	ADQ197
WONDERFUL SALES LLC	14305 NE FREMONT CT	425120	Wholesale Trade Agents and Brokers	ADQ596
WOOD PARTNERS	4415 NE 40TH AVE	236116	New Multifamily Housing Construction (except For-Sale Builders)	ADQ734
WOODLAND HOME SERVICES LLC	5308 SE FOSTER RD	236118	Residential Remodelers	ADT183
WOODLEE-GREER & ASSOCIATES	709 NE 102ND AVE	425120	Wholesale Trade Agents and Brokers	ADR616
WOODS GENERAL CONTRACTING LLC	8557 SE HARNEY ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	APG736
WORLD ADDRESS LLC	6600 NE 78TH CT STE A3	488510	Freight Transportation Arrangement	ANB185
WORLD WIDE JANITORIAL SERVICES &	8105 SE DUKE ST STE A	561720	Janitorial Services	ADV037
WRIGHT BUSINESS FORMS	9943 E BURNSIDE ST	323111	Commercial Printing (except Screen and Books)	ADR893
WRIGHT MEDICAL TECHNOLOGY INC	7575 N HEPPNER AVE	423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers	ADN376
WU'S INTEGRITY CONSTRUCTION LLC	3952 SE 100TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT366
WYCKAM LLC	7304 NE M L KING BLVD	314910	Textile Bag and Canvas Mills	ADP387
XING HUNG INTERNATIONAL INC	5201 SE 87TH AVE	425120	Wholesale Trade Agents and Brokers	ADU645
X-TREME REMODELING LLC	5007 SE 99TH AVE	236118	Residential Remodelers	ADU700
YARED MEDICAL TRANSPORTATION LLC	9516 N DWIGHT AVE	485991	Special Needs Transportation	ANT700
YORCK FRANKEN CONSTRUCTION LLC	3548 SE 76TH AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADT273
YOU MOVE ME PORTLAND	1324 NE 79TH AVE	484210	Used Household and Office Goods Moving	ADR555
YOUNGS INC	17024 SE NAEGELI DR APT 2	425120	Wholesale Trade Agents and Brokers	ANF946
YU & EL TRANSPORT CO	8433 SE BUSH ST	484121	General Freight Trucking, Long-Distance, Truckload	ADT347
YUECHAN CONSTRUCTION COMPANY	1011 NE 109TH AVE	236118	Residential Remodelers	ADR653
YUMMY SPOONFULS	1319 NE WEBSTER ST	424420	Packaged Frozen Food Merchant Wholesalers	ADP989
YURYS ALL TYPE CONTRUCTION INC	2711 SE 133RD AVE	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADS658
Z & M CABINET LLC	9234 SE DIVISION ST	337110	Wood Kitchen Cabinet and Countertop Manufacturing	ADS551
ZAV TRANSPORT LLC	3746 SE 134TH AVE	484121	General Freight Trucking, Long-Distance, Truckload	ANB021
ZB CONSTRUCTION	12728 SE STEELE ST	236115	New Single-Family Housing Construction (except For-Sale Builders)	ADU743
ZETA INTERACTIVE CORP	11752 SE WASHINGTON ST	425120	Wholesale Trade Agents and Brokers	ADU441
ZG TRANSPORTATION LLC	8235 SE 75TH PL	492210	Local Messengers and Local Delivery	ADV951
ZILLION EQUIPMENT REPAIR LLC	3734 SE 130TH AVE	811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance	ADT439
ZOIGLHAUS BREWING COMPANY	5716 SE 92ND AVE	312120	Breweries	ADV078
ZUZU SALON	4940 NE 16TH AVE	812112	Beauty Salons	ADQ071

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Appendix B
UICs Added and Removed from Service
During FY 2019–20

(Closure reports are provided on a separate CD)

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Appendix B: UIC Records Added to the UIC Registration Database (2019-2020)

UNIT ID	UIC #	Well #	Date Updated	DEQ Type Code	Well Depth and Diameter	Max Discharge Rate (gpm)	DEQ Waste Type	Operational Status	Install Date	Maintenance Period (years)	Location	Latitude	Longitude	Distance to Nearest Water Well (feet)	Distance to Nearest Wetland (feet)	Distance to Nearest Surface Water (feet)	Separation Distance to Groundwater (feet)	Size of Impervious Area (square feet)	Sub-basin
ABW228	10102	6835	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000 ¹	1 ²	AC ³	11/16/1978	10	2200 SE 96th Dr	45.506077	-122.563456	2078	9450	7625	90 ⁴	37472 ⁵	Lower Willamette
ABW230	10102	6836	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC	11/16/1978	10	2370 SE 96th Dr	45.505731	-122.563154	2097	9306	7719	88 ⁴	37472	Lower Willamette
ABW232	10102	6837	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC	11/16/1978	10	2400 SE 96th Dr	45.505527	-122.563098	2084	9234	7747	87 ⁴	37472	Lower Willamette
ADR898	10102	8342	7/1/2020	5D2	Unknown' (deep) & Unknown' (dia)	1000	1	AC	11/27/1987	10	5700 N Cleveland	45.522749	-122.558045	6047	6917	7708	135 ⁴	37472	Lower Willamette
ARX726	10102	9520	7/1/2020	5D2	30' (deep) & 4' (dia)	1000	1	UC ⁶	11/2/2017	4	3316 SE 131st Ave	45.498076	-122.528409	985	9782	9865	45	10000	Lower Willamette
APN236	10102	9534	7/1/2020	5D2	Unknown' (deep) & 0.67' (dia)	1000	1	AC	6/2/2011	10	6324 NE Sumner St	45.55957	-122.597464	861	6388	5755	46 ⁴	858	Lower Willamette
R00339	10102	9712	7/1/2020	5D2	Unknown' (deep) & 0.67' (dia)	1000	1	AC	Unknown ⁷	10	4930 SE 115th Ave	45.486084	-122.54448	1042	4612	4330	121 ⁴	25518	Lower Willamette
R00663	10102	10053	7/1/2020	5D2	30' (deep) & 4' (dia)	770	1	UC	n/a ⁸	4	723 SE 155th Ave	45.517083	-122.504417	2679	11519	6234	109	36300	Lower Willamette
R00664	10102	10054	7/1/2020	5D2	5' (deep) & 0.67' (dia)	1870	1	UC	n/a	4	1636 SE 92nd Ave	45.510778	-122.568806	2991	416	772	5	5660	Lower Willamette
R00665	10102	10055	7/1/2020	5D2	5' (deep) & 0.67' (dia)	43	1	UC	n/a	4	4429 N Suttle Rd	45.616435	-122.715693	2937	405	783	5	9234	Lower Willamette
R00639	10102	10056	7/1/2020	5D2	5' (deep) & 0.67' (dia)	67	1	UC	n/a	4	4429 N Suttle Rd	45.616385	-122.715666	2786	425	760	5	5511	Lower Willamette
R00640	10102	10057	7/1/2020	5D2	5' (deep) & 0.67' (dia)	43	1	UC	n/a	4	4429 N Suttle Rd	45.616357	-122.715468	2599	438	745	5	11617	Lower Willamette
R00641	10102	10058	7/1/2020	5D2	5' (deep) & 0.67' (dia)	89	1	UC	n/a	4	4429 N Suttle Rd	45.616353	-122.715365	2470	480	734	5	9514	Lower Willamette
R00642	10102	10059	7/1/2020	5D2	5' (deep) & 0.67' (dia)	72	1	UC	n/a	4	4429 N Suttle Rd	45.616181	-122.71486	2422	472	729	5	7298	Lower Willamette
R00643	10102	10060	7/1/2020	5D2	5' (deep) & 0.67' (dia)	54	1	UC	n/a	4	4429 N Suttle Rd	45.616121	-122.714641	2311	356	757	5	5064	Lower Willamette
R00644	10102	10061	7/1/2020	5D2	5' (deep) & 0.67' (dia)	36	1	UC	n/a	4	4101 N Suttle Rd	45.6158	-122.713952	2195	357	756	5	6404	Lower Willamette
R00645	10102	10062	7/1/2020	5D2	5' (deep) & 0.67' (dia)	48	1	UC	n/a	4	4101 N Suttle Rd	45.615804	-122.713959	2154	363	757	5	6404	Lower Willamette
R00646	10102	10063	7/1/2020	5D2	5' (deep) & 0.67' (dia)	48	1	UC	n/a	4	4101 N Suttle Rd	45.615576	-122.713315	2115	566	760	5	5511	Lower Willamette
R00647	10102	10064	7/1/2020	5D2	5' (deep) & 0.67' (dia)	42	1	UC	n/a	4	4101 N Suttle Rd	45.61506	-122.712017	2025	591	757	5	8489	Lower Willamette
R00648	10102	10065	7/1/2020	5D2	5' (deep) & 0.67' (dia)	63	1	UC	n/a	4	4047-4055 N Suttle Rd	45.61503	-122.711908	2013	686	684	5	6702	Lower Willamette
R00649	10102	10066	7/1/2020	5D2	5' (deep) & 0.67' (dia)	49	1	UC	n/a	4	4047-4055 N Suttle Rd	45.613636	-122.708177	1994	624	758	5	8787	Lower Willamette
R00650	10102	10067	7/1/2020	5D2	5' (deep) & 0.67' (dia)	67	1	UC	n/a	4	3747 N SSuttle Rd	45.614789	-122.7113	1994	571	762	5	7000	Lower Willamette
R00651	10102	10068	7/1/2020	5D2	5' (deep) & 0.67' (dia)	54	1	UC	n/a	4	3747 N SSuttle Rd	45.615045	-122.711991	2012	646	759	5	5809	Lower Willamette
R00652	10102	10069	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	44	1	AC	Unknown	4	3625 N SSuttle Rd	45.614929	-122.711669	1815	4816	4822	90 ⁴	37472	Lower Willamette
ASH380	10102	10070	7/1/2020	5D2	30' (deep) & 4' (dia)	1000	1	UC	n/a	4	6631 SE 62nd St	45.474665	-122.599696	1023	2014	1533	23	6574	Lower Willamette
R00654	10102	10071	7/1/2020	5D2	30' (deep) & 4' (dia)	355	1	AC	Unknown	4	6201 SE 128th Ave	45.477588	-122.532223	4786	5607	3941	77	3090	Lower Willamette
ASM091	10102	10072	7/1/2020	5D2	30' (deep) & 4' (dia)	162	1	UC	n/a	4	7602 N Wall Ave.	45.584973	-122.729434	2104	3733	3247	74	16500	Lower Willamette
R00666	10102	10074	7/1/2020	5D2	30' (deep) & 4' (dia)	850	1	AC	Unknown	4	NE Killingsworth and NE 62nd Ave	45.562886	-122.599278	1507	2508	2551	65	22215	Lower Willamette
ASJ911	10102	10075	7/1/2020	5D2	4' (deep) & 0.67' (dia)	663	1	UC	n/a	4	NE 42nd Ave and Ainsworth St	45.567519	-122.620178	2432	4286	7605	46	1600	Lower Willamette
R00668	10102	10076	7/1/2020	5D2	15' (deep) & 4' (dia)	44	1	UC	n/a	4	2943 SE 145th Ave	45.500693	-122.51373	804	3238	4202	10	50241	Lower Willamette
R00669	10102	10077	7/1/2020	5D2	30' (deep) & 4' (dia)	1000	1	UC	n/a	4	4560 SE 136th Ave	45.488955	-122.523611	624	2323	2589	12	7752	Lower Willamette
R00670	10102	10078	7/1/2020	5D2	22' (deep) & 4' (dia)	411	1	UC	n/a	4	5555 SE 136th Ave	45.482585	-122.523588	658	4221	5275	5	21442	Lower Willamette
R00671	10102	10079	7/1/2020	5D2	30' (deep) & 4' (dia)	1137	1	UC	n/a	4	4103 SE 136th Ave	45.492487	-122.52356	192	1637	1311	21	14900	Lower Willamette
R00672	10102	10080	7/1/2020	5D2	30' (deep) & 4' (dia)	770	1	UC	n/a	4	7100 NE Columbia Blvd	45.566854	-122.590122	260	1610	1261	19	11200	Lower Willamette
R00673	10102	10081	7/1/2020	5D2	20' (deep) & 4' (dia)	580	1	UC	n/a	4	7313 W NE Columbia Blvd	45.566919	-122.589572	537	1416	1005	15	14900	Lower Willamette
R00674	10102	10082	7/1/2020	5D2	20' (deep) & 4' (dia)	770	1	UC	n/a	4	7313 NE Columbia Blvd	45.56751	-122.588301	542	1390	979	18	14900	Lower Willamette
R00677	10102	10083	7/1/2020	5D2	20' (deep) & 4' (dia)	770	1	UC	n/a	4	7313 NE Columbia Blvd	45.56758	-122.588296	554	1330	919	18	8500	Lower Willamette
R00676	10102	10084	7/1/2020	5D2	20' (deep) & 4' (dia)	900	1	UC	n/a	4	7313 NE Columbia Blvd	45.567745	-122.5883	562	1305	895	6	8500	Lower Willamette
R00678	10102	10085	7/1/2020	5D2	22' (deep) & 4' (dia)	900	1	UC	n/a	4	7313 NE Columbia Blvd	45.567813	-122.588297	666	4209	5262	5	21446	Lower Willamette
R00678	10102	10086	7/1/2020	5D2	30' (deep) & 4' (dia)	1137	1	AC	Unknown	4	4041 SE 136th Ave	45.492446	-122.523558	3166	4762	6806	151	37472	Lower Willamette
ASJ796	10102	10087	7/1/2020	5D2	30' (deep) & 4' (dia)	1000	1	UC	n/a	4	1700 NE 102nd Ave	45.534605	-122.557607	826	9751	10652	110	9600	Lower Willamette
R00681	10102	10088	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	670	1	AC	Unknown	4	10641 SE Stark St	45.519023	-122.553823	851	9726	10645	110 ⁴	37472	Lower Willamette
ASJ136	10102	10089	7/1/2020	5D2	24' (deep) & 4' (dia)	1000	1	AC	Unknown	10	10641 SE Stark St	45.519081	-122.553879	1143	8635	10294	65	37472	Lower Willamette
ASJ223	10102	10090	7/1/2020	5D2	20' (deep) & 4' (dia)	1000	1	UC	n/a	10	12102 SE Division St	45.503937	-122.537774	810	10058	5204	108	15295	Lower Willamette
R00682	10102	10091	7/1/2020	5D2	10.1' (deep) & 4' (dia)	817	1	UC	n/a	4	8658 SE Division St	45.50452	-122.573572	870	9327	6668	112	1913	Lower Willamette
R00683	10102	10092	7/1/2020	5D2	20' (deep) & 4' (dia)	108	1	UC	n/a	4	9245 SE Division St	45.504554	-122.567644	870	9327	6668	102	6656	Lower Willamette
R00684	10102	10093	7/1/2020	5D2	12.2' (deep) & 4' (dia)	360	1	UC	n/a	4	9226 SE Division St	45.504554	-122.567644	2086	8640	8539	108	1828	Lower Willamette
R00685	10102	10094	7/1/2020	5D2	13.1' (deep) & 4' (dia)	99	1	UC	n/a	4	10011 SE Division St	45.504416	-122.560223	1864	8444	8718	110	12090	Lower Willamette
R00686	10102	10095	7/1/2020	5D2	20' (deep) & 4' (dia)	647	1	UC	n/a	4	2517 SE 101st Ave	45.503961	-122.559641	1866	8530	8798	102	14996	Lower Willamette
R00687	10102	10096	7/1/2020	5D2	13.3' (deep) & 4' (dia)	799	1	UC	n/a	4	10114 SE Division St	45.504265	-122.559236	1920	8583	8762	108	4266	Lower Willamette
R00688	10102	10097	7/1/2020	5D2	15.4' (deep) & 4' (dia)	234	1	UC	n/a	4	10105 SE Division St	45.504398	-122.559343	2185	8271	10183	93	8907	Lower Willamette
R00689	10102	10098	7/1/2020	5D2	12.7' (deep) & 4' (dia)	476	1	UC	n/a	4	11230 SE Division St	45.504139	-122.547326	1826	8353	10169	89	6781	Lower Willamette
R00690	10102	10099	7/1/2020	5D2	20' (deep) & 4' (dia)	306	1	UC	n/a	4	2450 SE 115th Ave	45.504266	-122.544533	1253	6050	5827	43	1846	Lower Willamette
R00691	10102	10100	7/1/2020	5D2	11.5' (deep) & 4' (dia)	369	1	UC	n/a	4	11622 SE Division St	45.504077	-122.543191	1544	8492	10257	87	4345	Lower Willamette
R00692	10102	10101	7/1/2020	5D2	20' (deep) & 4' (dia)	234	1	UC	n/a	4	11911 SE Division St	45.504205	-122.541268	1186	8637	10306	70	12281	Lower Willamette
R00693	10102	10102	7/1/2020	5D2	12.2' (deep) & 4' (dia)	656	1	UC	n/a	4	12154 SE Division St	45.504016	-122.538112	1156	8691	10363	78	14798	Lower Willamette
R00694	10102	10103	7/1/2020	5D2	11.7' (deep) & 4' (dia)	790	1	UC	n/a	4	12141 SE Division St	45.504179	-122.538155	917	8794	10430	76	6498	Lower Willamette
R00695	10102	10104	7/1/2020	5D2	20' (deep) & 4' (dia)	351	1	UC	n/a	4	12323 SE Division St	45.504181	-122.53684	1591	7787	9682	53	4190	Lower Willamette
R00696	10102	10105	7/1/2020	5D2	12' (deep) & 4' (dia)	1000	1	UC	n/a	4	13008 SE Division St	45.503988	-122.529264	2214	7086	9363	57	1	

UNIT ID	UIC #	Well #	Date Updated	DEQ Type Code	Well Depth and Diameter	Max Discharge Rate (gpm)	DEQ Waste Type	Operational Status	Install Date	Maintenance Period (years)	Location	Latitude	Longitude	Distance to Nearest Water Well (feet)	Distance to Nearest Wetland (feet)	Distance to Nearest Surface Water (feet)	Separation Distance to Groundwater (feet)	Size of Impervious Area (square feet)	Sub-basin
R00698	10102	10107	7/1/2020	5D2	20' (deep) & 4' (dia)	117	1	UC	n/a	4	13608 SE Division St	45.504001	-122.523457	3112	5690	8863	37	15256	Lower Willamette
R00699	10102	10108	7/1/2020	5D2	10.4' (deep) & 4' (dia)	817	1	UC	n/a	4	14222 SE Division St	45.504057	-122.516396	2501	5275	8721	45	9137	Lower Willamette
R00700	10102	10109	7/1/2020	5D2	12.6' (deep) & 4' (dia)	494	1	UC	n/a	4	14725 SE Division St	45.504298	-122.511051	2356	5227	8579	40	3613	Lower Willamette
R00701	10102	10110	7/1/2020	5D2	11.6' (deep) & 4' (dia)	198	1	UC	n/a	4	14815 SE Division St	45.504307	-122.510164	908	5297	7484	44	1651	Lower Willamette
R00702	10102	10111	7/1/2020	5D2	13.4' (deep) & 4' (dia)	90	1	UC	n/a	4	15649 SE Division St	45.504502	-122.501789	924	5274	7402	44	1236	Lower Willamette
R00703	10102	10112	7/1/2020	5D2	15.9' (deep) & 4' (dia)	72	1	UC	n/a	4	2598 SE 157th Ave	45.504381	-122.501407	1272	5674	6959	44	3805	Lower Willamette
R00704	10102	10113	7/1/2020	5D2	11.8' (deep) & 4' (dia)	207	1	UC	n/a	4	16140 SE Division St	45.5045	-122.496961	1356	5789	6955	49	6296	Lower Willamette
R00705	10102	10114	7/1/2020	5D2	11' (deep) & 4' (dia)	333	1	UC	n/a	4	16211 SE Division St	45.504654	-122.496355	2245	5738	4474	52	8935	Lower Willamette
R00706	10102	10115	7/1/2020	5D2	10.7' (deep) & 4' (dia)	485	1	UC	n/a	4	17405 SE Division St	45.504679	-122.484013	2132	8372	10224	93	5714	Lower Willamette
R00707	10102	10116	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	108	1	AC	Unknown	4	16902 SE Division St	45.504521	-122.489417	2712	11903	3637	112 ⁴	37472	Lower Willamette
ASG813	10102	10117	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC	4/13/2018	4	3722 SE 54th Ave	45.495648	-122.607176	2284	11340	3750	109 ⁴	37472	Lower Willamette
ASK287	10102	10118	7/1/2020	5D2	31.7' (deep) & 4' (dia)	1000	1	AC	Unknown	10	2025 SE 82nd Ave	45.508381	-122.578776	2826	6654	5513	101	37472	Lower Willamette
ASK284	10102	10119	7/1/2020	5D2	30' (deep) & 4' (dia)	1000	1	UC	n/a	10	2305 SE 82nd Ave	45.506248	-122.578769	2593	3051	2581	56	18000	Lower Willamette
R00708	10102	10120	7/1/2020	5D2	30' (deep) & 4' (dia)	930	1	UC	n/a	4	6004 NE Simpson St	45.565113	-122.60058	2453	2596	2160	39	22500	Lower Willamette
R00709	10102	10121	7/1/2020	5D2	30' (deep) & 4' (dia)	1310	1	AC	Unknown	4	5970 NE 60th Ave	45.566452	-122.600706	1021	1168	718	33	20900	Lower Willamette
ASL777	10102	10122	7/1/2020	5D2	30' (deep) & 4' (dia)	1124	1	AC	Unknown	4	SE 137th and Claybourne St	45.474801	-122.522237	1224	1125	493	34	10890	Lower Willamette
R00711	10102	10123	7/1/2020	5D2	0' (deep) & 0' (dia)	300	1	AC	Unknown	4	4601 SE 118th Ave	45.488583	-122.542065	1034	8042	9022	145	37472	Lower Willamette
ASL779	10102	10124	7/1/2020	5D2	16.5' (deep) & 4' (dia)	580	1	AC	Unknown	4	SE Glenwood St and SE 139th Ave	45.474283	-122.521363	1998	11229	7343	114	37472	Lower Willamette
ASG161	10102	10125	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC	Unknown	4	9602 SE Market St	45.51096	-122.564482	2141	6697	5530	108 ⁴	37472	Lower Willamette
ASK733	10102	10126	7/1/2020	5D2	4' (deep) & 0.67' (dia)	1000	1	UC	n/a	4	1012 NE 57th Ave	45.530379	-122.605147	1579	5073	6785	36	521	Lower Willamette
R00713	10102	10127	7/1/2020	5D2	30' (deep) & 4' (dia)	175	1	UC	n/a	4	12427 SE Center St	45.4933	-122.5349	1909	2802	2364	41	18500	Lower Willamette
R00714	10102	10128	7/1/2020	5D2	30' (deep) & 4' (dia)	980	1	UC	n/a	4	6360 NE Simpson St	45.565112	-122.597478	2745	1457	2095	22	4230	Lower Willamette
R00715	10102	10129	7/1/2020	5D2	29' (deep) & 4' (dia)	224	1	AC	Unknown	4	NE 10th, near NE Lombard St	45.57703	-122.65483	755	5336	7152	38	37472	Lower Willamette
ASL056	10102	10130	7/1/2020	5D2	Unknown' (deep) & 0.67' (dia)	1000	1	AC	Unknown	4	11546 SE Powell Ct	45.495837	-122.5445	1187	988	1060	13 ⁴	37472	Lower Willamette
ASL539	10102	10131	7/1/2020	5D2	25' (deep) & 4' (dia)	1000	1	AC	4/21/2017	4	8921 SE Harney St	45.463417	-122.571717	414	3028	4589	7	21250	Lower Willamette
ASL538	10102	10132	7/1/2020	5D2	Unknown' (deep) & 0.67' (dia)	1000	1	AC	4/21/2017	4	8921 SE Harney St	45.463335	-122.57168	1175	988	1060	13 ⁴	37472	Lower Willamette

Notes:

1 Default value = 1000 gallons per minute

2 Stormwater = 1

3 AC = Active

4 Separation distance estimated due to unknown depth

5 Default value = 37,472 square feet

6 UC = Not built or Under construction

7 Install date is not applicable since UIC is not built or under construction

Appendix B: UIC Records Removed from the UIC Registration Database (2019-2020)

UNIT ID	UIC #	Well #	Date Updated	DEQ Type Code	Well Depth and Diameter	Max Discharge Rate (gpm)	DEQ Waste Type	Operational Status	Install Date	Maintenance Period (years)	Location	Latitude	Longitude	Distance to Nearest Water Well (feet)	Distance to Nearest Wetland (feet)	Distance to Nearest Surface Water (feet)	Separation Distance to Groundwater (feet)	Size of Impervious Area (square feet)	Sub-basin
ANB407	10102	432	7/1/2020	5D2	Unknown' (deep) & 4' (dia)		1	AC		10	8203 NE BROADWAY	45.53504	-122.578839	2449	2421	2076	130		Lower Willamette
ADV383	10102	3102	7/1/2020	5D2	21' (deep) & 4' (dia)	1000	1	AC	1/1/1997	10	6310 NE SIMPSON ST	45.56427	-122.59912	2430	3297	2749	70	68226	Lower Willamette
AAZ078	10102	4237	7/1/2020	5D2	11' (deep) & 4' (dia)	1000	1	PA		10	8000 NE SISKIYOU ST	45.54453	-122.580835	1380	1424	1333	174	54336	Lower Willamette
AMQ385	10102	283	7/1/2020	5D2	20' (deep) & 4' (dia)	1000	1	PA		10	12301 NE GLISAN ST	45.52637	-122.536279	1914	10563	10501	100	77026	Lower Willamette
ADR715	10102	8362	7/1/2020	5D2	28.6' (deep) & 4' (dia)	1000	1	PA	5/2/2000	4	1217 NE 122ND AVE	45.53235	-122.537755	1520	9605	9528	95	60161	Lower Willamette
ABJ936	10102	8482	7/1/2020	5D2	17' (deep) & 4' (dia)	1000	1	AC	7/5/1979	10	1000 NE 162ND AVE	45.52988	-122.496111	2150	5902	5669	108	37472	Lower Willamette
ABJ934	10102	8480	7/1/2020	5D2	17.5' (deep) & 4' (dia)	1000	1	AC	7/5/1979	10	1300 NE 162ND AVE	45.53256	-122.495896	1314	5029	4691	97	37472	Lower Willamette
ABJ937	10102	8483	7/1/2020	5D2	18' (deep) & 4' (dia)	1000	1	AC	7/5/1979	10	747 NE 162ND AVE	45.52869	-122.496207	1805	6299	6103	105	37472	Lower Willamette
ABJ938	10102	8484	7/1/2020	5D2	15' (deep) & 4' (dia)	1000	1	AC	7/5/1979	10	621 NE 162ND AVE	45.52749	-122.496305	1504	6704	6531	103	37472	Lower Willamette
ADU359	10102	7949	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC		10	8200 SE WASHINGTON ST	45.51835	-122.578913	5251	8288	4853	132	61244	Lower Willamette
ADT263	10102	6204	7/1/2020	5D2	30.7' (deep) & 4' (dia)	1000	1	PA	1/1/1998	4	4104 SE 62ND AVE	45.49294	-122.599444	5039	7639	5923	95	46739	Lower Willamette
AMZ834	10102	577	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC		10	2824 SE 130TH AVE	45.50157	-122.52952	1715	7307	6825	35	9648	Lower Willamette
AMZ774	10102	576	7/1/2020	5D2	9.5' (deep) & 4' (dia)	1000	1	AC		10	2930 SE 130TH AVE	45.50071	-122.529501	1492	7131	6606	53	10839	Lower Willamette
ADV285	10102	5830	7/1/2020	5D2	30.4' (deep) & 4' (dia)	1000	1	NB		10	5329 SE 74TH AVE	45.48389	-122.586663	4627	6961	7079	64	37472	Lower Willamette
AMZ750	10102	587	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC		10	806 SE 151ST AVE	45.5166	-122.507012	1266	9600	8745	49	17492	Lower Willamette
ADW481	10102	7252	7/1/2020	5D2	30' (deep) & 4' (dia)	1000	1	AC	1/1/1997	10	1701 SE 135TH AVE	45.51136	-122.525009	640	9103	9132	63	204833	Lower Willamette
ADW503	10102	907	7/1/2020	5D2	20' (deep) & 4' (dia)	1000	1	AC	1/20/1998	10	17141 SE STEPHENS ST	45.50934	-122.486429	1521	6676	4914	39	497	Lower Willamette
ADW504	10102	7173	7/1/2020	5D2	20' (deep) & 4' (dia)	1000	1	AC	1/20/1998	10	16939 SE STEPHENS ST	45.50969	-122.488396	1171	7192	5428	38	37472	Lower Willamette
APJ384	10102	9155	7/1/2020	5D2	2' (deep) & 2' (dia)		1	PA		10	6100 NE 37TH AVE	45.5666	-122.624343	3100	2843	2855	108	37472	Lower Willamette
APL033	10102	9557	7/1/2020	5D2	Unknown' (deep) & Unknown' (dia)		1	AC		10	5000 N WILLAMETTE BLVD	45.57379	-122.729783	1171	5783	1116	44	37472	Lower Willamette
ABJ939	10102	8485	7/1/2020	5D2	16.5' (deep) & 4' (dia)	1000	1	AC	7/5/1979	10	1200 NE 162ND AVE	45.53152	-122.495979	1671	5362	5069	104	37472	Lower Willamette
ABJ935	10102	8481	7/1/2020	5D2	16' (deep) & 4' (dia)	1000	1	AC	7/5/1979	10	1100 NE 162ND AVE	45.53068	-122.496047	1968	5639	5378	111	37472	Lower Willamette
ADW480	10102	1198	7/1/2020	5D2	19.8' (deep) & 4' (dia)	1000	1	AC	1/1/1997	10	2135 SE 135TH AVE	45.50716	-122.525015	1695	7856	7761	58	11444	Lower Willamette
ADW695	10102	6550	7/1/2020	5D2	30' (deep) & 4' (dia)	1000	1	NB	10/8/1996	10	3910 SE 62ND AVE	45.49435	-122.599405	4820	7912	5422	96	37472	Lower Willamette
ADV246	10102	6196	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC		10	16845 SE POWELL BLVD	45.49368	-122.488806	1656	2448	1548	30	37472	Lower Willamette
ACR905	10102	9539	7/1/2020	5D2	3' (deep) & Unknown' (dia)	1000	1	NB		10	6787 SW 30TH AVE	45.47569	-122.707781	7341	1240	858	175	37472	Lower Willamette
ANA135	10102	808	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	PA	11/16/1978	10	9790 SE CARUTHERS ST	45.50542	-122.562544	2205	9151	7891	86	8384	Lower Willamette
ADW318	10102	5469	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	AC	3/9/1995	10	6109 SE 128TH AVE	45.47802	-122.533074	975	1775	1660	17	9513	Lower Willamette
ADW319	10102	292	7/1/2020	5D2	20' (deep) & 4' (dia)	1000	1	AC	3/9/1995	10	6107 SE 128TH AVE	45.47805	-122.532549	1074	1908	1691	28	28473	Lower Willamette
ANS325	10102	9375	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	NB	11/27/2007	10	8808 N TYNDALL AVE	45.58614	-122.693192	3337	2284	1659	34	37472	Lower Willamette
R00339	10102	9712	7/1/2020	5D2	5' (deep) & 0.67' (dia)	1000	1	NB		10	4930 SE 115TH AVE	45.48608	-122.54448	239	1932	3601	24	37472	Lower Willamette
R00344	10102	9717	7/1/2020	5D2	5' (deep) & 0.67' (dia)	1000	1	NB		10	7121 SE 64TH	45.47144	-122.597214	2999	4285	4389	106	37472	Lower Willamette
ARJ106	10102	9926	7/1/2020	5D2	17' (deep) & Unknown' (dia)		1	PA		10	13440 NE SHAVER ST	45.55268	-122.524518	1139	2987	2661	16		Lower Willamette
ADW789	10102	5016	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	PA		10	7200 SE 82ND AVE	45.47107	-122.57915	2802	2080	2130	20	24884	Lower Willamette
ADW790	10102	5017	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	PA		10	7300 SE 82ND AVE	45.47054	-122.579147	2616	1902	1988	18	15461	Lower Willamette
ADW787	10102	5015	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	PA		10	8200 SE FLAVEL ST	45.46875	-122.579143	1996	1328	1401	9	141204	Lower Willamette
AAM813	10102	10154	7/1/2020	5D2	11' (deep) & 4' (dia)		1	PA		10	5700 NE CLEVELAND	45.522749	-122.558045	6047	6917	7708	135		Lower Willamette
AMZ758	10102	426	7/1/2020	5D2	Unknown' (deep) & 4' (dia)	1000	1	NB		10	15220 SE HARRISON	45.506	-122.509	1034	6759	5969	24	22396	Lower Willamette

