ASPHALT PLANTS **FORM AQGP-107**
ASSIGNMENT TO GENERAL AIR CONTAMINANT DISCHARGE PERMITS **ANSWER SHEET**

Source Category Description:

Asphaltic concrete paving plant, stationary or portable, and associated ancillary activities, including power generators.

1. Qualifications: For each qualification statement listed below, answer "yes" or "no" in the far right column.

a.	Do the operations meet the description provided above?	
b.	Are there any other activities identified in LRAPA Title 37, Section 37-0020, Table 1?	
c.	Are there any other activities not described above that cause air pollutant emissions?	
d.	Is the facility currently in compliance with LRAPA regulations?	
e.	Have there been any violations in the last 5 years?	
f.	If there have been violations, have they been resolved?	
g.	Does the facility have the proper land use approvals? (For new sources, a Land Use Compatibility Statement (LUCS) must be attached to the application.)	
h.	Will the actual emissions be less than the permit limits?	

2. Plant Information:

a.	Type of plant (batch mix or drum mix)?	
b.	Portable plant (yes or no)?	
c.	Manufacturer of plant	
d.	Date the plant was manufactured	
e.	Date the plant began or will begin operations	
f.	Design production capacity (tons/hr)	
g.	Maximum projected annual production (tons/yr)	
h.	Type of pollution control device (i.e., baghouse, wet scrubber, venturi scrubber)	
i.	Rated pollution control device efficiency (%)	
j.	Projected operating schedule (hours per day)	
k.	Projected operating schedule (days per week)	
l.	Projected operating schedule (weeks per year)	
m.	Projected operating schedule (hours per year)	
n.	Will recycled asphalt (RAP) be used as a component of hot mix production (yes or no)?	
o.	If RAP is used, what will be the maximum amount used as a percentage of asphalt production (%)?	
p.	Will power generators be used at any time to run the plant (yes or no)? If yes, complete section 3.	

3. Power Generator Information:

	Generator 1	**Generator 2**	**Generator 3**
Manufacturer			

Model number			
Serial number			
Rated design output (kWh)			
Installation Date			
Season or year-round?			
Months per year			
Projected hours/day			
Projected maximum days/week			
Projected maximum weeks/year			
Primary fuel			
Back-up fuel			

4. Fuel Information:

Generator Fuel Usage Information	Primary Fuel	Back-up Fuel
Type/grade of fuel		
Average sulfur content (% by wt.)		
Hourly fuel usage at maximum plant production capacity (specify units/hr)		
Projected maximum annual fuel usage (units/yr)		

5. Permit Requirements:

All conditions of the General ACDP apply to stationary and portable plants, unless they are listed below. These permit conditions apply only to plants located in certain areas of the state and new plants. For each permit condition listed below, indicate whether the condition applies to your plant by writing "yes" or "no" in the appropriate column. Your answers should be based on the plant's current location. The applicability of these permit conditions may change when the plant moves to a new location. The permittee must comply with all location-specific permit conditions, regardless of the answers indicated below.

Permit condition	Applicability question:	Applies? (yes/no)
2.1.a	Were any of the equipment or processes installed on or before June 1, 1970 and is the plant operated outside of all special control areas at all times? (yes/no)	
2.1.b	Were any of the equipment or processes installed after June 1, 1970 or could the plant be operated inside of a special control area at any time? (yes/no)	
2.2.a	Were any of the equipment or processes installed on or before June 1, 1970? (yes/no)	
2.2.b	Were any of the equipment or processes installed after June 1, 1970? (yes/no)	
2.2.c & 7.9	Was the asphalt plant constructed, modified, or reconstructed after June 11, 1973? (yes/no)	

