

Wellhead Protection & Annual Reporting Training

Tuesday, December 17, 2025; 11:30 AM – 1:00 PM

<http://groundwaterprotection.portlandoregon.gov/>

Host: Corky Collier, Columbia Corridor Association

Presenter: Doug Wise, Portland Water Bureau



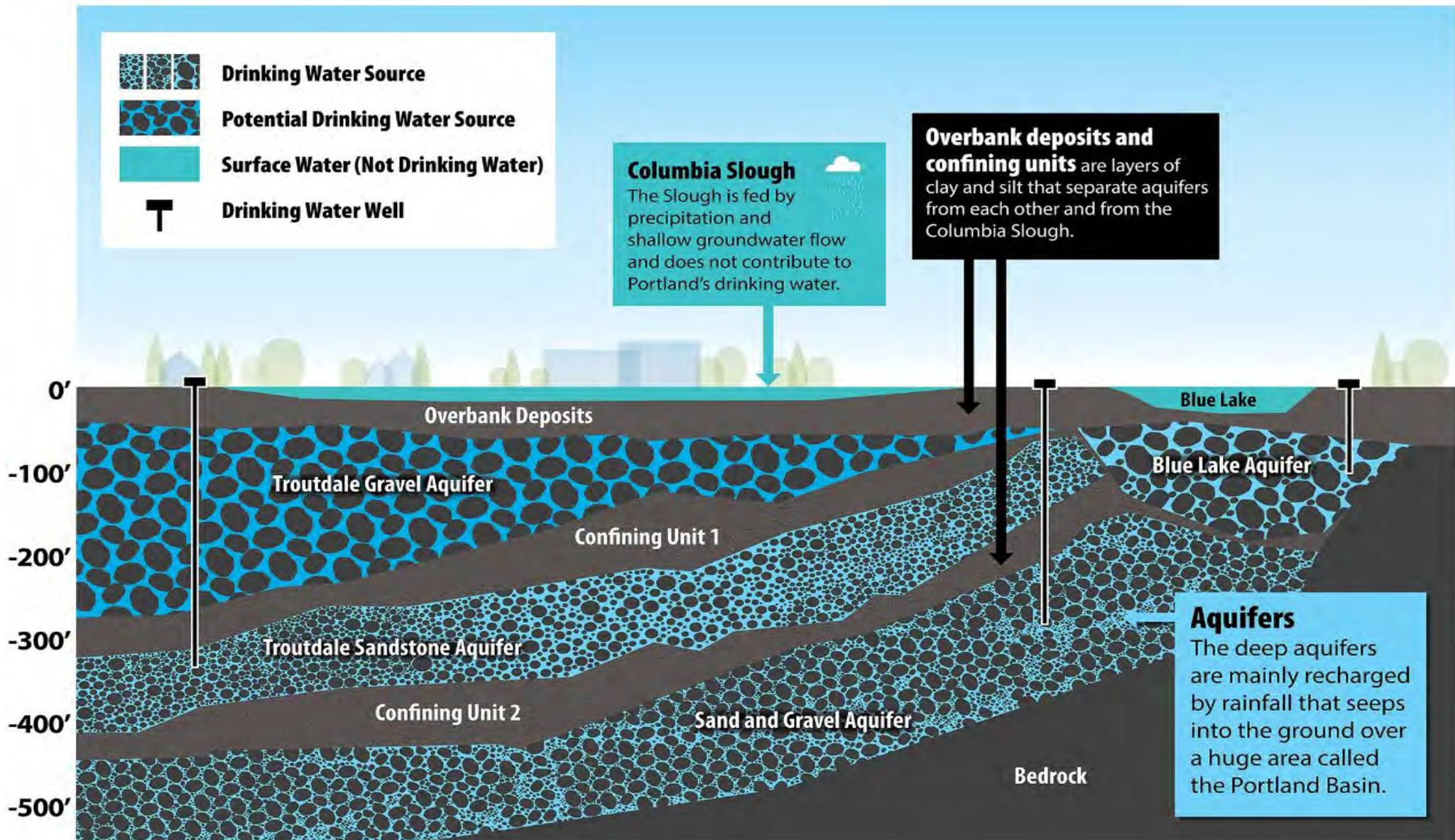
Today's Agenda

- Purpose of today's training:
 - Introduction to the Groundwater Protection requirements
 - How to report your chemicals each year
 - What's new in 2025
- Demonstration of online resources and how to file a report groundwaterprotection.portlandoregon.gov
- Plenty of time for your questions

