YAKIMA REGIONAL CLEAN AIR AGENCY
186 Iron Horse Court, Suite 101. Yakima, WA. 98901
Phone: (509) 834-2050 Fax: (509) 834-2060
Website: http://www.yakimacleanair.org

RECEIVED
MAY 30 2025
By EGR-email

Filing Fee: $400.00*

***Pursuant to WAC 173-400-111(1) (e)-an application is not complete until the permit application filling fee required by YRCAA has been paid.**

OFFICAL USE ONLY

YRCAA NSR No: NSRP-08-CGI-25 Date Fee Paid: $400 6/11/25

Received by: EGR-email Filing Fee: **$400.00**

☐ YRCAA is the lead agency for the SEPA process. Processing Fee $400.00

Review of the application will not begin, until the application filling fee is paid. A surcharge fee for the time required for preparing and processing the application for approval will be invoiced after the permit to operate is issued.

New Source Review (NSR) Application General

Stationary/Permanent Source

INSTALLATION OR ESTABLISHMENT OF NEW AIR CONTAMINANT SOURCES

NSR Application is Required for Construction, Installation or Establishment of an Air Pollution Source
Or
Replacement or Substantial Alteration of Emission Control Technology on an Air Pollution Source or Equipment

I. General Information:

BUSINESS NAME Cargill, Inc.

NATURE OF BUSINESS Animal feed production

MAILING ADDRESS 700 Ruehl Way, Granger WA 98932

FACILITY ADDRESS (if different): same

PHONE and FAX NUMBERS (509) 949-2433 Email: rafael_guzman@cargill.com

TYPE OF PROCESS, EQUIPMENT, OR APPARATUS construction of a need feed mill

LIST OF AIR CONTAMINANT(S) WHICH WILL BE PRODUCED AND/OR CONTROLLED PM, PM-10 and PM-2.5

ESTIMATED STARTING DATE: April 2023

ESTIMATED COMPLETION DATE: May 2025

Compliance with SEPA (State Environmental Policy Act) - Check One of the Options Below:

XX A DNS or EIS has been Issued by Another Agency for this Project and a Copy is Attached. A DNS was issued by the City of Granger

☐ If no DNS or EIS Exists for this Project, a Completed Checklist for this Project and the SEPA Processing Fee are Attached. *YRCAA SEPA checklist is available by phone, or by our website.*

☐ The city/county has established an exemption for this project.

☐ I certify that the SEPA has been satisfied or this project is exempt:

4/10/2023 *by* City of Granger
Date *Government Agency*

Previous NSR/Air Permits Number issued by YRCAA for the Facility, if any
Unified Business Identified 409007895

Describe Input to Output Process (Attach drawings, schematics, prints, or block diagrams) Grains and additives processed to produce animal feed which is bagged, warehoused and shipped from the facility.

ESTIMATED COSTS: OF BASIC SOURCE EQUIPMENT $

OF CONTAMINANT CONTROL APPARATUS $ $15,000,000

Process: Production Output per Year (tons, pounds, etc) 100,000 ton/yr

Maximum Output per Hour (tons, pounds, etc) 24 ton/hr

Percentage of Production (%)

Dec - Feb 25 Mar – May 25

Jun - Aug 25 Sep – Nov 25

Operating Schedule: Hrs/Day 24 Days/Wk 7 Wks/Yr 52

II. Emissions Estimations and Calculations:

1. Criteria Pollutants (gr/dscf, tons/yr, lbs/hr., ppm, etc.)

Particulate (PM_{10},$PM_{2.5}$) PM10 6.257 tpy PM2.5 3.971 tpy

Volatile Organic Compounds 0.186 tpy (from boilers)

Nitrogen Oxides 0.002 tpy (from boilers)

Sulfur Oxides 0.020 tpy (from boilers)

Carbon Monoxide 0.001 tpy (from boilers)

Lead 0 tpy

2. Toxic Air Pollutants (Name) — Quantity (in gr/dscf, tons/yr, lbs/hr. ppm, etc.)

Hexane	0.06 tpy from boiler operation
Manganese	1 lb/yr

RECEIVED
FEB 26 2026
By DL - email

Compliance with SEPA (State Environmental Policy Act) - Check One of the Options Below:

XX A DNS or EIS has been Issued by Another Agency for this Project and a Copy is Attached. A DNS was issued by the City of Granger

☐ If no DNS or EIS Exists for this Project, a Completed Checklist for this Project and the SEPA Processing Fee are Attached. *YRCAA SEPA checklist is available by phone, or by our website.*

☐ The city/county has established an exemption for this project.

☐ I certify that the SEPA has been satisfied or this project is exempt:

4/10/2023 *Date* by City of Granger *Government Agency* Latasia Reyes 2/26/26

Previous NSR/Air Permits Number issued by YRCAA for the Facility, if any Unified Business Identified 409007895

Describe Input to Output Process (Attach drawings, schematics, prints, or block diagrams) Grains and additives processed to produce animal feed which is bagged, warehoused and shipped from the facility.

ESTIMATED COSTS: OF BASIC SOURCE EQUIPMENT $

OF CONTAMINANT CONTROL APPARATUS $ $15,000,000

Process: Production Output per Year (tons, pounds, etc) 100,000 ton/yr

Maximum Output per Hour (tons, pounds, etc) 24 ton/hr

Percentage of Production (%)

Dec - Feb 25 Mar – May 25

Jun - Aug 25 Sep – Nov 25

Operating Schedule: Hrs/Day 24 Days/Wk 7 Wks/Yr 52

II. Emissions Estimations and Calculations:

1. Criteria Pollutants (gr/dscf, tons/yr, lbs/hr., ppm, etc.)

Particulate (PM_{10},$PM_{2.5}$) PM10 6.257 tpy PM2.5 3.971 tpy

Volatile Organic Compounds 0.186 tpy (from boilers)

Nitrogen Oxides 0.002 tpy (from boilers)

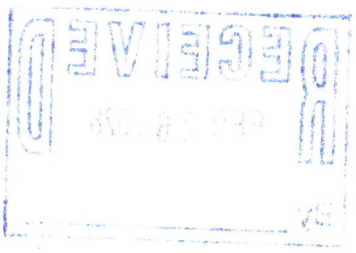
Sulfur Oxides 0.020 tpy (from boilers)

Carbon Monoxide 0.001 tpy (from boilers)

Lead 0 tpy

2. Toxic Air Pollutants (Name) — Quantity (in gr/dscf, tons/yr, lbs/hr. ppm, etc.)

Toxic Air Pollutants (Name)	Quantity (in gr/dscf, tons/yr, lbs/hr. ppm, etc.)
Hexane	0.06 tpy from boiler operation
Manganese	1 lb/yr



3. Fugitive Pollutants (Source) | Quantity (in gr/dscf, tons/yr, lbs/hr. ppm, etc.)

4. Air Pollution Modeling

Results Air emissions calculations using AP-42 factors

Computer Printout Attached? ☒Yes ☐No

III. Emission Data:

1. Stack

See NSR Spreadsheet "Stacks"

Height (Feet)_____ Inside Diameter (feet)_____

Gas Exit Temp (degrees F)_____ Gas Exit Velocity (ft/min)_____

Flow Rate (cfm)_____

Shared Stack? If a shared stack, identify process (es) or point(s) which share the stack.

Distance from Stack to Property Line _____

2. Discharge Point or points (if no stack or other than stack)

Height (feet)_____ Inside Diameter (feet)_____

Gas Exit Temp (degrees F)_____ Gas Exit Velocity (ft/min)_____

Flow Rate (cfm) _____

Shared discharge point? If a shared discharge point, identify process (es) or point(s) which share the discharge point. _____

_____

Distance from discharge point to Property Line _____

3. Fuel

Fuel addressed in Boiler Registration

Type_____ % Sulfur_____

% Ash_____ Unit of Measure (gal./cu.ft./etc.)_____

BTU per Unit of Measure_____ Consumption Units per Year_____

Maximum Consumption Units per Hour _____

4. Building Dimensions

Height (feet) 217 ft Length (feet) 100 ft Width (feet) 75 ft

IV. Air Pollution Control Equipment:

Baghouse

See NSR Spreadsheet "Air Poll Control"

Type_____ Model #, Serial #_____

Efficiency _____ $PM_{2.5}$:_____ and PM_{10}:_____

Bag Height (feet)_____ Bag Diameter (feet) _____

Filter Area (feet squared)_____ Blower Flow Rate (cfm)_____

Filter Media_____ Dimensions (feet)_____

Discharge Area Dimensions (feet)_____

Cleaning Mechanism (shake) (air psi)_____

Other Data _____

Scrubber

None

Type_____ Model #, Serial #_____

Efficiency_____

Gas Differential Pressure (psi)_____ Liquor Differential Pressure (psi)_____

Liquor Flow (gpm)_____ Discharge Area Dimensions ($feet^2$)_____

Gas Flow (cfm)_____ Other Data_____

Cyclone

See NSR Spreadsheet "Air Poll Control"

Type_____ Model #, Serial #_____

Efficiency _____ $PM_{2.5}$:_____ and PM_{10}:_____

Gas Flow (cfm)_____ Discharge Area Dimensions ($feet^2$) _____

Other Data _____

Precipitator

None

Type_____ Model #, Serial #_____

Efficiency_____

Gas Flow (cfm)_____ Gas Velocity (ft/sec)_____

Residence Time _____ Gas Differential Pressure (psi)_____

Precipitation Rate (ft/sec)_____ Discharge Area Dimensions ($feet^2$)_____

Other Data _____

Ad/Absorp

None

Type_____ Model #, Serial #_____

Efficiency_____

Gas Flow_____ Gas Velocity (ft/sec)_____

Gas Temp (degree F)_____ Bed Volume (ft^3)_____

Bed Dimensions (feet)_____ Capacity (hours)_____

Contaminant (lb/day)_____ Regeneration time (hours)_____

Other None

Type _____ Model #, Serial # _____

Efficiency _____

Gas Flow (cfm) _____ Discharge Area Dimensions (feet) _____

Other Data _____

V. Additional Information:

1. Attach Related Information on Chemicals or Materials that will be emitted. (MSDS Sheets, Company Information, etc.)

   Note: Indicate how much quantity are used per MSDSs

   ☒ Yes ☐ No, if not why? SDS included for bulk material received; numerous additives are utilized ~~which are added inside the mill with those containing chromium and/or~~ manganese are subject to 40 CFR 63.11621 (NESHAPS DDDDDDD). SDS are not produced for grain products/ingredients.

2. Fugitive Dust Control Plan (Attach if Necessary) Included

3. Attach Operation and Maintenance Manual of Pollution Control Equipment.

   ☒ Yes ☐ No, if not, why? Will be provided - obtaining from equipment manufacturer

4. Attach Vendor Information or Manufacturer's Instructions on Pollution Control Equipment.

   ☒ Yes ☐ No, if not, why? Will be provided - obtaining from equipment manufacturer

APPLICANT: I hereby certify that the information contained in this application, including supplemental forms and data, when required, is, to the best of my knowledge, complete and correct. I also agree to all fees for processing this permit and grant permission for YRCAA staff to enter the premises for inspection.

Signature Regan Morrison Date 3-31-2025

Title Director of Construction Management Date 3-31-2025

Name and Title of Individual Filling out Form:

Name (print) David Gibby, EHS Sr. Specialist

Signature signed electronically - R. David Gibby

Name and Title of Contact Person, if Different than Above:

Name Regan Morrison

Title Director, Construction Management

Name and Title of the Responsible Official for the permit, if Different than Above:

Name Jayson Bates

Title Regional Operations Manager

Yakima Regional Clean Air Agency
INSTRUCTIONS FOR PERMIT APPLICATION

Use this sheet as a checklist to determine when your application is substantially complete.

☛ Each PERMIT APPLICATION for the construction, installation or establishment of a new air contaminant source, or modification of existing air pollution source or control equipment or permit, needs to be accompanied by the following information to be considered complete:

Included	N/A	
☒	☐	Process flow sheets and equipment layout diagrams.
☒	☐	Control equipment manufacturer, model number, size, serial numbers (for each piece of control equipment).
☒	☐	Quantify average and maximum hourly throughput values, average yearly totals, and maximum concentrations for each pollutant.
☒	☐	Applicant's calculation of the kinds and amounts of emissions for each emission point, materials handling operation or fugitive category (both controlled and uncontrolled).
☒	☐	Plot plan including identification of proposed emission points to the atmosphere, distance to property boundaries, height of buildings and stack height above ground level.
☒	☐	Identification of raw materials and/or product specifications (physical and chemical properties) and typical ranges of operating conditions as related to each emission point (toxic air contaminants require a separate summary); Material Safety Data Sheets (MSDS) should be included in the PERMIT APPLICATION for all compounds used.
☒	☐	Identification of the methods/equipment proposed for prevention/control of emissions to the atmosphere.
☒	☐	Information sufficient to demonstrate the ability of the emission controls proposed as being consistent with those provided in the applicable regulations (BACT/NSPS/RACT/NESHAPS/LAER analysis). See attached worksheet for typical layout of BACT analysis information.
☐	☒	The kinds and amounts of emission offset credits proposed for assignment when operations are within a non-attainment boundary (see WAC 173-400-120 and 131).
☐	☒	Estimates of the proposed project ambient impact under average and least favorable conditions where pertinent to PSD (WAC 173-400-720) or Toxic Air Pollutants (WAC 173-460) requirements.
☐	☒	Additional information, evidence, or documentation as required by the Board of Directors, or the Control Officer, to show that the proposed project will meet federal, state and local air pollution control regulations.
☐	☒	For applications that include equipment that has previously been approved, authorized or registered, a lapse is considered to have occurred if the registration fees are delinquent for more than one calendar year or the source has not operated within five years prior to the receipt of any required PERMIT APPLICATION (WAC 173-400-110).
☐	☒	Applications that include previously approved or authorized equipment require that additional information regarding previous owners or approvals be provided so that YRCAA records can be updated. Equipment registered and/or approved for a given company cannot be authorized without a legal name change, purchase of company or equipment, or a legal contract or subcontract to do business with or for the approved source. Responsibility for operation of authorized equipment rests with the registered source.
☒	☐	All applications need to be accompanied with a completed SEPA checklist or SEPA determination. YRCAA may process the SEPA determination, if no other agency has done it. In this case a SEPA checklist with the proper fees must be submitted with the NSR application.

☛ The application transmittal shall conform to YRCAA review requirements wherever possible as detailed in the General Regulations for Air Pollution Sources (WAC 173-400).

☛ Each drawing, document, or other form of transmittal considered by the applicant to be proprietary and confidential must be suitably identified as confidential in red ink, and signed and dated by the applicant or its agent. Be aware that YRCAA follows the requirements in 40 CFR 2 for determination of confidentiality. YRCAA may not process company sensitive information as confidential.

☛ Orders of Approval (to construct, modify, or install) are issued for specific equipment or processes described in the application. Changes to the processes or control equipment are not allowed without new source review (Permit Application and Permit) if these changes result in an emission of a different type or an increase in emissions (WAC 173-400-110). Process equipment changes that result in decreased emissions require notification to YRCAA.

☛ The SIC code is identified as the four digit major group classification in the 1987 Standard Industrial Code Classification Manual listing of SIC codes can be obtained for free from the internet.

☛ Mail or deliver in person the completed application package to:

Yakima Regional Clean Air Agency
186 Iron Horse Court, Suite 101
Yakima, WA 98901-2303

☛ **Application fees must accompany application for the application to be considered complete. An invoice will be sent out for the Engineering review after final decision on the application. Make checks payable to "Yakima Regional Clean Air Agency" or "YRCAA".**

☛ **The PERMIT APPLICATION package submitted must be complete. All applications are screened for completeness before processing. Applicants submitting incomplete application packages will be notified of their incomplete status and may result in a delay in processing the application.**

Yakima Regional Clean Air Agency

PERMIT APPLICATION / NEW SOURCE REVIEW

BACT ANALYSIS WORKSHEET

Facility Name: Cargill Animal Nutrition - Granger Site **Date:** March 30, 2025

See NRS Spreadsheet; "BACT" and provide written BACT Analyses

CONTROL ALTERNATIVE	EMISSIONS [lbs/hr] & [tons/yr]	EMISSIONS REDUCTION (a) [tons/yr]	INSTALLED CAPITAL COST (b) [$]	TOTAL ANNUALIZED COST (c,g) [$]	AVERAGE COST EFFECTIVENESS OVER BASELINE (d) [$/ton]	INCREMENTAL COST EFFECTIVENESS (e) [$/ton]	ENERGY INCREASE OVER BASELINE (f) [mmBtu/yr]	TOXICS IMPACT [Yes/No]	ADVERSE ENVIRONMENTAL IMPACT [Yes/No]
1)									
2)									
3)									
4)									
5) Uncontrolled Baseline (worst case - no controls)									

(a) Emissions reduction over baseline control level.
(b) Installed capital cost relative to baseline.
(c) Total annualized cost (capital, direct, and indirect) of purchasing, installing, and operating the proposed control alternative. A capital recovery factor approach using a real interest rate (i.e., absent inflation) is used to express capital costs in present-day annual costs.
(d) Average cost effectiveness over baseline is equal to total annualized cost for the control option divided by the emissions reductions resulting from the uncontrolled baseline.
(e) The optional incremental cost effectiveness criterion is the same as the average cost effectiveness criteria except that the control alternative is considered relative to the next most stringent alternative rather than the baseline control alternative.
(f) Energy impacts are the difference in total project energy requirements with the control alternative uncontrolled baseline expressed in equivalent millions of Btus per year.
(g) Assumptions made on catalyst life may have a substantial affect upon cost effectiveness.

Notes:

The number of alternatives to be evaluated will vary depending on application.
Values for each variable should be provided as they are applicable. Use N/A if not applicable.
Emission rates are the expected or predicted emission rates.
Calculations should provide for a range of alternatives.
Emissions reduction should use estimated efficiency if actual efficiency is unknown - should so state.
Attach worksheets as necessary to substantiate above values.

WASHINGTON STATE ENVIRONMENTAL POLICY ACT
MITIGATED DETERMINATION OF NONSIGNIFICANCE
CITY OF GRANGER, WASHINGTON
April 10, 2023

PROJECT DESCRIPTION: The City of Granger has received a Building Permit Application and Environmental Checklist from Cargill Inc. for the construction of a feed mill and storage and shipping warehouse on an adjoining lot to an existing approved use.

PROPONENT: Cargill Inc.

LOCATION: SW ¼ of the NW ¼ of Section 16, Township 10 North & Range 21 East, Willamette Meridian. Parcel Number 211016-23001. This will be 5 parcels adjacent to an existing use.

LEAD AGENCY: City of Granger, Washington

PROJECT NAME: Cargill SEPA

DETERMINATION: The City of Granger has determined that, as conditioned, this proposal will not have a probable significant adverse impact on the environment. Pursuant to WAC 197-11-350 (3), the proposal has been conditioned to include necessary mitigation measures to avoid, minimize, or compensate for probably significant impacts. An environmental impact statement (EIS) is not required under RCW 43.21C.030. The necessary mitigation measures are found in the comments below. The information relied upon in reaching this determination is available to the public upon request from the City of Granger.

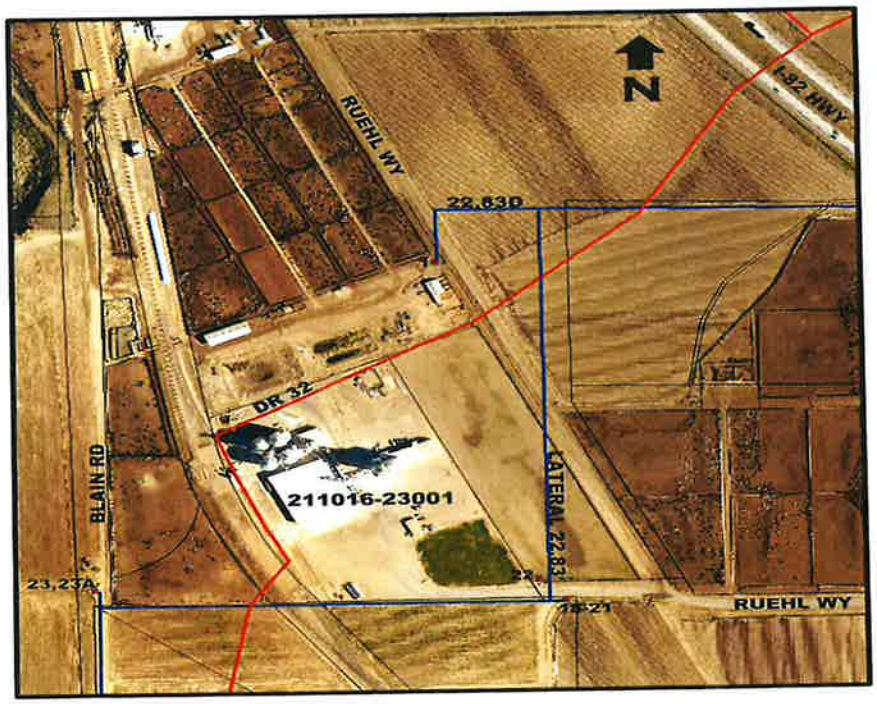
FINDINGS:

A. **Access:** Access to the site is from Ruehl Wy. to the east of the properties.
B. **Comprehensive Plan:** The Comprehensive Plan designation of the site as Non-Residential.
C. **Zoning:** The sites are currently zoned Industrial (M-1).
D. **Critical Areas:** The site contains no mapped critical areas.
E. **Water Quality:** NPDES Construction Stormwater General Prevention Plan may be required, a Stormwater Pollution Prevention Plan (Erosion Sediment Control Plan) will be required.
F. **Air Quality:** A New Source Review (NSR) application and a Dust Control Plan will be prepared and submitted.
G. **Comments:**
    1. The Washington State Department of Ecology (DOE) provided comments that there may be impacts from stormwater leaving the site. As a result, an NPDES Construction General Stormwater Permit may be required, including a Stormwater Pollution Prevention Plan. The developer shall obtain an NPDES Construction General Stormwater Permit if DOE determines one is necessary. It also recommends considering the use of low-toxic building products and finishes, and incorporating building materials that have been salvaged, or are made from recycled and/or sustainable materials.
    2. The Yakima Regional Clean Air Agency provided the following comments:
        a. A New Source Review (NSR) application must be submitted to the YRCCA and an order of approval permit must be issued prior to the start of any work, in particular, the petroleum vapor extraction from soil or the groundwater systems.
        b. Contractors doing demolition, excavation, clearing, construction, or landscaping work must file a Dust Control Plan with YRCAA and get approval, prior to the start of any work.
        c. Prior to demolishing and renovating any structures an asbestos survey must be done by a certified asbestos building inspector.

d. Any asbestos found must be removed by a licensed asbestos abatement contractor prior to demolition.
e. A Notification of Demolition and Renovation (NODR) application must be filed with the YRCAA the appropriate fee should be paid.

3. The Sunnyside Valley Irrigation District provided the following comments:
   a. SVID facilities within the vicinity of the proposed project are shown on the attached vicinity map and the easement information is as follows:
      - Piped Drain DR 32 is centered within the easement 36 feet in width. DR 32 is for excess irrigation and ground water only. Inlet of stormwater, system flush, or parking lot/road runoff will not be allowed.
      - Piped Lateral 22.83 is centered within easement 30 feet in width.
      - Flowmeter delivery 22.83 #22 is centered within easement which encompasses the flowmeter assembly, plus an additional 20 feet extending outward from the concrete slab on all sides.
   b. The following restrictions apply to SVID easement or right of way.
      - Buildings or other structures are not allowed within SVID easement or right-of-way.
      - Waste or stormwater management facilities are not allowed within SVID easement or right-of-way.
      - Trees are not allowed within SVID easement or right of way.
      - Re-grading or removal of soil is not allowed within SVID easement or right-of-way.
      - Additional uses of SVID easement or right-of-way will only be allowed with prior approval and an SVID Crossing/Encroachment Permit.

I INI M



Mitigation: The requirements outlined in Findings G.1., G.2., and G.3. shall be met by the applicant prior to the issuance of building permits.

This MDNS is issued under WAC § 197-11-350; the lead agency will not act on this proposal for 14 days from the date below.

SEPA Responsible official: Fantasia Reyes, City of Granger

Phone: (509) 854-1725
Address: Granger City Hall, 102 Main St. Granger, WA 98932

Date: April 10, 2023, Signature: _____

You may appeal this determination to the City of Granger City Council, at PO Box 1100, Granger, WA 98932, no later than 5:00 pm on April 24, 2023 (14 days) by completing an appeal application form and payment of the appeal fee. You should be prepared to make specific factual objections. Contact the City of Granger to read or ask about the procedures for SEPA appeals.

City of Granger, WA
Adjoining Property Owners - APN21101623001