Permit condition	Applicability question:	Applies? (yes/no)
2.2.d	Is the plant operated outside of all special control areas? (yes/no)	
2.2.e	Is the plant operated inside of a special control area? (yes/no)	
2.6.a.i	Is ASTM Grade 1 distillate oil burned in any of the equipment? (yes/no)	
2.6.a.ii	Is ASTM Grade 2 distillate oil burned in any of the equipment? (yes/no)	
2.6.b	Could used oil be burned in any of the equipment? (yes/no)	
2.7	Is recycled asphalt (RAP) used? (yes/no)	
5.1.a	Is this a new or existing plant beginning operations in Oregon? (yes/no)	
5.1.b.i	Has there been a compliance source test performed within the last 5 years? (yes/no)	
5.1.b.ii	Is the answer to 5.1.b.i "no"? (yes/no)	
5.2	Is the answer to 2.6.a.i, 2.6.a.ii, or 2.6.b "yes"? (yes/no)	
7.4	Is this a new plant? (yes/no)	
7.5	Is this a portable plant? (yes/no)	

4. Maximum Projected Pollutant Emissions: Determine the maximum projected annual pollutant emissions for the equipment used at the plant.

a. Batch Plants:

Emissions device type or activity	Maximum Projected Annual Production	Pollutant	Emission Factor (EF)	Emission factor units	Emissions (tons/yr)
natural gas fired		PM – w/baghouse	0.042	lb/ton of production	
		PM_{10} – w/baghouse	0.027	lb/ton of production	
		PM – w/scrubber	0.14	lb/ton of production	
		PM_{10} – w/scrubber	0.034	lb/ton of production	
		SO_2	0.0046	lb/ton of production	
		NO_X	0.025	lb/ton of production	
		CO	0.14	lb/ton of production	
		VOC	0.0082	lb/ton of production	
oil fired		PM – w/baghouse	0.042	lb/ton of production	
		PM_{10} – w/baghouse	0.027	lb/ton of production	
		PM – w/scrubber	0.14	lb/ton of production	

Emissions device type or activity	Maximum Projected Annual Production	Pollutant	Emission Factor (EF)	Emission factor units	Emissions (tons/yr)
		PM_{10} – w/scrubber	0.034	lb/ton of production	
		SO_2	0.088	lb/ton of production	
		NO_X	0.12	lb/ton of production	
		CO	0.14	lb/ton of production	
		VOC	0.0082	lb/ton of production	

b. Drum Plants

Emissions device type or activity	Maximum Projected Annual Production	Pollutant	Emission Factor (EF)	Emission factor units	Emissions (tons/yr)
natural gas fired		PM – w/baghouse	0.033	lb/ton of production	
		PM_{10} – w/baghouse	0.023	lb/ton of production	
		PM – w/scrubber	0.045	lb/ton of production	
		PM_{10} – w/scrubber	0.027	lb/ton of production	
		SO_2	0.0034	lb/ton of production	
		NO_X	0.026	lb/ton of production	
		CO	0.07	lb/ton of production	
		VOC	0.032	lb/ton of production	
oil fired		PM – w/baghouse	0.033	lb/ton of production	
		PM_{10} – w/baghouse	0.023	lb/ton of production	
		PM – w/scrubber	0.045	lb/ton of production	
		PM_{10} – w/scrubber	0.027	lb/ton of production	
		SO_2	0.011	lb/ton of production	
		NO_X	0.055	lb/ton of production	
		CO	0.07	lb/ton of production	
		VOC	0.032	lb/ton of production	

c. Power Generators:

Emissions device type or activity	Maximum Projected Annual Fuel Uasage	Pollutant	Emission Factor (EF)	Emission factor units	Emissions (tons/yr)
Generator(s)		PM/PM_{10}	42.5	lb/1000 gallon of fuel burned	

Emissions device type or activity	Maximum Projected Annual Fuel Uasage	Pollutant	Emission Factor (EF)	Emission factor units	Emissions (tons/yr)
		SO_2	39.7	lb/1000 gallon of fuel burned	
		NO_x	604	lb/1000 gallon of fuel burned	
		CO	130	lb/1000 gallon of fuel burned	
		VOC	49.3	lb/1000 gallon of fuel burned	

Certifying Signature

I hereby apply for permission to discharge air contaminants in the State of Oregon, as stated or described in this application, and certify that the information contained in this application and the schedules and exhibits appended hereto, are true and correct to the best of my knowledge and belief.	
Name of official (Printed or Typed):	Title of official and phone number:
Signature of official: SIGN	Date: