



## Interoffice Communication

To R. E. Cripps  
From J. A. DeBernardi  
Date April 3, 1980  
Subject 1979 Survey on Pollution Abatement Costs and Expenditures

Enclosed per your request is the completed 1979 Bureau of Census Form MA-200 for the Lake Charles VCM plant. If there are any problems on the completed form, please contact David Pruitt at Ext. 5058.

A handwritten signature in dark ink, appearing to read "J. A. DeBernardi", with a stylized flourish at the end.

J. A. DeBernardi

br  
CC:  
RDG

CCR 000066684

DUE DATE: 60 DAYS AFTER RECEIPT OF FORM

Form Approved: O.M.B. No. 41-R280

MA-200  
21-721U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUSSURVEY ON POLLUTION ABATEMENT  
COSTS AND EXPENDITURES - 1979**Please read** the instructions  
before completing this report.RETURN  
TOBureau of the Census  
1201 East Tenth Street  
Jeffersonville, Indiana 47132

## Change of operating status

Mark (X) one if applicable

This establishment has been:

- ☐ Idle ☐ Closed  
☐ Sold - To whom? ☐ Other - Specify

NOTICE - Response to this inquiry is required by law (title 13, U.S. Code). By the same law, your report to the Census Bureau is confidential. It may be seen only by sworn Census employees and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

827614 1088 3 10 MA200  
 6 00100 00 00 1910173 2869 9200  
~~CONTINENTAL OIL CO~~ **Conoco Inc.**  
 V C M PLANT  
 1 MILE W ON OLD SPANISH TRAIL  
 WESTLAKE LA 70669

## RETURN THIS COPY

(Please correct any error in name and address including ZIP code)

Name of person to contact regarding this report

J. A. DeBernardi

Telephone

| Area code | Number   | Extensio |
|-----------|----------|----------|
| 318       | 491-5063 | -        |

## GENERAL INSTRUCTIONS

The purpose of the questionnaire is to collect total expenditures made by industry to abate pollutant emissions. The survey covers current operating costs and capital expenditures made to reduce pollution in its air, water, or solid forms.

If you cannot answer a question from your company records, please estimate the answer carefully. In particular cases, identification of abatement expenditures may require the joint efforts of your establishment's financial and engineering staff.

Report data on a calendar year basis for 1979. However, if your establishment uses a fiscal year that ends between 10/31/79 and 2/29/80, fiscal year data will be acceptable.

Answer all questions. If data based on book records are not available, carefully prepared estimates are acceptable. If your establishment did not operate for a full year, please indicate the disposition by marking the appropriate box(es) in section pertaining to "Change in Operating Status." If you have any questions regarding this report, please call (301) 763-1755.

Report all value figures in thousands of dollars.

For example:

If the value figure for the year is -

\$5,600,000 - Report as 5 6 0 0  
 \$5,600 - Report as 5 6  
 \$560 - Report as 5 6 1  
 \$499 - Mark box less than \$500 and greater than 0  
 \$0 - Report as 0 (zero)

This report is required only for the establishment specified in the address block of the report form. Do not combine this report with other establishments in your company even though both operations may jointly use the same pollution abatement facilities. When this occurs, apportion the expenditures and costs according to the rate of pollution abatement equipment utilization or the relative amounts of pollutants produced.

The MA-200 survey form has been changed for items 5, 6, 8, and 10. Please read the instructions for these items carefully.

Pollution abatement means the reduction or elimination of pollutants emitted from your property or activities. Pollution abatement includes prevention, treatment, and recycling. Treatment refers to the wide variety of techniques used to cool, detoxify, decompose, and separate-to-store or ameliorate.

Efforts to improve environmental aesthetics or employee comfort, such as landscaping or air conditioning, should not be included in the answers to this survey. Do not include purchases of motor vehicles with pollution abatement devices. The cost of such devices will be estimated by other means.

Some establishments manufacture equipment and materials, such as electrostatic precipitators or desulfurized fuels, to be sold to others for pollution abatement purposes. Current and capital expenditures for the production of such equipment and materials should not be reported.

Air pollutants are airborne substances including particulates (dust, fly ash, smoke), sulfur oxides, nitrogen oxides, carbon monoxide, hydrocarbons, odors, fluorides, lead and other heavy metals, radioactive and toxic substances.

