

Application packet for a new license, license renewal, change of authorization request or change in ownership for facilities that:

- Process non-putrescible (dry) waste
- Reload solid waste
- Compost or reload yard debris
- Process source separated recyclable materials

Updated July 2024

oregonmetro.gov

Metro
Waste Prevention and Environmental Services
600 NE Grand Ave.
Portland, OR 97232-2736
SWICC@oregonmetro.gov



This packet contains an application for a Metro Solid Waste Facility License. You may also want to review the relevant sections of Metro Code. Metro Code Chapter 5.01 identifies which solid waste facilities and activities require a Metro license. You can access the Metro Code via the Metro website at www.oregonmetro.gov/metro-code.

Metro staff will generally review an application for completeness within 15 business days of receipt and notify the applicant whether their application is deemed to be complete. If an application is incomplete, Metro will notify the applicant as to what additional information is required.

Application for a new Solid Waste Facility License

An applicant seeking a new Metro Solid Waste Facility License must first attend a pre-application conference before submitting an application. The purpose of the pre-application conference is for Metro to obtain a description of the proposed solid waste facility and provide the applicant with information regarding the applicable requirements for the proposed operation. The conference also provides the applicant with an opportunity to discuss the application process and to identify any potential issues specific to its proposal. An applicant should prepare for the pre-application conference by reviewing application forms and drafting responses before the conference. To schedule a pre-application conference, contact Joanna Dyer, Metro's Solid Waste Authorization Coordinator at 971-401-0976 or via email at SWICC@oregonmetro.gov.

After completing the pre-application conference, an applicant seeking a new license must submit to Metro a completed *Solid Waste Facility License Application* form and provide all additional information as required. Metro will generally approve or deny a new license within 180 days after Metro deems the application to be complete. The fee for filing a license application is \$300. See Metro Code Chapter 5.01 for more information regarding the issuance of a license.

Renewal of an Existing License

An applicant seeking to renew an existing license without substantive changes to the current authorization must submit a completed *Solid Waste Facility License Application* form and provide all additional information as required, unless Metro staff directs otherwise. License renewal applications must be submitted not less than 120 days before the current license expires. If a licensee fails to submit a timely renewal application, the licensee's authority to operate may lapse. Additionally, Metro is not obligated to renew a license earlier than the expiration date of the existing license even if the licensee files a renewal application more than 120 days before the existing license expires. The fee for filing a license renewal application is \$300. See Metro Code Chapter 5.01 for more information regarding the renewal of licenses.

Change of Authorization to an Existing License

An applicant seeking a change of authorization for an existing license (other than renewal) must submit to Metro a completed *Solid Waste Facility License Application* form and provide all additional information as required unless Metro staff directs otherwise. The applicant cannot implement the requested change of authorization until Metro approves it in writing. The fee for filing a change of authorization application is \$100. See Metro Code Chapter 5.01 for more information regarding changes of authorization for licenses. Metro may require the applicant to apply for a new license if there is a significant change in the types of solid waste accepted or activities performed at a facility.

Transfer of Ownership or Control of an Existing License

An applicant seeking to transfer ownership or control of an existing license must submit to Metro a completed *Solid Waste Facility License Application* form and provide all additional information as required, unless Metro staff directs otherwise. See Metro Code Chapter 5.01 for more information regarding requirements for the transfer of ownership for a licensed facility.



INSTRUCTIONS

- 1. Complete all applicable parts of application.
- 2. Review confidentiality section and sign last page of application.
- 3. Attach required documents.

For Metro Use Only		
Date received:	1-17-2025 resubr	nission
Date deemed complete by Metro		

- 4. Submit application and attachments via email to SWICC@oregonmetro.gov.
- 5. Pay the application fee using one of the following methods:
 - a. **Credit card**: To pay the application fee by credit card, call or email Metro's Accounts Receivable at 503-797-1620 or accounts.receivable@oregonmetro.gov; or
 - b. **By Mail**: To pay by check, include the name of the facility and "Metro Solid Waste Facility License application fee" on the check and mail to:

Metro Unit 20 PO Box 4500 Portland, OR 97208-4500

Questions? Contact Metro's Solid Waste Authorization Coordinators at SWICC@oregonmetro.gov.

PART 1 – Standard License Application Information

1. Applicant (Licensee)	
Facility Name:	Ingenium – Troutdale
Company Name:	Ingenium
Facility Street Address, City, State, Zip:	925 Corporate Drive, Troutdale, OR, 97001
Facility Mailing Address, City, State, Zip:	955 W. Mission Avenue Escondido, CA 92025
Contact Person & Title:	Luke Miskiewicz Regional EHS Manager
Phone Number:	503-407-7838
E-mail Address:	lmiskiewicz@pureingenium.com



2.	Type of Application (pl	ease check one)					
\boxtimes	New license	,					
	Date of Pre-Application Conference: 10/22/2024						
	Renewal of an existing	g license	Current Metro Solid Waste Facility License				
	Change of authorizati	on to an existing license (other than a renewal)	Number:				
	•	oposed change below in Section 4.					
	Transfer of ownership	or control of an existing license					
3.	Type of facility (please	check one)					
	Non-putrescible (dry)	waste material recovery facility					
	Source-separated rec	yclable material recovery facility					
	Source-separated foo	d waste reload facility					
	Yard debris reload fac	ility					
	Yard debris composti	ng facility					
\boxtimes	Other solid waste relo	pad or processing facility					
(authorization to an existing license, please explain the pro es if necessary). Complete all remaining sections of this fo	•				
5.	Applicant's Owner or F	Parent Company					
	(Provide information f	or all owners and corporate structure if applicable)					
Com	pany Name:	Ingenium Group, LLC					
Mail	ing Address,	955 W Mission Ave., Escondido, CA 92025					
City,	State, Zip:						
Conf	tact Person & Title:						
Pho	ne Number:						
E-ma	mail Address:						



6. Site Operator (if differ	ent fron	1 Appli	icant)			
Company Name:						
Mailing Address,						
City, State, Zip:						
Contact Person & Title:						
Phone Number:						
E-mail Address:						
7. Site Description						
Tax Lot(s): 1N3E26A-01309)		Section: 26	Township: IN	Range:3E	
					1	
8. Land Use						
Present Land Use Zone:						
Is proposed use permitted		□ Yes			⊠ No	
outright?		If yes, attach a copy of the Land Use Compatibility Statement (See Attachment D).				
Is a conditional use permit		☐ Ye	•			□ No
necessary for the facility?		If yes, attach a copy of the <i>Conditional Use Permit</i> (See				
		Attac	hment F)			
Are there any land use issurpresently pending with the		☐ Yes If yes, please explain the land use issues below.			⊠ No	
		ii yes	, please explain the	land use issues below.		
Description of the pending use issues identified above						
Are any permits required f		⊠ Ye	es .			□ No
the Oregon Department of Environmental Quality (DEQ)?		If yes, please list all DEQ permits below and attach copies with				
-	α):		pplication (see Attac	cnment F).		
Listing of all required DEQ permits:		DEQ-	VSQG			
Are any other local permits	or	⊠ Ye	es			□ No
building codes required?				required permits below	v and attach	
		copie	s with this application	on (see Attachment F).		



Listing of other required permits: Troutdale Business License, Business Registry,						
9. Land Owner						
Is the applicant the sole owner of the property on which the facility is located?	□ Yes	☐ Yes ☐ No If no, please complete this section with additional pages if necessary and attach a completed <i>Property Use Consent Form</i> (see Attachment E).				
Property Owner:						
Mailing Address, City, State, Zip:						
Phone Number:						
E-mail Address:						
10. Public/Commercial Op	erations					
Will the facility be open to	the public	(e.g., non-commercial	self-haul customers)?	☐ Yes	⊠ No	
Will the facility be open to	non-affilia	nted commercial solid v	waste collectors?	☐ Yes	⊠ No	
Will the facility accept was	te from oເ	itside the boundary of	Metro?	⊠ Yes	□ No	
11. Operating Hours and	Traffic Volu	ume				
	Public Commercial Commercial				ercial	
	(non-co	ommercial self-haul)	Affiliated	Non-Aff	iliated	
Operating Hours	NA M-F 7:30-3:30 NA					
Customer Hours (if different)	NA NA NA					
Estimated Vehicles Per Day	NA 2 NA					



12. Inbound Waste/Feedstock by Type

Identify the types of waste/feedstock and annual tonnage amounts that the applicant expects to receive at the facility. Also, identify how the applicant will manage each waste stream, the expected tip fees that the applicant will post at the facility, and the length of time required to process each waste stream (attach additional pages if necessary).

Waste/Feedstock Type	а	epted it ility	Expected Annual Tonnage Amount	Type of Activity to be Performed on Waste	Expected Tip Fee (per Ton)	Estimate the maximum and typical lengths of time required to process each day's receipt of each waste/feedstock type
Source-Separated Wood:	□ Yes	□ No				
Source-Separated Yard Debris:	□ Yes	□ No				
Source-Separated Yard Debris Combined with Residential Food Waste:	Yes	□ No				
Source-Separated Commercial and Other Food Waste:	Yes	□ No				
Inerts (e.g., rock, concrete, etc.):	Yes	□ No				
Non-Putrescible (dry) Waste:	☐ Yes	□ No				
Source-Separated Recyclables:	☐ Yes	□ No				
Special Wastes (please specify):	□ Yes	□ No				
Petroleum Contaminated Soil:	□ Yes	□ No				
Putrescible (wet) waste:	□ Yes	□ No				
Other Waste/Feedstocks (please specify):	⊠ Yes	□ No	1,081	Transport		
Other Waste/Feedstocks (please specify):	Yes	□ No				



13 .	Inbound	Waste/	Feedstock b	y Generator
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Identify the generator type and the expected annual tonnage of waste/feedstock that the facility will receive and recover from each type. Add additional rows if necessary.

Generator Type*	Tons Received**	Tons Recovered**	Tons Residual**
TOTAL TONS:			

^{*} Example: commercial, residential, self-haul, etc.

14. Outbound Waste and Materials

List the expected destination and amount of each type of outbound solid waste and materials that the applicant expects to transport from the facility (attach additional pages if necessary).

Destination Site	Waste/	Expected	Purpose
(Name and address)	Material Type	Annual Tonnage	Of Delivery*
Burlington Environmental, LLC, (Tacoma) a Clean Earth Environmental Solutions, Inc. Company - 1701 E Alexander Ave, Tacoma, Washington, 98421	Labpack Product Waste, Organic Liquid/Solvent	0.44	Labpack / Non- /Hazardous Land Fill
Chemical Waste Management of the Northwest - 17629 Cedar Springs Lane, Arlington, Oregon, 97812	Resin, Rinse Water, Water Solvent Mixture.	123.89	Landfill
Patriot Environmental Services - 4927 NW Front Avenue, Portland, Oregon, 97210	Rinsewater	389.39	Landfill

^{**} Tons received = tons recovered + tons residual



		T =	T
Reworld Solutions LLC (fmr Covanta) - 2320 S Harding St, Indianapolis, Indiana, 46221	Aged Raw Materials, Oil and Oily Solids, Rinse Water/Waste Wate, Water Based Adhesives	7.54	Waste to Energy
Systech Environmental Corporation - 1420 S. Cement Road, Fredonia, Kansas, 66736	Clean up debris and lab debris	0.28	Fuel Blend
Tradebe Treatment and Recycling of WI LLC - 5611 West Hemlock St, Milwaukee, Wisconsin, 53223	Cleanup Debris and lab debris	0.76	Treatment
US Ecology Idaho, Inc 20400 Lemley Road, Grand View, Idaho, 83624	Aged Raw Materials, Organic liquid and solvent	138.68	Landfill
US Ecology Nevada, Inc Hwy 95, 12 miles South of Beatty, Beatty, Nevada, 89003	Aqueous process solution, Clean up debris/lab debris, ink waste oil and oily solids, organic liquid/solvent, resin, used filter media	320.24	Landfill
VLS - Houston - 17360 Premium Dr, Hockley, Texas, 77447	Clean up debris/lab debris, water and solvent mixture	2.67	Waste To Energy
VLS- Quartzsite - 3215 West Dome Rock Road, Quartszite, Arizona, 85346	Aged raw material, clean up/lab debris, coolant/glycol, oil and oily solids, organic liquid/solvent, resin, rinse and waste water	90.38	Waste to Energy
VLS - Armor - 101 S Park Dr, Mt Pleasant, Tennesee, 38474	Aged raw materials, clean up debris, coolant/glycol, oil and oily solids, water and solvent	14.39	Waste to Energy



*Example: disposal, recovery, land reclama	tion, beneficial use, etc.			
15. Subcontractors				
Provide the name, address and fun (this does not include janitorial staf		ivolved i	n the facility	operations, if applicable
Name	Address		Function	

PART 2 – Standard Attachments to License Application

New License, License Renewal and Change of Authorization

- The applicant must provide a current version of all of the following attachments with each application unless otherwise directed by Metro.
- The applicant must clearly label each attachment submitted as part of the application. A description of each attachment is provided in Appendix A.

Check if included	Attachment
\boxtimes	Attachment A: Site Plan
\boxtimes	Attachment B: Operating Plan
\boxtimes	Attachment C: Proof of Insurance
\boxtimes	Attachment D: Land Use Compatibility Statement (LUCS)
	Attachment E: Property Use Consent Form (This form is not necessary if the property is solely owed by the applicant)
\boxtimes	Attachment F: Required Permits



Attachment G: Facility Design Plan (NEW CONSTRUCTION ONLY)

PUBLIC NOTICE AND CONFIDENTIAL INFORMATION

- This application and all of the supporting documentation that the applicant provides is subject to
 Metro's public notice procedures. Metro will notify and provide the public with an opportunity to
 review and comment on the proposed application. The public notice may include, but is not limited to,
 posting the complete application on Metro's website.
- The applicant may identify as confidential any reports, books, records, maps, plans, income tax returns, financial statements, contracts and other similar written materials of the applicant that are directly related to the proposed application and that are submitted to or reviewed by Metro. The applicant must prominently mark any information that it claims confidential with the mark "CONFIDENTIAL" before submitting the information to Metro. Subject to the limitations and requirements of ORS Chapter 192 (public records law) and other applicable laws, Metro will treat as confidential any information so marked and will make a good faith effort to not disclose that information unless Metro's refusal to disclose the information would be contrary to applicable Oregon law.
- These conditions do not limit the use of any information submitted to or reviewed by Metro for
 regulatory purposes or in any enforcement proceeding. In addition, Metro may share any confidential
 information with representatives of other governmental agencies provided that, consistent with
 Oregon law, those representatives agree to continue to treat the information as confidential and make
 good faith efforts to not disclose the information.

APPLICANT CERTIFICATION

An authorized agent of the applicant must sign this application. Metro will not accept an application without a signature.

I certify that the information contained in this application is true and correct to the best of my knowledge. I agree to notify Metro within 10 days of any change in the information submitted as a part of this application.

Signature of authorized agent		OTHER COPY SIGNED, ISSUES WITH FILE TRANSFER		
0.6	are or assurerized agent	Date	12/11/2024	
Print n	ame Luke Miskiewicz			
Title	Regional EHS Manger			
Email	Lmiskiewicz@pureinge	nium.com Phone 503-407-78	338	

Appendix A: Description of required attachments



Appendix A: Description of required attachments

ATTACHMENT A: SITE PLAN

The applicant must submit a facility design plan showing the location of the facility at an appropriate scale. An aerial photograph, Google image or scaled drawing is acceptable, and must include all of the information described below, labeled in a legible manner. If any portion of facility operations takes place within an enclosed building, submit a separate image or diagram labeling the required information for internal operations.

- 1) Property and External Operations. Identify the location of:
 - a) The facility site, including all property boundaries
 - b) Access roads
 - c) All buildings on the property (existing and proposed)
 - d) Scale(s) and scale house(s)
 - e) Fencing and gates
 - f) Paved areas
 - g) Vegetative buffer zones and berms
 - h) Bioswales, if present on site
 - i) Exterior storage areas or stockpiles of solid waste accepted by the facility as indicated in the application, including maximum pile height
 - j) Storage areas for the temporary containment of prohibited waste that the facility inadvertently receives, while awaiting proper removal or disposal of the prohibited waste. (The facility must cover and enclose the containment areas and construct them in a manner to prevent leaking and contamination.)
 - k) Water sources for fire suppression
 - I) All receiving, processing, reload and storage areas
 - m) Load checking areas (as applicable)
 - n) On-site traffic flow patterns
 - o) Facility signage
 - p) COMPOST FACILITY ONLY: Compost/curing piles/windrows, aeration systems including bio-filters, or enclosed structures to prevent odors from being detected offsite
 - q) COMPOST FACILITY ONLY: The prevailing wind direction, by season, identified on a map or aerial photograph
- 2) Internal operations. Identify the location of:
 - a) All receiving, processing and reload areas
 - b) Load checking areas
 - c) Storage areas for solid waste accepted by the facility as indicated in the application
 - d) Storage areas for the temporary containment of prohibited waste that the facility inadvertently receives, while awaiting proper removal or disposal of the prohibited waste. (The facility must cover and enclose the containment areas and construct them in a manner to prevent leaking and contamination.)

Appendix A: Description of required attachments



- e) Traffic flow patterns within buildings
- f) Compactor or other processing equipment
- g) Fire suppression equipment

ATTACHMENT B: OPERATING PLAN

The applicant must submit an operating plan for review and approval by Metro, subject to any additional elements as required in the license - if one is approved and issued. The operating plan must describe the following, at a minimum:

- 1) Types of solid wastes the facility will accept
- 2) Procedures for material recovery including:
 - a) Procedures for segregating and managing loads of incoming source-separated recyclables from other materials
 - b) Procedures for recovering materials from solid waste, including equipment to be used on site (e.g. sorting lines, hand picking, magnets, etc.)
- 3) Procedures for managing waste and other materials; identify the type of equipment that will be used to process, reload and transport waste to a processing facility or disposal site
- 4) Description of the general markets for the material(s) recovered at the facility
- 5) Procedures for measuring and keeping records of the amount of materials received, recovered, and disposed. These procedures must comply with Metro's record keeping and reporting requirements as described in *Reporting Requirements and Data Standards for Metro Solid Waste Licensees, Franchisees, and Parties to Designated Facility Agreements*.
- 6) Procedures for inspecting loads, including:
 - a) Procedures for inspecting incoming loads for the presence of prohibited or unauthorized wastes
 - b) Objective criteria for accepting and rejecting loads
 - c) Protocol for identifying, isolating and testing material that may contain asbestos
- 7) Procedures for storage of waste and other materials including:
 - a) Description of waste types that will be stored on site
 - b) Procedures for managing stockpiles
 - c) Procedures for removing waste and other materials off site at sufficient frequency to avoid creating material degradation, nuisance conditions or safety hazards
- 8) Procedures for rejecting or managing prohibited wastes including:
 - a) Procedures for rejecting, managing, reloading and transporting any hazardous, prohibited or unauthorized wastes discovered at the facility to an appropriate facility or disposal site
 - b) Procedures and methods for notifying generators to not place hazardous waste or other prohibited waste in drop boxes or other collection containers destined for the facility
- 9) Procedures for odor mitigation, including:

Appendix A: Description of required attachments



- a) A management plan that the facility will use to control and minimize odors of any derivation from the facility including odorous loads
- Procedures for receiving and recording odor complaints, immediately investigating any odor complaints to determine the cause of odor emissions, and promptly correcting any odor problem at the facility
- 10) Procedures for controlling and minimizing nuisances and other offsite impacts including: noise, vectors, dust and litter. These procedures must include a description of the methods that the facility will use to encourage its customers to cover waste loads delivered to the facility.
- 11) Procedures the facility will follow in case of a fire or other emergency
- 12) Procedures for fire prevention, protection and control measures used at the facility.
- 13) Closure procedures and costs required to:
 - a) Properly close the facility and cease further solid waste activities; and
 - b) Restoring the site to its condition before the applicant engaged in the licensable activity. Closure may include, but is not limited to, removal of all on-site solid waste stockpiles accumulated after Metro issued a Metro Solid Waste Facility License.

ATTACHMENT C: INSURANCE

The applicant must submit proof of the following types of insurance, covering the applicant, its employees, and agents:

- 1) The most recently approved ISO (Insurance Services Office) Commercial General Liability policy, or its equivalent, written on an occurrence basis. The policy must include coverage for bodily injury, property damage, personal injury, death, contractual liability, premises and products/completed operations. All insurance coverage must be a minimum of \$1,000,000 per occurrence.
- 2) Automobile insurance with coverage for bodily injury and property damage, and with limits not less than minimum of \$1,000,000 per accident or combined single limit.
- 3) The General Liability policy must name Metro, its elected officials, departments, employees, volunteers and agents as ADDITIONAL INSUREDS. The applicant must include the additional insured endorsement along with the certificate of insurance.
- 4) Certification of Workers' Compensation insurance that meets Oregon statutory requirements including employer's liability with limits not less than \$1,000,000 per accident or disease. If the applicant or licensee has no employees and will perform the work without the assistance of others, you may attach a certificate to that effect in lieu of the certificate showing current Workers' Compensation.

ATTACHMENT D: LAND USE COMPATIBILITY STATEMENT (LUCS)

The applicant must submit the following information:

A copy of a completed Metro LUCS or DEQ LUCS. The Metro LUCS is available at www.oregonmetro.gov/solidwasteforms.

ATTACHMENT E: PROPERTY USE CONSENT FORM

The applicant must submit the following information if required in Part 1, section 9, of this application.

A copy of a completed Property Use Consent Form, available at www.oregonmetro.gov/solidwasteforms.

Appendix A: Description of required attachments



ATTACHMENT F: REQUIRED PERMITS

The applicant must submit the following information:

- 1) A copy of any required permit, license or franchise that a governing body or agency (whether federal, state, county, city or other) has granted or issued to the applicant, including, but not limited to DEQ disposal site permit, DEQ 1200-Z stormwater permit (first page only) and Conditional Use Permits. If the governing body or agency has not yet issued the required permit, license or franchise, the applicant must provide a copy of the application it submitted. Metro may also request copies of correspondence pertaining to any required permit, license or franchise.
- 2) New facilities: A copy of all applications for necessary DEQ permits and any other information required by or submitted to DEQ.

ATTACHMENT G: FACILITY DESIGN PLAN (NEW CONSTRUCTION ONLY)

The applicant must submit a facility design plan that addresses the topics outlined below. Application submittals such as facility design plans, building plans, site plans and specifications must be prepared, as appropriate, by persons licensed in engineering, architecture, landscape design, traffic engineering, air quality control and design of structures.

- 1) Facility overview that includes a description of the following:
 - a) Facility design and technology
 - b) Buildings and major equipment (existing and proposed)
 - c) Construction timeline (as applicable)
 - d) Types of wastes to be processed
 - e) Residuals management procedures
- 2) Dust, odor, airborne debris and litter:
 - a) Submit a proposed design or existing design plan that identifies the location of all areas for load checking, receiving/tipping, mixing, processing, reloading and storage for all materials.
 - b) Compost facility only: provide locations for compost/curing piles/windrows, aeration systems including bio-filters, or enclosed structures to prevent odors from being detected offsite.
 - c) Describe control measures to prevent odors, fugitive dust, airborne debris and litter. Describe how the facility design will provide for shrouding and dust prevention for the receiving area, processing area, storage area, reload area, all waste processing equipment and all conveyor transfer points where dust is generated.
- 3) Fire prevention:
 - Submit proof of compliance with local and state fire codes.
- 4) Adequate vehicle accommodation:
 - Provide documentation to demonstrate that the facility will provide adequate on-site areas at the facility's entrance, scales, loading and unloading points and exit points to allow safe queuing off public roads and right-of-way given the number and types of vehicles expected to use the facility during peak times.
- 5) Stormwater and leachate:

Appendix A: Description of required attachments



Submit a DEQ (or equivalent) approved plan with pollution control measures to protect surface and ground waters, including runoff collection and discharge and equipment cleaning and washdown water.

- 6) A compost facility must submit a written description of the following (in addition to the items listed in subsection 1):
 - a) Feedstock receiving procedures
 - b) Feedstock pretreatment and contaminant removal procedures and equipment (as applicable)
 - c) Feedstock processing details and methods
 - d) Dewatering and liquids management (as applicable)
 - e) Pathogen reduction / control procedures (as applicable)
 - f) Monitoring, quality control and testing





Site Plan

Commercial Tennant Improvement

Presented to: Troutdale Planning Department

Date: August 29, 2018

Property Location: Ingenium Group, LLC 935 NW Corporate Dr., Troutdale, OR 97060



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City of Troutdale APPROVED

Date 12/11/18

THESE DOCUMENTS SHALL BE ON THE JOB SITE FOR ALL REQUESTED INSPECTIONS

Introduction

This Site Plan is submitted to the Troutdale Planning Department at the request of Mark Krenz. This plan is used to provide a narrative of the operations that would be conducted at the site in question.

Governing Laws & Regulation – Hazardous Waste Transporters

- Hazardous waste transporter requirements: Oregon Administrative Rules (OAR) 340-100-0002
- Spill notification for motor carriers: OAR 740-110-0040

Regulatory Agencies

- Oregon Department of Environmental Quality (DEQ)
- Oregon Department of Transportation (ODOT)
- Environmental Protection Agency (EPA)
- Department of Transportation (DOT)

Rules: Oregon has incorporated by reference the hazardous waste transporter regulations for motor carriers, with additional notification requirements

40 CFR §263.12 Transfer facility requirements.

(a) A transporter who stores manifested shipments of hazardous waste in containers meeting the independent requirements of §262.30 at a transfer facility for a period of ten (10) days or less is not subject to regulation under parts 264, 265, 267, 268, and 270 of this chapter with respect to the storage of those wastes.

Operational Overview

Ingenium Group, LLC (Ingenium) is a registered Hazardous Waste Transporter that will be operating an exempt hazardous waste 10-Day transfer facility at 935 NW Corporate Dr., Troutdale OR 97060.

Ingenium is an environmental service provider specializing in the management and transportation of laboratory hazardous and bio-hazardous waste. The majority of Ingenium's services are performed at the customer's location. Ingenium's services include providing clients with Department of Transportation (DOT) United Nations (UN) approved shipping containers and packaging materials; health and safety supplies; environmental health and safety consulting services; compliance training; on-site waste management and technical services; environmental project management; emergency spill response; and waste transportation. Ingenium's customers generally consist of pharmaceutical, biotechnology, hospitals, universities, schools, manufacturers and other local agencies.

City of Troutdale

APPROVED

Date 12/11/18

Ingenium has a staff trained in all pertinent DOT, RCRA, OSHA regulations, who provide on-site services and pick up sealed containerized waste materials packaged difference transportation at the customer's location, using small bobtail box vans. These bottail vans return to the Ingenium's yard and transfer the sealed waste materials to 53' long-haul Box Van trailers for shipment to licensed Treatment, Storage and Disposal Facilities (TSDFs).

These containers are packaged according to Department of Transportation regulations and comply with United Nations Packaging guidelines. Prior to picking up containers at customer locations, all containers are inspected for integrity, leakage, cleanliness, correct identification and labeling, and are manifested in accordance with all local, state and federal laws governing the transportation of waste materials prior to being loaded. Any waste material containers determined not to meet any of these requirements are rejected from pick-up until corrective action has been taken. In accordance with the requirements set forth for transporters of hazardous waste materials by the Environmental Protection Agency (EPA), Ingenium is not authorized or permitted to open, use, generate, process, produce, repackage, treat, store, emit, discharge or directly handle any of the containerized waste materials they pick up and transport from their customers to the TSDFs.

Transfer Facility

In accordance with 40 CFR §263.12, Transporters accepting hazardous waste from a generator or another transporter may need to hold waste temporarily during the normal course of transportation. A transfer facility is defined as any transportation-related facility, such as loading docks, parking areas, storage areas, and other similar areas where shipments are temporarily held. A hazardous waste transporter may hold waste without a storage permit in containers at a transfer facility for 10-days or less (Exempt Transfer Facility) as long as the waste is manifested and kept in U.S. DOT specification containers. Storage in stationary containers is prohibited unless the transfer facility has a RCRA permit or interim status.

If a transporter stores waste in containers at a transfer facility for more than 10-days, the transfer facility becomes a storage facility subject to all applicable requirements for treatment, storage and disposal facilities (TSDFs).

Transportation related facilities conduct transfer of waste containers between transport vehicles and /or modes of transportation. A transfer facility under RCRA is strictly an intermediate temporary facility operated by a transporter (68 Fed. Reg. 61906 (10/30/2003))

Exempt Transfer Facility

Ingenium operates a Exempt 10-Day Transfer Facility. The exempt transfer facility is the place a transporter may consolidate or transfer shipments to different vehicles in order to redirect them to their final destination. A transfer facility operated by a transporter is not subject to the requirements regarding a permit for waste storage if during the normal course of transportation all of the following conditions are met:



- Wastes are held for less than 10 days depending on zoning;
- The waste is manifested; and
- The waste is stored in containers meeting the requirements of 40 CFR 262.30.
 - The generator must package the waste in accordance with the applicable Department of Transportation regulations on packaging under 49 CFR parts 173, 178, and 179.

Transporter Obligations

Because hazardous waste transporters move regulated wastes on public roads, highways, rails, and waterways, EPA and the U.S. Department of Transportation (U.S. DOT) jointly developed the hazardous waste transporter regulations.

A transporter of hazardous waste is subject to several regulations under RCRA, outlined in Title 40 of the Code of Federal Regulations (CFR) part 263, including:

Obtaining and EPA ID Number: EPA keeps track of hazardous waste transporters
by requiring each transportation company to obtain an EPA ID number. A
transporter is forbidden from transporting hazardous waste if they do not have an
ID number. Unlike generator EPA ID numbers, which are site-specific, transporter ID
numbers are assigned to the transportation company as a whole. This means that
each individual truck uses the number issued to the company's headquarters
location and does not receive its own unique number.

Ingenium's Transporter EPA ID Number: CAR000179747

Complying with EPAs Hazardous Waste Manifest System: EPA's hazardous waste
manifest system is designed to track hazardous waste from the time it leaves the
generator facility where it was produced, until it reaches the off-site waste
management facility that will store, treat or dispose of the hazardous waste. The
manifesting responsibilities vary depending on the mode of transportation
(highway, water, rail or air).

With the exception of water and rail shipments, a copy of the manifest must accompany a copy of the shipment of waste at all times. This copy must be in the driver's seat or door pouch of the vehicle, or if the waste is on a disconnected trailer, then at the front of the trailer near the cable connections. Once a transporter accepts a waste, the transporter is required to deliver the entire quantity of waste to the next designated transporter or facility. When the waste arrives at its next destination, the transporter must have the manifest signed and dated by the recipient. The transporter must keep a copy of the manifest for three years.

- Handling Hazardous Waste Discharges: If a transporter discharges or spills hazardous waste, he or she is required to take appropriate, immediate action to protection human health and the environment such as notifying local authorities or diking the discharge area. Additionally:
 - U.S. DOT may require a written report about the incident outlined in 49 CFR section 171.16.

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ON THE JOB SITE FOR ALL REQUESTED INSPECTIONS

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Spill Notification OAR 740-110-0040 is required if a hazardous material (including waste) spill should occur, transporters must take immediate action.

Oregon Emergency Response System:

- 800-452-0311 from within Oregon
- 503-378-4124 from outside Oregon
- Transporters are also required to note on the manifest the time and location of the spill and the amount and type of material spilled and file a Hazardous Materials Incident Report with the ODOT within 30 days.
- When a serious accident or spill occurs, the transporter must notify the National Response Center (NRC) by phone as required by U.S. DOT or the Superfund regulations.
- o A transporter must clean up a hazardous waste discharge so that the hazardous waste discharge no longer presents a hazard to human health or the environment.
- Obeying all applicable U.S. DOT Hazardous Materials Regulations: U.S. DOT establishes regulations for the safe transport of DOT classified hazardous materials. The DOT references include requirements for labeling, marking, placarding, and containers, and the DOT requirements referenced above for responding to spills.

List of Materials Handled, Transferred and Stored

Ingenium is a full-service environmental broker that handles a wide array of hazardous waste and biological waste. As it pertains to this site, the only handling of the material would occur during load adjustments of sealed packages on vehicles, i.e. taking one sealed package off one vehicle and placing it on another vehicle. Ingenium does not consolidate, mix, treat or otherwise manipulate the contents of sealed containers. The containers remain sealed throughout the possession of the packages by Ingenium.

The materials transported by Ingenium can include any DOT Hazard Class, with the exception of explosives. Common examples are:

Ingenium does not store any hazardous material packages. All packages are kept on transport vehicles for less than 10 days before delivery to another transporter or receiving facility.

Safety Protocols

Due to the nature of Ingenium's business, Ingenium has an exhaustive list of safety protocols and training designed to minimize risks to employees, the surrounding public and the environment. Our Safety Protocols include:

- Spill Response Training
- Blood Bourne Pathogen Training
- Forklift Trainina
- Hazardous Material Handling Training Department of Transportation HM-181Training **CPR/First Aid**
- Earthquake, Fire and Natural Disaster Training Respirator Training



THESE DOCUMENTS SHALL BE ON THE JOB SITE FOR ALL REQUESTED INSPECTIONS

First Responder Training

In addition to the training regimen, Ingenium also has:

- Through vehicle inspections every 90 days Daily vehicle service inspections
- Fire Extinguisher inspections
- Workplace specific site safety meetings Hazardous Material Security Plan
- Mandatory physicals and random drug screens
- FBI background checks on all operational employees

Containment Methods

As mentioned before, Ingenium does not open, mix or treat any of the shipping packages. Containment, therefore, would be isolated to damaged packages. Ingenium has spill response kits that are designed to contain the entire shipping package without opening the package, and Ingenium's staff is trained to use those kits as part of the Spill Response Training. Ingenium does not have bulk shipments on-site, such as bulk tankers, however does have totes used to transport liquid waste.

Response to Onsite Emergencies

Ingenium personnel are trained as first responders for on-site emergencies. Staff is trained to safely evaluate emergent issues and respond in a manner appropriate to the emergency.

Under our Spill Response protocols, Ingenium staff are equipped and trained to contain, clean and package spill residues in a non-IDLH atmosphere. For health emergencies, if the emergency cannot be attended to by the administration of First Aid/CPR, Ingenium staff is directed to contact 911 for assistance. For fire-related emergencies, staff is directed to use fire extinguishers for small fires and contact 911 for further assistance. For large fires, Ingenium staff is required to implement evacuation protocols and contact 911 for assistance.

Types of Onsite Transfer Methods

Ingenium does not transfer contents from one container to another container. The only transfer activity Ingenium undertakes is the transfer of one sealed package from one transport vehicle to another. Ingenium utilizes equipment such as drum trucks and forklifts to move heavy packages and transfers all other packages by hand.

Segregation

The following DOT Segregation Tables is how we Manage <u>segregation</u>. Waste in transportation must follow these requirements.

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UN Containers

Packaging and containers used to transport Hazardous Materials are regulated in the U.S. by the Department of Transportation, which typically models its regulations on recommendations of the UN Subcommittee of Experts on the Transport of Dangerous Goods.

In order to ensure safe transportation of waste, UN Containers are required in transportation and are used to perform its containment function in conformance with United Nations (UN) specifications. This type of packaging must be certified according to a national competent authority by design qualification testing in accordance with UN standards. This will ensure the packaging is appropriate for the carriage of dangerous goods.

The UN Packaging certification process consists of a number of performance-oriented tests related to packaging integrity. The UN performance tests are based on the degree of hazard posed by the proposed materials to be packaged which are also assigned to a specific Packing Group. The severity of the tests varies according to the Packing Group.

Testing is carried out at an accredited third-party laboratory and is known as type approval or design type testing. Testing is carried out in accordance with accepted published standards such as ISO 16104:2003 and ASTM D4919 – 03(2008), and the regulations require UN packaging to be manufactured under a quality system which satisfied the competent authority. A package that passes the tests is issued with a test report and a unique UN approval mark, which will be applied to packaging that conforms to the same specification as the tested type.

The purpose of the tests is to approve a design to the Packing Group level of performance. The objective is a design that, when filled and closed for shipment, will consistently perform at that level. The tests are not intended to represent all transport conditions but are rather a supplement to an overall design process that must take into account the particular application of the packaging.

Packaging is tested in the "as for shipment" condition, and tests include: drop test, stacking test, leak proof test, hydrostatic pressure/vacuum test, as well as vibration test, cobb water absorption test, ISTA test, and others. Guidelines detail which series or combination of tests are relevant for the specific product type and packaging conditions. Each test has specific guidelines to ensure that the packaging being tested will conform to the respective packing group requirement.

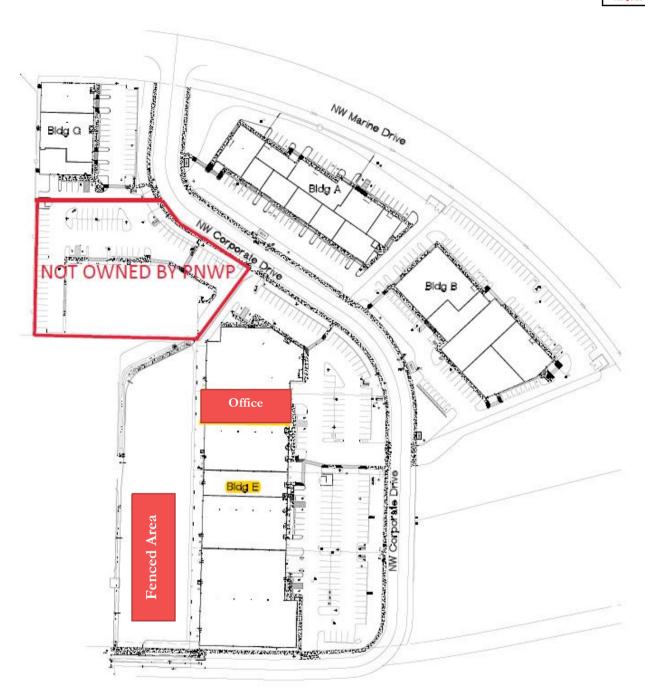
This testing is a comprehensive process, carried out by independent laboratories which are legally authorized to issue a formal UN certification of the "worthiness" of the packaging for use with hazardous materials.

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Facility Map

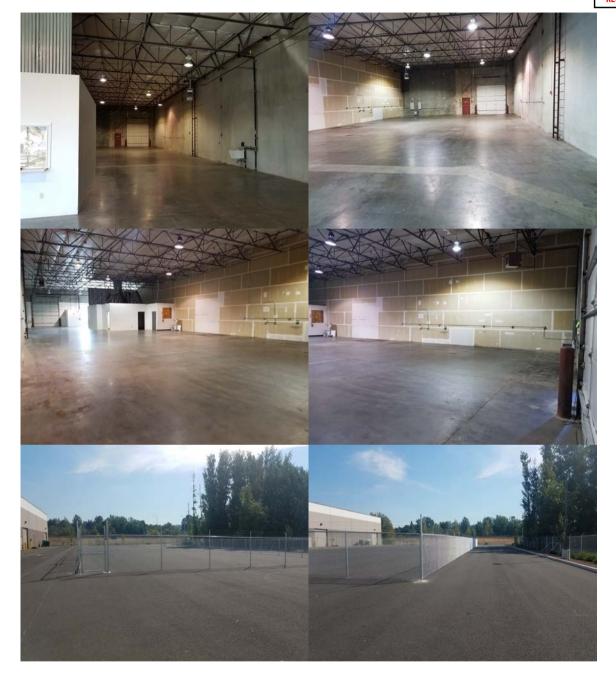






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Pictures of Location in Oregon





THESE DOCUMENTS SHALL BE ON THE JOB SITE FOR ALL REQUESTED INSPECTIONS





Currently there is no green screen around the fence at the Troutdale location. This is what would look like once complete.







Pictures of Other Ingenium Owned Exempt Transfer THESE DOCUMENTS SHALL BE ON THE JOB SITE FOR ALL REQUESTED INSPECTIONS **Facilities**



Waste Trailer used for outbound loads



Warehouse used to store empty containers



Vehicles used to pickup waste at client sites

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 02/22/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	925-283-5750	CONTACT Julie Rector			
ISU Massie & Beck Ins. Serv. License #0B29340		PHONE (A/C, No, Ext): 925-283-5750	FAX (A/C, No): 925-2	83-5751	
315 Lennon Lane		E-MAIL ADDRESS: julie@isumassie.com			
Walnut Creek, CA 94598 Dean Sigmundson		INSURER(S) AFFORDING COVE	ERAGE	NAIC#	
		INSURER A: Nautilus Insurance Co.		17370	
INSURED Ingenium Group, LLC		INSURER B : Berkshire Hathaway Home	20044		
DBA: Ingenium		INSURER C : Great Divide Insurance Co	mpany	25224	
955 W. Mission Avenue Escondido, CA 92025		INSURER D:			
230011d1d0, 0A 32023		INSURER E :			
		INSURER F:			

