OLYMPIC REGION CLEAN AIR AGENCY

2940 Limited Lane NW - Olympia, Washington 98502 - 360-539-7610 -- Fax 360-491-6308

FORM 1- NOTICE OF CONSTRUCTION

TO CONSTRUCT - INSTALL - ESTABLISH OR MODIFY AN AIR CONTAMINANT SOURCE

Form 1 Instructions:

1. Please complete all the fields below. **This NOC application is considered incomplete until signed.**
2. If the application contains any confidential business information, please complete a Request of Confidentiality of Records (www.orcaa.org/forms).
3. Duty to Correction Application: An applicant has the duty to supplement or correct an application. Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application must, upon becoming aware of such failure or incorrect submittal, promptly submit supplementary factors or corrected information.

Business Name: Rainshadow Coffee Roasting Co.

Mailing Address: 157 W Cedar St

Physical Address of Project or New Source: 53 Gold Dust Ln

Billing Address: 157 W Cedar St Sequim, WA 98382

For ORCAA use only

File No: 546
County No: 9
Source No: 977
Application No: 24NOC.1669
Date Received: Received JUL 24 2024 ORCAA

Project or Equipment to be installed/established: Roaster Afterburner

Anticipated startup date: 9 / 1 / 24 Is facility currently registered with ORCAA? Yes [X] No [ ]

This project must meet the requirements of the State Environmental Policy Act (SEPA) before ORCAA can issue final approval. Indicate the SEPA compliance option:

- [ ] SEPA was satisfied by _____ (government agency) on ___/___/___ (date) - Include a copy of the SEPA determination
- [ ] SEPA threshold determination by _____ (government agency) is pending - Include a copy of the environmental checklist
- [X] ORCAA is the only government agency requiring a permit - Include ORCAA Environmental Checklist
- [ ] This project is exempt from SEPA per _____ (WAC citation).

Name of Owner of Business: Donald G. Batcheller

Title: owner

Email: nick@rainshadowcoffee.com Phone: 360 681 0650

Authorized Representative for Application (if different than owner):

Title:

Email: Phone:

I hereby certify that the information contained in this application is, to the best of my knowledge, complete and correct.

Signature of Owner or Authorized Representative: (sign in Blue ink)

Donald G Batcheller Date: 7-19-24

IMPORTANT: Do not send via email or other electronic means. ORCAA must receive Original, hardcopy, signed application and payment prior to processing application.

Agency Use Only

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FORM 1D- Contact Information

Business Name	FOR ORCAA USE
Rainshadow Coffee Roasting Co.	FILE # 546
Physical Site Address (Street address, city, state, ~~zip~~)	CTY # 9
	SRC # 977
53 Gold Dust Ln Sequim, WA 98382	Date Received Received JUL 24 2024 ORCAA
Previous Business Name (if applicable)	
Same	

Contact Information

Inspection Contact	
Name Don Batcheller	Title owner
Phone 360 681 0650	Email nick@rainshadowcoffee.com
Billing Contact	
Name Same	Title
Phone	Email
Emission Inventory Contact	
Name Same	Title
Phone	Email
Complaint Contact	
Name Same	Title
Phone	Email
Permit Contact	
Name Same	Title
Phone	Email

The **inspection contact** is the on-site person responsible for the everyday operation of the site and is available for inspections.
The **billing contact** is the person invoices are sent.
The **emission inventory contact** is the person requests for emissions information and material use information are sent.
The **complaint contact** is the person who receives and responds to complaints received on-site and who is contacted regarding complaints ORCAA receives.
The **permit contact** is the person responsible for filling out permit applications and receiving approval from ORCAA.

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FORM 29
COFFEE ROASTER

Please fill out a separate form for each roaster.

GENERAL INFORMATION

Company Name: RainShadow Coffee Co
Phone: 360 681 0650
Email: nick@rainshadowcoffee.com

Operating Schedule:
15 minutes/batch, 12 batches/day, 3 days/wk

ROASTER INFORMATION

Manufacturer: Self 12kilo
Model & Serial No:
Maximum capacity: 24 lbs/batch
☐ Water quench ☒ Air quench
Maximum heat input rating: 120 Btu/hr 60 ACFM 425 degrees F
Are the beans processed in a cyclone (chaff collector) before roasting? NO

AFTERBURNER/OXIDIZER (enter Manufacturer & Model)

☒ Thermal Self Midco burner
☐ Catalytic _____
Type of fuel: ☐ Nat. Gas ☒ Propane ☐ Other _____
Maximum heat input rating: 400 Btu/hr

Afterburner/Oxidizer Characteristics

Average residence time 3 seconds
Operating chamber temperature: 800 degrees F
Maximum chamber temperature: 1200 degrees F
Flow rate: 1500 ACFM

Stack Parameters

Height: 12 ft
Velocity: _____ ft/min
Diameter: 10 inches
Gas temperature: 800 degrees F

Minutes into roast when roast is up to temperature: 4
Minutes into roast when afterburner is up to temperature: 2
Minutes into roast when beans are dropped to the cooling tray: 15
How is the roaster cyclone vented? ☐ recirculated to roaster ☒ through afterburner
Where does the bean cooling take place? cooling tray @ roaster
How is the bean cooling process vented? : ☒ through afterburner ☐ through separate stack ☐ vented inside
☐ Other (explain) _____

Attach the following information:

☐ **Fees:** ORCAA shall not commence processing of a NOC until it has received a NOC processing fee. Work exceeding the base-fee hours of five hours will be billed based on actual cost to complete the review.
-See https://www.orcaa.org/services/fee-schedules/ for an up-to-date list of fees

☐ **O&M Plan:** Description of the procedures for operation and maintenance of the roaster and control equipment (i.e. cleaning schedule, temperature monitoring, calibration, etc.)

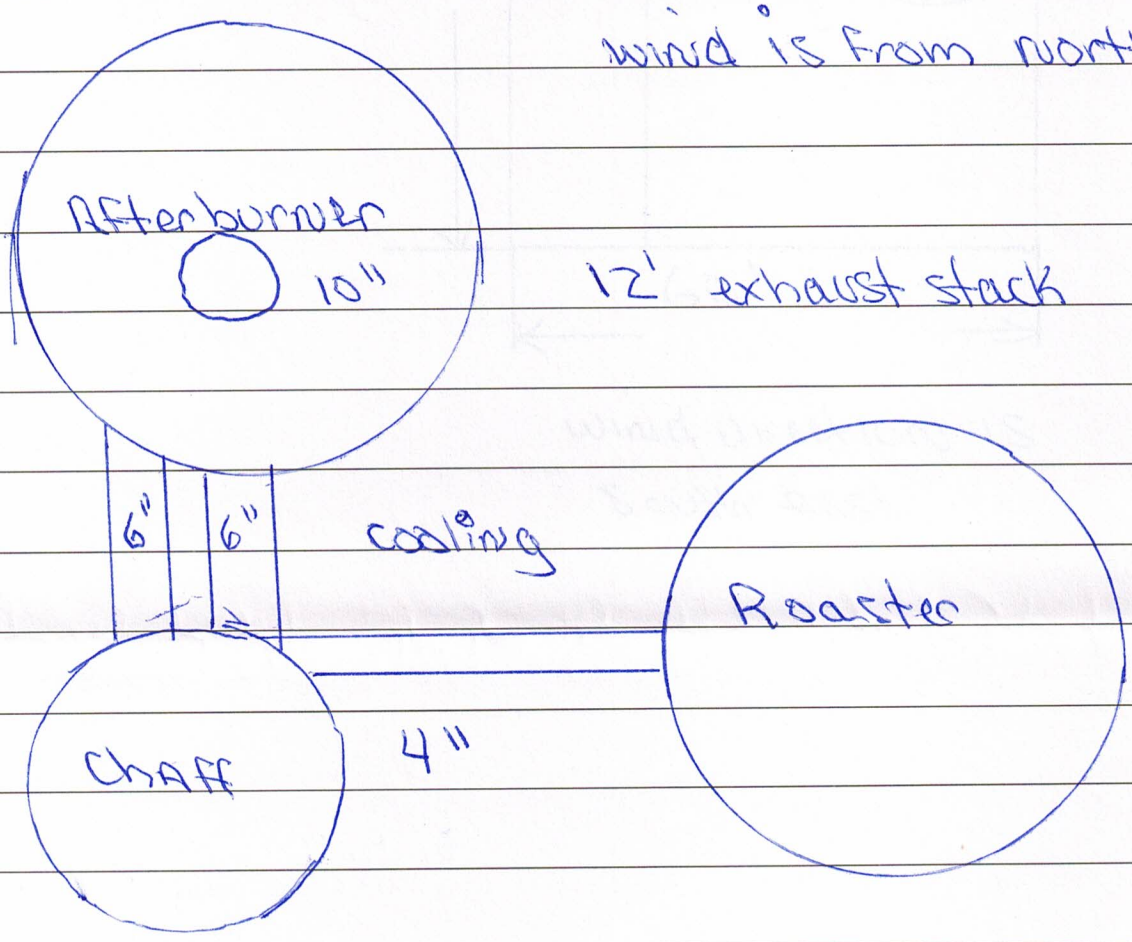
☐ **Flow diagram**: Provide a flow diagram showing all roaster components. Indicate all vents and other points where gaseous or particulate pollutants are emitted.

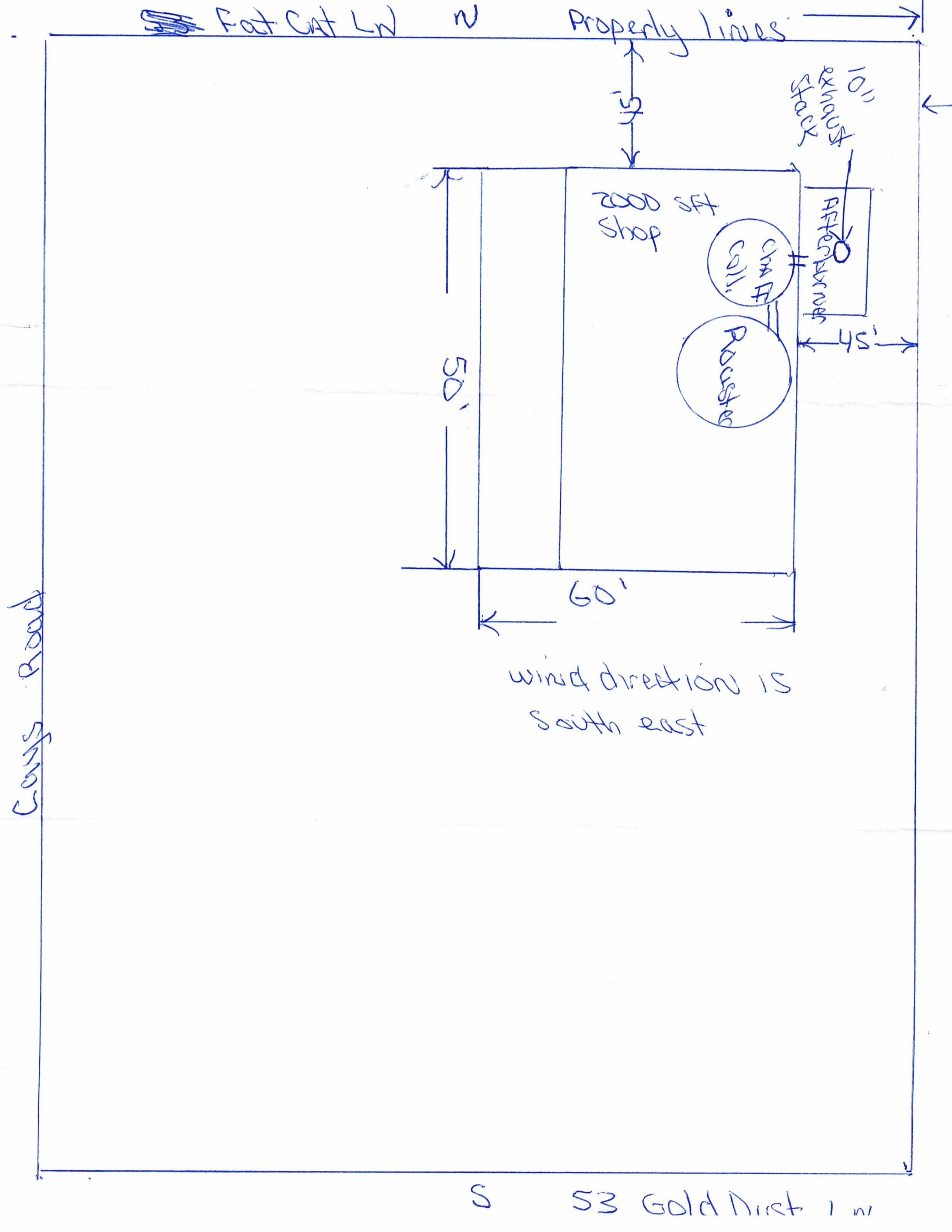
☐ **Site Map:** Provide a scaled site map that shows property boundaries, outlines of all existing or planned buildings, specific locations of the coffee roaster vents and other exhaust stacks. The site map should also indicate the predominant wind direction and the location of the nearest occupied building located off the facility property.

☐ **Elevation Drawing**: Provide at least one elevation drawing (to scale) showing the location and height of the exhaust stack.

Notes

Operation and maintenance are done daily after roasting, pipes are cleaned Chaff collector is wire brushed
We have redundant temp sensors on roaster & afterburner as well as temp gun.





Fat Cat Ln
N
Property lines
15'
10" exhaust stack
2000 sft Shop
After burner
Roaster
45'
50'
60'
wind direction is South east
Coys Road
S
53 Gold Dust Ln