

<b>Mail Application To:</b>  New Mexico Environment Department Air Quality Bureau New Source Review Unit 1301 Siler Road, Building B Santa Fe, NM 87507-3113  Phone (505) 476-4300 www.nmenv.state.nm.us/aqb		For Department use only:     AIRS #: _____ AI #: _____
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## Registration Application & Relocation Application for: General Construction Permit (GCP-3) Hot Mix Asphalt Plants (Locating outside of Bernalillo County and Tribal Communities)

- Acknowledgement:
- I am submitting this form for an **initial** GCP-3 registration.
  - I am submitting this form for **relocation** of equipment under GCP-3 Permit No. \_\_\_\_\_  
A **complete** form is required for all relocations. **For relocation**, response to questions with asterisks {\*} and section IX {attachment D.2} do not need to be provided; sections VII, VIII, and IX {attachment A} are not required unless equipment has changed since the last submitted list. Posting of public notice is required.
  - I acknowledge that a pre-application meeting is available to me upon request.
  - Permit or relocation fee enclosed, Check No.: \_\_\_\_\_ [Required] (amounts differ for initial registrations, relocations, & small business). The current value of a fee point can be found at: <http://www.nmenv.state.nm.us/aqb/forms/fee-cpi-adjustment-method.pdf>
  - I have sent a copy of this application to the nearest Department Field Office (required for initial registrations only).
  - I have initiated the public notice **required** by Condition ILB.1 of GCP-3 (required for initial registrations only).
  - This facility meets the applicable requirements in 20.2.75 NMAC to register as a Small Business.

I Company Information			
1	a) Company name:	b) Date application notarized:	
2	a) Facility name:	*b) SIC code (4 digits):	
3	Company mailing address:		
4	a) Contact person:	b) Title:	
5	a) Phone No:	b) Fax No:	c) e-mail:
6	Will this facility operate in conjunction with other air regulated parties on the same property? <input type="checkbox"/> No <input type="checkbox"/> Yes If yes, what is the name and permit number (if known) of the other facility?		
II Applicability			
1*	Does your facility have Emissions Units subject to any New Source Performance Standard (NSPS) other than 40 CFR 60 Subpart I?		<input type="checkbox"/> No <input type="checkbox"/> Yes
2*	Is your facility listed under a NESHAP or MACT?		<input type="checkbox"/> No <input type="checkbox"/> Yes
3	Will your facility process radioactive materials?		<input type="checkbox"/> No <input type="checkbox"/> Yes
4	Will this facility be located less than three (3) miles from a Class I (Wilderness) area? See AQB Modeling website for a map of Class I areas at: <a href="http://www.nmenv.state.nm.us/aqb/modeling/class1areas.html">http://www.nmenv.state.nm.us/aqb/modeling/class1areas.html</a>		<input type="checkbox"/> No <input type="checkbox"/> Yes

5	Will your facility use liquid fuel with a sulfur content greater than 0.5% by weight?	<input type="checkbox"/> No <input type="checkbox"/> Yes
6	Will this facility use any fuels other than natural gas, liquefied petroleum gas (LPG)/propane, gasoline, and #2 diesel fuel with a sulfur content greater than 0.05% by weight?	<input type="checkbox"/> No <input type="checkbox"/> Yes
If you answered <b>Yes</b> to any of questions 1-6, your facility <b>does not</b> qualify for this general construction permit. You need to submit an application for a regular permit under 20 NMAC 2.72 <i>Construction Permits</i> .		
7	Will your facility meet the location requirements as described in Sections III.C. and III.E. of this general construction permit?	<input type="checkbox"/> No <input type="checkbox"/> Yes
8	Is your facility's primary purpose to manufacture paving materials by heating and drying aggregate and mixing with asphalt cements per Condition I.A.1 of the general construction permit?	<input type="checkbox"/> No <input type="checkbox"/> Yes
9	Is your facility's Maximum Production less than or equal to 600 Tons Per Hour? (Required by Condition III.A.4. of this General Construction Permit)	<input type="checkbox"/> No <input type="checkbox"/> Yes
10	Does your facility include any combination of the Emissions Units listed in Section I.A.3. of the general construction permit, and no others?	<input type="checkbox"/> No <input type="checkbox"/> Yes
11	Can your facility comply with all of the applicable state and federal regulations listed in Section III.B. of the general construction permit?	<input type="checkbox"/> No <input type="checkbox"/> Yes
12	Will the perimeter of the Area of Operations of your facility be located more than one-quarter mile (1/4) from an existing recreation area, private residence, office building, school, or other occupied structure?	<input type="checkbox"/> No <input type="checkbox"/> Yes
13	Will the minimum distance between any emission source of the permitted Facility and the perimeter of the Restricted Area (except where the haul road crosses the Restricted Area perimeter) be at least 10 meters (11 yards)?	<input type="checkbox"/> No <input type="checkbox"/> Yes
14	Will your facility operate <b>no more</b> than 4,380 hours per year?	<input type="checkbox"/> No <input type="checkbox"/> Yes
15	Will your facility operate during daylight hours only?	<input type="checkbox"/> No <input type="checkbox"/> Yes
16	Will the haul road control measures meet or exceed the requirements as described in Section III.F. and Table III.F.1 of this general construction permit?	<input type="checkbox"/> No <input type="checkbox"/> Yes
17	If you plan to co-locate with a concrete batch plant or a crushing facility, will your plant comply with the Production Limitations as described in Section III.E. of this general construction permit?	<input type="checkbox"/> No <input type="checkbox"/> Yes

If you answered **NO** to any of questions 7-17, your facility **does not** qualify for this general construction permit. You need to submit an application for an individual permit under 20. 2.72 NMAC *Construction Permits*.

### III Current Facility Status

1*	Has this facility previously been issued a general construction permit? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the registration No. is:	
2*	Has this facility already been constructed? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it currently operating in New Mexico? <input type="checkbox"/> Yes <input type="checkbox"/> No	
3*	Does this facility currently have a construction permit (20.2.72 NMAC, Section 200.A or 200.B )? <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the permit No., and whether it will remain active or not:	
4*	Is this application in response to a Notice of Violation (NOV)? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, provide current permit #:	If yes, NOV date:	NOV Tracking No.
5	This Facility is submitting this application as a Small Business and will operate under the small business product limitation in the GCP, Section II.D.2 – Fees. <input type="checkbox"/> Yes <input type="checkbox"/> No		
6	This Facility will operate as a Small Business under Condition II.D. I understand that additional reporting requirements are necessary prior to operating over the TPY limit in Condition II.D.2, and as required in Condition IV.C.1.b. <input type="checkbox"/> Yes <input type="checkbox"/> No		

### IV Facility Location Information

1	a) Section:	b) Range:	c) Township:	d) County:	e) Elevation (ft):
2	a) UTM Zone: <input type="checkbox"/> 12 or <input type="checkbox"/> 13	b) UTME (to nearest 0.01 km):		c) UTMN (to nearest 0.01 km):	
	d) Specify Easting and Northing Coordinates as NAD 27:			or NAD 83:	
<b>AND</b>	Latitude (deg., min., sec.):		Longitude (deg., min., sec.):		
3	Name and zip code of nearest New Mexico town and/or tribal community:				
4	Detailed Driving Instructions including direction and distance from nearest NM town and/or tribal community (attach a road map if necessary). If there is no street address, provide public road mileage marker:				
5	Direction and distance to the nearest occupied structure from the perimeter of the Area of Operations:				
	On Attachment C (page 6) required map, indicate (circle) all residences within ¼ mile of area of operations.				

6	Status of land at which the facility is to be located (check one): <input type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input type="checkbox"/> Government
7	Name and county of the nearest Class I Area and its direction from the facility:
8	Shortest distance from the facility to the boundary of the nearest Class I Area (to the nearest 1 km):

### V Proposed Operating Schedule

1	Facility <b>maximum</b> operating ( $\frac{\text{hours}}{\text{day}}$ ):	( $\frac{\text{days}}{\text{week}}$ ):	( $\frac{\text{weeks}}{\text{year}}$ ):	( $\frac{\text{hours}}{\text{year}}$ ):
2	Facility's maximum daily operating schedule? Start:		<input type="checkbox"/> AM <input type="checkbox"/> PM	End: <input type="checkbox"/> AM <input type="checkbox"/> PM
3	Month and year of anticipated startup of new or modified facility:			
4	Month and year of anticipated completion date at this proposed site:			
5	Will this facility operate at this site for more than one year? <input type="checkbox"/> Yes <input type="checkbox"/> No		If yes, give number of years, months, permanent etc.	

### VI Other Facility Information

1	Maximum proposed production	tons/hr	3	Total miles of haul road (one way)	miles
2	Area of storage pile & operations	acres	4	Estimated Number of Haul truck trips per day (round trip)	trips/day
5	Amount of area with restricted public access in acres and the methods used to restrict public access:				
6	Describe the control measures that will be used on haul roads to meet the fugitive emission requirements described in Section III.F. of this General Construction Permit:				
7	Provide a preliminary operational plan(s) defining the measures to mitigate source emissions during: 1) Facility malfunctions, start up, shutdown, scheduled maintenance as defined in 20.2.7 NMAC or 2) weather conditions that would cause an exceedance of the visible emission requirement in Section III.A.6. of the permit.				
8	Type of material to be processed:				



VIII Storage Tank Information (Note: this data will be used to determine 40 CFR 60 Subpart Kb applicability) (Use additional sheets if necessary){\*}

Tank No.	Materials Stored	Date Installed (MM/DD/YY)	Capacity (bbl)	Capacity (M <sup>3</sup> )	Diameter (M)	Height (M)	True Vapor Pressure (kPa)	Annual Through-puts (gal)	Annual Turnovers

## IX Required Attachments

The following Attachments are required. Please label each accordingly. A complete application shall include:

\*Attachment A A process flow sheet and/or block diagram indicating the individual equipment, all emission points and types of control applied to those points. Numbering system should cross reference with Attachment B.

