



Albuquerque Environmental Health Department - Air Quality Division
11850 Sunset Gardens SW - Albuquerque, New Mexico 87121
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Application for Air Pollutant Sources in Bernalillo County
 Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)

NOTE: Information relating to process or production techniques unique to owner, or data relating to profits and costs not previously made public can be protected as confidential. Check confidentiality box at signature line (page 6) if requesting confidentiality for this application.

Clearly handwrite or type

Corporate Information

Submission Date: 07/25/2016
Re-Submission Date: 12/12/2016

1. Company Name Mountain States Constructors, Inc.
2. Street Address 3601 Pan America Freeway NE #111 Zip 87107
3. Company City Albuquerque 4. Company State NM 5. Company Phone (505) 228-4485 6. Company Fax (505) 292-5311
7. Company Mailing Address: 3601 Pan America Freeway NE #111 Zip 87107
8. Company Contact Henry Smith 9. Phone (505) 228-4485
10. Title Operations Manager

Stationary Source (Facility) Information: [provide a plot plan (legal description/drawing of facility property) with overlay sketch of facility processes; location of emission points; pollutant type & distances to property boundaries]

1. Facility Name MSCI Broadway HMA 2. Street Address: Southwest corner intersection of Murry Rd SE and Broadway Blvd. SE
3. City Albuquerque 4. State NM 5. Facility Phone (505) 228-4485 6. Facility Fax (505) 292-5311
7. Facility Mailing Address (Local) 3601 Pan America Freeway NE #111 Zip 87107
8. Latitude - Longitude or UTM Coordinates of Facility Zone 13S; 349,170 m E; 3,874,660 m N
9. Facility Contact Henry Smith 10. Phone (505) 228-4485 11. Title Operations Manager

General Operation Information (if any further information request does not pertain to your facility, write N/A on the line or in the box)

1. Facility Type (description of your facility operations) Hot Mix Asphalt Plant
2. Standard Industrial Classification (SIC 4 digit #) 2951
3. North American Industry Classification System (NAICS Code #) 324121
4. Is facility currently operating in Bernalillo Cnty. No if yes, date of original construction ___/___/___
If no, planned startup is
5. Is facility permanent Yes If no, give dates for requested temporary operation - from ___/___/___ through ___/___/___
6. Is facility process equipment new Yes If no, give actual or estimated manufacture or installation dates in the Process Equipment Table
7. Is application for a modification, expansion, or reconstruction (altering process, or adding, or replacing process equipment, etc.) to an existing facility which will result in a change in emissions No. If yes, give the manufacture date of modified, added, or replacement equipment in the Process Equipment Table modification date column, or the operation changes to existing process/equipment which cause an emission increase.

8. Is facility operation (continuous, **intermittent**, batch circle one)
9. Estimated % of production Jan-Mar 22.2% Apr-Jun 27.8% Jul-Sep 27.8% Oct-Dec 22.2%
10. Current or requested operating times of facility 24 hrs/day 7 days/wk 52 wks/mo 12 mos/yr
11. Business hrs _____ am _____ am
_____ pm to _____ pm
12. Will there be special or seasonal operating times other than shown above YES If yes, explain: The hourly throughput for the HMA plant will be 400 tons per hour, with a daily throughput of 4000 tons per day (equivalent to operating 10 hours at maximum hourly throughput) for the months of March through October and a daily throughput of 2800 tons per day (equivalent to operating 7 hours at maximum hourly throughput) for the months of November through February.
13. Raw materials processed Aggregate, mineral filler, recycled asphalt material, asphalt cement
14. Saleable item(s) produced Asphalt concrete

PROCESS EQUIPMENT TABLE

(Generator-Crusher-Screen-Conveyor-Boiler-Mixer-Spray Guns-Saws-Sander-Oven-Dryer-Furnace-Incinerator, etc.) Match the Process Equipment Units listed on this Table to the same numbered line if also listed on Emissions & Stack Table (page 6).

