



Mining Operations APEN – Form APCD-222

Air Pollutant Emission Notice (APEN) and Application for Construction Permit

All sections of this APEN and application must be completed for both new and existing facilities, including APEN updates. Incomplete APENs will be rejected and will require re-submittal. *Your APEN will be rejected if it is filled out incorrectly, is missing information, or lacks payment for the filing fee. The re-submittal will require payment for a new filing fee.*

This APEN is to be used for mining operations (i.e. quarries, pits, or mines). This APEN may also be used to report haul road activities at non-mining facilities. Additional APENs may be required for process equipment located at the mine. A specialty APEN may be available for the process equipment (e.g. asphalt plant, crusher/screen, concrete batch plant, engines, etc.). In addition, the General APEN (Form APCD-200) is available if the specialty APEN options will not satisfy your reporting needs. A list of all available APEN forms can be found on the Air Pollution Control Division (APCD) website.

This emission notice is valid for five (5) years. Submission of a revised APEN is required 30 days prior to expiration of the five-year term, or when a reportable change is made (significant emissions increase, increase production, new equipment, change in fuel type, etc.). See Regulation No. 3, Part A, II.C. for revised APEN requirements.

Permit Number: _____ **AIRS ID Number:** _____ / _____ / _____
[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 1 - Administrative Information

Company Name¹: _____
Mine/Pit Name: _____
Mine/Pit Location: _____ Mine/Pit Location
County: _____
Mailing Address: _____ NAICS or SIC Code: _____
(Include Zip Code) _____
Contact Person: _____
Phone Number: _____
E-Mail Address²: _____

¹ Use the full, legal company name registered with the Colorado Secretary of State. This is the company name that will appear on all documents issued by the APCD. Any changes will require additional paperwork.

² Permits, exemption letters, and any processing invoices will be issued by the APCD via e-mail to the address provided.

Permit Number: _____ AIRS ID Number: _____ / _____ / _____
[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 2 - Requested Action

- NEW permit OR newly-reported emission source
- OR -
- MODIFICATION to existing permit *(check each box below that applies)*
- Change fuel or equipment Change company name³ Add point to existing permit
- Change permit limit Transfer of ownership⁴ Other *(describe below)*
- OR -
- APEN submittal for update only (Note blank APENs will not be accepted)
- ADDITIONAL PERMIT ACTIONS -
- APEN submittal for permit exempt/grandfathered source

Additional Info & Notes: _____

³ For company name change, a completed Company Name Change Certification Form (Form APCD-106) must be submitted.
⁴ For transfer of ownership, a completed Transfer of Ownership Certification Form (Form APCD-104) must be submitted.

Section 3 - General Information

General description of the activity *(additionally, provide a topographic site map):*

For *existing* sources, operation began on: _____

For *new or reconstructed* sources, the projected start-up date is: _____

Normal Hours of Source Operation: _____ hours/day _____ days/week _____ weeks/year

Seasonal use percentage: Dec-Feb: _____ Mar-May: _____ Jun-Aug: _____ Sep-Nov: _____

Commodity Produced: *(check each box below that applies - as indicated on the applicable Division of Minerals and Geology Permit)*

- Aggregate / Sand and Gravel
- Stone
- Coal
- Minerals or Metals *(type):* _____
- Other *(describe):* _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 4 - Processing/Manufacturing Information & Material Use

Check this box if APEN is for Haul Roads only (not located at a mining site) and complete the applicable sections, **Section 4H - Raw Material Transport** and/or **Section 4I - Finished Product Transport** on pages 6 and 7. Otherwise complete all of **Section 4**.

From what year is the actual annual amount? _____

Actual Annual Production (tons)	_____
Requested Annual Production ⁵ (tons)	_____

⁵ Requested values will become permit limitations or will be evaluated for exempt status, as applicable, and should consider future process growth. Requested values are required on all APENs, including APEN updates.