Notes:

AC = Active

UC = Under construction

NB = Not built, or does not exist

PA = Plugged or abandoned

I = Stormwater

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Appendix C
Spills That Have Occurred within Areas Serviced by UICs

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Appendix C

Appendix C: Spills That Have Occurred within Areas Serviced by UICs

Date	Release Type	Volume	Spill Location	Did Fluids Reach City-owned UIC? (Y/N)	Closest City-owned UIC
7/5/2019	Dirt and debris	Unknown	4423 NE 30th Avenue	N	ADQ686
7/16/2019	Sewage	Unknown	1138 NE 128th Avenue	N	ADR737
7/17/2019	Auto fluids	Unknown	NE 35th Avenue & NE Alberta Court	N	ADQ171
7/17/2019	Auto fluids	Unknown	1406 N Winchell St	N	ADN916
7/26/2019	Construction discharge	Unknown	7115 NE Prescott Street	N	ADQ842
8/5/2019	Oil	Unknown	2801 SE 145th Avenue	N	ANA125
8/12/2019	Auto fluids	Unknown	NE 82nd Avenue NE Hancock Street	N	ABD755 ADR218
8/14/2019	Heating oil	Unknown	7528 NE Hoyt Street	N	ADR591
8/19/2019	Auto fluids	Unknown	10805 SE Schiller Street	N	ADV327
8/26/2019	Fire fighting fluids	Unknown	8500 block of NE Siskiyou St	Y	ADN600
8/27/2019		Unknown	5826 N Delaware Avenue	N	ADP477
9/4/2019	Concrete discharge	Unknown	6329 SE Tolman Street	N	ADU944
9/12/2019	Sewage	2250 gal	2609 SE 145th Avenue	Y	ANA125
9/13/2019	Oil	Unknown	330 NE 75th Avenue	N	ADV721
9/15/2019	Fire foam and paint wash	Unknown	7470 N Newman Avenue	Y	ADV733
9/20/2019	?	Unknown	NE 9th & Skidmore	N	ADQ428
10/3/2019	Concrete discharge	Unknown	4205 SE 80th Avenue	N	ARC409
10/31/2019	RV fluids	Unknown	2410 SE 124th	N	ADW453

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Date	Release Type	Volume	Spill Location	Did Fluids Reach City-owned UIC? (Y/N)	Closest City-owned UIC
11/1/2019	Auto fluids	Unknown	SE 60th and Flavel St	N	ADV871
11/2/2019	Auto fluids	Unknown	5235 SE 50th Ave	N	ADV273
11/4/2019	Concrete discharge	Unknown	5523 N Denver Ave	N	ADP516
11/13/2019	Wastewater	Unknown	SE 102nd Ave and Stark St	N	ADT003 ADR954
11/14/2019	Auto fluids	Unknown	5904 NE Garfield	N	AQH658
11/14/2019	Erosion	Unknown	2970 NE Prescott St	N	ARF306
11/16/2019	Auto fluids	Unknown	7616 N McKenna	N	ADN406
11/20/2019	Erosion	Unknown	5227 SE 72nd	N	ADT636
11/20/2019	Auto fluids	Unknown	8722 NE Sacramento	N	ABD780 ADR233
11/22/2019	Erosion	Unknown	10902 SE Stephens	N	ANA397
11/28/2019	Sewage	Unknown	SE 148th and Rhone St	N	ADT481 ADT480
12/14/2019		Unknown	2940 NE 58th Avenue	N	ADN476
12/19/2019	Construction discharge	Unknown	4022 SE Knapp Street	N	AQD854
12/21/2019	Auto fluids	1/2 gal	4242 NE Failing St	N	ADQ779
12/28/2019	Auto fluids	Unknown	9465 N Midway Avenue	N	ADN283
1/1/2020	Paint	Unknown	414 NE 99th Ave	N	ADR892
1/1/2020	Auto fluids	Unknown	8920 NE Sacramento St	Y	ADR224
1/9/2020	Auto fluids	1/2 qt	5022 NE Going St	N	ADQ251
1/16/2020	Construction discharge	Unknown	1144 SE Tenino St	N	ADU016

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Date	Release Type	Volume	Spill Location	Did Fluids Reach City-owned UIC? (Y/N)	Closest City-owned UIC
1/27/2020	Auto fluids	Unknown	8636 SE Schiller St	N	ACJ905
1/27/2020	Construction discharge	Unknown	N Drummond and N Houghton	N	ADU297
1/29/2020	Auto fluids	Unknown	NE 35th Place b/t NE Shaver Street & NE Bryce Street	N	ADQ718 ADQ713 ADQ703
1/30/2020	Construction discharge	Unknown	1126 SE Tenino	N	ADU016
2/5/2020	Auto fluids	Unknown	4216 NE 113th Ave	N	ADR009
2/28/2020	RV fluids	Unknown	7936 SE Steele St	N	ADU607
2/28/2020	Construction discharge	Unknown	2146 174th Ave	N	ADS522
3/2/2020	Construction discharge	Unknown	13822 SE Mitchell	N	ASL005
3/9/2020	Auto fluids	Unknown	5254 NE Mallory	N	ADP945
3/13/2020	Construction discharge	Unknown	5017n SE 88th Ave	N	ARD565
4/25/2020	Concrete washout	Unknown	1039 NE 135th Avenue	N	ADR790
5/30/2020	Gasoline	15-20 gal	234 NE 117th Avenue	N	ADR964
6/1/2020	Oil	Unknown	5126 SE 86th Avenue	N	ADU648
6/4/2020	Construction discharge	Unknown	6700 NE Garfield Avenue	N	ADP326
6/8/2020	Erosion	Unknown	10035 SE Holgate	N	ADW707
6/10/2020	Erosion	Unknown	2305 SE 159th Avenue	N	ASL367
6/11/2020	Oil	Unknown	2516 SE 133rd Avenue	N	ADS655
6/11/2020	Mineral oil	Unknown	214 N Russell Street	N	APJ396
6/11/2020	RV fluids	Unknown	SE Division Street and 115th Avenue	N	ADS618