Process Equipment Unit	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date	Size or Process Rate (Hp; kW; Btu; ft ³ ; lbs; tons; yd ³ ; etc.)	Fuel Type
1. HMA Cold Aggregate/RAP Storage Piles	NA	NA	NA	NA	TBD	NA	370 ton/hr. 832,500 ton/yr	NA
2. HMA Cold Aggregate Feed Bins(5)	TBD	TBD	TBD	TBD	TBD	NA	230 ton/hr. 517,500 ton/yr	NA
3. HMA Cold Aggregate Feed Bin Conveyor	TBD	TBD	TBD	TBD	TBD	NA	230 ton/hr. 517,500 ton/yr	NA
4. HMA Scalping Screen	TBD	TBD	TBD	TBD	TBD	NA	230 ton/hr. 517,500 ton/yr	NA
5. HMA Scalping Screen Conveyor	TBD	TBD	TBD	TBD	TBD	NA	230 ton/hr. 517,500 ton/yr	NA
6. HMA Pug Mill	TBD	TBD	TBD	TBD	TBD	NA	236 ton/hr. 531,000 ton/yr	NA
7. HMA Scale Conveyor	TBD	TBD	TBD	TBD	TBD	NA	236 ton/hr. 531,000 ton/yr	NA
8. HMA Slinger Conveyor	TBD	TBD	TBD	TBD	TBD	NA	236 ton/hr. 531,000 ton/yr	NA
9. HMA RAP Bins (2)	TBD	TBD	TBD	TBD	TBD	NA	140 ton/hr. 315,000 ton/yr	NA
10. HMA RAP Bin Conveyor	TBD	TBD	TBD	TBD	TBD	NA	140 ton/hr. 315,000 ton/yr	NA
11. HMA RAP Screen	TBD	TBD	TBD	TBD	TBD	NA	140 ton/hr. 315,000 ton/yr	NA
12. HMA RAP Transfer Conveyor	TBD	TBD	TBD	TBD	TBD	NA	140 ton/hr. 315,000 ton/yr	NA
13. HMA RAP Transfer Conveyor	TBD	TBD	TBD	TBD	TBD	NA	140 ton/hr. 315,000 ton/yr	NA
14. HMA Mineral Filler Silo w/ Baghouse and Auger	TBD	TBD	TBD	TBD	TBD	NA	6 ton/hr. 13,500 ton/yr	NA
15. HMA Drum Dryer/Mixer	TBD	TBD	TBD	TBD	TBD	NA	400 ton/hr 900,000 ton/yr	Fuel Oil, Natural Gas, or Propane
16. HMA Drum Dryer/Mixer Baghouse	TBD	TBD	TBD	TBD	TBD	NA	32,000 ACFM	NA
17. HMA Asphalt Incline Conveyor	TBD	TBD	TBD	TBD	TBD	NA	400 ton/hr 900,000 ton/yr	NA
18. HMA Asphalt Silos (6)	TBD	TBD	TBD	TBD	TBD	NA	400 ton/hr 900,000 ton/yr	NA
19. HMA Main Generator	TBD	TBD	TBD	TBD	TBD	NA	1502 hp	Low Sulfur Diesel

1. Basis for Equipment Size or Process Rate (Manufacturers data, Field Observation/Test, etc.) Throughput for cold aggregate, RAP, and mineral filler processing equipment is based on an asphalt concrete mix ratio of 57.5% aggregate / 35% RAP / 1.5% mineral filler. This ratio will change with different asphalt concrete mixes and is not a requested limit on throughput of cold aggregate, RAP, or mineral filler.

Submit information for each unit as an attachment

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)

PROCESS EQUIPMENT TABLE

(Generator-Crusher-Screen-Conveyor-Boiler-Mixer-Spray Guns-Saws-Sander-Oven-Dryer-Furnace-Incinerator, etc.) Match the Process Equipment Units listed on this Table to the same numbered line if also listed on Emissions & Stack Table (page 6).

Process Equipment Unit	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date	Size or Process Rate (Hp;kW;Btu;ft ³ ;lbs; tons;yd ³ ;etc.)	Fuel Type
20. HMA Standby Generator	TBD	TBD	TBD	TBD	TBD	NA	200 hp	Low Sulfur Diesel
21. HMA Asphalt Heater	TBD	TBD	TBD	TBD	TBD	NA	2.5 MMBtu/hr 21,900 MMBtu/yr	Low Sulfur Diesel or NG/Propane
22. HMA Asphalt Cement Storage Tanks (2)	TBD	TBD	TBD	TBD	TBD	NA	5206 gal/hr. 11,713,666 gal/yr	NA
23. Haul Road Traffic	NA	NA	NA	NA	TBD	NA	32 trucks/hr 72,000 trucks/yr	NA
24. HMA Yard	NA	NA	NA	NA	TBD	NA	400 ton/hr 900,000 ton/yr	NA
25. Raw RAP Storage Pile	NA	NA	NA	NA	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
26. RAP Crusher Plant Feeders (2)	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
27. RAP Crusher Plant Primary Crusher	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
28. RAP Crusher Plant Crusher Conveyor	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
29. RAP Crusher Plant Surge Bin	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
30. RAP Crusher Plant Transfer Conveyor	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
31. RAP Crusher Plant Screen	TBD	TBD	TBD	TBD	TBD	NA	480 ton/hr. 504,000 ton/yr	NA
32. RAP Crusher Plant Secondary Crusher	TBD	TBD	TBD	TBD	TBD	NA	180 ton/hr. 189,000 ton/yr	NA
33. RAP Crusher Plant Transfer Conveyor	TBD	TBD	TBD	TBD	TBD	NA	180 ton/hr. 189,000 ton/yr	NA
34. RAP Crusher Plant Transfer Conveyor	TBD	TBD	TBD	TBD	TBD	NA	180 ton/hr. 189,000 ton/yr	NA
35. RAP Crusher Plant Transfer Conveyor	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
36. RAP Crusher Plant Transfer Conveyor	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
37. RAP Crusher Plant Transfer Conveyor	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
38. RAP Crusher Plant Stacker Conveyor	TBD	TBD	TBD	TBD	TBD	NA	300 ton/hr. 315,000 ton/yr	NA
39. RAP Crusher Plant Main Generator	TBD	TBD	TBD	TBD	TBD	NA	817 hp	Low Sulfur Diesel

1. Basis for Equipment Size or Process Rate (Manufacturers data, Field Observation/Test, etc.) The RAP plant throughput is based on 300 tons per hour input to the feeders. The RAP plant will have two (2) feeders, but the total hourly input to the plant will still be limited to 300 tons per hour. The process throughput to the secondary crusher and downstream conveyors from the crusher is 60 percent of the RAP plant throughput or 180 tons per hour.