Section 4A - Topsoil

Removal

Topsoil removed daily (tons) _____

Topsoil removed annual (tons) _____

Proposed controls for topsoil removal

Moist Material

Water Spray

Other (specify): _____

Stockpile(s)

Maximum stored on site (tons) _____

Proposed controls for topsoil stockpile

Watering

Chemical Stabilizer

Compacting of Piles

Enclosures (choose one option from below)

Complete Partial

Revegetation (must occur within one year of site disturbance)

Other (specify): _____

Section 4B - Overburden

Removal

Equipment used for removal _____

Tons removed by dragline (daily) _____

Tons removed by dragline (annual) _____

Dragline drop height (feet) _____

Hours scraper operated (daily) _____

Hours scraper operated (annual) _____

Proposed controls for overburden removal

Moist material

Water Spray

Other (specify): _____

Stockpile(s)

Maximum stored on site (tons) _____

Proposed controls for overburden stockpile

Watering

Chemical stabilizer

Compacting of piles

Enclosures (choose one option from below)

Complete Partial

Revegetation (must occur within one year of site disturbance)

Other (specify): _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 4C - Drilling and Blasting

Drilling

Number of holes drilled (daily) _____

Number of holes drilled (annual) _____

Proposed controls for drilling

- Water injection
- Bag collectors
- Other (specify): _____

Blasting

Blast area (acres) _____

Number of blasts (daily) _____

Number of blasts (annual) _____

Type of blasting material _____

Blasting material used (daily) _____

Blasting material used (annual) _____

Section 4D - Raw Material

Removal

Material removed daily (tons) _____

Material removed annual (tons) _____

Maximum drop height (feet) _____

Specific moisture content (%) _____

Proposed controls for raw material removal

- Moist material
- Water spray
- Other (specify): _____

Stockpile(s)

Maximum stored on site (tons) _____

Proposed control for raw material stockpile

- Watering
- Chemical stabilizer
- Compacting of piles
- Enclosures (choose one option from below)
 - Complete Partial
- Other (specify): _____

Section 4E - Conveyors and Transfer Points (not assigned to process equipment)

Include a map detailing the conveyor system layout within the site.

Conveying

Material conveyed daily (tons) _____

Material conveyed annual (tons) _____

Proposed controls for conveyors

- Enclosures (choose one option from below)
 - Complete Partial
- Other (specify): _____

Transfer Points

Number of transfer points _____

Proposed controls for transfer points

- Watering
- Chemical stabilizer
- Enclosures (choose one option from below)
 - Complete Partial
- Other (specify): _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 4F - Processing Equipment

Will processing (e.g. crushing, screening, etc.) occur on site? (yes/no) _____

If you answered "No" above (i.e. no processing/manufacturing equipment will be located on site) check the box below and skip to page 6, **Section 4G - Finished Product**.

Check this box if no process equipment is located on site.

List any additional emission sources and related controls (e.g. concrete batch plants, crushers/screens, engines, conveyors and transfer points associated with process equipment, asphalt plants, etc.). Additional APENs for any such equipment may be required. The following specialty APENs are available: Form APCD-224 Concrete Batch Plant APEN, Form APCD-221 Crusher/Screen APEN, Form APCD-233 Compression Ignition Engine APEN. If a specialty APEN is not appropriate for the additional equipment, use Form APCD-200 General APEN.

Additionally, complete the section below regarding crushing and screening performed on site.

Emission Source (or equipment type)	Control Equipment Description	Permit Number (if available)

Primary Crushing

Maximum crushed per year (tons) _____

Design process rate (tons/hour) _____

Duration of daily crushing (hours) _____

Secondary Crushing

Maximum crushed per year (tons) _____

Design process rate (tons/hour) _____

Proposed control for crushing

- Moist material
- Water spray
- Enclosures (choose one option from below)
 - Complete Partial
- Other (specify): _____

Screening/Classifying

Maximum screened per year (tons) _____

Design process rate (tons/hour) _____

Duration of daily screening (hours) _____

Secondary Screening/Classifying

Maximum screened per year (tons) _____

Design process rate (tons/hour) _____

Proposed control for screening

- Moist material
- Water spray
- Enclosures (choose one option from below)
 - Complete Partial
- Other (specify): _____

Note: Completion of this section does not relieve the applicant from the requirement to submit APEN forms for process equipment subject to APEN or permitting requirements.

Section 4G - Finished Product

Stockpile(s)

Maximum stored on site (tons) _____

Proposed control for finished product stockpile

- Watering
- Chemical stabilizer
- Compacting of piles
- Enclosures (choose one option from below)
 - Complete Partial
- Revegetation (must occur within one year of site disturbance)
- Other (specify): _____

Section 4H - Raw Material Transport (raw material removal to stockpiles)

Annual on-site transfer: _____ tons

	<u>Haul Vehicle 1</u>	<u>Haul Vehicle 2</u>	<u>Haul Vehicle 3</u>	
Haul vehicle capacity:	_____	_____	_____	tons
Haul vehicle empty weight:	_____	_____	_____	tons
Max number of trips per day:	_____	_____	_____	
Haul road length (avg. one way):	_____	_____	_____	feet
Posted speed limit on haul road:	_____ mph			

List all air pollution controls used for the haul roads:

- Paved Surface
 - Street sweeping: No Yes
- Unpaved Surface
 - Watering: None As needed Frequent⁶: _____ times/day
 - Surface is graveled: No Yes
 - Chemical stabilizer applied: No Yes Type: _____
 (e.g. mag chloride, resin, etc.)

⁶ If "Frequent" is selected, your permit may include a requirement to water haul roads daily as often as listed in this APEN.

Section 4I - Finished Product Transport

Annual off-site transfer: _____ tons

	<u>Haul Vehicle 1</u>	<u>Haul Vehicle 2</u>	<u>Haul Vehicle 3</u>	
Haul vehicle capacity:	_____	_____	_____	tons
Haul vehicle empty weight:	_____	_____	_____	tons
Max number of trips per day:	_____	_____	_____	
Haul road length (avg. one way):	_____	_____	_____	feet
Posted speed limit on haul road:	_____			mph

List all air pollution controls used for the haul roads:

- Paved Surface
- Street sweeping: No Yes
- Unpaved Surface
- Watering: None As needed Frequent⁶: _____ times/day
- Surface is graveled: No Yes
- Chemical stabilizer applied: No Yes Type: _____
 (e.g. mag chloride, resin, etc.)

⁶ If “Frequent” is selected, your permit may include a requirement to water haul roads daily as often as listed in this APEN.

Section 5 - Geographical/Site Information

Geographical Coordinates (Latitude/Longitude or UTM)

Attach a topographic site map indicating location.

Total site area (acres): _____

Total disturbed site area (acres): _____

Proposed site controls

- Watering (choose one option from below)
 - Frequent (2 or more times per day)
 - As needed
- Chemical stabilizer
- Revegetation (must occur within one year of site disturbance)
 - Seeding with mulch
 - Seeding without mulch
- Other (specify): _____

Permit Number: _____

AIRS ID Number: _____ / _____ / _____

[Leave blank unless APCD has already assigned a permit # and AIRS ID]

Section 6 - Applicant Certification

I hereby certify that all information contained herein and information submitted with this application is complete, true, and correct.

Signature of Legally Authorized Person (not a vendor or consultant) Date

Name (print) Title

Check the appropriate box to request a copy of the:

- Draft permit prior to issuance
- Draft permit prior to public notice

(Checking any of these boxes may result in an increased fee and/or processing time)

This emission notice is valid for five (5) years. Submission of a revised APEN is required 30 days prior to expiration of the five-year term, or when a reportable change is made (significant emissions increase, increase production, new equipment, change in fuel type, etc.). See Regulation No. 3, Part A, II.C. for revised APEN requirements.

Send this form along with \$216.00 to:

Colorado Department of Public Health and Environment
Air Pollution Control Division
APCD-SS-B1
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Make check payable to:

Colorado Department of Public Health and Environment

For more information or assistance call:

Small Business Assistance Program
(303) 692-3175
OR
(303) 692-3148

APCD Main Phone Number
(303) 692-3150