Appendix C

Date	Release Type	Volume	Spill Location	Did Fluids Reach City-owned UIC? (Y/N)	Closest City-owned UIC
6/18/2020	Sewage	Unknown	8840 NE Skidmore Street	N	ANB148
6/22/2020	Construction discharge	Unknown	8508 SE 66th Avenue	Y	ADV921

Notes:

ROW = right of way

CB = catch basin

Appendix D
Year 5 (2015 Permit)
Stormwater Discharge Monitoring Data,
Shallow Groundwater UICs

(Laboratory reports and Excel spreadsheet
are provided on a separate CD)

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Appendix D

Year 5 (2015 Permit), Stormwater Discharge Monitoring Data, Shallow Groundwater UICs

This report presents the stormwater discharge monitoring data collected in Year 5 (July 1, 2019, to June 30, 2020) of the City of Portland (City) 2015 Water Pollution Control Facilities (WPCF) Permit No. 102830 for Class V Stormwater Underground Injection Control Systems (UICs). Year 5 (2015 Permit) sampling was performed in accordance with the City's 2015 *Stormwater Discharge Monitoring Plan* (SDMP). This report is divided into the following sections detailing the locations sampled and the final results from the laboratory analysis:

1. Introduction
2. Sampling Design
 - o Year 5 Monitoring Locations
 - o Chemical Analysis
3. Results, Exceedances, and Response Actions
4. Analytical Data Validation

As required in Schedule B.5 of the 2015 Permit, data provided in the analytical laboratory reports are included as Table 2. A CD of the laboratory reports and an Excel spreadsheet are also included.

Introduction

The City has prepared this report to be included as part of the UIC Management Plan annual report in compliance with Schedule B.5 its 2015 WPCF Permit.¹ The Oregon Department of Environmental Quality (DEQ) issued the City's second WPCF Permit Number 102830 in June 2015, which approved the City's required March 24, 2015, SDMP. The SDMP describes the stormwater monitoring strategy that the City will use throughout its second WPCF Permit term (June 2015 to May 2025) to evaluate stormwater discharges from public rights-of-way to City-owned UICs in areas of shallow groundwater.² Monitoring is conducted to demonstrate that the City's UIC Program protects beneficial uses of groundwater, meets WPCF Permit requirements, and satisfies requirements of the federal Safe Drinking Water Act and state UIC and groundwater regulations.

¹ The full name of the permit is the Water Pollution Facilities Permit for Class V Stormwater Underground Injection Control Systems.

² Areas of shallow groundwater refer to locations where UICs have < 5 feet of vertical separation distance between the bottom of the UIC and the seasonal high groundwater level. Seasonal high groundwater is discussed in Snyder's USGS Report 2008-5059, *Estimated Depth to Ground Water and Configuration of the Water Table in the Portland, Oregon, Area* (2008), <http://pubs.usgs.gov/sir/2008/5059>.

Sampling Design

To comply with the monitoring requirements of the 2015 Permit, the City implements a program to sample stormwater entering the City's UIC system from a subset of UICs located in areas of shallow groundwater and compare stormwater data to permit Action Levels.

There are approximately 120 UICs located in areas of shallow groundwater. Over the length of the 2015 Permit, a sample of 75 UICs was selected from the list of UICs located in shallow groundwater. The 75 UICs were broken up into five panels of 15 UICs each. Over the course of the 10-year permit, each panel will be sampled twice to achieve monitoring objectives in the SDMP. With a sample size of 75, approximately 61 percent of the UICs located in shallow groundwater will be sampled at the end of the 10-year period. A finite population correction³ will reduce the width of confidence intervals associated with this design by almost 50 percent, in comparison to a sample size of 75 UICs selected from a population of 10,000. This design therefore has the equivalent power of a much larger sample from the entire UIC population.

A Generalized Random Tessellation Stratified (GRTS) survey design⁴ was used to select the 75 locations from the list of UICs in areas of shallow groundwater. The GRTS design will result in a random sample that is spatially balanced (i.e., a sample with a spatial distribution that is similar to the spatial distribution of the population).

The GRTS design also allows for simplifying the implementation of a sample design when some UICs are not suitable for sampling. A GRTS sample draw is an ordered list of sample locations that can be evaluated for sampling sequentially. The first 75 UICs on the list that are suitable for sampling are used as the sample, with sequential blocks of 15 UICs making up each of the five panels. For the purpose of choosing 75 UICs to sample, the entire population of UICs located in shallow groundwater areas was placed into random order using the R package *spsurvey*.⁵

Year 5 Monitoring Locations

Year 5 (2015 Permit) monitoring locations are 15 shallow groundwater sites developed in accordance with the SDMP (Table 1, Figure 1, and Figure 2, attached). On November 13th, 2019, the City submitted to DEQ a letter that listed the 15 sites to be sampled. This letter explains why, based on presampling field inspections, 10 sites (SG-075, SG-076, SG-082, SG-091, SG-093, SG-097, SG-100, SG-101, SG-106, and SG-107) were removed and replaced in accordance with

³ When sampling more than approximately 5 percent of a finite population, a finite population correction is applied to the standard error of parameter estimates (e.g., annual trends, means, or population percentiles). This correction can significantly increase the precision of parameter estimates when a large proportion of the population is sampled (http://en.wikipedia.org/wiki/Standard_error#Correction_for_finite_population).

⁴ Stevens, D.L., Jr., and A.R. Olsen. 2004. "Spatially-balanced sampling of natural resources." *Journal of the American Statistical Association*. 99: 262–278. In collaboration with the U.S. Environmental Protection Agency, the City utilized the GRTS design to select its UIC stormwater monitoring program locations sampled for 2005 Permit compliance.

⁵ Kincaid, T. M. and A.R. Olsen. 2013. *spsurvey: Spatial Survey Design and Analysis*. R package version 2.6 (<http://www.epa.gov/nheerl/arm>).

2015 Sampling and Analysis Plan procedures. See Table 1 and Figures 1 and 2 for site specific information.

Chemical Analysis

As identified in Table 1 of the 2015 Permit, six pollutants are required to be sampled and analyzed for each monitoring location (Benzo[a]pyrene, Pentachlorophenol, Di(2-ethylhexyl)phthalate, total lead, total zinc, and total copper). The list of pollutants and sampling and analytical methods can be found in the SDMP. Monitoring results are summarized below.

Results, Exceedances, and Response Actions

The analytical results from the 15 shallow groundwater monitoring locations are attached in Table 2. All laboratory data sheets are included on a CD included with this report. Review of the data indicated no Permit Table 1 Action Levels were exceeded, and thus no response actions were required. Collected data were also consistent with UIC monitoring that was conducted in the first WPCF Permit term.

Analytical Data Validation

Analytical results were reviewed to ensure that the data quality objectives defined in the Quality Assurance Project Plan were achieved, and they were determined to be acceptable and usable. A data usability report is attached.

Attachments:

- Table 1 - Year 5 (2015 Permit) UIC Monitoring Location Information
- Table 2 - Year 5 (2015 Permit) Monitoring Results
- Figures 1 and 2 - Year 5 (2015 Permit) UIC Monitoring Location Site Maps
- Data Usability Report
- CD containing lab data sheets and Microsoft Excel database

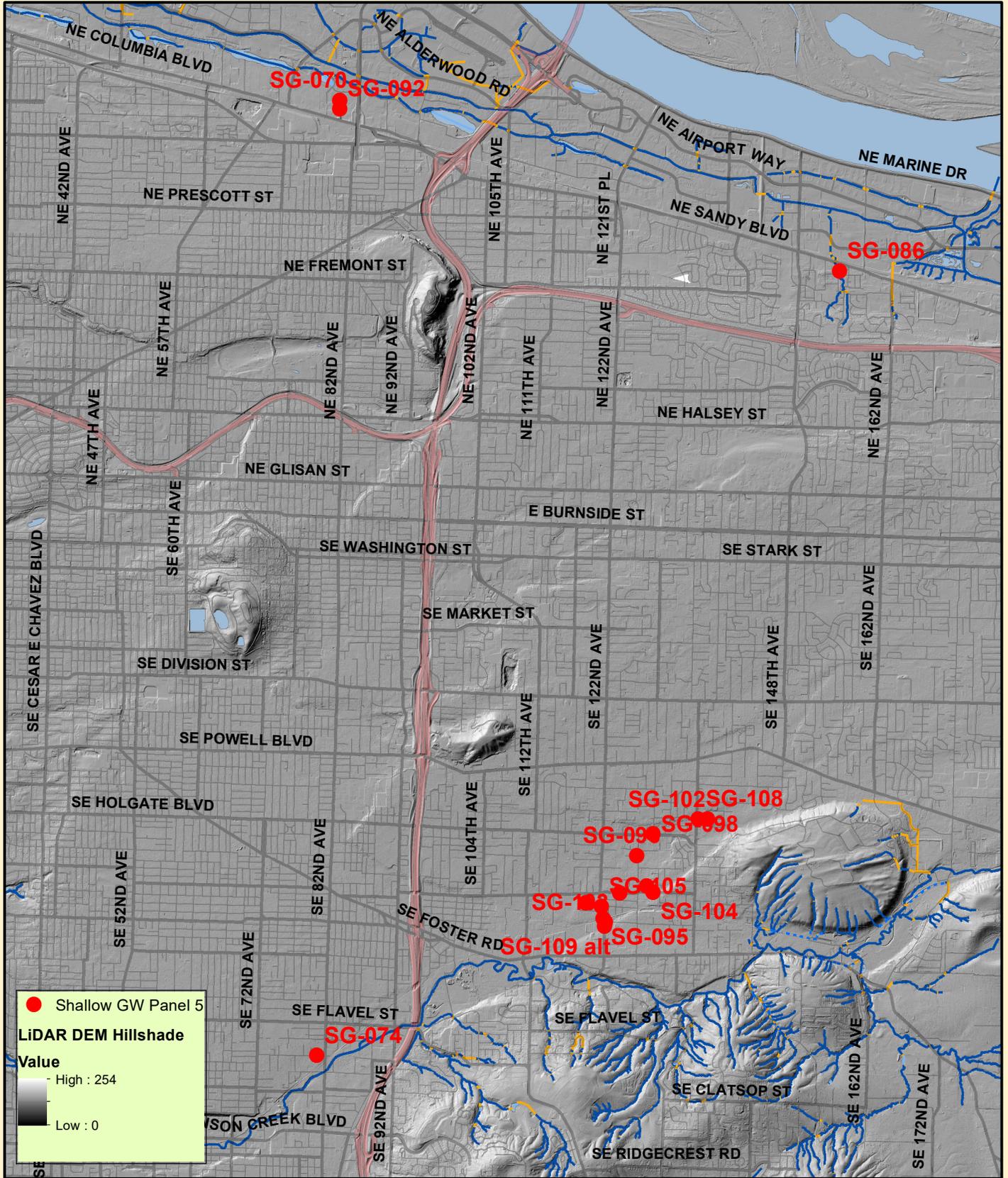


Figure 1
Year 5 (2015 Permit) UIC Monitoring Locations

 Shallow Groundwater Panel 5 (Event 1)
LiDAR DEM Hillshade
Value
 High : 254
 Low : 0

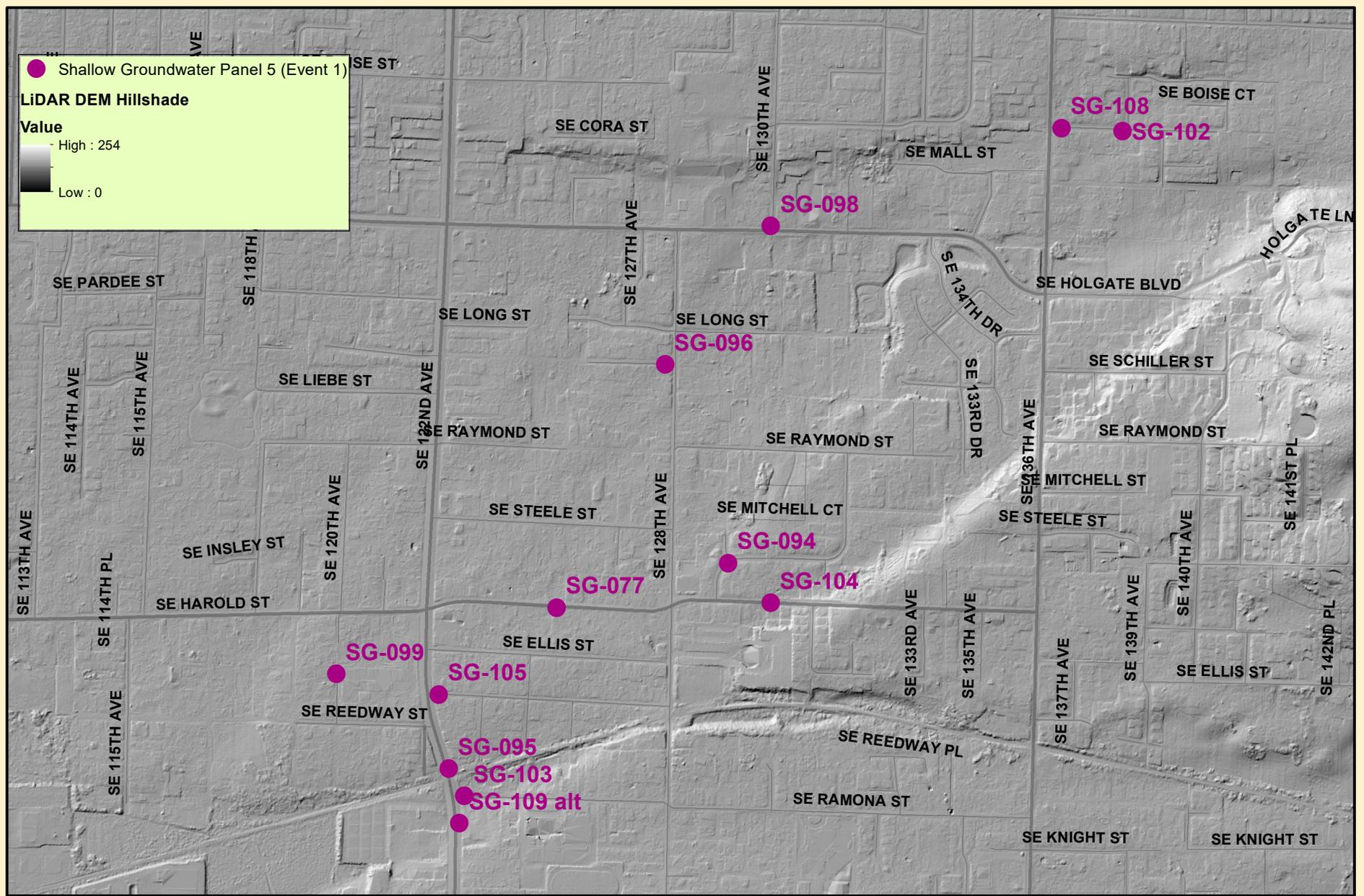


Figure 2
Year 5 (2015 Permit) UIC SE Monitoring Locations



Table 1: Year 5 (2015 Permit) UIC Monitoring Locations

Site ID	Approximate Address	DEQ UIC ID	BES UIC ID	Latitude	Longitude	Traffic Category (TPD)	UIC Depth (feet)	Pretreatment System	Verticle Separation Distance(ft)	Distance to Nearest Well (ft)	Within Two-year Time of Travel from public drinking water well?
SG-070	6135 NE 80TH AVE	10102-9787	AQT758	45.56728363	-122.58050537	> 1000	13.4'	Sed MH	-10	2160	NO
SG-074	8100 SE CRYSTAL SPRINGS BLVD	10102-5347	AMR553	45.46509552	-122.58024597	< 1000	30'	Sed MH	-13	1136	NO
SG-077	12500 SE HAROLD ST	10102-232	AMS283	45.48330688	-122.53488159	> 1000	25'	Sed MH	-5	1986	NO
SG-086	3734 NE 154TH AVE	10102-4041	ADR048	45.55039215	-122.50386047	< 1000	30.2'	Sed MH	3	734	NO
SG-092	6015 NE 80TH AVE	10102-9786	AQT757	45.56639480	-122.58049774	> 1000	25.4'	Sed MH	-14	2399	NO
SG-094	12908 SE MITCHELL ST	10102-5938	ADU758	45.48411178	-122.53086853	< 1000	21'	No Sed MH	3	1173	NO
SG-095	5732 SE 122ND AVE	10102-9795	AQT782	45.48059082	-122.53733062	> 1000	25.4'	Sed MH	-8	1525	NO
SG-096	12780 SE SCHILLER ST	10102-5924	ADU743	45.48738098	-122.53247070	> 1000	15.4'	Sed MH	1	898	NO
SG-098	4425 SE 130TH AVE	10102-9811	AQT807	45.48972702	-122.53005981	> 1000	11	Sed MH	5	999	NO
SG-099	5605 SE 120TH AVE	10102-5270	ADV197	45.48211669	-122.54003906	< 1000	26'	No Sed MH	-5	680	NO
SG-102	13722 SE CORA ST	10102-6332	ADT472	45.49144363	-122.52182769	< 1000	19'	Bioswale, Sed MH	1	551	NO
SG-103	12230 SE RAMONA ST	10102-5289	ADT683	45.48014068	-122.53694915	> 1000	19.5'	Sed MH	-3	1592	NO
SG-104	13000 SE HAROLD ST	10102-5936	ADU755	45.48346710	-122.52983856	> 1000	29'	Sed MH	-3	1307	NO
SG-105	12221 SE REEDWAY ST	10102-5295	ADT690	45.48181915	-122.53762054	> 1000	27'	Sed MH	-7	1308	NO
SG-108	13612 SE CORA ST	10102-6331	ADT471	45.49146652	-122.52326202	> 1000	21'	No Sed MH	-1	778	NO

Table 2: Permit Required Monitoring Results

Site ID	Location Description	Traffic	Node	Date	Analyte		Pentachlorophenol		DEHP		Benzo(a)pyrene		Copper		Lead		Zinc	
					MADL (ug/L)		10		300		2.0		1,300		500		50,000	
					Method		EPA 515.4		EPA 8270-SIM		EPA 8270-SIM		EPA 200.8		EPA 200.8		EPA 200.8	
SG-070	6135 NE 80th Ave (>1000)	>1000	AQT758	12/19/19 14:27	=	0.128	=	2.2	=	0.013	=	5.79	=	1.44	=	28		
SG-074	8100 SE Crystal Springs Blvd	<1000	AMR553	9/17/19 9:39	=	0.167	=	2.2	=	0.014	=	11	=	4.33	=	83.1		
SG-077	12500 SE Harold St (>1000)	>1000	AMS283	12/19/19 13:03	=	0.157	=	1.9	=	0.019	=	2.98	=	1.17	=	16.4		
SG-086	3734 NE 154th Ave (<1000)	<1000	ADR048	12/19/19 13:30	=	0.032	=	0.66	<	0.01	=	3.24	=	0.748	=	14.3		
SG-092	6015 NE 80th Ave (>1000)	>1000	AQT757	1/6/20 10:07	=	0.16	=	3.8	=	0.021	=	8.8	=	3.26	=	52.2		
SG-094	12908 SE Mitchell St (<1000)	<1000	ADU758	12/12/19 12:17	=	0.121	=	1.6	=	0.015	=	3.49	=	1.6	=	18.6		
SG-095	5732 SE 122nd Ave (>1000)	>1000	ADW321	1/6/20 10:57	=	0.163	=	9.7	<	0.05	=	14.1	=	5.18	=	67.8		
SG-096	12780 SE Schiller St (>1000)	>1000	ADU743	12/12/19 11:46	=	0.08	=	1	=	0.026	=	5.7	=	2.96	=	28.5		
SG-098	4425 SE 130th Ave (>1000)	>1000	AQT807	12/12/19 13:40	=	1.04	=	4.8	=	0.046	=	11.2	=	7.73	=	61.4		
SG-098 DUP	4425 SE 130th Ave (>1000)	>1000	AQT807	12/12/19 13:40	=	1.02	=	5.1	=	0.046	=	11.4	=	7.59	=	60.8		
SG-099	5605 SE 120th Ave (<1000)	<1000	ADV197	12/12/19 12:51	=	1.26	=	6.2	=	0.052	=	20.3	=	19	=	126		
SG-102	13722 SE Cora St (<1000)	<1000	ADT472	12/12/19 13:21	=	0.535	=	2.8	=	0.033	=	6.83	=	4.64	=	33.9		
SG-103	12230 SE Ramona St (>1000)	>1000	ADT683	12/12/19 11:54	=	0.58	=	5.5	=	0.019	=	11.7	=	4.66	=	57.8		
SG-103 DUP	12230 SE Ramona St (>1000)	>1000	ADT683	12/12/19 11:54	=	0.581	=	6.6	=	0.022	=	11.5	=	4.33	=	56.2		
SG-104	13000 SE Harold St (>1000)	>1000	ADU755	12/12/19 13:00	=	0.088	=	5.2	=	0.097	=	13.4	=	6.34	=	61.9		
SG-105	12221 SE Reedway St (>1000)	>1000	ADT690	12/12/19 11:18	=	0.251	=	1.9	=	0.015	=	5.83	=	1.85	=	30.7		
SG-108	13612 SE Cora St (>1000)	>1000	ADT471	12/12/19 11:02	=	0.249	=	7.6	=	0.039	=	14.5	=	11.2	=	87.3		

All concentrations in micrograms/per liter (ug/l)

**CITY OF PORTLAND BUREAU OF ENVIRONMENTAL SERVICES
UIC PERMIT STORMWATER MONITORING
DATA USABILITY REPORT**

**YEAR 15 MONITORING
SEPTEMBER 2019 – JANUARY 2020**

1.0 INTRODUCTION

Analytical results for stormwater samples collected during Permit Year 5 of the 2015 Water Pollution Control Facilities (WPCF) Permit (PY 15) were reviewed to evaluate data usability and adherence to project data quality objectives (DQOs). All data were evaluated using the project *Quality Assurance Project Plan (QAPP)* and *U.S. EPA Contract Laboratory Program National Functional Guidelines (NFGs) for Data Review* (BES 2015, EPA 2017a, 2017b) for guidance in evaluating the following:

- Field practices, field quality control (QC) samples, daily activity logs, and sample collection logs;
- Sample chain of custody (COC) and receipt documentation, preparation and analytical holding times, and reporting and detection limits for chemicals of interest; and
- Laboratory data quality, in terms of precision, accuracy, representativeness, completeness, and comparability (PARCC) as described in Section 2.5 of the QAPP.

2.0 SAMPLING SUMMARY

The City Bureau of Environmental Services (BES) Field Operations section performed sample collection and field parameter measurements for all compliance monitoring. Samples were collected from 15 locations during one “event” from September 17, 2019 through January 6, 2020. Sample locations are summarized in Table 1 attached to this summary.

Samples were collected in general accordance with the *Sampling and Analyses Plan (SAP)* and QAPP, contained in the final *UIC Stormwater Discharge Monitoring Plan (SDMP)*. The SDMP includes all stormwater monitoring conducted at City UICs for UIC permit compliance.

3.0 ANALYTICAL SUMMARY

WPCL performed analyses for all compliance samples collected for PY 15. Laboratory procedures were performed in general accordance with the QAPP except as noted below. The permit-required analytes measured during PY15 are listed below.

Analyte	Method	MRL (µg/L)	MADL (µg/L)	Lab
Pentachlorophenol	EPA 515.4	0.04	10	WPCL
Di(2-ethylhexyl)phthalate	EPA 8270-SIM	1.0	60	WPCL

Analyte	Method	MRL (µg/L)	MADL (µg/L)	Lab
Benzo(a)pyrene	EPA 8270-SIM	0.01	2.0	WPCL
Total Copper	EPA 200.8	0.2	1,300	WPCL
Total Lead	EPA 200.8	0.1	500	WPCL
Total Zinc	EPA 200.8	0.5	5,000	WPCL

MRL = method reporting limit

MADL = maximum allowable discharge limit

4.0 QAPP COMPLIANCE AND DATA USABILITY

BES Investigation & Monitoring Services (IMS) conducted an independent data usability assessment to ensure the data are usable. Findings are summarized below.

4.1 Field Practices

Daily Activity Logs

Daily activity logs consist of daily field reports (DFRs) and field data sheets (FDSs) which are included in this report as Attachments 1 and 2, respectively. DFRs and FDSs are used to record general and sample-specific information regarding site conditions, time of sample collection, visual stormwater observations, sample collection difficulties, deviations from the SDMP, and any information relating to potential pollutant sources. These logs were reviewed by both the Field Operations team leader and by IMS for completeness and consistency. No significant issues were identified during review of field documents.

Field measurements including temperature, conductivity, and pH are recorded on WPCL COCs so that field data can be entered into the LIMS by the WPCL sample custodian. COCs are included with the analytical laboratory reports in Appendix E of the PY15 Annual Report.

Field and Lab QC Samples

One equipment blank per year and one field decontamination blank per event were collected and analyzed for the same parameters as stormwater samples. Field duplicate samples are collected at a frequency of one duplicate for every 10 locations sampled. Extra sample volume is also collected by field teams at selected locations to provide enough volume to perform matrix quality control (QC) analyses. Typically, a laboratory will choose samples at random for matrix spike / matrix spike duplicate (MS/MSD) analyses; however, for this project there is an interest in evaluating potential matrix effects specific to stormwater discharged to publicly-owned UICs. Results of field and laboratory QC samples are discussed in respective sections below.

No issues were encountered that required resampling.

4.2 Data Usability Assessment

General

Discrete samples were collected at 15 sample locations, in addition to two field duplicates, one field decontamination blank, and one equipment blank. Several UICs that were in the original work order were replaced as they were part of multi-UIC systems that had been sampled in previous years. Samples SG-070, SG-074, and SG-092 had to be sampled from the sedimentation manholes

instead of the UICs. All three locations are former UICs which had no sedimentation manhole and were converted to sedimentation manholes with a new UIC downstream. However, the former UICs were not sealed properly and the new UICs did not receive flow during sampling efforts.

Samples were delivered to WPCL on the same business day that they were collected. Laboratory sample receipt forms indicate that all sample containers arrived intact, and all container labels matched the COC documentation.

Some data were flagged as estimated using various flags to illustrate specific laboratory QC failures. Following review of laboratory reports, case narratives, and field QC data by IMS, some of these flags were carried through as appropriate, and replaced with qualifiers presented below. Additional qualifiers were added, where necessary. Qualified data are still considered valid and usable (though should be used with caution), except for results that may have been qualified with an “R” (rejected). Qualifiers used for PY 15 Event reporting are listed below:

J	Estimated concentration
J+	Estimated, possible/probable high bias
JB	Estimated due to blank contamination
U	Not detected above MDL

Note that laboratory PARCC review for this report is generally limited to permit-required analytes and analyses necessary for reporting. For example, laboratory QC is reviewed for all samples analyzed by EPA Method 8270-SIM; however, relative percent differences (RPDs) for field duplicates are only calculated for UIC permit-required analytes. This review also includes parameters collected for municipal separate storm sewer system (MS4) permit compliance. Additional review may be conducted where laboratory QC issues indicate more pervasive issues that may impact data quality for analytes not required for permit compliance monitoring.

Method Detection Limits

All method reporting limit (MRL) and detection limit (MDL) targets for permit-required analytes were met as specified in the QAPP (BES 2015).

MRLs were increased for selected analytes on individual samples where dilution was required in order to quantify analytes detected that were outside initial instrument calibration. Several samples required dilutions due to matrix interference for individual analytes. MRLs and MDLs did not exceed Permit action levels for any “non-detect” sample analytical results.

Matrix Spikes

Extra sample volume is collected by field crews at one out of every ten sample locations so that matrix QC can be performed on matrices specific to this monitoring effort. Where the laboratory does not have sufficient volume, a laboratory control sample (LCS) duplicate is analyzed in accordance with the respective methods.

4.2.1 Holding Times

Maximum allowable holding times, measured from the time of sample collection to the time of preparation or analysis, were met for each project sample collected for PY15 permit compliance except for the following:

Analysis	Sample	Samples Affected, Comments
365.2	MS3	None, lab reanalyzed MS3 sample slightly outside hold time, source sample from different project, MS2 recovery acceptable and analyzed within hold time.

4.2.2 Blanks

In accordance with EPA guidelines, positive sample results should be reported unless the concentration of the compound in the project sample is less than or equal to 10 times (10x) the amount in any blank for metals and the common organic laboratory contaminants (methylene chloride, acetone, 2-butanone, cyclohexane, and phthalate esters), or 5 times (5x) the amount for other target compounds. Target compounds were not detected in associated blank samples (trip, equipment, method) prepared and analyzed concurrently with the project samples, except for the following:

Analysis	Sample	Analyte	Concentration (µg/L)	Samples Affected, Comments
8270-SIM	Method blank (B19I326)	Naphthalene	> ½ MRL	SG-074 result JB-qualified for blank result < sample result, matrix spike results also above acceptance limit
8270-SIM	Method blank (B19L357)	Fluorene, Naphthalene, Di-n-octyl phthalate	> ½ MRL, > ½ MRL, 0.84	SG-086 Fluorene and Naphthalene detections qualified with "JB", no other action taken.

4.2.3 System Monitoring Compounds

System monitoring/surrogate compounds are added to each sample prior to analysis of organic parameters by EPA methods 8270-SIM and 515.4 to confirm the efficiency of the sample preparation procedure. The calculated recovery for each surrogate compound was evaluated to confirm the accuracy of the reported results. All surrogate recoveries were within the acceptance limits specified in the QAPP except as noted below:

Analysis	Batch	Samples Affected	Comments
515.4	B19L353	none	2,4-Dichlorophenylacetic acid result (141%) slightly above laboratory acceptance limit for LCS, LCS results acceptable, no action taken.
515.4	B19L354	none	2,4-Dichlorophenylacetic acid result (133%) slightly above laboratory acceptance limit for LCS, LCS results acceptable, no action taken.

4.2.4 Laboratory Control Samples

For Laboratory Control Samples (LCSs), samples of deionized water are analyzed following the addition of a known amount of analyte in order to confirm the ability of the analytical instrument to accurately quantify target compounds. LCSs were analyzed at the appropriate QAPP-specified

frequency. Additionally, all LCS recoveries were within the acceptance limits for accuracy specified in the QAPP except for the following:

Analysis	Batch	Samples Affected	Comments
515.4	B19L354	none	Acifluorfen (175%) and Dinoseb (176%) recoveries above laboratory acceptance limit, analytes not detected, no action taken.

4.2.5 Matrix Spike/Matrix Spike Duplicates

For Matrix Spikes (MS)/Matrix Spike Duplicates (MSD), stormwater samples are analyzed following the addition of a known amount of analyte in order to evaluate any matrix effects that interfere with the ability of the analytical instrument to accurately quantify target compounds. Typically, results are not qualified based on MS/MSD results alone unless recoveries are well outside control limits. MS/MSDs were analyzed at the appropriate QAPP-specified frequency. Additionally, all MS recoveries and MS/MSD RPDs were within the acceptance limits for accuracy specified in the QAPP except as noted below:

Analysis	Batch	Samples Affected	Comments
8270-SIM	B19I326	SG-074	Naphthalene MS2 result (135%) slightly above laboratory acceptance limit. Associated sample result qualified due to low-level blank contamination, no additional action taken.
8270-SIM	B19L181	none	Chrysene MSD result (140%) slightly above laboratory acceptance limit, source sample from different project, RPD acceptable, no other QC issues, no action taken.
SM5310B	B19L351	none	Total organic carbon MS1 (68%) result below laboratory acceptance limit. Source sample from different project, MS2 recovery acceptable, no action taken.
515.4	B19L354	none	Acifluorfen (182%) and Dinoseb (191%) MS 1 recoveries above laboratory acceptance limit, analytes not detected, no action taken.
8270-SIM	B19L356	none	Acenaphthylene (140%) and Naphthalene (139%) MSD results slightly above laboratory acceptance limits. RPDs acceptable, no other QC issues, no action taken.
8270-SIM	B19L357	none	Di-n-octyl phthalate (202%/210%) MS/MSD results slightly above laboratory acceptance limits. RPDs acceptable, associated detections qualified with "J+" due to high CCV results.
515.4	B20A219	none	Acifluorfen (162%) and Dinoseb (171%) MS1 recoveries above laboratory acceptance limit, analytes not detected, no action taken.

4.2.6 Duplicates

Field and laboratory duplicate samples were analyzed at the appropriate frequency and all recoveries were within the range specified in the QAPP except as noted below:

Analysis	Batch, Sample	Analyte	Concentration (µg/L)	Samples Affected, Comments
365.2	B19L198, Other project	Orthophosphate	< 0.020/0.22 (NA)	Laboratory duplicate RPD failed, results < 5x MRL, no action taken.
SM5310B	B19L391, Other project	Carbon, total Organic	12.6/17.6 (33%)	Laboratory duplicate RPD failed, source sample from different project, 2 nd duplicate RPD acceptable, no action taken.
WPCL SOP10	B19L455, Other project	Mercury, dissolved	0.000626/0.00085 2 (31%)	Laboratory duplicate RPD failed, source sample from different project, results < 5x MRL, no action taken.
WPCL SOP10	B20A079, Other project	Mercury, dissolved	0.000815/0.00060 7 (29%)	Laboratory duplicate RPD failed, source sample from different project, results < 5x MRL, no action taken.
WPCL SOP10	SG-103	Mercury, dissolved	0.00104/0.0013 (20.7%)	Field duplicate RPD failed, results < 5x MRL, no action taken.

4.2.7 Other QC Issues

Continuing calibration verification (CCV) results were high in several batches for butyl benzyl phthalate, di-n-butyl phthalate, di-n-octyl phthalate, and bis(2-ethylhexyl)phthalate. Di-n-octyl phthalate and bis(2-ethylhexyl)phthalate detections for samples SG-070, SG-077, SG-086, SG-094, SG-096, SG-098, SG-099, SG-098DUP, SG-102, SG-103, SG-103DUP, SG-104, SG-105, SG-108 were qualified with “J+” for estimated, potential high bias. The other analytes were not detected and no other action was taken.

4.3 Data Usability Summary

Appropriate sample collection and analytical methods were used for all samples and analyses, ensuring good comparability with other data. Analytical accuracy and precision were determined to be generally acceptable, with noted exceptions. Qualifiers were assigned based on other analytical QC results that exceeded project data quality criteria.

All other data reported should be considered valid as reported, representative of the samples collected, and acceptable for further use.

5.0 REFERENCES

- City of Portland Bureau of Environmental Services (BES). 2015. *Quality Assurance Project Plan - Stormwater Underground Injection Control System Monitoring*. Prepared for Oregon Department of Environmental Quality (ODEQ). August 2006, revised March 2015.
- City of Portland Bureau of Environmental Services (BES). 2015. *Final Stormwater Discharge Monitoring Plan – consists of Sampling and Analysis Plan and Quality Assurance Project Plan*. Prepared for Oregon Department of Environmental Quality (ODEQ). August 2006, revised March 2015.
- EPA 2002. *Guidance on Environmental Data Verification and Data Validation*. EPA-240-R-02-004 (EPA QA/G-8). Office of Environmental Information. November 2002.

EPA 2017a. USEPA National Functional Guidelines for Superfund Inorganic Methods Data Review. EPA-540-R-2017-001 (OLEM 9335.0-135). Office of Superfund Remediation and Technology Innovation (OSTRI). January 2017.

EPA 2017b. USEPA Contract Laboratory Program National Functional Guidelines for Organic Superfund Data Review. EPA-540-R-2017-002 (OLEM 9335.0-136). Office of Superfund Remediation and Technology Innovation (OSTRI). January 2017.

6.0 GENERAL

This summary report was prepared by the IMS sections of BES. For any questions concerning this report, contact Aaron Wieting at 503-823-5437.

Date of Final Report: May 1, 2020

Prepared by: Aaron B. Wieting, R.G., BES IMS

Reviewed by: Joel Bowker, R.G., BES UIC Program

TABLE 1: UIC Permit Year 15 Monitoring Locations

Location Code	Location Address	Traffic	Node
SG-070	6135 NE 80th Ave	>1000	AQT758
SG-074	8100 SE Crystal Springs Blvd	<1000	AMR553
SG-077	12500 SE Harold St	>1000	AMS283
SG-086	3734 NE 154th Ave	<1000	ADR048
SG-092	6015 NE 80th Ave	>1000	AQT757
SG-094	12908 SE Mitchell St	<1000	ADU758
SG-095	5732 SE 122nd Ave	>1000	ADW321
SG-096	12780 SE Schiller St	>1000	ADU743
SG-098	4425 SE 130th Ave	>1000	AQT807
SG-099	5605 SE 120th Ave	<1000	ADV197
SG-102	13722 SE Cora St	<1000	ADT472
SG-103	12230 SE Ramona St	>1000	ADT683
SG-104	13000 SE Harold St	>1000	ADU755
SG-105	12221 SE Reedway St	>1000	ADT690
SG-108	13612 SE Cora St	>1000	ADT471

TABLE 2: UIC Permit Year 15 Field Duplicate Precision

UIC Permit Monitoring Year 15 September 17, 2019 - January 6, 2020 Field Duplicate Precision								
Constituent	Units	Precision DQO	SG-098			SG-103		
			Primary	DUP	RPD	Primary	DUP	RPD
Benzo(a)pyrene	µg/L	50	0.046	0.046	0.0	0.019	0.022	14.6
DEHP	µg/L	50	4.8	5.1	6.1	5.5	6.6	18.2
Copper	µg/L	20	11.2	11.4	1.8	11.7	11.5	1.7
Lead	µg/L	20	7.73	7.59	1.8	4.66	4.33	7.3
Pentachlorophenol	µg/L	30	1.04	1.02	1.9	0.58	0.581	0.2
Zinc	µg/L	20	61.4	60.8	1.0	57.8	56.2	2.8

Notes:

RPD = Relative Percent Difference

DEHP = bis 2-ethylhexyl phthalate



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