Print Form

ROCK CRUSHERS **FORM AQGP-108**
ASSIGNMENT TO GENERAL AIR CONTAMINANT DISCHARGE PERMITS **ANSWER SHEET**

Source Category Description:

Stationary or portable Rock, Concrete or Asphalt crushing, including crushers, screens, 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 your facility operations meet the description provided above?	
b.	Are there any other activities identified in OAR 340-216-0020, Table 1?	
c.	Does the plant use an electrical generator(s) for power?	
d.	Are there any additional operations onsite, other than rock crushing? (If yes, provide a brief description below.)	
e.	Is the facility currently in compliance with DEQ regulations?	
f.	Have there been any violations in the last 5 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.	Crusher heads: (number of each) impact	
	jaw	
	cone	
	roll	
	other (specify)	
e.	Plant electrical power supply (e.g., on-site generator or electric service company). If generators are used, complete section 5.	
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 (tons/hour):	
j..	Projected maximum tons/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 Region's water quality section? (yes/no)

4. 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			

5. 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)		

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

Device	Maximum Projected Annual Production	Pollutant	Emission factor	Units	Emissions (tons/yr)[1]
Crusher	_____ tons	PM	0.041	lb/ton	0
		PM_{10}	0.02	lb/ton	0
Generator(s)	_____ gallons	PM/ PM_{10}	42.5	lb/1000 gallons	0
		SO_2	39.7	lb/1000 gallons	0
		NO_x	604	lb/1000 gallons	0
		CO	130	lb/1000 gallons	0
		VOC	49.3	lb/1000 gallons	0

[1]Maximum Projected Annual Production x Pollutant Emission Factor ÷ 2000. Example PM Calculations:

Rock crushing: 60,000 tons of rock crushed/yr x 0.041 lb of PM/ton of rock crushed ÷ 2000 = 1.2 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

7. 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)
2.1.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)	
2.1.c	Is the plant operated in Clackamas, Columbia, Mutlnomah, or Washington Counties at any time? (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)	
3.2, 3.3, & 5.2	Is the plant operated in the Medford-Ashland AQMA? (yes/no)	
5.1	Is residual or 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)	