Water pollutants are waterborne substances including phosphate, nitrates (trites), substances that generate chemical or biochemical oxygen demand, solids, acids, bases, heavy metals, radioactive and toxic substances, synthetic organic molecules, harmful microbes, oil, grease, dyes, and heat.

Solid waste includes garbage, trash, sewage sludge, dredged spoil, incinerator residue, wrecked or discarded equipment, biological and chemical wastes, radioactive and other toxic materials. Include solid waste produced as a result of air and water pollutant abatement.

## Item 1 - WHO SHOULD REPORT?

(a) NO POLLUTION ABATEMENT ACTIVITIES - Every concern receiving a report form which had no pollution abatement capital expenditures, payments to government, or annual operating costs and expenses during 1979 should answer only item 1, certify in item 12, and return form for processing. Failure to return the form will require the issuance of followup letters.

(b) POLLUTION ABATEMENT ACTIVITIES - Every concern receiving a report form which had some pollution abatement capital expenditures or payments to government or annual operating costs and expenses during 1979 is required to submit data for items 2-11 as applicable.

## Item 1 - IF NO PAYMENTS TO GOVERNMENT, CAPITAL, OR CURRENT COST INCURRED

Mark (X) in box for appropriate reason

1. ☐ No pollutants generated  
 2. ☐ Cost included in rent, taxes, lease agreement, or removal without charge or payment (such as scavenger services)

3. ☐ All costs less than \$500  
 4. ☐ Other - Specify

## Important

Before marking item 1, please review items 7 and 8 on page 2; under normal operations those expenses such as sewage fees and trash removal in excess of \$500 should be reported on this form.

CCR 000066685

# **SPECIFIC INSTRUCTIONS** **CAPITAL EXPENDITURES FOR NEW PLANT AND EQUIPMENT FOR POLLUTION ABATEMENT - 1979**

► Capital expenditures for new plant and equipment include new plant and equipment acquisitions (both replacement and expansion) and expenditures for construction in progress. Capital expenditures are those chargeable to your establishment's accounts for plant and equipment that are subject to depreciation or to amortization. Total capital expenditures for abatement include expenditures for both end-of-line techniques and changes-in-production processes.

► Item 2a - End-of-line techniques treat air pollutants after their generation in your production processes by use of separately identifiable abatement (retrofit) facilities such as dust collectors, scrubbers, precipitators, or other treatment processes. These facilities are installed exclusively for the purpose of abating pollutant emissions from your plant or property.

► Item 2b - Changes-in-production processes reduce or eliminate the generation of pollutants by employing material substitution, improved catalysts, reuse of waste or water, and equipment alteration. These changes may involve converting equipment to handle the use of substitute fuels that generate less pollutants. Item 2b refers to new plant and equipment necessary for such changes in production processes. If your establishment has made expenditures for changes-in-production processes, estimate the expenditures as the difference between expenditures on new plant and equipment that your establishment actually made for changes-in-production processes and what your establishment would have spent for comparable plant and equipment without air pollution abatement features.

► Item 2d - To estimate the impact of emission standards upon capital investment for pollution abatement in industry, it is necessary to match investment expenditures to major types of air pollutants abated. Note: Some techniques abate both sulfur oxides and particulates. If your establishment uses any of these techniques, include the expenditures for these techniques under the category "sulfur oxides."

► Item 3a - Same as item 2a, except that it refers to waste water treatment techniques such as trickling filters, settling ponds, clarifiers, oil spill dikes, and other separately identifiable treatment techniques.

► Item 3b - Same as item 2b, except that it refers to abatement of water pollutants. The purpose of pollution abatement may be achieved by converting processes and equipment to enable recycling (closed or partially closed loop systems) or to enable additional uses of water prior to discharge. Do not include capital expenditures undertaken exclusively for the purpose of insuring adequate water supply for production.

► Item 4 - Disposal of solid waste refers to the containment, transfer, or other disposal of solid wastes by means acceptable to local, State, or Federal authorities and includes sanitary or other landfill methods, incineration, and dumping in designated authorized areas. Exclude capital expenditures made for new plant and equipment designed for the disposal of salable items such as scrap metal, scrap paper, scrap wood, etc.

► Item 5 - Gross value of assets include all fixed depreciable assets for pollution abatement on the books depreciable at the end of the year. The book value represents the actual cost of assets at the time they were acquired, including cost incurred in making the assets useable (such as transportation and installation).

Included are all buildings, structures, machinery, and equipment (production, office, transportation equipment for abatement activities) for which depreciation or amortization reserves are maintained. Excluded are nondepreciable capital assets, including inventories and intangible assets such as patent rights and royalties. Also excluded are land and depletable assets such as timber and minerals rights. Report value of assets by form of pollution abated (air, water, or solid waste).

## **Item 2 - CAPITAL EXPENDITURES FOR ABATEMENT OF AIR POLLUTANTS**

| Item code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Expenditures in 1979<br>(Report in thousands of dollars) |                  |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------|-----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Mark (X) here if less than \$500 and greater than 0.     | Millions (\$000) | Thousands (000) |
| a. Report your total expenditures in 1979 for new plant and equipment designed to abate air pollutants through end-of-line techniques                                                                                                                                                                                                                                                                                                                                                        |                                                          |                  | 1010 \$ 770     |
| b. In addition or as an alternative to end-of-line techniques, did this establishment make expenditures to acquire or modify plant and equipment for changes-in-production processes to abate air pollutants?<br><input type="checkbox"/> YES<br><input checked="" type="checkbox"/> NO - Skip to c                                                                                                                                                                                          |                                                          |                  | 1040 \$ 0       |
| c. TOTAL AIR CAPITAL (Sum of lines 2a and 2b)                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |                  | 1050 \$ 770     |
| d. Distribute total expenditures (item 2c) in terms of percent by type of pollutants abated. Please give your best estimates.<br><br>For example, if you reported \$1,350,000 in item 2c, this equals the 100% in item 2d. Break this total expenditure figure into percents between the listed types of air pollutants abated.<br><br>Example<br>(1) Particulates ..... 50%<br>(2) Sulfur oxides ..... 00%<br>(3) Nitrogen oxides, etc. .... 35%<br>(4) Other ..... 15%<br>TOTAL ..... 100% |                                                          | Percentage       |                 |
| (1) Particulates                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1060                                                     | 0                |                 |
| (2) Sulfur oxides                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1070                                                     | 0                |                 |
| (3) Nitrogen oxides, hydrocarbons, carbon monoxide                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1080                                                     | 0                |                 |
| (4) Other (heavy metals, radioactive and toxic substances) - Specify                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |                  |                 |
| Vinyl Chloride Monomer                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1090                                                     | 100              |                 |
| TOTAL PERCENTAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          | 100%             |                 |

## **Item 3 - CAPITAL EXPENDITURES FOR ABATEMENT OF WATER POLLUTANTS**

| Item code                                                                                                                                                                                                                                                                                             | Expenditures in 1979<br>(Report in thousands of dollars) |                  |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------|-----------------|
|                                                                                                                                                                                                                                                                                                       | Mark (X) here if less than \$500 and greater than 0.     | Millions (\$000) | Thousands (000) |
| a. Report your total expenditures in 1979 for new plant and equipment designed to abate water pollutants through end-of-line techniques                                                                                                                                                               |                                                          |                  | 2010 \$ 1 586   |
| b. In addition or as an alternative to end-of-line techniques, did this establishment make expenditures to acquire or modify plant and equipment for changes-in-production processes to abate water pollutants?<br><input checked="" type="checkbox"/> YES<br><input type="checkbox"/> NO - Skip to c |                                                          |                  | 2040 \$ 343     |
| c. TOTAL WATER CAPITAL (Sum of lines 3a and 3b)                                                                                                                                                                                                                                                       |                                                          |                  | 2050 \$ 1 929   |

## **Item 4 - CAPITAL EXPENDITURES FOR SOLID WASTE DISPOSAL**

Report your total expenditures in 1979 on new plant and equipment designed for the disposal of solid waste

## **Item 5 - GROSS VALUE OF DEPRECIABLE ASSETS FOR POLLUTION ABATEMENT (original cost, end of year)**

| Item code                                                                                                 | Gross value of assets in 1979<br>(Report in thousands of dollars) |                  |                 |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|-----------------|
|                                                                                                           | Mark (X) here if less than \$500 and greater than 0.              | Millions (\$000) | Thousands (000) |
| Report your best estimate of the original cost of your entire plant and equipment for pollution abatement |                                                                   |                  | 3010 \$ 0       |