Portland Water System Overview



Columbia South Shore Well Field



Groundwater Protection Program

Where

Protection area

What

Regulation of
specific chemicals

- Threshold quantities determine if regulations apply

How

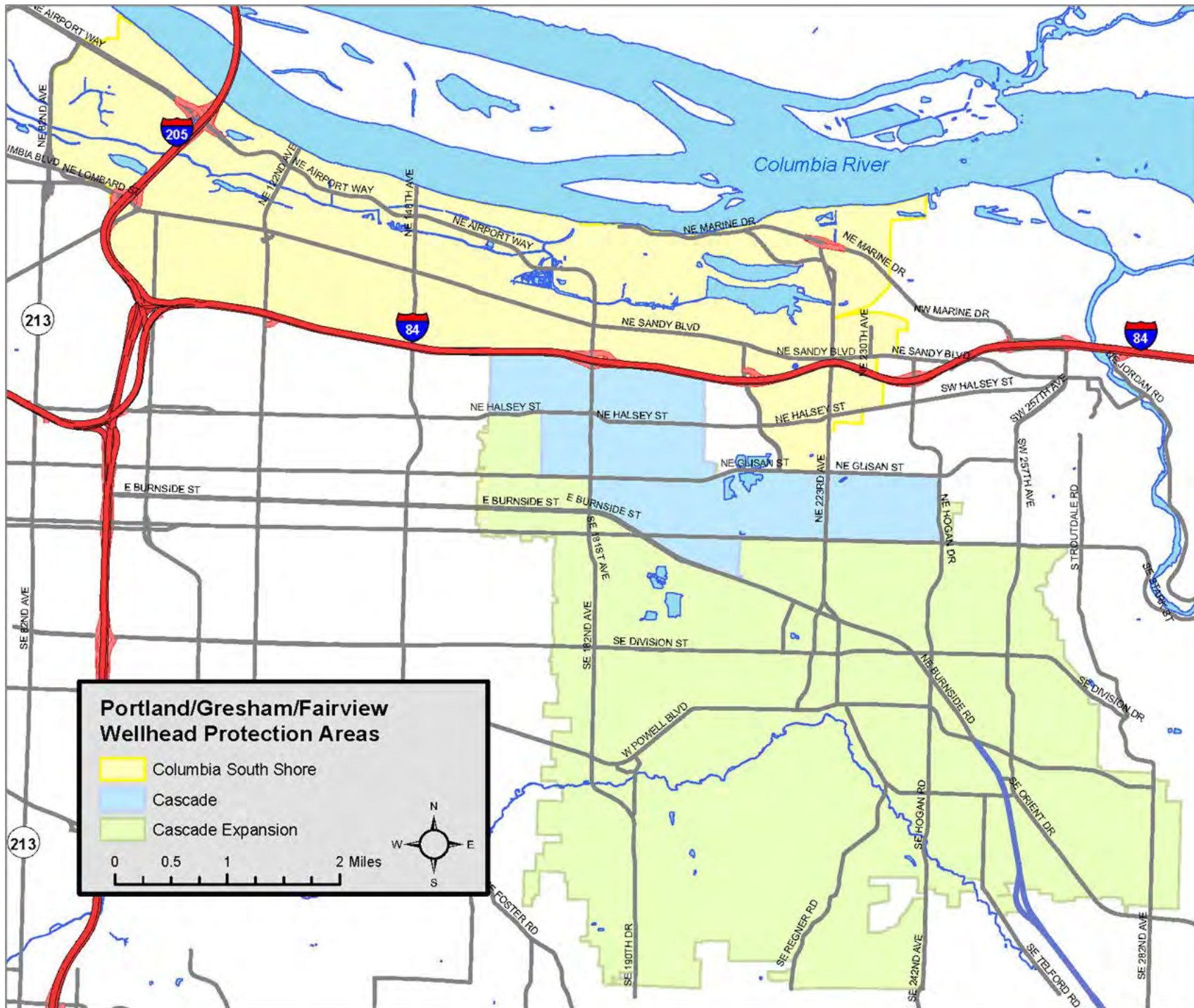
Functional area
requirements

- Both structural & operational
- Employee Training

Inspections &
enforcement

Why

Education &
technical assistance



Facilities in these drinking water protection areas must:

- Have pollution & spill prevention measures
- Train staff on spill response
- Report hazardous materials annually


Free technical assistance is available through the Columbia Corridor Association, call 503-287-8686

Regulated Chemical Thresholds

Wellhead protection regulations apply if a facility handles more than these amounts:

 Halogenated Solvents – 10 gal

 DEQ Hazardous Wastes – 30 gal

 EPA's 'List-of-Lists' Substances – 50 gal
(There is a searchable version on our website)

 Petroleum-Based Liquid Fuels – 50 gal
(reporting only for non-fuel petroleum)