Attachment B A plot plan drawn to scale, showing the Area of Operations, emissions points, structures, tanks, and fences of the Restricted Area, and the Property Boundary owned, leased, or under direct control of the applicant and/or owner or operator.

Attachment C A map such as a 7.5 minute United States Geological Survey (USGS) topographic quadrangle showing the proposed location of the Facility. The map shall also include the following:

Access and haul roads
A minimum radius around the plant of 5km (3.1 miles), showing any Class 1 areas
Topographic features of the area
The name of the map
A graphic scale
An indicator showing which direction is north
The UTM or Longitudinal coordinate system on both axes
Any co-located particulate sources
Include facility property boundaries, perimeter of the area of restricted public access (fenceline), area of operations boundary, & location of the asphalt plant.
Location of state parks, recreation areas, school yards, residences, businesses, schools, or other occupied structures within ¼ mile of the boundary of the area of operations.
Show the nearest occupied structure, indicating the shortest distance from it to the perimeter of the Area of Operations, unless the distance is greater than 3.1 miles. If greater than 3.1 miles, so indicate.

Attachment D Documentation that public notice has been initiated

1) Include the General Posting of Notice-Certification including location of posted notice along with the posted sample; date of posting, and name of person posting the notice.
2a) {*} Include an original or copy of the actual newspaper advertisement. The original or copy of the advertisement must include the header showing the date and newspaper or publication title. <b>OR</b>
2b) {*} Include an affidavit from the newspaper or publication stating that the advertisements were published. The affidavit must include the date of the advertisements' publication, and a legible photocopy of the entire ad.

Attachment E A written description of the methods by which public access is limited to the Restricted Area

Certification X Certification by the Facility's owner or operator, or authorized representative before a notary public that all of the information included in the registration form is true and complete to the best of his or her knowledge (see attached copy in Part IV of this registration form).

**Certification**  
**General Posting of Notices**  
**General Construction Permits (GCPs)**

I, \_\_\_\_\_, the undersigned, certify that on **{DATE}**, I posted a true and correct copy of the attached Public Notice in a publicly accessible and conspicuous place at the facility entrance of the property on which the facility is, or is proposed to be, located.

Signed this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title { APPLICANT OR RELATIONSHIP TO APPLICANT }

X Certification

**Company Name:** \_\_\_\_\_

I, \_\_\_\_\_, hereby certify that the information and data submitted in this application are true and as accurate as possible, to the best of my knowledge and professional expertise and experience.

Signed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, upon my oath or affirmation, before a notary of the State of \_\_\_\_\_.

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Printed Name**

\_\_\_\_\_  
**Title**

Scribed and sworn before me on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

My authorization as a notary of the State of \_\_\_\_\_ expires on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
**Notary's Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Notary's Printed Name**

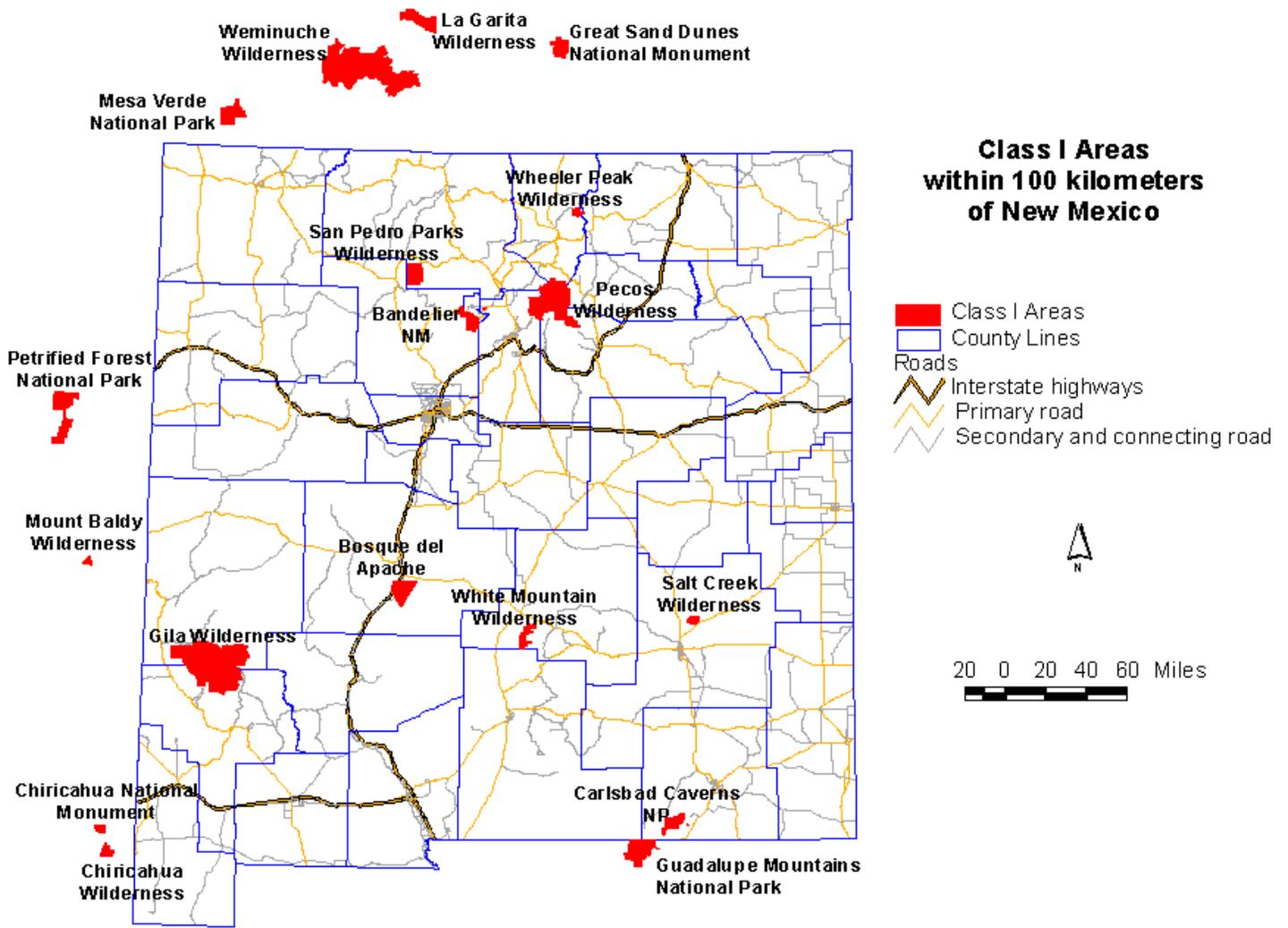


Figure 1

## Carbon Monoxide Emission Calculation Tool

Per GCP-3 condition III.G, this facility shall not exceed the weekly rolling 52-week asphalt production limit listed in Table GCP-3-A.1 below, based on the facility's maximum available horsepower during the preceding 12 months.

**Table GCP-3-A.1:** Carbon Monoxide Emissions Calculations Tool

Maximum 52-week facility-wide total IC Engine Horsepower	Tons/year of CO emissions available for asphalt production	Asphalt Production Limit (This is a weekly rolling 52 week limit)	
		Drum Mix Tons/year	Batch Mix Tons/year
0	95	1,461,538	475,000
68	94	1,446,154	470,000
137	93	1,430,769	465,000
205	92	1,415,385	460,000
273	91	1,400,000	455,000
342	90	1,384,615	450,000
410	89	1,369,231	445,000
478	88	1,353,846	440,000
547	87	1,338,462	435,000
615	86	1,323,077	430,000
684	85	1,307,692	425,000
752	84	1,292,308	420,000
820	83	1,276,923	415,000
889	82	1,261,538	410,000
957	81	1,246,154	405,000
1,025	80	1,230,769	400,000
1,094	79	1,215,385	395,000
1,162	78	1,200,000	390,000
1,230	77	1,184,615	385,000
1,299	76	1,169,231	380,000
1,367	75	1,153,846	375,000
1,435	74	1,138,462	370,000
1,504	73	1,123,077	365,000
1,572	72	1,107,692	360,000
1,641	71	1,092,308	355,000
1,709	70	1,076,923	350,000
1,777	69	1,061,538	345,000
1,846	68	1,046,154	340,000
1,914	67	1,030,769	335,000
1,982	66	1,015,385	330,000
2,051	65	1,000,000	325,000

For horsepower values that fall between two values listed in this table, the facility's annual production rate shall not exceed the tons per year production limit corresponding to the next highest horsepower value in this table. The facility shall use the weekly 52 week Asphalt Production Limit specified above to ensure the facility does not exceed the weekly rolling annual total CO emission limit specified in Table III.G.1 of the GCP-3 permit.