Change of Location Approval Request For Temporary Construction Sources

Hot Mix Asphalt Plants

Concrete Batch Plants

Sand & Gravel Processing Plants

Company Name: _____

Class II General Permit No.: AP

Number of Emission Units Requested or Revised _____



Please Submit Request to:

Nevada Division of Environmental Protection Bureau of Air Pollution Control, Class II Permitting Branch 901 South Stewart Street, Suite 4001 Carson City, Nevada 89701-5249 Phone (775) 687-9349

IMPORTANT INFORMATION

- The request packet contains:
 - General Company Information Form
 - Request Fee
 - Emission Calculation Form(s)
 - Special Use Area Additional Information Forms (if applicable)
 - Process Narrative
 - Process Flow Diagram(s)
 - Location Map(s)
 - Request Certification Document with Required Attachments
- Please see the Guidance Document for additional instructions on how to complete the request.
- A printed copy of the request must be submitted (mailed or hand delivered), along with an electronic version.
- The request filing fee of \$200 per emission unit as required by Nevada Administrative Code (NAC) 445B.327 must be submitted with the completed request. Checks must be made payable to the "Nevada State Treasurer, Environmental Protection" with "BAPC" noted in the memo line. Fees may also be submitted electronically at https://epayments.ndep.nv.gov/.
- For crushers and screens, the BAPC considers the associated transfers in and out as part of the crusher or screen. As a result, the crusher and screen, along with the associated transfers in and out are considered as one emission unit. Fee wise this means that the \$200 that is submitted for each crusher and screen also covers their associated transfers in and out.
- This request shall only be used to apply for Change of Location Approvals for operating scenarios as prescribed under the Class II General Air Quality Operating Permit For Temporary Construction Sources (Hot Mix Asphalt Plants, Concrete Batch Plants, and Sand & Gravel Processing Plants) issued on May 7, 2022. If other activities that have the potential to impact air quality are planned, other permits may be required
- This request for a Change of Location Approval under the Class II General Air Quality Operating Permit For Temporary Construction Sources must be signed by the Responsible Official, as defined in NAC 445B.156. The certification/signature page is the last page of the request and the original "wet" signature must be provided.
- All items in the request must be addressed. If an item does not apply, "N/A" or similar notation must be entered in the appropriate blank. All other information must be provided. Incomplete requests will be returned to the Responsible Official within 10 working days of receipt of the request.

GENERAL COMPANY INFORMATION FORM

1. Company Name and Address:

2.

Name:	Company Name		
Address:	Mailing Address		
City:	Company City		
State:	Company State	Zip Code:	Company Zip Code
Phone:	Company Phone	Fax:	Company Fax
Responsible	e Official Name, Title, an	d Address:	
Name:	RO Name		

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Title:	RO Title		
Address:	RO Address		
City:	RO City		
State:	RO State Z	Zip Code:	RO Zip Code
Phone:	RO Phone	Fax:	RO Fax
Email:	RO Email		

3. Location and Driving Directions for the requested Change of Location Approval (COLA)

Hydrographic Basin (HA) Number and Name : (Ex. 072-Imlay Area)

Township(s):	N; Range(s):	E;	Section(s):	
UTM Coordinates fo	r the location of COLA (NAD 83, Zone	11):		
	m North;	,		m East;
				-
	om nearest city to the location of COLA			

Does any other temporary or stationary source exist at this proposed COLA request location? □ Yes □ No

If yes please provide name of the facility and the Air Quality Operating Permit number:

5. Does the proposed COLA request project disturb more than 5 acres of land? □ Yes □ No

If yes, has a Surface Area Disturbance permit been applied for? \Box Yes \Box No

6. Does the COLA request include a Hot Mix Asphalt plant? □ Yes □ No

If yes, please provide the date that the most recent performance test was conducted:_____

7. Which type of COLA are you applying for?

- □ Sand/Gravel Cushing and Screening (ONLY)
- □ Hot Mix Asphalt with Lime Marination (ONLY)
- □ Hot Mix Asphalt <u>without</u> Lime Marination (ONLY)
- □ Concrete Batch Plant (ONLY)
- □ Sand/Gravel Cushing and Screening and Hot Mix Asphalt with Lime Marination
- □ Sand/Gravel Cushing and Screening and Hot Mix Asphalt without Lime Marination
- □ Sand/Gravel Cushing and Screening and Concrete Batch Plant
- □ Sand/Gravel Cushing and Screening and Hot Mix Asphalt with Lime Marination and Concrete Batching
- □ Sand/Gravel Cushing and Screening and Hot Mix Asphalt <u>without</u> Lime Marination and Concrete Batching

8. What is the minimum setback of equipment from public access and maximum hours of operation?

Minimum Setback:

- \Box 50 meters
- \Box 75 meters
- \Box 100 meters
- \Box 200 meters
- \Box 300 meters
- \Box 400 meters
- \Box 500 meters

Maximum Hours of Operation:

- \square 8 hrs
- \Box 10 hrs
- \Box 12 hrs
- \Box 14 hrs
- \Box 16 hrs

Form 1A – Change of Location Emission Unit List: Particulate Emissions (PM) Units Calculation Form³

[Use this table or equivalent spreadsheet to request operating parameters and calculated particulate emissions for each emission unit. Use Form 1B in addition to Form 1A for units that also emit gaseous pollutants (e.g., Asphalt Plant Drum Dryers, etc.)]