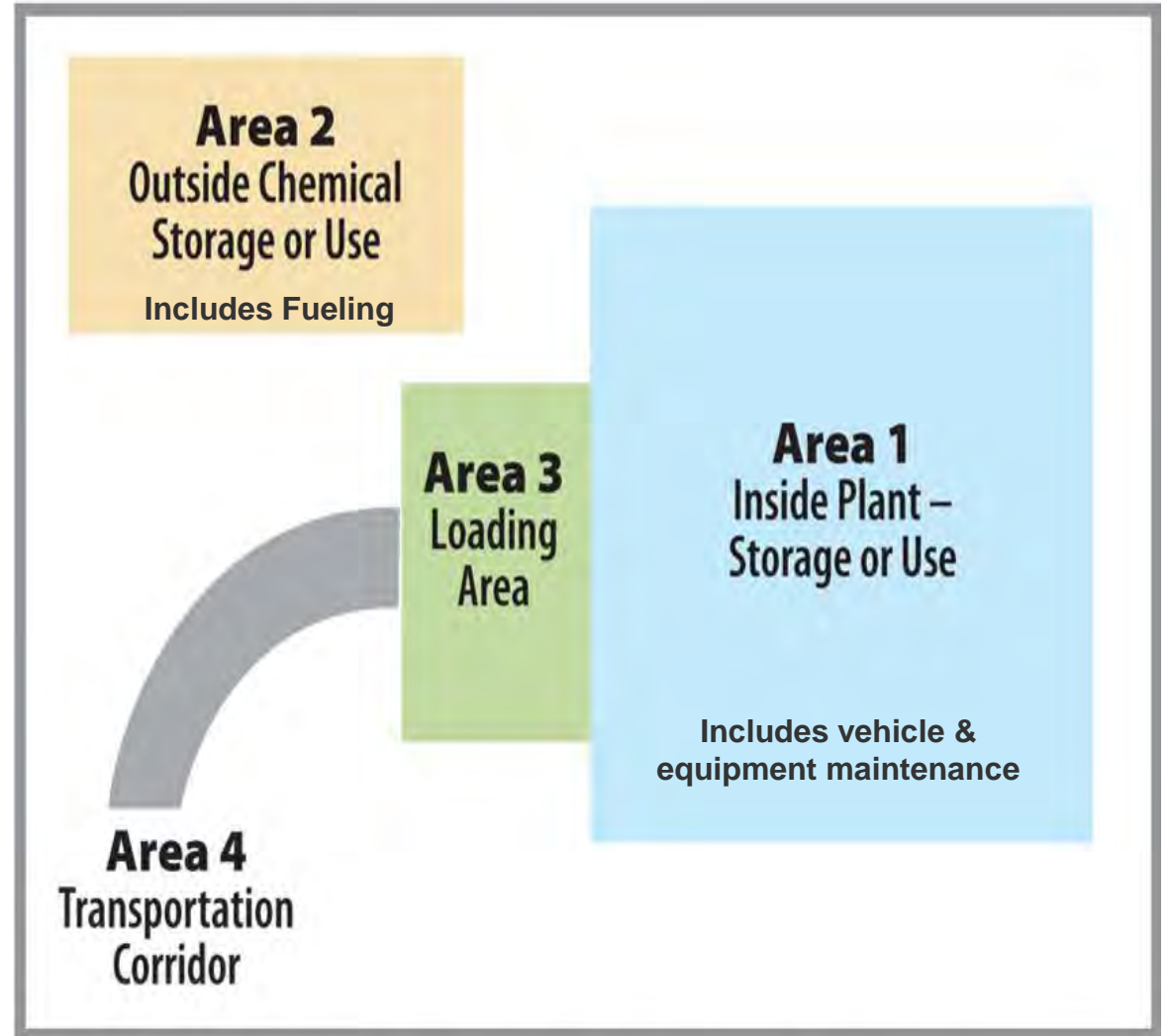
New Reportable Materials in 2025

- More PFAS compounds added to EPA lists (April 2025)
- Reporting system is up to date with CAS #s
- Be sure to ask for current SDS sheets from your suppliers!
- Common product types that may have PFAS:
 - Synthetic lubricants
 - Water/dirt-resistant and anti-stick resistant coatings/waxes
 - Windshield wiper fluids
 - Inks



Structural Requirements

- Impervious Surfaces
- Secondary Containment
- Spill Control



Area 5 - Public Right-of -Way

Secondary Containment



- Meet Oregon Fire Code spill control and containment requirements
- Impermeable surfaces required
- Floor drains connected to sewer or plugged
- Protected from rain to prevent runoff



Operational Requirements



Pollution Prevention Team



Good Housekeeping Practices



Spill Prevention and Clean-up



Inspections and Record Keeping



Process and Product Changes



Training



Annual Reporting and Site Plan

SDS – Safety Data Sheets

- Keep in central location – designated computer, file cabinet, etc
- Make sure new staff and contractors know where they are and how to read them
- OSHA - Keep for 30 years

megaloid
Safety Data Sheet

Product Name: Trichloroethylene - 1 -

2203 North Line, Canada, ON L8N 1L7
Phone: (905) 881-1111 Fax: (905) 881-1866
megaloid.ca

1. PRODUCT IDENTIFICATION

Name: Trichloroethylene
 CAS# 79-04-6
 Europe EC# 203-187-4
 Product Uses: cleaning solvent for vapour degreasing

EMERGENCY INFORMATION
 Canada: Call CASUTEC (toll-free) (813) 960-0886
 U.S.A.: Call CHEMTREC (800) 424-9300

2. HAZARDS

GHS Class (C-Label(s))	skin irritation (2)	eye irritation (2)	SEV (2)	carcinogen (1B)	aquatic chronic (3)
Signal Word:	WARNING	WARNING	WARNING	DANGER	no Signal Word
Hazard Statements:	Causes skin irritation (H312)	Causes eye irritation (H311)	May cause respiratory irritation (H332)	May cause cancer (H350)	toxic to aquatic life with long lasting effects (H411)

GHS Precautionary Statements for Labeling

P201 P202: Avoid breathing vapour. Use only in a well-ventilated area.
 P273: Do not get on skin, on clothes or on bedding. Wash thoroughly after handling.
 P303 P361 P531: In case of spill, absorb or contain when using this product.
 P308 P313: When eye irritation, protective gloves and clothing of best or "close".
 P501: Avoid release to the environment. Collect spillage.

