PLANT SITE EMISSIONS DETAIL SHEET **FORM AQ401**
BASELINE **INSTRUCTIONS**

For each permit, complete one form to describe emissions from all emissions points in the baseline period for each pollutant as described in the definition of "baseline period" in LRAPA Title 12. If the facility did not operate during the baseline period and does not have an alternate baseline period approved by LRAPA, then the owner/operator should not complete this form but should instead proceed to Form AQ402, Plant Site Emissions Detail Sheet—Current/Future Operations.

Baseline emissions are calculated based on the actual production levels of the emissions points at the facility during the baseline period or alternate LRAPA-approved timeframe. If the owner/operator has already filed baseline data with LRAPA, then this form should be completed and submitted only if the owner/operator wishes to correct LRAPA's baseline data. In such an instance, the owner/operator must offer documentation explaining the cause of the proposed change. After July 1, 2010, the permittee will only have one more opportunity to revise the baseline emissions rate in accordance with the definition of "netting basis" in LRAPA Title 12. This will occur during the normally scheduled permit renewal or in conjunction with a permit modification that increases the Plant Site Emission Limit, whichever is sooner. The revised baseline emission rate may be based on the highest consecutive 12-month period during the baseline period.

If the owner/operator requires additional space to provide the information requested below, he/she should complete as many copies of the answer sheet as needed. All attachments should be labeled with the facility's name and should be numbered consecutively.

For *each* emissions point at the facility that operated during the baseline period, provide the following information:

1. Identify the emissions point.
2. Provide the annual production rate for the emissions point in the baseline period. This should reflect actual operating levels. Specify the unit of measure (e.g., tons/year).
3. Identify the pollutant(s) emitted by this emissions point in the baseline period. The owner/operator should list the pollutant(s) under column 3 on the answer sheet—one pollutant per row. If, for example, the emissions point in column 1 emitted three pollutants, then the emissions point overall would require three rows of the table.
4. Provide the annual emission factor.
5. Identify the references for the emission factors identified in column 4 (e.g., AP-42, DEQ).
6. Calculate the total annual emissions, in *tons per year*.

If the owner/operator has identified more than one emissions point on this form for a given pollutant, then the owner/operator should *summarize* the data, *by pollutant,* by adding a category of TOTAL in column 1, and completing columns 4, 8, and 9.

The example provided at the bottom of the form is for a wood fired boiler that produced 388 million lbs of steam during the baseline period. Nitrogen oxide (NO_x) emissions are calculated using a DEQ emission factor.

PLANT SITE EMISSIONS DETAIL SHEET **FORM AQ401**
BASELINE **ANSWER SHEET**

Facility Name: _____ Permit Number: _____

Emissions Data

1. Emissions Point	2. Annual Production Rate (specify units)	3. Pollutant	4. Emission Factor	5. EF reference	6. Annual Emissions (tons/yr)
Example:	387 million lbs of steam/yr	NO_x	0.31 lb NO_x/ 1000 lb of steam	DEQ	60 tons/yr