Submit information for each unit as an attachment

UNCONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8,760 hrs)

Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers data, etc.)
1. HMA Cold Aggregate/RAP Storage Pile	1. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.7 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed
	1a. tons/yr	tons/yr	tons/yr	tons/yr	7.6 tons/yr	
2. HMA Cold Aggregate Feed Bin Loading	2. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.1 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed
	2a. tons/yr	tons/yr	tons/yr	tons/yr	4.8 tons/yr	
3. HMA Cold Aggregate Feed Bin Unloading	3. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.69 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	3a. tons/yr	tons/yr	tons/yr	tons/yr	3.0 tons/yr	
4. HMA Scalping Screen	4. lbs/hr	lbs/hr	lbs/hr	lbs/hr	5.8 lbs/hr	AP-42 Table 11.19.2-2 "Screening Uncontrolled"
	4a. tons/yr	tons/yr	tons/yr	tons/yr	25 tons/yr	
5. HMA Scalping Screen Unloading to Scalping Screen Conveyor	5. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.69 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	5a. tons/yr	tons/yr	tons/yr	tons/yr	3.0 tons/yr	
6. HMA Pug Mill	6. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.71 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	6a. tons/yr	tons/yr	tons/yr	tons/yr	3.1 tons/yr	
7. HMA Pug Mill Unload to Scale Conveyor	7. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.71 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	7a. tons/yr	tons/yr	tons/yr	tons/yr	3.1 tons/yr	
8. HMA Scale Conveyor to Slinger Conveyor	8. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.71 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	8a. tons/yr	tons/yr	tons/yr	tons/yr	3.1 tons/yr	
9. HMA RAP Bin Loading	9. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.20 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed plus inherent control of 70% from EPA EIIP Volume II, Chapter 3
	9a. tons/yr	tons/yr	tons/yr	tons/yr	0.87 tons/yr	
10. HMA RAP Bin Unloading to RAP Bin Conveyor	10. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	10a. tons/yr	tons/yr	tons/yr	tons/yr	1.8 tons/yr	
Totals of Uncontrolled Emissions (1 - 10)	lbs/hr	lbs/hr	lbs/hr	lbs/hr	13 lbs/hr	
	tons/yr	tons/yr	tons/yr	tons/yr	56 tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 10 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet. Copy this Table if additional space is needed (begin numbering with 11., 12., etc.)

* If all of these process units, individually and in combination, have an uncontrolled emission less than or equal to (\leq) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8760 hrs of operation), but > 1 ton/yr for any of the above pollutants - then a source registration is required.

If your facility does not require a registration or permit, based on above emissions, complete the remainder of this application to determine if a registration or permit would be required for Toxic or Hazardous air pollutants used at your facility.

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UNCONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8,760 hrs)

Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers data, etc.)
11a. HMA RAP Screen	11a. lbs/hr	lbs/hr	lbs/hr	lbs/hr	3.5 lbs/hr	AP-42 Table 11.19.2-2 "Screening Uncontrolled"
	11aa. tons/yr	tons/yr	tons/yr	tons/yr	15 tons/yr	
11b. HMA RAP Screen Unloading to RAP Transfer Conveyor	11b. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	11ba. tons/yr	tons/yr	tons/yr	tons/yr	1.8 tons/yr	
12. HMA RAP Transfer Conveyor to RAP Transfer Conveyor	12. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	12a. tons/yr	tons/yr	tons/yr	tons/yr	1.8 tons/yr	
13. HMA RAP Transfer Conveyor to Drum Mixer	13. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	13a. tons/yr	tons/yr	tons/yr	tons/yr	1.8 tons/yr	
14. HMA Mineral Filler Silo Loading	14. lbs/hr	lbs/hr	lbs/hr	lbs/hr	18 lbs/hr	AP-42 Section 11.12 "Concrete Batching" Table 11.12-2 "Cement Unloading to Elevated Storage Silo"
	14a. tons/yr	tons/yr	tons/yr	tons/yr	19 tons/yr	
15. HMA Drum Mixer/Dryer	15. 52 lbs/hr	22 lbs/hr	13 lbs/hr	23 lbs/hr	11200 lbs/hr	AP-42 Section 11.1 "Hot Mix Asphalt Plants" Table 11.1-3, -4, -7, -8
	15a. 228 tons/yr	96 tons/yr	56 tons/yr	102 tons/yr	49056 tons/yr	
17. HMA Drum Mixer Unloading to Asphalt Incline Conveyor	17. 0.47 lbs/hr	lbs/hr	4.9 lbs/hr	lbs/hr	0.23 lbs/hr	AP-42 Section 11.1 "Hot Mix Asphalt Plants" Table 11.1-14
	17a. 2.1 tons/yr	tons/yr	21 tons/yr	tons/yr	1.0 tons/yr	
18. HMA Asphalt Silo Unloading to Trucks	18. 0.54 lbs/hr	lbs/hr	1.7 lbs/hr	lbs/hr	0.21 lbs/hr	AP-42 Section 11.1 "Hot Mix Asphalt Plants" Table 11.1-14
	18a. 2.4 tons/yr	tons/yr	7.3 tons/yr	tons/yr	0.91 tons/yr	
19. HMA Main Plant Generator	19. 8.6 lbs/hr	15.9 lbs/hr	1.6 lbs/hr	0.53 lbs/hr	0.50 lbs/hr	EPA Tier II Emission Limits – NOx, CO, VOC, PM SO2 – Mass Balance
	19a. 38 tons/yr	70 tons/yr	7.0 tons/yr	2.3 tons/yr	2.2 tons/yr	
20. HMA Standby Generator	20. 3.7 lbs/hr	3.0 lbs/hr	0.44 lbs/hr	0.072 lbs/hr	0.18 lbs/hr	EPA Tier I Emission Limits – NOx, CO, VOC, PM SO2 – Mass Balance
	20a. 16 tons/yr	13 tons/yr	1.9 tons/yr	0.32 tons/yr	0.77 tons/yr	
21. HMA Asphalt Heater	21. 0.20 lbs/hr	0.39 lbs/hr	0.027 lbs/hr	0.14 lbs/hr	0.039 lbs/hr	AP-42 1.3 (9/98) "Diesel" or AP-42 1.5 (7/08) "Natural Gas/Propane"
	21a. 0.90 tons/yr	1.7 tons/yr	0.12 tons/yr	0.61 tons/yr	0.17 tons/yr	
22. HMA Asphalt Cement Storage Tanks	22. lbs/hr	lbs/hr	0.037 lbs/hr	lbs/hr	lbs/hr	TANKS 4.0.9d
	22a. tons/yr	tons/yr	0.16 tons/yr	tons/yr	tons/yr	
23. Haul Road Traffic	23. lbs/hr	lbs/hr	lbs/hr	lbs/hr	25 lbs/hr	AP-42 13.2.2 "Unpaved Road" (11/06), AP-42 13.2.1 "Paved Road" (01/11)
	23a. tons/yr	tons/yr	tons/yr	tons/yr	88 tons/yr	
Totals of Uncontrolled Emissions (11 - 23)	66 lbs/hr	41 lbs/hr	21 lbs/hr	24 lbs/hr	11249 lbs/hr	
	287 tons/yr	181 tons/yr	94 tons/yr	105 tons/yr	49125 tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 10 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet. Copy this Table if additional space is needed (begin numbering with 11., 12., etc.)

* If all of these process units, individually and in combination, have an uncontrolled emission less than or equal to (≤) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8760 hrs of operation), but > 1 ton/yr for any of the above pollutants - then a source registration is required.

If your facility does not require a registration or permit, based on above emissions, complete the remainder of this application to determine if a registration or permit would be required for Toxic or Hazardous air pollutants used at your facility.

UNCONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8,760 hrs)

Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers data, etc.)
24. HMA Yard	24. 0.14 lbs/hr	lbs/hr	0.44 lbs/hr	lbs/hr	lbs/hr	AP-42 Section 11.1.2.5
	24a. 0.62 tons/yr	tons/yr	1.9 tons/yr	tons/yr	tons/yr	
25. Raw RAP Storage Pile	25. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed plus inherent control of 70% from EPA EIIP Volume II, Chapter 3
	25a. tons/yr	tons/yr	tons/yr	tons/yr	1.9 tons/yr	
26. RAP Crusher Plant Feeder (2) Loading	26. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed plus inherent control of 70% from EPA EIIP Volume II, Chapter 3
	26a. tons/yr	tons/yr	tons/yr	tons/yr	1.9 tons/yr	
27. RAP Crusher Plant Primary Crusher	27. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.6 lbs/hr	AP-42 Table 11.19.2-2 "Tertiary Crushing Uncontrolled"
	27a. tons/yr	tons/yr	tons/yr	tons/yr	7.1 tons/yr	
28. RAP Crusher Plant Crusher Conveyor to Surge Bin	28. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.90 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	28a. tons/yr	tons/yr	tons/yr	tons/yr	3.9 tons/yr	
29. RAP Crusher Plant Surge Bin to Screen Conveyor	29. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.90 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	29a. tons/yr	tons/yr	tons/yr	tons/yr	3.9 tons/yr	
30. RAP Crusher Plant Screen	30. lbs/hr	lbs/hr	lbs/hr	lbs/hr	12.0 lbs/hr	AP-42 Table 11.19.2-2 "Screening Uncontrolled"
	30a. tons/yr	tons/yr	tons/yr	tons/yr	52.6 tons/yr	
31. RAP Crusher Plant Secondary Crusher	31. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.97 lbs/hr	AP-42 Table 11.19.2-2 "Tertiary Crushing Uncontrolled"
	31a. tons/yr	tons/yr	tons/yr	tons/yr	4.3 tons/yr	
32. RAP Crusher Plant Secondary Crusher to Transfer Conveyor	32. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.54 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	32a. tons/yr	tons/yr	tons/yr	tons/yr	2.4 tons/yr	
33. RAP Crusher Plant Transfer Conveyor to Transfer Conveyor	33. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.54 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	33a. tons/yr	tons/yr	tons/yr	tons/yr	2.4 tons/yr	
34. RAP Crusher Plant Transfer Conveyor to Screen Conveyor (Recycle)	34. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.54 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	34a. tons/yr	tons/yr	tons/yr	tons/yr	2.4 tons/yr	
35. RAP Crusher Plant Screen to Transfer Conveyor	35. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.90 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	35a. tons/yr	tons/yr	tons/yr	tons/yr	3.9 tons/yr	
Totals of Uncontrolled Emissions (24 - 35)	0.14 lbs/hr	lbs/hr	0.44 lbs/hr	lbs/hr	19.8 lbs/hr	
	0.62 tons/yr	tons/yr	1.9 tons/yr	tons/yr	86.6 tons/yr	

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Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers data, etc.)
36. RAP Crusher Plant Transfer Conveyor to Transfer Conveyor	36. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.90 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	36a. tons/yr	tons/yr	tons/yr	tons/yr	3.9 tons/yr	
37. RAP Crusher Plant Transfer Conveyor to Stacker Conveyor	37. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.90 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	37a. tons/yr	tons/yr	tons/yr	tons/yr	3.9 tons/yr	
38. RAP Crusher Plant Stacker Conveyor to RAP Finish Pile	38. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2.88% moisture content and 8.5 MPH wind speed plus inherent control of 70% from EPA EIIP Volume II, Chapter 3
	38a. tons/yr	tons/yr	tons/yr	tons/yr	1.9 tons/yr	
39. RAP Crusher Plant Main Generator	39. 0.49 lbs/hr	13.7 lbs/hr	0.27 lbs/hr	0.26 lbs/hr	0.85 lbs/hr	Manufacturer Emission Limits – NOx, CO, VOC, PM SO2 – Mass Balance
	39a. 2.2 tons/yr	60 tons/yr	1.2 tons/yr	1.2 tons/yr	3.7 tons/yr	
Totals of Uncontrolled Emissions (36 - 39)	0.49 lbs/hr	13.7 lbs/hr	0.27 lbs/hr	0.28 lbs/hr	3.1 lbs/hr	
	2.2 tons/yr	60 tons/yr	1.2 tons/yr	1.2 tons/yr	13.5 tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 10 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet. Copy this Table if additional space is needed (begin numbering with 11., 12., etc.)

* If all of these process units, individually and in combination, have an uncontrolled emission less than or equal to (\leq) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8760 hrs of operation), but > 1 ton/yr for any of the above pollutants - then a source registration is required.

If your facility does not require a registration or permit, based on above emissions, complete the remainder of this application to determine if a registration or permit would be required for Toxic or Hazardous air pollutants used at your facility.

Application for Air Pollutant Sources in Bernalillo County
 Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
1. HMA Cold Aggregate/RAP Storage Pile	1. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.7 lbs/hr	N/A	N/A
	1a. tons/yr	tons/yr	tons/yr	tons/yr	2.0 tons/yr		
2. HMA Cold Aggregate Feed Bin Loading	2. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.1 lbs/hr	N/A	N/A
	2a. tons/yr	tons/yr	tons/yr	tons/yr	1.2 tons/yr		
3. HMA Cold Aggregate Feed Bin Unloading	3. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.032 lbs/hr	Water spray or Moisture Content	95.33%
	3a. tons/yr	tons/yr	tons/yr	tons/yr	0.036 tons/yr		
4. HMA Scalping Screen	4. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.51 lbs/hr	Water spray or Moisture Content	91.20%
	4a. tons/yr	tons/yr	tons/yr	tons/yr	0.57 tons/yr		
5. HMA Scalping Screen Unloading to Scalping Screen Conveyor	5. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.032 lbs/hr	Water spray or Moisture Content	95.33%
	5a. tons/yr	tons/yr	tons/yr	tons/yr	0.036 tons/yr		
6. HMA Pug Mill	6. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.033 lbs/hr	Water spray or Moisture Content	95.33%
	6a. tons/yr	tons/yr	tons/yr	tons/yr	0.037 tons/yr		
7. HMA Pug Mill Unload to Scale Conveyor	7. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.033 lbs/hr	Water spray or Moisture Content	95.33%
	7a. tons/yr	tons/yr	tons/yr	tons/yr	0.037 tons/yr		
8. HMA Scale Conveyor to Slinger Conveyor	8. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.033 lbs/hr	Water spray or Moisture Content	95.33%
	8a. tons/yr	tons/yr	tons/yr	tons/yr	0.037 tons/yr		
9. HMA RAP Bin Loading	9. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.20 lbs/hr	N/A	N/A
	9a. tons/yr	tons/yr	tons/yr	tons/yr	0.22 tons/yr		
10. HMA RAP Bin Unloading to RAP Bin Conveyor	10. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.020 lbs/hr	Water spray or Moisture Content	95.33%
	10a. tons/yr	tons/yr	tons/yr	tons/yr	0.022 tons/yr		
Totals of Controlled Emissions (1 - 10)	lbs/hr	lbs/hr	lbs/hr	lbs/hr	3.7 lbs/hr		
	tons/yr	tons/yr	tons/yr	tons/yr	4.2 tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)
Control efficiency based on AP-42 emission factors [1-(controlled/uncontrolled)]
 Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
11a. HMA RAP Screen	11a. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.31 lbs/hr	Water spray or Moisture Content	91.20%
	11aa. tons/yr	tons/yr	tons/yr	tons/yr	0.35 tons/yr		
11b. HMA RAP Screen Unloading to RAP Transfer Conveyor	11b. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.020 lbs/hr	Water spray or Moisture Content	95.33%
	11ba. tons/yr	tons/yr	tons/yr	tons/yr	0.22 tons/yr		
12. HMA RAP Transfer Conveyor to RAP Transfer Conveyor	12. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.020 lbs/hr	Water spray or Moisture Content	95.33%
	12a. tons/yr	tons/yr	tons/yr	tons/yr	0.22 tons/yr		
13. HMA RAP Transfer Conveyor to Drum Mixer	13. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.020 lbs/hr	Water spray or Moisture Content	95.33%
	13a. tons/yr	tons/yr	tons/yr	tons/yr	0.22 tons/yr		
14. HMA Mineral Filler Silo Loading	14. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.18 lbs/hr	Baghouse	99%
	14a. tons/yr	tons/yr	tons/yr	tons/yr	0.049 tons/yr		
16. HMA Drum Mixer/Dryer Baghouse	16. 52 lbs/hr	22 lbs/hr	13 lbs/hr	23 lbs/hr	13 lbs/hr	Baghouse	99.88%
	16a. 59 tons/yr	25 tons/yr	14 tons/yr	26 tons/yr	15 tons/yr		
17. HMA Drum Mixer Unloading to Asphalt Incline Conveyor	17. 0.47 lbs/hr	lbs/hr	4.9 lbs/hr	lbs/hr	0.23 lbs/hr	N/A	N/A
	17a. 0.53 tons/yr	tons/yr	5.5 tons/yr	tons/yr	0.26 tons/yr		
18. HMA Asphalt Silo Unloading to Trucks	18. 0.54 lbs/hr	lbs/hr	1.7 lbs/hr	lbs/hr	0.21 lbs/hr	N/A	N/A
	18a. 0.61 tons/yr	tons/yr	1.9 tons/yr	tons/yr	0.23 tons/yr		
19. HMA Main Plant Generator	19. 8.6 lbs/hr	15.9 lbs/hr	1.6 lbs/hr	0.53 lbs/hr	0.50 lbs/hr	N/A	N/A
	19a. 17 tons/yr	32 tons/yr	3.2 tons/yr	1.6 tons/yr	1.0 tons/yr		
20. HMA Standby Generator	20. 3.7 lbs/hr	3.0 lbs/hr	0.44 lbs/hr	0.072 lbs/hr	0.18 lbs/hr	N/A	N/A
	20a. 8.9 tons/yr	7.2 tons/yr	1.0 tons/yr	0.17 tons/yr	0.42 tons/yr		
21. HMA Asphalt Heater	21. 0.20 lbs/hr	0.39 lbs/hr	0.027 lbs/hr	0.14 lbs/hr	0.039 lbs/hr	N/A	N/A
	21a. 0.90 tons/yr	1.7 tons/yr	0.12 tons/yr	0.61 tons/yr	0.17 tons/yr		
22. HMA Asphalt Cement Storage Tanks	22. lbs/hr	lbs/hr	0.037 lbs/hr	lbs/hr	lbs/hr	N/A	N/A
	22a. tons/yr	tons/yr	0.16 tons/yr	tons/yr	tons/yr		
Totals of Controlled Emissions (11 - 22)	66 lbs/hr	41 lbs/hr	21 lbs/hr	24 lbs/hr	14.9 lbs/hr		
	87 tons/yr	65 tons/yr	26 tons/yr	28 tons/yr	17.4 tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)

Unit 13 – % control efficiency is conservative estimate for silo baghouse filter; Unit 15 – % control efficiency is controlled/uncontrolled emission factors from AP-42 Section 11.1.

Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
23. Haul Road Traffic	23. lbs/hr	lbs/hr	lbs/hr	lbs/hr	4.6 lbs/hr	Unpaved Roads-Surfactants or equivalent, Paved - None	Unpaved - 90% Paved - 0.0%
	23a. tons/yr	tons/yr	tons/yr	tons/yr	4.6 tons/yr		
24. HMA Yard	24. 0.14 lbs/hr	lbs/hr	0.44 lbs/hr	lbs/hr	lbs/hr	N/A	N/A
	24a. 0.16 tons/yr	tons/yr	0.50 tons/yr	tons/yr	tons/yr		
25. Raw RAP Storage Pile	25. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	N/A	N/A
	25a. tons/yr	tons/yr	tons/yr	tons/yr	0.22 tons/yr		
26. RAP Crusher Plant Feeder (2) Loading	26. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	N/A	N/A
	26a. tons/yr	tons/yr	tons/yr	tons/yr	0.22 tons/yr		
27. RAP Crusher Plant Primary Crusher	27. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.36 lbs/hr	Water spray or Moisture Content	88.33%
	27a. tons/yr	tons/yr	tons/yr	tons/yr	0.19 tons/yr		
28. RAP Crusher Plant Crusher Conveyor to Surge Bin	28. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.042 lbs/hr	Water spray or Moisture Content	95.33%
	28a. tons/yr	tons/yr	tons/yr	tons/yr	0.022 tons/yr		
29. RAP Crusher Plant Surge Bin to Screen Conveyor	29. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.042 lbs/hr	Water spray or Moisture Content	95.33%
	29a. tons/yr	tons/yr	tons/yr	tons/yr	0.022 tons/yr		
30. RAP Crusher Plant Screen	30. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.1 lbs/hr	Water spray or Moisture Content	91.20%
	30a. tons/yr	tons/yr	tons/yr	tons/yr	0.55 tons/yr		
31. RAP Crusher Plant Secondary Crusher	31. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.22 lbs/hr	Water spray or Moisture Content	88.33%
	31a. tons/yr	tons/yr	tons/yr	tons/yr	0.11 tons/yr		
32. RAP Crusher Plant Secondary Crusher to Transfer Conveyor	32. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.025 lbs/hr	Water spray or Moisture Content	95.33%
	32a. tons/yr	tons/yr	tons/yr	tons/yr	0.013 tons/yr		
33. RAP Crusher Plant Transfer Conveyor to Transfer Conveyor	33. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.025 lbs/hr	Water spray or Moisture Content	95.33%
	33a. tons/yr	tons/yr	tons/yr	tons/yr	0.013 tons/yr		
34. RAP Crusher Plant Transfer Conveyor to Screen Conveyor (Recycle)	34. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.025 lbs/hr	Water spray or Moisture Content	95.33%
	34a. tons/yr	tons/yr	tons/yr	tons/yr	0.013 tons/yr		
Totals of Controlled Emissions (11 - 23)	0.14 lbs/hr	lbs/hr	0.44 lbs/hr	lbs/hr	7.2 lbs/hr		
	0.16 tons/yr	tons/yr	0.50 tons/yr	tons/yr	6.0 tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)
Unit 23 "Unpaved Roads" – New Mexico Environmental Department – Air Quality Bureau default control efficiency for surfactants.
Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
35. RAP Crusher Plant Screen to Transfer Conveyor	35. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.042 lbs/hr	Water spray or Moisture Content	95.33%
	35a. tons/yr	tons/yr	tons/yr	tons/yr	0.022 tons/yr		
36. RAP Crusher Plant Transfer Conveyor to Transfer Conveyor	36. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.042 lbs/hr	Water spray or Moisture Content	95.33%
	36a. tons/yr	tons/yr	tons/yr	tons/yr	0.022 tons/yr		
37. RAP Crusher Plant Transfer Conveyor to Stacker Conveyor	37. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.042 lbs/hr	Water spray or Moisture Content	95.33%
	37a. tons/yr	tons/yr	tons/yr	tons/yr	0.022 tons/yr		
38. RAP Crusher Plant Stacker Conveyor to RAP Finish Pile	38. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.25 lbs/hr	Water spray or Moisture Content	40%
	38a. tons/yr	tons/yr	tons/yr	tons/yr	0.13 tons/yr		
39. RAP Crusher Plant Main Generator	39. 0.49 lbs/hr	13.7 lbs/hr	0.27 lbs/hr	0.26 lbs/hr	0.85 lbs/hr	N/A	N/A
	39a. 0.92 tons/yr	26 tons/yr	0.51 tons/yr	0.52 tons/yr	1.6 tons/yr		
Totals of Controlled Emissions (11 - 23)	0.49 lbs/hr	13.7 lbs/hr	0.27 lbs/hr	0.28 lbs/hr	1.2 lbs/hr		
	0.92 tons/yr	26 tons/yr	0.51 tons/yr	0.52 tons/yr	1.8 tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)

Unit 38 – % control efficiency based on increasing the moisture content of the raw material based on the NMED default of 2% to a moisture content of 2.88% during processing through the RAP plant.

Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

****TOXIC EMISSIONS**

VOLATILE, HAZARDOUS, & VOLATILE HAZARDOUS AIR POLLUTANT EMISSION TABLE

Product Categories (Coatings, Solvents, Thinners, etc.)	Volatile Organic Compound (VOC), Hazardous Air Pollutant (HAP), or Volatile Hazardous Air Pollutant (VHAP) Primary To The Representative % As Purchased Product	Chemical Abstract Service Number (CAS) Of VOC, HAP, Or VHAP From Representative % As Purchased Product	VOC, HAP, Or VHAP Concentration Of Representative % As Purchased Product (pounds/gallon, or %)	1. How were Concentrations Determined (CPDS, MSDS, etc.)	Total Product Purchases For Category	(-)	Quantity Of Product Recovered & Disposed For Category	(=)	Total Product Usage For Category
I. NA	NA	NA	NA	NA	lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
II.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
III.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
IV.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
V.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
VI.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
VII.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
VIII.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
IX.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
X.					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr
TOTAL >>>>>>>					lbs/yr	(-)	lbs/yr	(=)	lbs/yr
					gal/yr		gal/yr		gal/yr

1. Basis for percent (%) determinations (Certified Product Data Sheets, Material Safety Data Sheets, etc.). Submit, as an attachment, information on one (1) product from each Category listed above which best represents the average of all the products purchased in that Category. Copy this Table if additional space is needed (begin numbering with XI., XII., etc.)

****NOTE: A REGISTRATION IS REQUIRED, AT MINIMUM, FOR ANY AMOUNT OF HAP OR VHAP EMISSION. A PERMIT MAY BE REQUIRED FOR THESE EMISSIONS, DETERMINED ON A CASE-BY-CASE EVALUATION.**

Application for Air Pollutant Sources in Bernalillo County
 Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)

MATERIAL AND FUEL STORAGE TABLE

(Tanks, barrels, silos, stockpiles, etc.) Copy this table if additional space is needed (begin numbering with 6., 7., etc.)