Canada - WHMIS: D 2B, D 2A, D 2D
 2.1 - Flammable - 2.2 C, 2.3 - Flash Point - 11°C & 51°C
 2.1 - Irritant (Eye), 2.1 - Chronic Toxicity
 C - Corrosive Substances, C - Corrosive, F - Flammable Substance

3. COMPOSITION

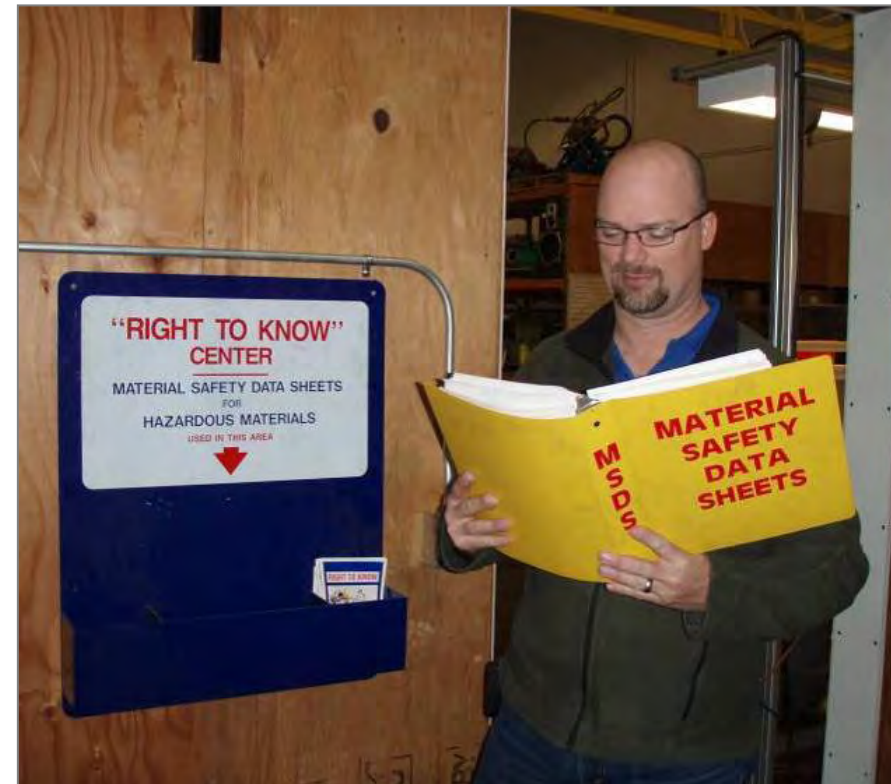
Component	%	WVBY: TLV	ppm	mg/m ³	TLV (ppm)	TLV (mg/m ³)	IDLH (ppm)	IDLH (mg/m ³)	LC ₅₀ (ppm)	INHALATION
1,1,1-trichloroethylene	100%				100	1.6	3000	3000	1000	TLV

4. FIRST AID

SKIN: Wash with soap & plenty of water. Remove contaminated clothing and do not reuse until thoroughly laundered.
 EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly if continues pain.
 INHALATION: Remove from contaminated area promptly. GASTRO: Remove from area and get medical attention. If vomiting, do not induce vomiting. If unconscious, do not give anything by mouth. Seek medical attention promptly.
 INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOT) unless instructed. Keep victim quiet. If vomiting occurs, have victim's head tilted to prevent aspiration of vomit material. Seek medical help promptly.
 Additional information of chemical material may be available through the SDS. The degree of this is greater than the risk of poisoning through absorption of the material by the respiratory system. The amount should only be applied under medical supervision and after the consultation of a doctor to protect the lungs.

Please ensure that this SDS is given to, and explained to people using this product.

Member: Canadian Association of Chemical Distributors
 CACD



Spill Response

IN THE EVENT OF A SPILL

1. Cover and isolate nearby drains or turn off drain valve located at _____
2. Call the supervisor _____
3. If a spill reaches a drain, water or soil, call **503-823-7160** anytime.
For Police, Fire or Medical Emergencies call 911

If you are cleaning up a spill:

- Wear protective gear
- Keep unauthorized vehicles and people out of spill
- Use the spill kit:
 - Seal off drains
 - Set up a berm to contain the spill
 - Cleanup with absorbent materials

GROUNDWATER PROTECTION PROGRAM

HELP PROTECT DRINKING WATER. You are standing over Portland's Columbia South Shore Well Field - a regional drinking water source from groundwater.

Chemical Transfer Procedures
Refer to the unloading procedures located _____

- Identify Responsible Staff
- Safety first, 911 if emergency
- Consult SDS
- Use spill kit, drain covers, etc.
- Use Common Sense

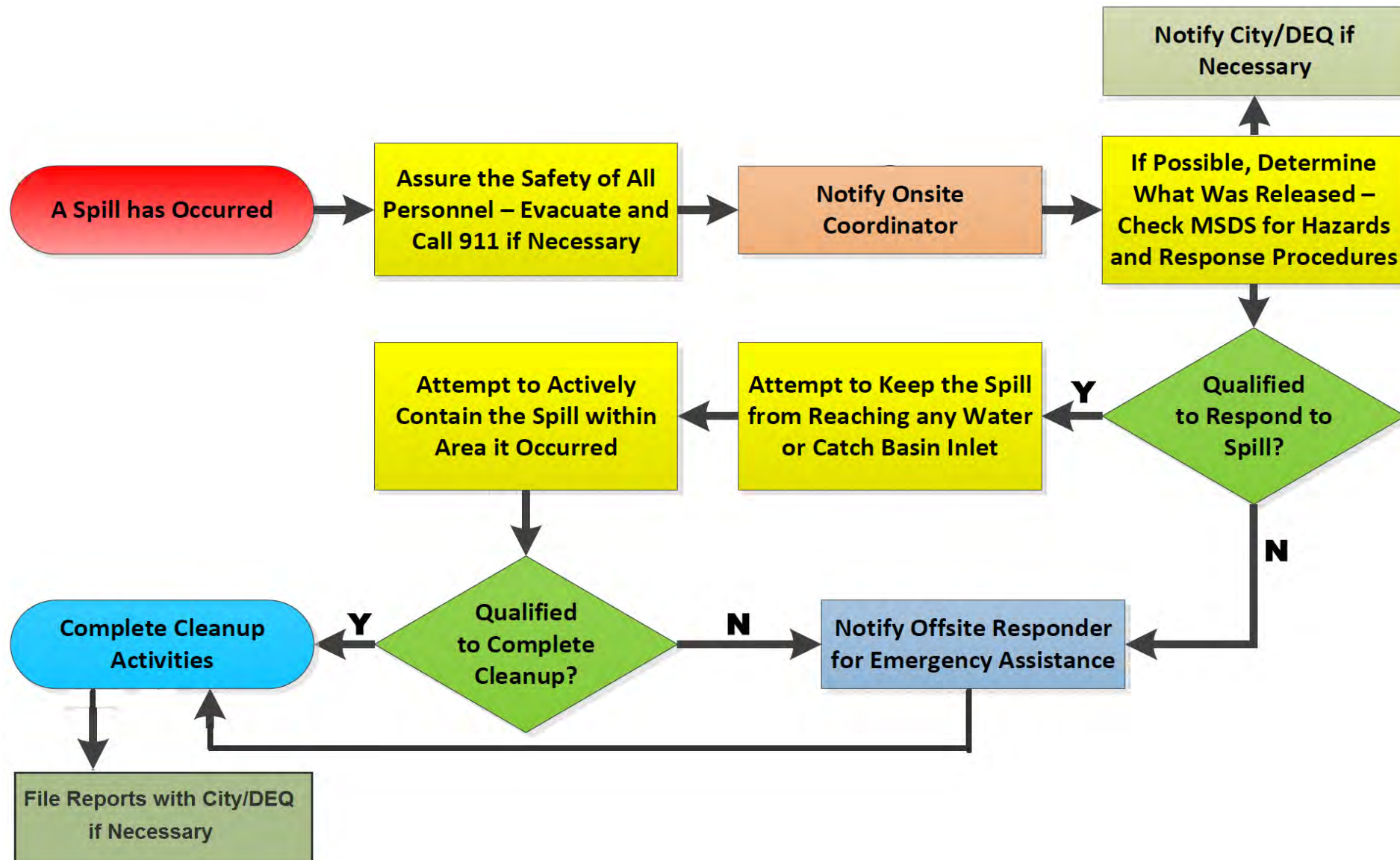


Free signs available on request!

Downloadable templates at:

<https://www.portland.gov/water/groundwater-protection-program>

Simple Response Diagram



Annual Training Requirements

ALL STAFF HANDLING HAZARDOUS MATERIALS OR FUELS REQUIRE ANNUAL TRAINING THAT COVERS:

- Facility is in Drinking Water Protection Area
- Risks to groundwater from the handling/use of hazardous materials (recommended)
- Location of SDS and how to read SDS
- Appropriate spill response & reporting procedures
- Contact information if a spill occurs

Portland and Gresham provide free training videos and resources online

<https://www.portland.gov/water/groundwater-protection-program>

<https://greshamoregon.gov/Well-Field-Protection-Program>

Inspection and Enforcement

- Portland: Fire Bureau, bi-annual compliance inspections for all businesses
- Gresham & Fairview: Share environmental inspector
- Planning and Permit Review



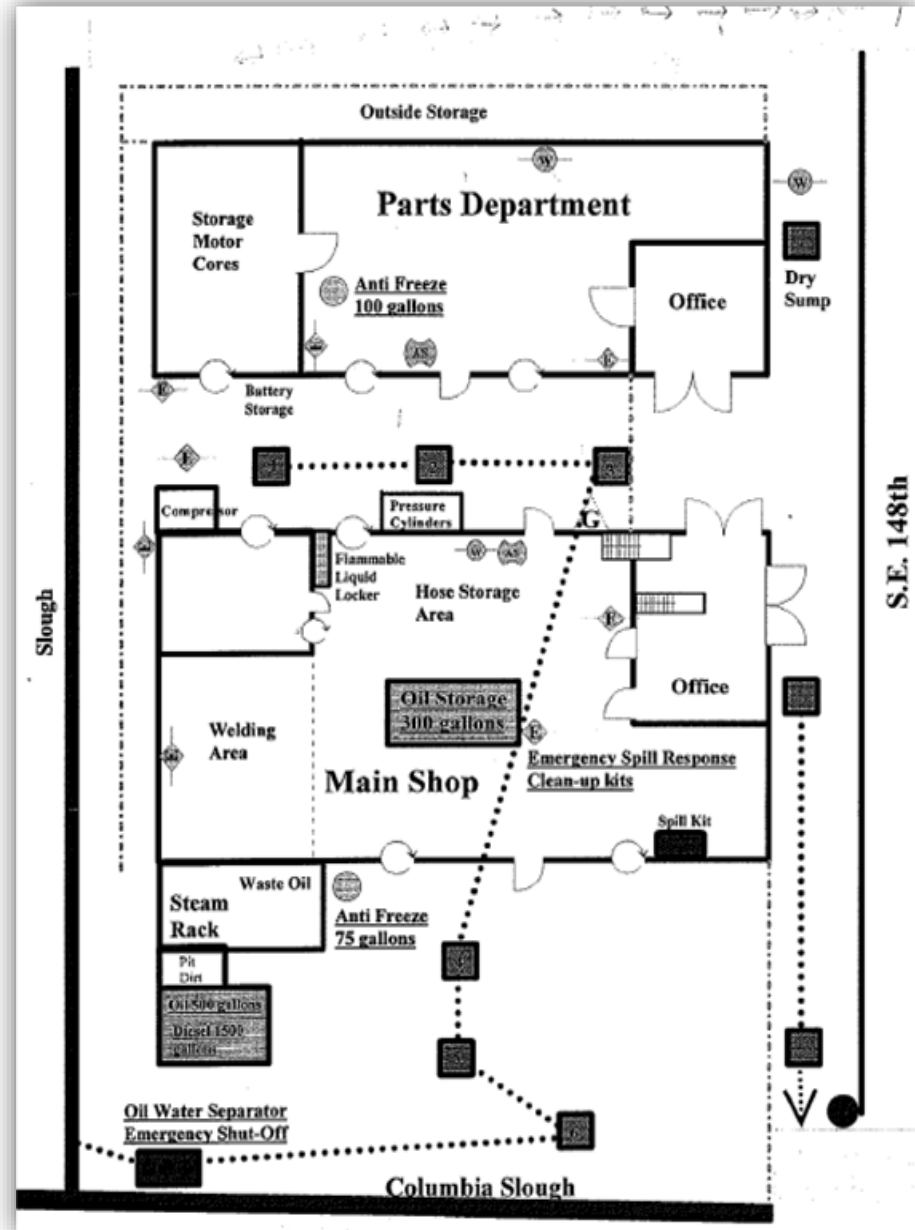
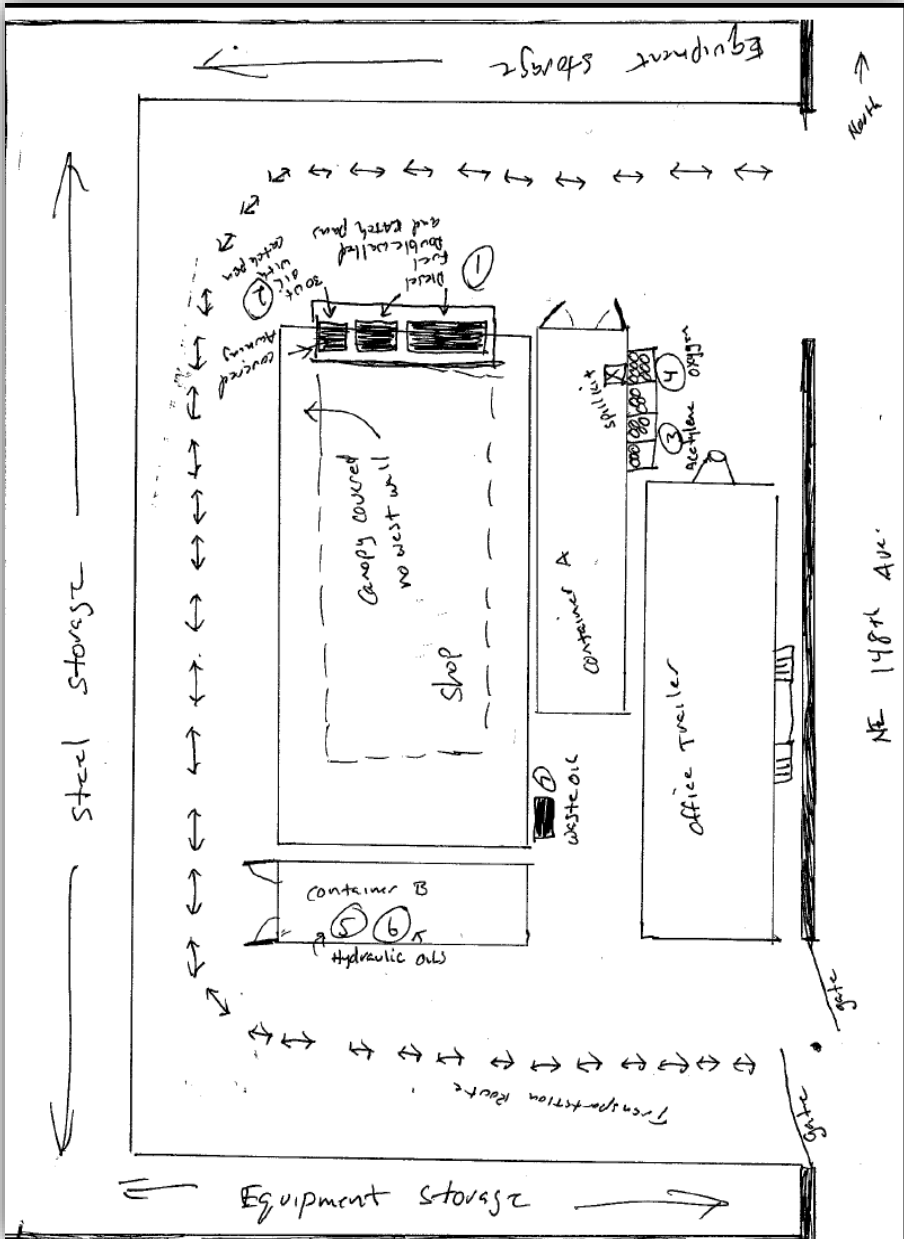
Reporting Requirements

1. Annual Hazardous Material Inventory (on-line)

2. Facility Information Report (Site Plan, up-load):

- Functional areas where hazardous materials are handled
- Transportation routes
- Storm drains and drainage area
- Dry wells or sumps
- Spill containment devices (e.g. shut off valve)
- Emergency spill containment and clean-up kits

Site Plan Examples





Businesses that are located within Columbia South Shore and Cascade well fields and use hazardous chemicals in greater amounts than these thresholds are subject to annual reporting requirements:

- 10 or more gallons of halogenated solvents
- 30 or more gallons of hazardous waste
- 50 gallons or more of hazardous substances (including petroleum products)

Use this website for easy annual reporting. Reporting for the calendar year 2025 is now open! Reports for 2025 are due by January 31, 2026.

New reportable chemicals every year!

- The Federal List of Lists is updated with new chemicals every year. Importantly, 175 Per- and Poly-fluoroalkyl Substances, also known as PFAS, were added in 2021 and are now subject to reporting under the Groundwater Protection Program as hazardous substances. Even more PFAS compounds were added in 2023 and 2024 along with a handful of other compounds.
- PFAS are common in a lot of modern products and processes. In particular, chrome plating, electronics, and certain textile and paper manufacturers are likely to have PFAS in their operations.
- Please check in with your suppliers for updated Safety Data Sheets to see if these newly listed chemicals are in use at your facility. And as always, you can contact the Columbia Corridor Association or your local city water provider with any questions.

[Log In and Report](#)

[Learn more »](#)



Log in.

Use a local account to log in. 

Email

Password

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Groundwater Protection Program

Manage.

Change your account settings

- Password:** [[Change your password](#)]
- My Contact Details:** [[Edit Details](#) | [View Details](#)]
- My Company:** REBECCA'S CHEMICAL OUTLET [[Edit Details](#) | [View Details](#)]



Edit User and Company Contact Details

someone

Edit User Form

Contact Email	<input type="text" value="annabuckley@hotmail.com"/>	<input type="button" value="⊕"/>
Company Name	<input type="text" value="REBECCA'S CHEMICAL OUTLET"/>	<input type="button" value="⊕"/>
Title *	<input type="text" value="Manager"/>	
Primary Contact *	<input checked="" type="checkbox"/>	<input type="button" value="⊕"/>
First Name *	<input type="text" value="Jane"/>	<input type="button" value="⊕"/>
Last Name *	<input type="text" value="Doe"/>	
Phone 1 *	<input type="text" value="(503) 555-1111"/>	<input type="button" value="⊕"/>
Phone 1 Extention	<input type="text" value="51111"/>	
Phone 1 Type *	<input type="text" value="Office"/>	<input type="button" value="⊕"/>
Phone 2	<input type="text" value="(503) 555-1112"/>	
Phone 2 Extention	<input type="text"/>	
Phone 2 Type	<input type="text" value="-- Select One --"/>	

* = required fields for reporting

[Cancel Edit](#)



Groundwater Protection Program

Home About C

Start typing the first few letters of your company's name into the 'Company Name' field and a list of possible matches will be generated. Select your company from the drop-down list. If there's no match, type the full name of your company.

OK

Edit User and Company Contact Details

Edit User Form

Contact Email

annabuckley@hotmail.com



Company Name

REBECCA'S CHEMICAL OUTLET



Title *

Manager

Primary Contact *



First Name *

Jane



Last Name *

Doe

Phone 1 *

(503) 555-1111





Groundwater Protection Program

Manage.

Change your account settings

- Password:** [[Change your password](#)]
- My Contact Details:** [[Edit Details](#) | [View Details](#)]
- My Company:** REBECCA'S CHEMICAL OUTLET [[Edit Details](#) | [View Details](#)]



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Company Details

Company

Company Name	REBECCA'S CHEMICAL OUTLET
Contacts	Contacts
Current Site Plan	Download Site Plan
Company/Site Address	1120 SW 5th Ave 600 PO 97204
Raw Input	
Company/Site Address	
Phone	(503) 823-7493
Mail Address	P.O. Box 1234 PORTLAND OR 97204
Company HQ Address	1234 SE CHEMICAL ROW AUSTIN TX 54321
Has Site Plan	Site Plan
Business License	
Number	
NAICS primary	111130
NAICS secondary	
Business Type	Dry Pea and Bean Farming

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Annual Reports

Download Current Site Plan

Upload Site Plan (Needs to be a single PDF of one or more pages <5 MB):

Choose File

No file chosen

Upload



Create/View Report for current year



Export Report to Excel

Clear Current Search Criteria

Year:

