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**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY  
986 NATIONAL CENTER  
RESTON, VIRGINIA 20192**

**INDIVIDUAL COMPANY  
DATA - PROPRIETARY**

Unless authorization is granted in the section above the signature, the data furnished in this report will be treated in confidence by the Department of the Interior, except that they may be disclosed to Federal defense agencies, or to the Congress upon official request for appropriate purposes. Unless objection is made in writing to the U.S. Geological Survey, the information furnished in this report may be disclosed to the respondent's State Geological Survey (or similar State Agency).

**LIME**

┌  
└ (Please correct if name or address has changed.)

**FACSIMILE NUMBER  
1-800-543-0661**

Public reporting burden for this voluntary collection of information is estimated to average 90 MINUTES per response. A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Comments regarding this collection of information should be directed to: U.S. Geological Survey, Statistics and Information Systems Section, 988 National Center, Reston, VA 20192. **Please do not mail survey forms to this address.**

Collection of nonfuel minerals information is authorized by Public Law 96-479 and the Defense Production Act. This information is used to support executive policy decisions pertaining to emergency preparedness, national defense, and analyses for minerals legislation and industrial trends. The USGS relies on your voluntary and timely response to assure that its information is complete and accurate. Please complete and **RETURN BY MARCH 1ST** a separate form for each plant that was in operation during the calendar year in the enclosed envelope or fax to the above toll-free number. Use zero (0) when appropriate. Please do not make entries in shaded areas. Additional forms are available upon request. If you have any questions concerning completion of this form, please contact the Mineral Commodities Data Unit, U.S. Geological Survey, 985 National Center, Reston, VA 20192, Telephone (703) 648-7960.

**SECTION 1. Lime of your own production sold or used during the year.**

Report below the quantity of quicklime and hydrated lime sold or used by you from your own production including withdrawals from stocks. For each plant, report the quantity of lime shipped for sale on the open market or consumed within the company. If quicklime is shipped to another plant of the same company for hydration, report only the hydrated lime at the final point of production. Exclude regenerated lime.

**IN REPORTING QUICKLIME, DO NOT INCLUDE, AS USED BY YOU, THE QUANTITY OF QUICKLIME CONSUMED IN MAKING HYDRATED LIME. IN REPORTING HYDRATE, REPORT ONLY THE DRY WHITE POWDER, NOT MILK OF LIME.**

| Uses and Products<br>(1)                                  | Code       | Sold<br>(short tons) |                | Used<br>(short tons) |                |
|---|------------|----------------------|----------------|----------------------|----------------|
|   |            | Quicklime<br>(2)     | Hydrate<br>(3) | Quicklime<br>(4)     | Hydrate<br>(5) |
| <b>CONSTRUCTION USES:</b>                                 |            |                      |                |                      |                |
| Soil stabilization.....                                   | 101        |                      |                |                      |                |
| Asphalt.....  | 102        |                      |                |                      |                |
| Building uses (masons lime, finishing lime, etc.).....    | 103        |                      |                |                      |                |
| Other construction.....                                   | 105        |                      |                |                      |                |
| <b>TOTAL construction uses.....</b>                       | <b>109</b> |                      |                |                      |                |
| <b>METALLURGICAL USES:</b>                                |            |                      |                |                      |                |
| Steel & iron:   |            |                      |                |                      |                |
| Basic oxygen furnaces.....                                | 121        |                      |                |                      |                |
| Electric furnaces.....                                    | 122        |                      |                |                      |                |
| Other steel or iron related uses.....                     | 124        |                      |                |                      |                |
| Nonferrous metals:  |            |                      |                |                      |                |
| Ore concentration (copper, gold, silver, zinc, etc.)..... | 132        |                      |                |                      |                |
| Aluminum and bauxite.....                                 | 133        |                      |                |                      |                |
| Other metallurgy (please specify)                         | 135        |                      |                |                      |                |
| _____   | 136        |                      |                |                      |                |
| <b>TOTAL metallurgical uses.....</b>                      | <b>139</b> |                      |                |                      |                |
| <b>Refractory lime (dead-burned dolomite).....</b>        | <b>149</b> |                      |                |                      |                |

**OVER**

**SECTION 1. Lime of your own production sold or used during the year. (continued)**

| Uses and Products<br>(1)                           | Code | Sold (short tons) |                | Used (short tons) |                |
|--|------|-------------------|----------------|-------------------|----------------|
|  |      | Quicklime<br>(2)  | Hydrate<br>(3) | Quicklime<br>(4)  | Hydrate<br>(5) |
| <b>CHEMICAL AND INDUSTRIAL USES:</b>               |      |                   |                |                   |                |
| Paper and pulp.....                                | 151  |                   |                |                   |                |
| Precipitated calcium carbonate.....                | 152  |                   |                |                   |                |
| Sugar refining.....                                | 153  |                   |                |                   |                |
| Glass.....   | 154  |                   |                |                   |                |
| Magnesia.....                                      | 155  |                   |                |                   |                |
| Fertilizer (aglime and other fertilizer uses)..... | 156  |                   |                |                   |                |
| Other chemical and industrial uses.....            | 158  |                   |                |                   |                |
| <b>TOTAL</b> chemical and industrial uses.....     | 159  |                   |                |                   |                |
| <b>ENVIRONMENTAL USES:</b>                         |      |                   |                |                   |                |
| Flue gas treatment:                                |      |                   |                |                   |                |
| Utility powerplants.....                           | 161  |                   |                |                   |                |
| Incinerators.....                                  | 162  |                   |                |                   |                |
| Industrial boilers.....                            | 163  |                   |                |                   |                |
| Other.....   | 164  |                   |                |                   |                |
| Water treatment:                                   |      |                   |                |                   |                |
| Drinking.....                                      | 166  |                   |                |                   |                |
| Acid mine drainage.....                            | 167  |                   |                |                   |                |
| Wastewater.....                                    | 168  |                   |                |                   |                |
| Sludge treatment:                                  |      |                   |                |                   |                |
| Sewage.....  | 171  |                   |                |                   |                |
| Other (industrial, hazardous, etc.).....           | 172  |                   |                |                   |                |
| Other environmental.....                           | 176  |                   |                |                   |                |
| <b>TOTAL</b> environmental uses.....               | 179  |                   |                |                   |                |
| <b>GRAND TOTAL</b> (lime sold and used).....       | 199  |                   |                |                   |                |

**SECTION 2. Lime sold, by type of lime.** Report the value of lime sold f.o.b. plant, including cost of containers, if any.

| Type of lime<br>(1)                         | Code | Quicklime<br>(short tons)<br>(2) | Value<br>(dollars)<br>(3) | Hydrate<br>(short tons)<br>(4) | Value<br>(dollars)<br>(5) |
|---|------|----------------------------------|---------------------------|--------------------------------|---------------------------|
| High-calcium.....                           | 201  |                                  |                           |                                |                           |
| Dolomitic.....                              | 202  |                                  |                           |                                |                           |
| Refractory lime (dead-burned dolomite)..... | 203  |                                  |                           |                                |                           |
| <b>TOTAL</b> .....                          | 209  |                                  |                           |                                |                           |

**SECTION 3. Lime produced for your own use, by type of lime.** Report the estimated open-market value, f.o.b. plant.

| Type of lime<br>(1)                         | Code | Quicklime<br>(short tons)<br>(2) | Value<br>(dollars)<br>(3) | Hydrate<br>(short tons)<br>(4) | Value<br>(dollars)<br>(5) |
|---|------|----------------------------------|---------------------------|--------------------------------|---------------------------|
| High-calcium.....                           | 301  |                                  |                           |                                |                           |
| Dolomitic.....                              | 302  |                                  |                           |                                |                           |
| Refractory lime (dead-burned dolomite)..... | 303  |                                  |                           |                                |                           |
| <b>TOTAL</b> .....                          | 309  |                                  |                           |                                |                           |

**SECTION 4. Plant capacity.**

Please calculate individual plant data as follows: 365 days minus average days for maintenance times the average 24-hour capacity of quicklime production including quicklime converted to hydrate.

409 Plant capacity: \_\_\_\_\_ tons per year.

**Remarks:** (Any noteworthy changes in quarry, mill equipment, or plant?)

|  |     |        |                |       |          |
|--|-----|--------|----------------|-------|----------|
| Name of person to be contacted regarding this report |     |        | Tel. area code | No.   | Ext.     |
| Address  | No. | Street | City           | State | ZIP Code |

May tabulations be published which could indirectly reveal the data reported above?

Value data  (1) Yes  (2) No Other (including quantity) data  (1) Yes  (2) No

|           |       |      |
|-----------|-------|------|
| Signature | Title | Date |
|-----------|-------|------|

