



IOWA DEPARTMENT OF NATURAL RESOURCES

LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

Construction Permit Templates Update

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AQB Construction Permitting Section

November 21, 2019

Construction Permit Templates

- Aggregate Processing Plant
- Concrete Batch Plant
- Hot Mix Asphalt Plant
- Bulk Gasoline Plant (Large and Small)
- Group 2 Grain Elevator

Facility Name: _____ Permit Number (Dept use only): _____ page 1 of 11

Initial: _____

DNR Iowa Department of Natural Resources
Air Quality Construction Permit
For an Aggregate Processing Plant

Permit Holder

Firm: _____

Contact: _____ Responsible Party: _____

(name) _____
(title) _____
(telephone) _____
(street) _____
(city, state, zip) _____

Permitted Equipment

Facility Name: _____

Equipment Location: _____ (street) _____ (city, state, zip) _____

Is the Equipment Portable? Yes No

| Permit No. | Project No. | Description | Date | Testing |
|------------|-------------|-------------|------|---------|
| | | | | |
| | | | | |
| | | | | |

Plant Number: _____

Under the direction of the Director of the Department of Natural Resources

For Department Use Only

12/26/17.mtc DNR form 542-085

Information, false statements or half truths the permit to be void. In addition, section 455B.145A.
IC) 22.3. The proposed equipment has been 20" - 30" and 40 Code of Federal
ity.
t or control equipment other than the permit ensures no lobby, directly or arising from, or arising out of the design.
control equipment, and emission point as per, owner, and operator of the facility shall the design in the application (i.e. type, or after the emission units), control
an emission point, including any person who is issued, is responsible for assuring that the it is in compliance with the provisions of this
an and operate the equipment and control ing emissions, as required by paragraph 567
not to another or from one piece of (ment for which a permit has been issued is ed in writing at least seven (7) days prior to he which is classified as nonattainment for he for the NSR/22 in which case notification permit Condition 3.A.2). The owner in if the relocation will cause a violation of the initiation of construction of additional control
d from the Department.

A. General Requirements
It is the owner's responsibility to ensure that construction conforms to the final plans and specifications as submitted, and that adequate operation and maintenance is provided to ensure that no condition of air pollution is created.
In permit amendments, all provisions of the original permit remain in full force and effect unless they are specifically changed by the permit amendment. If a proposed project is not timely completed, the owner or operator shall seek a permit amendment in order to report back to the most recent previous version of the permit. The previous, unchanged permit provisions are included in the amendment for your convenience only and are unenforceable.
This permit or amendment shall become void if any one of the following conditions occurs:
12/26/17.mtc DNR form 542-085

EASY Air

EASY Air is the DNR's new electronic air permit application system

The screenshot displays the EASY Air web application interface. At the top left is the 'IOWA EASYAir' logo with a 'DEMO' badge. The top right shows the 'DNR IOWA DEPARTMENT OF NATURAL RESOURCES' logo and user information: 'Hello, Darjin', 'Help', and 'Logout'. A navigation bar contains 'My Dashboard', 'Submittal', and 'My Account'. Below this is a breadcrumb trail: 'Submittal > Wizard Panel > Aggregate Processing Plant'. The main content area is titled 'AGGREGATE PROCESSING PLANT (SUBMITTAL ID: 48541)' and includes a blue instruction box: 'Please fill out the form below. Don't forget to click the save button or green check mark ✓ for tables to save your input!'. Below the instruction box are buttons for 'Exit', 'Save', 'Previous', and 'Next'. A section titled 'Facilities Covered by Template Permit' contains the following text: 'This permit is only applicable to a "aggregate processing plant" not otherwise excluded. Aggregate processing plant means a combination of fixed or portable equipment for the processing of aggregate including each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, and truck or railcar loading station, power sources such as generators, power units and engines, and petroleum storage tanks. Crushers and grinding mills at a hot mix asphalt facility that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and at subsequent affected facilities up to, but not including, the first storage silo or bin are also included. "Aggregate" means crushed or broken stone, sand or gravel, recycled concrete, or any mixture the majority of which consists of crushed or broken stone, sand or gravel, recycled concrete, or other nonmetallic mineral as defined in 40 CFR 60.671. The following plants shall not be covered under this permit:'. A bulleted list follows: '• Any aggregate processing facility already subject to an existing air quality construction permit or operating permit is not eligible for coverage under this permit unless those permits are revoked concurrently with the start of coverage under this permit for the facility. • Any plant subject to 567—rule 22.4(455B) (special requirements for major stationary sources located in areas designated attainment or unclassified (PSD)), or rule 22.5(455B) (special requirements for nonattainment areas) is not eligible for coverage under this permit. • Any aggregate processing plant located in Polk or Linn County or portable plant relocating to Polk or Linn County is not eligible for coverage under this permit.'

Wizard Panel

- 1 **Data Entry**
To fill in all Data Entry Forms
- Aggregate Processing Plant
 - Facilities Covered by Template Permit
 - Contact Information
 - Emission Limits and Compliance Demonstrations
 - Federal Rule Applicability
 - Operating Limits
 - Equipment List
 - Form GHG
- 2 **Attachment**
To upload or mail in all required documentations
- 3 **Validation**
To validate all required data and documentations
- 4 **Payment**
To make a payment
- 5 **Submission**
To submit

Permit Templates Process – Current

1

Applicant reviews template form and determines if their plant can meet the requirements

2

Applicant completes template form, initials each page, signs form, and mails to AQB

3

AQB engineer reviews submitted template form

4

If approved, the paper template form is signed by the Department and returned to the applicant as a construction permit

Permit Templates Process – EASY Air

1

Applicant reviews template form and determines if their plant can meet the requirements

2

Applicant completes template application in EASY Air or completes paper template form, initials each page, signs form, and mails to AQB

3

AQB engineer reviews application in EASY Air

4

If approved, the Department issues a construction permit for the plant with its specific operating restrictions and limitations

Demonstration

EASY Air - Public

https://demo8.enfoTech.com/IA/Public/GovEnt/Permit/Pages/Application/FormWizard/DynamicFormWizard.aspx?query=U/FEdSp9k0/Twn7vvCKCBOMLBRw/W5ztrEDQ4qogcZTbwYgmrIsx84L...

EASYAir IOWA DEPARTMENT OF NATURAL RESOURCES

My Dashboard | **Submittal** | My Account

Hello, Darjin | Help | Logout

Wizard Panel

Submittal > Wizard Panel > Aggregate Processing Plant

AGGREGATE PROCESSING PLANT (SUBMITTAL ID: 48547)

Please fill out the form below.

Don't forget to click the save button or green check mark ✓ for tables to save your input!

Exit **Save** **Previous** **Next**

Form GHG: Greenhouse Gas Emissions Inventory

Check this box if Greenhouse Gases are not emitted from any of the emission units in this project.

| Stack/Vent Emissions Summary | | | | | | | | | | |
|------------------------------|-------|--------------------|--|-----------|-----------|-----------|-------------|--------------|--------------|---|
| EP ID | EU ID | Emission Unit Name | On-Site Installation/Modification Date | CO2 (TPY) | CH4 (TPY) | N2O (TPY) | SF6 (lb/yr) | HFCs (lb/yr) | PFCs (lb/yr) | |
| Total Stack/Vent Emissions: | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Add New Record

| Fugitive Emissions Summary | | | | | | | | | | |
|----------------------------|-------|--------------------|--|-----------|-----------|-----------|-------------|--------------|--------------|---|
| EP ID | EU ID | Emission Unit Name | On-Site Installation/Modification Date | CO2 (TPY) | CH4 (TPY) | N2O (TPY) | SF6 (lb/yr) | HFCs (lb/yr) | PFCs (lb/yr) | |
| Total Fugitive Emissions: | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Add New Record

Total Project Emissions:

CO2 (TPY): 0 CH4 (TPY): 0 N2O (TPY): 0 SF6 (lb/yr): 0 HFCs (lb/yr): 0 PFCs (lb/yr): 0

Exit **Save** **Previous** **Next**

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