

**Mail To:**  
 New Mexico Environment Department  
 Air Quality Bureau  
 Permit Program Manager  
 525 Camino de los Marquez, Suite 1  
 Santa Fe, New Mexico, 87505

Phone (505) 476-4300  
 Fax (505) 476-4375  
[www.env.nm.gov/air-quality/](http://www.env.nm.gov/air-quality/)



For Department use only:

# General Construction Permit (GCP-3)

## Multi-Form for Hot Mix Asphalt Plants

(Locating outside of Bernalillo County and Tribal Communities)

Use this form for any combination of the following permitting activities: **Initial registration** of a facility for a GCP-3 permit, GCP-3 facility **relocations**, GCP-3 **substitution of equipment** notification, and reporting of **additional equipment** for GCP-3 facilities.

### Acknowledgements (Mark all that apply):

- I am submitting this form for an **initial** GCP-3 registration.
- I am submitting this form for **relocation**. A **complete** form is required for all relocations including the Equipment List.
- I am submitting this form for **equipment substitutions, removals, or additions**. Sections I, VI, VII, VIII and IX.1 are required in addition to the certification form on page 10. Applicable provisions of the GCP-3 may require compliance tests for equipment installed following this notification. Include other sections if information is changing that should be reported in those sections.
- I acknowledge that a **pre-application meeting is available to me upon request**.
- I have sent a copy of this application to the nearest Department Field Office (required for initial registrations only).
- Public notice was posted prior to submitting this form to NMED.**
- I have **published** the public notice required by Condition II.B.1 of GCP-3 (required for **initial** registrations only).
- This facility qualifies to receive assistance from the Small Business Environmental Assistance program (SBEAP) **and qualifies for 50% of the current application and permit fees**. To see if you qualify for SBEAP assistance and a fee reduction go to [www.env.nm.gov/air-quality/small-biz-eap-2/](http://www.env.nm.gov/air-quality/small-biz-eap-2/).
- This facility qualifies to receive assistance from the Small Business Environmental Assistance Program (SBEAP) but **does not qualify for 50% of the current application and permit fees**.

I have enclosed a check for the required fee:

Registration Fees	Initial Registration	Relocation	Small Business* Initial Registration	Small Business* Relocation
Prior to 1/1/2022	\$4,320	\$432	\$2,160	\$216
Beginning 1/1/2022	\$4,550	\$455	\$2,275	\$228

There is an annual fee in addition to the registration fee: [www.env.nm.gov/air-quality/permit-fees-2/](http://www.env.nm.gov/air-quality/permit-fees-2/).

\* For facilities qualifying as a "small business" under 20.2.75.7.F NMAC the reduced fee may be used if NMED has a Small Business Certification Form from your company on file: [www.env.nm.gov/forms/](http://www.env.nm.gov/forms/).

Provide your Check Number: **037389** and Amount: **\$455.00**.

I Company Information			
1	a) Company name: Perovich Properties, Inc. dba Taos Gravel Products		b) Date appl. notarized: 3/18/2022
2	a) Facility name: Cedar Rapids Hot Plant	b) 4-digit SIC code: 2951	c) 6-digit NAICS code: <b>324121</b>
3	Company mailing address: PO Box 1620, El Prado, NM 87529		This Facility is: <input type="checkbox"/> Stationary <input checked="" type="checkbox"/> Portable
4	For facilities with permits (or NPR or NOI), provide your Permit #: GCP3-8925		AI # (if known): 39654

5	a) Contact person: Joel Perovich	b) Title: President	
6	a) Phone No: 575-758-4395	b) Fax No: 575-737-9487	c) e-mail: claire@taosgravel.com
7	Will this facility operate in conjunction with other air regulated parties on the same property? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes If yes, what is the name and permit number (if known) of the other facility? Unknown at this time POSSIBLY		
8	a) If you have hired a consultant, provide name and contact info:		
9	a) Phone No:	b) Fax No:	c) e-mail:

## 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 checked="" type="checkbox"/> No <input type="checkbox"/> Yes
2	Is your facility listed under a NESHAP or MACT?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
3	Will your facility process radioactive materials?	<input checked="" 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.env.nm.gov/aqb/modeling/classIareas.html">http://www.env.nm.gov/aqb/modeling/classIareas.html</a>	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes
14	Will your facility operate <b>no more</b> than 4,380 hours per year?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes
15	Will your facility operate during daylight hours only?	<input type="checkbox"/> No <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the registration No. is: GCP3-8925
2	Has this facility already been constructed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, is it currently operating in New Mexico? <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, the permit No., and whether it will remain active or not: 0145, will be inactive
4	Is this application in response to a Notice of Violation (NOV)? <input type="checkbox"/> Yes <input checked="" 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 checked="" 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

Please use Montana's Graphical Locator to convert Lat/Long to UTM systems, found at:  
<http://rcn.montana.edu/resources/converter.aspx>

1	a) Section: 11	b) Range: 11E	c) Township: 26N	d) County: Taos	e) Elevation (ft): 7004		
2	a) UTM Zone: <input type="checkbox"/> 12 or <input checked="" type="checkbox"/> 13		b) UTM E (to nearest 0.01 km): 434160		c) UTM N (to nearest 0.01 km): 4040046		
	d) Specify datum used: <input type="checkbox"/> NAD 27 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> WGS 83						
<b>AND</b>	a) Latitude (decimal degrees): 36,30,12.55N		b) Longitude (decimal degrees): 105,44,6.77W				
3	Name and zip code of nearest New Mexico town and/or tribal community: Arroyo Hondo 87529						
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: From the intersection of NM 522 and HWY 64, go west on 64 for approximately 8.65 miles to MP 241.8 and turn right through the double red gates to the haul road.						
5	The facility is 4.4 miles west-southwest of Arroyo Hondo.						
6	Direction and distance to the nearest occupied structure from the perimeter of the Area of Operations: 0.50 miles west						
7	Land Status of Facility (check one): <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian/Pueblo <input type="checkbox"/> Government <input type="checkbox"/> BLM <input type="checkbox"/> Forest Service <input type="checkbox"/> Military						
8	Name and county of the nearest Class I Area and its direction from the facility: Wheeler Peak Wilderness, Taos County, ENE						
9	Shortest distance from the facility to the boundary of the nearest Class I Area (to the nearest 1 km): 16 km						
<b>V Proposed Operating Schedule</b>							
1	Facility <b>maximum</b> operating ( $\frac{\text{hours}}{\text{day}}$ ): 12		$\frac{\text{days}}{\text{week}}$ : 7		$\frac{\text{weeks}}{\text{year}}$ : 52		
					$\frac{\text{hours}}{\text{year}}$ : OR <input checked="" type="checkbox"/> Daylight hours only		
2	Facility's maximum daily operating schedule? Start: 7:00			<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	End: 6:30 <input type="checkbox"/> AM <input checked="" type="checkbox"/> PM		
3	Month and year of anticipated startup of new or modified facility: May 2022						
4	Month and year of anticipated completion date at this proposed site: unknown. At least two years						
5	Will this facility operate at this site for more than one year? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			If yes, give number of years, months, permanent etc. 2			
<b>VI Other Facility Information</b>							
1	Maximum proposed production	300	tons/hr	3	Total miles of haul road (one way)	1.97	miles
2	Area of storage pile & operations	5	acres	4	Estimated Number of Haul truck trips per day (round trip)	70	trips/day
5	a) <b>Restricted Area:</b> Provide a written description of the method(s) to be used to restrict public access to the restricted area. Method(s) used to delineate the Restricted Area: barbed wire fence  "Restricted Area" is an area to which public entry is effectively precluded. Effective barriers include continuous fencing, continuous walls, or other continuous barriers approved by the Department, such as rugged physical terrain with steep grade that would require special equipment to traverse. If a large property is completely enclosed by fencing, a restricted area within the property may be identified with signage only. Public roads cannot be part of a Restricted Area.						
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: water plus base course The GCP-2 permit Table III.F.1 (p. 11) Fugitive Emissions Control Requirements for Haul Road for this facility layout are: <input type="checkbox"/> Water <input checked="" type="checkbox"/> Water plus base course application <input type="checkbox"/> Surfactant application according to the manufacturer's instructions <input checked="" type="checkbox"/> Paved and sweeping						

7	<p><input checked="" type="checkbox"/> <b>During Malfunctions, Start-up, Shutdown, and Scheduled Maintenances and weather exceedances the plant will shut down until it can operate without exceedances.</b></p> <p>Either check the option above or provide a preliminary operational plan(s) defining the measures to mitigate source emissions during:</p> <p>1) Facility malfunctions, start up, shutdown, scheduled maintenance as defined in 20.2.7 NMAC <b>AND</b></p> <p>2) weather conditions that would cause an exceedance of the visible emission requirement in Section III.A.6. of the permit.</p>
8	<p>Type of material to be processed: HOT AND WARM MIX ASPHALT, aggregate, asphalt cement, and evotherm</p>
9	<p><b>Calculation of maximum asphalt production allowed under the GCP-3 permit to demonstrate compliance with the 95 tons per year annual CO emission limits:</b></p> <p><b><u>New and existing facilities</u></b> must provide the required information in VI.9.1 and VI.9.2 below:</p> <p>1) The total available horsepower of all internal combustion (IC) engines requested in this application at this facility is: <u>na</u> horsepower.</p> <p>2) Using the horsepower reported above and the <b>Carbon Monoxide Emission Calculation Tool</b> found at the end of this application, this facility's weekly rolling 52-week total <b>Asphalt Production Limit</b> is: <u>na</u> tons per year (TPY). Weekly rolling 52-week total asphalt production records will be used to demonstrate compliance with the 95 TPY CO limit.</p> <p><b><u>Facilities changing equipment generating combustion emissions</u></b> as part of this submission are required to fill out the rest of this section:</p> <p>1) <b><u>Prior</u></b> to any equipment change(s) requested in this application, the total available horsepower of all internal combustion (IC) engines at this facility is: <u>950</u> horsepower.</p> <p>2) Including all requested equipment changes included in this application, the total available horsepower of all internal combustion (IC) engines at this facility will be: <u>855</u> horsepower.</p> <p>3) Using the horsepower reported above and the <b>Carbon Monoxide Emission Calculation Tool</b> found at the end of this application, this facility's weekly rolling 52-week total <b>Asphalt Production Limit</b> is: <u>1,269,119</u> tons per year (TPY). Weekly rolling 52-week total asphalt production records will be used to demonstrate compliance with the 95 TPY CO limit.</p>

<b>VII Process Equipment Information (use additional sheets if necessary)</b>							
<b>List all equipment and emissions sources at the facility, not only what is being substituted, added or removed</b>							
Unit Number	Component Description (or unit's function) <sup>1</sup>	Manufacturer	Manufacture Date.	Model Number	Equipment Size, Capacity <sup>2</sup> or Maximum Process Rate (for generator sets, report the rated horsepower)	Manufacturers Emission Factors for Regulated Air Pollutants (for engines or generators) <sup>3</sup>	Date of Most Recent Compliance Test in New Mexico (or "None")
1	Aggregate Feed Bin	Shop made	Unknown		300 tph		
2	Feed Conveyor	Shop made	Unknown		300 tph		
3	Screen 3' x 8'	CedarRapids	Unknown		300 tph		
4	Feed Conveyor	Shop made	Unknown		300 tph		
5	Pug Mill	Shop made	Unknown		300 tph		
6	Conveyor	Shop made	Unknown		300 tph		
7	Cedarrapids Asphalt Drum	Cedar Rapids	Unknown	8835 TMM	300 tph		
8	Asphalt Conveyor	Cedar Rapids	Unknown	P1200	300 tph		
9	Asphalt Silo	Cedar Rapids	Unknown	P120S	120 tons		
10	Additive Tank (Evotherm)	CEI	Unknown		3000 gallons		
11	Diesel Fired 545 KW Generator	Caterpillar	1997	3412	545 KW (755 HP)	AP-42 Emissions Factors: NOx 0.024 CO 5.5 E-03 VOC 7.05 E-04 SO2 33.8 gal/hr 0.05% Sulfur PM-10 7.0 E-04	
12	Diesel Fired 49 KW Generator	MultiQuip Komatsu engine	Unknown	DCA-85SSK	49 KW (100 HP)	AP-42 Emissions Factors: NOx 0.031 CO 6.68 E-03 VOC 2.47 E-3 SO2 5.1 gal/hr, 0.05% Sulfur PM-10 2.20 E-03	
13	Cedarrapids Bag House	Cedar Rapids	Unknown	7920 P	47,000 acfm		
14	Asphalt Heater	CEI	Unknown	515A	14 gallons		

<sup>1</sup> Prior to adding any combustion equipment, refer to the Carbon Monoxide Emission Tool attached to this document to ensure CO emissions are below the 95 tons per year limit in the GCP-5. On a weekly basis update production records to ensure the 95 tons per limit was not exceeded for the previous 52 weeks.

<sup>2</sup> To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

<sup>3</sup> Include a copy of the manufacturers data sheets specifying the emission factors of the unit. If no manufacturers data are available, please use EPA's AP-42 emission factors for engines or generators.