Fraining Unit Description	Material Process Rate		Operating	Emissions Control		Emission Facto		Calculated PM	Calculated PM ₁₀	Calculated PM _{2.5}
Emission Unit Description	tons/ hr	tons/ project	Hours (hrs/day)	Technology	PM (lbs/ton)	PM ₁₀ (lbs/ton)	PM _{2.5} (lbs/ton)	Emissions (lbs/day)	Emissions (lbs/day)	Emissions (lbs/day)
Ex. Conveyor 1 to 2	500	500,000	16	Water Sprays	0.00014	0.000046	0.000013	1.12	0.368	0.104
-										
	1	1	1	1			Total ²			

1. The Emission Factors established in Section IV of the Class II General Air Quality Operating Permit For Temporary Construction Sources must be used.

2. The total of PM, PM₁₀, PM₂₅, NO_x, SO₂, CO and VOC emissions for all units must not exceed limits in Section V of the Class II General Air Quality Operating Permit For Temporary Construction Sources. 3. Use additional forms as necessary.

Example Calculation: 500 tons/hr x 16 hr/day x 0.00014 lbs/ton = 1.12 lbs/day

<u>Form 1B – Change of Location Emission Unit List: Gaseous Emissions Units Calculation Form</u>³ [Use Form 1B in addition to Form 1A for emission units that also emit gaseous pollutants (e.g., Asphalt Plant Drum Dryers, etc.)]

Emission Unit Description	Material Ra tons/		Operating Hours	Emissions Control Technology	Emission Factor ¹	Pollutant	Calculated Emissions
	hr	project	(hrs/day)		(lbs/ton)		(lbs/day)
						PM	
						PM10	
						PM2.5	
						NOx	
						SO2	
						СО	
						VOCs	
						РМ	
						PM10	
						PM2.5	
						NOx	
						SO2	
						СО	
						VOCs	

COLA Wide Totals	Total	Total	Total	Total	Total	Total	Total
	PM Emissions	PM ₁₀ Emissions	PM _{2.5} Emissions	NOx Emissions	SO2Emissions	CO Emissions	VOC Emissions
	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)	(lbs/day)
Emissions Totals ²							

1. The Emission Factors established in Section IV of the Class II General Air Quality Operating Permit For Temporary Construction Sources must be used.

2. The total of PM, PM₁₀, PM₂₅, NO_x, SO₂, CO and VOC emissions for all units must not exceed limits in Section V of the Class II General Air Quality Operating Permit For Temporary Construction Sources. 3. Use additional forms as necessary.

Form 1C – Special Use Area Additional Information¹ [Use Form 1C if applying for a Change of Location Approval in the Special Use Area as described in the Class II General Air Quality Operating Permit For Temporary Construction Sources]

	D · · ·	UTM Co (NAD 83,	ordinates Zone 11)	D 1	5	Emission	G. 1	Stack Inside		Stack		Requested	d Hours of ration
Emission Unit Description	Emission Unit Identifier	Easting (m)	sting (m) Northing H	Release Height (ft)	Drop Length (ft)	Unit Dimensions L x W x H (ft)	Stack Height (ft)	Diameter or L x W Dimensions (ft)	Stack Flow Rate (acfm)	Exit Velocity (ft/sec)	Stack Temperature (°F)	Start Time (AM/PM)	End Time (AM/PM)

1. Use additional forms as necessary.

Form 1D – Special Use Area Additional Information [Use Form 1D if applying for a Change of Location Approval in the Special Use Area as described in the Class II General Air Quality Operating Permit For Temporary Construction Sources. In addition to filling out this form, please provide a topographic map (or similar satellite-image map) showing the entire fence line boundary for the proposed Change of Location.]

	Corner Location of Fence Line Boundar	Corner Location of Fence Line Boundary for the proposed Change of LocationUTM Easting (m)(NAD 83, Zone 11)(NAD 83, Zone 11)					
Corner Number	UTM Easting (m)	UTM Northing (m)					
	(NAD 83, Zone 11)	(NAD 83, Zone 11)					

REQUEST CERTIFICATION DOCUMENT

(With Required Attachments)

Please check all applicable boxes below to indicate the information provided in your request submittal:

- □ General Company Information Form
- Request Fee Attached (\$200 for each emission unit (NAC 445B.327))
- Request Fee Electronically Submitted (\$200 for each emission unit (NAC 445B.327))
- □ Form 1A Particulate Emissions Calculation Form(s)
- □ Form 1B Gaseous Emissions Calculation Form (if applicable)
- \Box Form 1C Special Use Area Form (if applicable)
- □ Form 1D Special Use Area Form (if applicable)
- Process Flow Diagrams(s) of the emission units as they will be set up, including identification of all pollution control(s) and which emission units are controlled by these devices. All emission units must be identified by name
- Process Narrative which details the flow of material as shown in the Process Flow Diagram(s)
- Topographic Map (or similar satellite-image map) indicating the exact location of each emission unit
- Special Use Area Map (topographic map or similar satellite-image map) showing the entire fence line boundary for the proposed Change of Location (if applicable)
- Request Certification Document with Original "Wet" Signature

PLEASE NOTE THE FOLLOWING REQUIREMENTS WHICH APPLY TO APPLICANTS DURING THE REQUEST PROCESS:

- A. A request for a change of the location of an emission unit must be made in writing to the Director and submitted with the fee for each operating permit at least 10 days before each change of location. An owner or operator must not operate the emission unit at the new location until the Director approves the location [NAC 445B.331].
- B. A permit applicant is required to provide any additional information which the Director requests in writing within the time specified in the Director's request [NAC 445B.297(1)(c)].
- C. Submission of fraudulent data or other information may result in prosecution for an alleged criminal offense [NRS 445B.470].

CERTIFICATION:

I certify that, based on information and belief formed after reasonable inquiry, the statements and information contained in this request are true, accurate and complete.

Signature of Responsible Official

Print or Type Name and Title