Storage Equipment	Product Stored	Capacity (bbls - tons gal - acres, etc)	Above or Below Ground	Construction (welded, riveted) & Color	Install Date	Loading Rate	Offloading Rate	True Vapor Pressure	Control Equipment	Seal Type	% Eff
T1.	Hot oil Asphalt Cement	30,000 gal.	Above	Welded - Silver	TBD	5000 gal 5,856,833 gal /YR	2603 gal/HR 5,856,833 gal /YR.	0.0050 Psia	NA	NA	NA
T2.	Hot oil Asphalt Cement	30,000 gal.	Above	Welded - Silver	TBD	5000 gal 5,856,833 gal /YR	2603 gal/HR 5,856,833 gal /YR.	0.0050 Psia	NA	NA	NA
T3.	Burner Fuel Oil	10,000 gal.	Above	Welded - White	TBD	3000 gal 405,000 gal/YR	360 gal/HR 405,000 gal/ YR	0.00089 Psia	NA	NA	NA
T4.	Burner Fuel Oil	10,000 gal.	Above	Welded - White	TBD	3000 gal 405,000 gal/YR	360 gal/HR 405,000 gal/ YR	0.00089 Psia	NA	NA	NA
T5.	Diesel Fuel	10,000 gal.	Above	Welded - White	TBD	3000 gal 344,076 gal/ YR	84.1 gal/HR 344,076 gal/ YR	0.00089 Psia	NA	NA	NA
1.	Cold Aggregate/ RAP Storage Piles	2.5 Acres	Above	NA	TBD	370 tons/HR 925,000 ton/ YR	370 tons/HR 925,000 ton/ YR	NA	NA	NA	NA

1. Basis for Loading/Offloading Rate (Manufacturers data, Field Observation/Test, etc.) Submit information for each unit as an attachment
Delivery truck capacity for asphalt cement and fuel deliveries

2. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.) Submit information for each unit as an attachment
No controls for storage equipment.

Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Authority-to-Construct Permits (20.11.41 NMAC)

STACK AND EMISSION MEASUREMENT TABLE

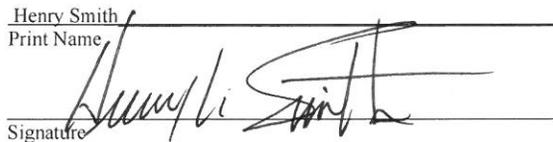
If any equipment from the Process Equipment Table (Page 2) is also listed in this Stack Table, use the same numbered line for the Process Equipment unit on both Tables to show the association between the Process Equipment and its Stack. Copy this table if additional space is needed (begin numbering with 6., 7., etc.).

Process Equipment	Pollutant (CO,NOx,TSP, Toluene,etc)	Control Equipment	Control Efficiency	Stack Height & Diameter in feet	Stack Temp.	Stack Velocity & Exit Direction	Emission Measurement Equipment Type	Range-Sensitivity-Accuracy-
14. Mineral Filler Silo Baghouse	PM	Baghouse	99%	65 ft / 1 ft	Ambient	0.86 fps / Horizontal	NA	NA
16. Drum Mixer Baghouse	CO, NOx, SO2, VOC, PM	Baghouse	99.88%	40 ft / 4.66 ft	270° F	34 fps / Horizontal	NA	NA
19. HMA Main Plant Generator	CO, NOx, SO2, VOC, PM	NA	NA	15 ft / 10 in	964° F	256.4 fps / Horizontal	NA	NA
20. HMA Standby Generator	CO, NOx, SO2, VOC, PM	NA	NA	14 ft / 6 in	800° F	120 fps / Horizontal	NA	NA
21. HMA Asphalt Heater	CO, NOx, SO2, VOC, PM	NA	NA	12 ft / 12 in	800° F	15 fps / Horizontal	NA	NA
39. RAP Plant Generator	CO, NOx, SO2, VOC, PM	NA	NA	15 ft / 8 in	892° F	218.4 fps / Horizontal	NA	NA

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test,AP-42, etc.) Submit information for each unit as an attachment
Unit 14 – % control efficiency is conservative estimate for silo baghouse filter. Unit 16 – % control efficiency is controlled/uncontrolled emission factors from AP-42 Section 11.1

I, the undersigned, a responsible officer of the applicant company, certify that to the best of my knowledge, the information stated on this application, together with associated drawings, specifications, and other data, give a true and complete representation of the existing, modified existing, or planned new stationary source with respect to air pollution sources and control equipment. I also understand that any significant omissions, errors, or misrepresentations in these data will be cause for revocation of part or all of the resulting registration or permit.

Signed this 12th day of December, 2016

Henry Smith
Print Name _____

Signature _____

Operations Manager
Print Title _____

Note: The following shall be protected as confidential if requested by applicant: Any information relating to processes or production techniques which are unique to owner/operator

Data relating to owner/operator profits and costs which have not previously been made public

Application can be mailed to address across the top front of this form (Page 1), or may be hand delivered (between the hours of 8:00am - 4:00pm Mon. through Fri.) to the same address.