Search

Company Name	Report Year	Product Name	CAS ID	Chemical Name	Regulated Category & Threshold	Physical State	Unit of Measure	Range	Container Type	Functional Area	Status	
REBECCA'S CHEMICAL OUTLET	2020	Goop A	23564069	(1,2-Phenylenebis(iminocarbonothioyl)) biscarbamic acid diethyl ester	Hazardous Substance (>50 gal or >400 lbs)	LIQUID	POUNDS	1,000-4,999	CARBOY	Indoor Storage	Pending	Details
REBECCA'S CHEMICAL OUTLET	2020	goopy goop chemical cleaner	75456	Chlorodifluoromethane	Hazardous Substance (>50 gal or >400 lbs)	LIQUID	GALLONS	500-999	STEEL DRUM	Indoor Storage	Pending	Details
REBECCA'S CHEMICAL	2018	Goop A	23564069	(1,2-Phenylenebis(iminocarbonothioyl))	Hazardous Substance	SOLID	POUNDS	1,000-4,999	CARBOY	Indoor Storage	Pending	Details



Review, Update, Annual Report

Add New

I Certify this report is complete and accurate

Company Name	Report Year	Product Name	CAS Number	Chemical Name	Regulated Category & Threshold	Physical State	Unit of Measure	Range	Container Type	Functional Area	Status	
REBECCA'S CHEMICAL OUTLET	2020	Goop A	23564069	(1,2-Phenylenebis(iminocarbonothioyl)) biscarbamic acid diethyl ester	Hazardous Substance (>50 gal or >400 lbs)	LIQUID	POUNDS	1,000-4,999	CARBOY	Indoor Storage	Pending	Edit Remove
REBECCA'S CHEMICAL OUTLET	2020	goopy goop chemical cleaner	75456	Chlorodifluoromethane	Hazardous Substance (>50 gal or >400 lbs)	LIQUID	GALLONS	500-999	STEEL DRUM	Indoor Storage	Pending	Edit Remove



Edit Annual Report Details

AnnualReport

Company Name	REBECCA'S CHEMICAL OUTLET
Report Year *	2020 ?
Product Name *	Goop B ?
CAS Number	121 ?
Chemical Name	K123 -- Hazardous Waste - K123 ?
Regulated Category & Threshold	Hazardous Waste (>30 gal or >220 lbs) ?
Physical State *	LIQUID v
Unit of Measure *	POUNDS v
Maximum Amount *	1,000-4,999 v ?
Container Type *	CARBOY v
Functional Area *	Indoor Storage v

* = required fields for reporting

Save

[Back to List](#)



Review, Update, Annual Report

Add New

I Certify this report is complete and accurate

Company Name	Report Year	Product Name	CAS Number	Chemical Name	Regulated Category & Threshold	Physical State	Unit of Measure	Range	Container Type	Functional Area	Status	
REBECCA'S CHEMICAL OUTLET	2020	Goop A	23564069	(1,2-Phenylenebis(iminocarbonothioyl)) biscarbamic acid diethyl ester	Hazardous Substance (>50 gal or >400 lbs)	LIQUID	POUNDS	1,000-4,999	CARBOY	Indoor Storage	Pending	Edit Remove
REBECCA'S CHEMICAL OUTLET	2020	goopy goop chemical cleaner	75456	Chlorodifluoromethane	Hazardous Substance (>50 gal or >400 lbs)	LIQUID	GALLONS	500-999	STEEL DRUM	Indoor Storage	Pending	Edit Remove

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Add New Annual Report for 2020

AnnualReport

Company Name	<input type="text" value="REBECCA'S CHEMICAL O"/>
Report Year *	<input type="text" value="2020"/> ?
Product Name *	<input type="text"/> ?
CAS Number	<input type="text"/> ?
Chemical Name	<input type="text"/> ?
Regulated Category & Threshold	<input type="text"/> ?
Physical State *	<input type="text" value="-- Select One --"/>
Unit of Measure *	<input type="text" value="-- Select One --"/>
Maximum Amount *	<input type="text" value="-- Select One --"/>
Container Type *	<input type="text" value="-- Select One --"/>
Functional Area *	<input type="text" value="-- Select One --"/>

* = required fields for reporting



Review, Update, Annual Report

Add New **I Certify this report is complete and accurate**

Company Name	Report Year	Product Name	CAS Number	Chemical Name	Regulated Category & Threshold	Physical State	Unit of Measure	Range	Container Type	Functional Area	Status	
REBECCA'S CHEMICAL OUTLET	2020	Goop A	23564069	(1,2-Phenylenebis(iminocarbonothioyl)) biscarbamic acid diethyl ester	Hazardous Substance (>50 gal or >400 lbs)	LIQUID	POUNDS	1,000-4,999	CARBOY	Indoor Storage	Pending	Edit Remove
REBECCA'S CHEMICAL OUTLET	2020	Epson Ink Pack T741400	56815	GLYCEROL	Hazardous Substance (>50 gal or >400 lbs)	LIQUID	GALLONS	50-199	CARBOY	Indoor Storage	Pending	Edit Remove

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Resources and Contact Info

- **Columbia Corridor Association**
 - Corky Collier – 503-287-8686
 - Corky@columbiacorridor.org
 - www.columbiacorridor.org/wellfield/
- **Portland Water Bureau**
 - Doug Wise – 503-865-6004
 - groundwaterprotection@portlandoregon.gov
 - www.portlandoregon.gov/water/groundwater
- **City of Gresham**
 - Clay Walker – 503-618-2487
 - clay.walker@greshamoregon.gov
- **City of Fairview**
 - Miguel Sanchez – 503-674-6222
 - sanchezm@ci.Fairview.or.us