CONCRETE MANUFACTURING **FORM AQGP-109**
ASSIGNMENT TO GENERAL AIR CONTAMINANT DISCHARGE PERMITS **ANSWER SHEET**

Source Category Description:

Stationary and portable concrete manufacturing, including ready-mix and CTB, and associated material handling activities such as storage piles, conveyors, and vehicle traffic. Other equipment may include electrical generators with internal combustion engines.

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.	Does the plant use an electrical generator(s) for power?	
d.	Do any activities other than concrete manufacturing occur at this site? (If yes, provide a brief description below.)	
e.	Is the facility currently in compliance with LRAPA regulations?	
f.	Have there been any violations in the last five years?	
g.	If there have been violations, have they been resolved?	
h.	Does the facility have the proper land use approvals? Stationary Sources must attach a completed Land Use Compatibility Statement.	

2. Additional Comments:

3. Plant Information

a.	Portable plant? (yes/no)	
b.	Date installed at current location	
c.	Manufacturer and date manufactured	
d.	Truck mixed, central mixed, or dry batch?	
e.	Plant electrical power supply (e.g., on-site generator or electric service company).	
f.	Maximum hours of operation in a day.	
g.	Maximum number of days of operation per week.	
h.	Maximum number weeks of operation per year.	
i.	Design production capacity (cubic yards/hour):	
j..	Projected maximum (cubic yards/year)	

k. Dust Control Information: You will be required to control dust at the plant site, including dust from product manufacture, receipt, movement, and loading of materials, and dust from interior and access roads. Describe how you will accomplish this.

l. Waste Process Water: A permit to discharge and/or store process wastewater may be required. Do you have, or have you applied for such a permit from DEQ? (yes/no)_____

If "no", have you contacted your Eugene's water quality section? (yes/no)_____

4. Maximum Projected Pollutant Emissions: Determine the maximum projected annual pollutant emissions.

Device	Maximum Projected Annual Production	Pollutant	Emission factor	Units	Emissions (tons/yr)[1]
Concrete Mfg.	cubic yards	PM/PM_{10}	0.02	lb/cubic yard	
Generator(s)	gallons	PM/PM_{10}	42.5	lb/1000 gallons	
		SO_2	39.7	lb/1000 gallons	
		NO_x	604	lb/1000 gallons	
		CO	130	lb/1000 gallons	
		VOC	49.3	lb/1000 gallons	

[1]Maximum Projected Annual Production x Pollutant Emission Factor ÷ 2000

Example PM Calculations:

Concrete Mfg: 60,000 cubic yards of concrete produced/yr x 0.02 lb of PM/cubic yard of concrete ÷ 2000 = 0.6 tons of PM/year

Generator (50,000 gallons of fuel burned/yr ÷ 1000) x 42.5 lb of PM/1000 gallons of fuel burned ÷ 2000 = 1.1 tons of PM/year

3. 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:	Applicable (yes/no)
2.5.a	Is ASTM Grade 1 or 2 distillate oil burned in any of the equipment? (yes/no)	
2.5.b.	Is used oil burned in any of the equipment? (yes/no)	
7.3	Is this a new plant? (yes/no)	
7.4	Is this a portable plant? (yes/no)	

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: