



Notice of Construction Application

A notice of construction permit is required before installing a new source of air pollution or modifying an existing source of air pollution. This application applies to facilities in Ecology's jurisdiction. Submit this application for review of your project. For general information about completing the application, refer to Ecology Forms ECY 070-410a-g, "Instructions for Ecology's Notice of Construction Application."

Ecology offers up to two hours of free pre-application assistance. We encourage you to schedule a pre-application meeting with the contact person specified for the location of your proposal, below. If you use up your two hours of free pre-application assistance, we will continue to assist you after you submit Part 1 of the application and the application fee. You may schedule a meeting with us at any point in the process.

Upon completion of the application, please enclose a check for the initial fee and mail to:

**Department of Ecology
Cashiering Unit
P.O. Box 47611
Olympia, WA 98504-7611**

For Fiscal Office Use Only:
001-NSR-216-0299-000404

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05
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18:46
ECY

| Check the box for the location of your proposal. For assistance, call the contact listed below: | | |
|---|--|---|
| | Ecology Permitting Office | Contact |
| <input type="checkbox"/> | Chelan, Douglas, Kittitas, Klickitat, or Okanogan County Ecology Central Regional Office – Air Quality Program | Lynnette Haller (509) 457-7126 lynnette.haller@ecy.wa.gov |
| <input checked="" type="checkbox"/> | Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Stevens, Walla Walla or Whitman County Ecology Eastern Regional Office – Air Quality Program | Karin Baldwin (509) 329-3452 karin.baldwin@ecy.wa.gov |
| <input type="checkbox"/> | San Juan County Ecology Northwest Regional Office – Air Quality Program | David Adler (425) 649-7267 david.adler@ecy.wa.gov |
| <input type="checkbox"/> | For actions taken at Kraft and Sulfite Paper Mills and Aluminum Smelters Ecology Industrial Section – Waste 2 Resources Program Permit manager: _____ | James DeMay (360) 407-6868 james.demay@ecy.wa.gov |
| <input type="checkbox"/> | For actions taken on the US Department of Energy Hanford Reservation Ecology Nuclear Waste Program | Lilyann Murphy (509) 372-7951 lilyann.murphy@ecy.wa.gov |

Check the box below for the fee that applies to your application.



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New project or equipment:

| | |
|--------------------------|--|
| <input type="checkbox"/> | \$1,500: Basic project initial fee covers up to 16 hours of review. |
| <input type="checkbox"/> | \$10,000: Complex project initial fee covers up to 106 hours of review. |

Change to an existing permit or equipment:

| | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | \$200: Administrative or simple change initial fee covers up to 3 hours of review Ecology may determine your change is complex during completeness review of your application. If your project is complex, you must pay the additional \$675 before we will continue working on your application. |
| <input type="checkbox"/> | \$875: Complex change initial fee covers up to 10 hours of review |
| <input type="checkbox"/> | \$350 flat fee: Replace or alter control technology equipment under WAC 173-400-114 Ecology will contact you if we determine your change belongs in another fee category. You must pay the fee associated with that category before we will continue working on your application. |

Read each statement, then check the box next to it to acknowledge that you agree.

| | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | The initial fee you submitted may not cover the cost of processing your application. Ecology will track the number of hours spent on your project. If the number of hours Ecology spends exceeds the hours included in your initial fee, Ecology will bill you \$95 per hour for the extra time. |
| <input checked="" type="checkbox"/> | You must include all information requested by this application. Ecology may not process your application if it does not include all the information requested. |
| <input checked="" type="checkbox"/> | Submittal of this application allows Ecology staff to visit and inspect your facility. |



Notice of Construction Application

Part 1: General Information

I. Project, Facility, and Company Information

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|--|
| 1. Project Name PerforMix Moses Lake Boiler Replacement |
| 2. Facility Name PerforMix Nutrition System LLC |
| 3. Facility Street Address 3146 Road "N" NorthEast |
| 4. Facility Legal Description |
| 5. Company Legal Name (if different from Facility Name) |
| 6. Company Mailing Address (street, city, state, zip) 2201 North 20 th Street, Nampa, Idaho, 83687 |

II. Contact Information and Certification

| | |
|---|---|
| 1. Facility Contact Name (who will be onsite) James Rohrer | |
| 2. Facility Contact Mailing Address (if different than Company Mailing Address) 3146 Road "N" NorthEast | |
| 3. Facility Contact Phone Number 509-765-1301 | 4. Facility Contact E-mail James.Rohrer@PerforMixNutrition.com |
| 5. Billing Contact Name (who should receive billing information) Kirk Bowman | |
| 6. Billing Contact Mailing Address (if different than Company Mailing Address) Same as company mailing address | |
| 7. Billing Contact Phone Number 208-465-1724 | 8. Billing Contact E-mail Kirk.Bowman@PerforMixNutrition.com |
| 9. Consultant Name (optional – if 3 rd party hired to complete application elements) NA | |
| 10. Consultant Organization/Company NA | |
| 11. Consultant Mailing Address (street, city, state, zip) NA | |
| 12. Consultant Phone Number NA | 13. Consultant E-mail NA |
| 14. Responsible Official Name and Title (who is responsible for project policy or decision-making) Kirk Bowman, Director of Operations | |
| 16. Responsible Official Phone 208-465-1724 | 17. Responsible Official E-mail Kirk.Bowman@PerforMixNutrition.com |
| 18. Responsible Official Certification and Signature I certify that the information on this application is accurate and complete. | |
| Signature <u> Kirk Bowman </u> Date <u> 8-20-20 </u> | |

TEST RECORD MODULATING BOILER



www.Sellersmfg.com
 918 West Walnut St.
 Danville, KY 40422

SO No. 105750 Model No. 80HP-77C

Tested By JARROD

Project Name PERFORMIX NUTRITION

Date 7/23/2020

Project Location NAMPA, IDAHO

MS 15491 NB 13008

Service Password SC105750

Combustion Test Record

| | | | |
|----------------------------------|----------------|------------|----------|
| Fuel Used | <u>NATURAL</u> | | |
| Fuel Supply Pressure | <u>5 PSI</u> | | |
| Pilot Gas Pressure (High) | <u>7</u> | <u>"WC</u> | |
| Primary Voltage | <u>406</u> | <u>V</u> | |
| Blower Motor NP FLA/OL Set point | <u>8.6</u> | <u>A</u> | |
| Blower Motor Amps | L1 | <u>5.7</u> | <u>A</u> |
| | L2 | <u>6</u> | <u>A</u> |
| | L3 | <u>6.4</u> | <u>A</u> |
| Control Circuit Amps | L | <u>1.7</u> | <u>A</u> |

Combustion Data

| Input (MBTU/M) | MAX | IGNITION | MIN |
|------------------|-------|----------|-------|
| Gas Clock ft3 | 3,337 | 1,850 | 1,107 |
| O2% | 5.7 | 6.2 | 5.2 |
| CO2% | 8.5 | 8.2 | 8.8 |
| CO ppm | 13 | 3 | 0 |
| NO x ppm | 28 | 24 | 21 |
| Stack Temp | 281 | 224 | 177 |
| 2nd Air Position | 3T | 3T | 3T |
| Main Flame Sig | 100 | 100 | 100 |

Housing SH1350400FEA1

Blower Impeller SF1387200C3RA

Nipple Dia. 1/4" NPT

Pilot Flame Signal 100 %

Nipple Length and Qty. (5) 1-1/4" & 3/4"

Burner Port Diameter 5/8"

Pri LWC Set point 13" Check X

Pilot Header Position L C R

2nd LWC Set point 12" Check X

Burner Nozzle Size 3/4"

HWC Set point NA Check NA

Pilot Header Size 1"

Runner Pilot Size 3/4"

Main Reg. Spring YELLOW

Pilot Reg. Spring PURPLE

| | MAX | MIN |
|---------------------|------|-----|
| Blower Pressure | 14.8 | 1.8 |
| Gas Pressure | 17.6 | 1.8 |
| Manifold Pressure | 13.6 | 1.6 |
| Comb. Chamber Press | 5 | 0.4 |

Note: All measurements are in "INCHES OF WATER COLUMN"

PerforMix Nutrition Systems LLC
3146 Road "N" North East
Moses Lake, WA 98837

APPROVAL ORDER
No. 15AQ-E611

We are replacing item 4 on the equipment list due to age and condition. Listed below is the description of the new equipment and attached is a copy of the manufacturers sheet for the new boiler. Also attached are the appropriate pages of the NOC application along with the check for the review fee. Let us know if any questions arise.

Kirk Bowman
Director of Operations
PerforMix Nutrition Systems LLC
208-465-1724 office
208-890-4174 cell

Equipment List:

1. Filter Technology 32" diameter cyclone pre-treatment for dry product receiving.
2. Fabric Filter Air Systems 19-6 BR dry product receiving baghouse upgraded from 134 ft² cloth area with 700 cfm to 185 ft² cloth area with 1130 cfm.
3. AVS Air Model 36 AVS 16 Mixer exhaust baghouse w/ 69 ft² cloth area w/ 500 cfm.
4. ~~Parker Industrial Horizontal Drum 1.26 MMBtu natural gas fired steam boiler.~~ Sellers Immersion Modulating Steam Boiler 3.33 MBTU natural gas fired.
5. Product mixer
6. Two dry product conveyors.
7. Twelve dry bulk product silos.
8. Fifteen bulk raw liquid ingredient tanks.
9. Six liquid finished product tanks.
10. One raw liquid receiving tank.
11. Eight returned liquid product tanks.
12. Dry bulk granular ingredient receiving.
13. Dry bulk fine ingredient pneumatic transport system.