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR		TYPE OF INSURANCE	ADDL INSD	SUBR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP	LIMIT	s	
A	Х	COMMERCIAL GENERAL LIABILITY					,	EACH OCCURRENCE	\$	1,000,000
		CLAIMS-MADE X OCCUR			ECP2041755-10	11/01/2023	11/01/2024	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	50,000
A	Χ	Prof. Liability			ECP2041755-10	11/01/2023	11/01/2024	MED EXP (Any one person)	\$	5,000
A	Х	Poll. Liability			PROF LIAB RETRO: 11/1/06			PERSONAL & ADV INJURY	\$	1,000,000
	GEN	N'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	\$	2,000,000
		POLICY X PRO-						PRODUCTS - COMP/OP AGG	\$	2,000,000
		OTHER:							\$	
С	AUT	OMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$	1,000,000
	Χ	ANY AUTO			BAP2041749-10	11/01/2023	11/01/2024	BODILY INJURY (Per person)	\$	
		OWNED SCHEDULED AUTOS ONLY						BODILY INJURY (Per accident)	\$	
	Χ	HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	\$	
									\$	
Α		UMBRELLA LIAB X OCCUR						EACH OCCURRENCE	\$	10,000,000
	Χ	EXCESS LIAB CLAIMS-MADE			FFX2041756-10	11/01/2023	11/01/2024	AGGREGATE	\$	10,000,000
		DED RETENTION \$							\$	
В	WOF	RKERS COMPENSATION EMPLOYERS' LIABILITY						X PER OTH-		·
	ANY	PROPRIETOR/PARTNER/EXECUTIVE / / N			INWC512762	03/01/2024	03/01/2025	E.L. EACH ACCIDENT	\$	1,000,000
	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)		N/A					E.L. DISEASE - EA EMPLOYEE	\$	1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	\$	1,000,000
С	Aut	o Physical Dam.			BAP2041749-10	11/01/2023	11/01/2024	Comp&Coll		
								Ded.:		Various

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of insurance only.		

CERTIFICATE HOLDER		CANCELLATION
Ingenium Group, LLC.	INGEN-1	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
DBA: Ingenium 955 W. Mission Avenue Escondido, CA 92025		AUTHORIZED REPRESENTATIVE JULIAN STOPPES



Memorandum

Date: December 10, 2024

From: Dakota Meyer, Associate Planner

Gigi Bealkowski, Ingenium To:

Subject: 935 NW Corporate Drive - 1N3E26A01309

935 NW Corporate Drive, tax lot number 1N3E26A -01309, is zoned General Industrial (GI) by the City of Troutdale. This district is primarily intended for manufacturing industries, large-scale fabricators, freight and trucking firms, primary metals, and lumber, etc., that usually require highway access and/or rail service. These firms usually have a high degree of process visibility and need outdoor storage of materials and products. These industries are likely to create minor air and water pollution, as well as noise and odor, and the generation of truck, shipping, or rail traffic. Non-industrial uses of a commercial nature are permitted in compliance with the Troutdale Development Code. More information regarding the General Industrial zone can be found in the Troutdale Development Code (TDC) under Section 3.413.

Ingenium is a waste management service which specializes in the packaging, transportation, recycling and disposal of hazardous waste. Per Section 3.420 of the Troutdale Development Code, this use falls under the manufacturing or storing of toxic or hazardous materials when done in compliance with federal and state regulations use. The use is Conditionally permitted within the General Industrial (GI) zone.

In 2018, building permits were submitted for tenant improvements. During building permit review, the Planner on staff noted that planning has no comments or requirements for the business, and they meet planning regulations. Therefore, this use is legal non-conforming and is permitted to operate at their current location

Please contact me at dakota.meyer@troutdaleoregon.gov or (503) 674-7249 if you have any questions or concerns about this matter.

Best.

Dakota Meyer

Associate Planner



Permit/License/Certificate (PLC)

Fact Sheet

Department of Environmental Quality, State of Oregon

700 NE Multnomah Street, Suite 600 Portland, OR 97232-4100

12/11/2024

Permit/License/Certificate (PLC) Information

PLC ID: 5369 Issue Date: 8/1/2018

PLC No: ORQ000037653 Eff. Date: 8/1/2018

PLC Type: HW - VSQG Exp. Date:

Permittee Name: Ingenium Group LLC Term. Date:

Status: Issued Approved By:

PLC Version: Approved Date:

PLC Extended Date: Extended Expiration Date:

Facility Information

Facility Name: Ingenium Group LLC

Facility Address: 935 NW CORPORATE DR, TROUTDALE, Oregon 97060 Facility ID: 5368

Property Use Consent

Solid waste application supplemental form



SUBMIT THIS FORM TO: Metro Solid Waste Compliance and Cleanup 600 NE Grand Avenue Portland, OR 97232-2736 Tel: (503) 797-1835

Fax: (503)813-7544 SWCC@oregonmetro.gov Metro use only
DATE RECEIVED:
DATE DEEMED COMPLETE BY METRO:

Property Use Consent

1. Property Owner.				
Name:	PNWP LLC 1-84 EX, an Oregon limited liability company			
Mailing Address:	6600 SW 105th Ave., Suite 175			
City/State/Zip:	Beaverton, Oregon 97008			
Phone Number:	503-626-3500			

2. Site Description.				
Tax Lot(s): 01309	Section: 26A	Township: 1N	Range: 3E	
Address: 935 NW Corporate Dr, Troutdale, OR 97060				

3. Describe the applicant's proposed use of this property.

Ingenium Group operates as an exempt 10-day hazardous waste transfer facility, meaning waste is temporarily consolidated at our facility for no more than 10 days without treatment, storage, or disposal. We coordinate waste movement from the generator to the appropriate final destination facility.

4. Describe the property interest held by the prospective Licensee or Franchisee (Applicant).		
Lessee		

5. Describe the duration of the interest.

The lease is good through 09/30/2028. Interest may extend beyond lease date based on renewal.

Property Use Consent

Solid waste application supplemental form



APPLICANT CERTIFICATION:

An authorized agent of the applicant must sign this signature.	is form. Metro will not accept a form without a
	is true and correct to the best of my knowledge. I agree information submitted as a part of this application.
SIGNATURE OF AUTHORIZED AGENT: Gigi Be	alkowski
TITLE <u>Director of Compliance</u>	
PRINT NAME Gigi Bealkowski	e
DATE 04/25/2025	PHONE (408) 859-3232
PROPERTY OWNER(S): This form cannot be process	ssed without a signature.
agree to be bound by the provisions of Section 5.01 or license and that franchise or license is subsequen	operty as described on this form. I have also read and of the Metro Code if the applicant is granted a franchise otly revoked or if renewal of that franchise or license is vocation or refusal to renew the Franchise or License, all or License shall immediately be divested."
	is true and correct to the best of my knowledge. I agree information submitted as a part of this application.
PRINT NAME Brad Stem	
DATE 04/25/2025	PHONE 503-626-3500
SIGNATURE	
PRINT NAME	
DATE	PHONE