CCR 000066686

|                                              |             |           |            |                          |
|----------------------------------------------|-------------|-----------|------------|--------------------------|
| a. Air                                       | 3020        | 12        | 629        | <input type="checkbox"/> |
| b. Water                                     | 3030        | 3         | 748        | <input type="checkbox"/> |
| c. Solid waste                               | 3040        |           | 0          | <input type="checkbox"/> |
| <b>d. TOTAL (Sum of lines 5a through 5c)</b> | <b>3050</b> | <b>16</b> | <b>377</b> | <input type="checkbox"/> |

### SPECIFIC INSTRUCTIONS

#### COST RECOVERED THROUGH ABATEMENT ACTIVITIES - 1979

► **Item 6** - The estimate of costs recovered through abatement activities may have two parts: (1) the value of materials or energy reclaimed through abatement activities that were reused in production, and (2) revenue that was obtained from the sale of materials or energy reclaimed through abatement activities. Heat is an example of reclaimed energy. Value and revenue are net of any additional cost incurred for additional processing of materials or energy to make them reusable or salable.

Do not reduce annual costs of abatement (Item 8) by the estimate reported here.

Report cost recovered by form of pollution abated (air, water, or solid waste).

► **Item 7a** - Report all payments to governmental units for your industrial and/or sanitary sewage use. Include payments made to government for overstrength effluent charges, sewer district tax assessment, etc. Include sewage payments which are included in your local tax bill; estimate if necessary.

► **Item 7b** - Report all payments to governmental units for your solid waste collection disposal services. Included are collection costs to municipal agency (haulers) and disposal cost such as dump or burial fees at a landfill or incinerator.

#### COST OF POLLUTION ABATEMENT - Continued

► **Item 8** - Report the annual operating costs and expenses for pollution abatement incurred in 1979. Include all costs and expenses to operate and maintain plants; and equipment to abate air or water pollutants or collection disposal of solid waste, and/or services provided by private contractors.

**Note:** This item should include the operating cost for all pollution abatement equipment and processes in operation during 1979 regardless of the year the equipment was installed or the process initiated.

Do not include expenditures for pollution abatement research and development or health and safety.

Do not include interest for financing pollution abatement capital expenditures.

Include the estimated costs of materials, parts, fuel, power, labor, and depreciation (or amortization) due to the use of plant and equipment to abate air or water pollutant discharges or dispose of solid wastes. Include increased costs for fuel and power incurred to reduce pollution (for example, low sulfur fuel, increased fuel or power consumption). Include leasing costs of equipment used in abatement and cost of abatement services provided by private contractors.

If you abate pollutants (air, water, or solid waste), be sure to complete the corresponding quantity section (items 9-11).

| Item 6 - COSTS RECOVERED THROUGH ABATEMENT ACTIVITIES                                                                                                                                                                                                                                                                                                    |  | Costs recovered in 1979<br>(Report in thousands of dollars) |                                                      |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|------------------------------------------------------|-----------------|
| Report your best estimate of the value of materials or energy reclaimed (costs recovered) through pollution abatement activities and either reused in production or sold by form of pollution abated. (Exclude the value of items if they would have been recovered, sold, or reused in production in the absence of any pollution control regulations.) |  | Item code                                                   | Mark (X) here if less than \$500 and greater than 0. |                 |
|                                                                                                                                                                                                                                                                                                                                                          |  |                                                             | Millions (\$000)                                     | Thousands (000) |
| a. Air                                                                                                                                                                                                                                                                                                                                                   |  | 4010                                                        | \$                                                   | 605             |
| b. Water                                                                                                                                                                                                                                                                                                                                                 |  | 4020                                                        | \$                                                   | 0               |
| c. Solid waste                                                                                                                                                                                                                                                                                                                                           |  | 4030                                                        | \$                                                   | 0               |
| <b>d. TOTAL (Sum of lines 6a through 6c)</b>                                                                                                                                                                                                                                                                                                             |  | <b>4050</b>                                                 | <b>\$</b>                                            | <b>605</b>      |

| Item 7 - PAYMENTS TO GOVERNMENT FOR POLLUTION REMOVAL                                                   |  | Annual costs in 1979<br>(Report in thousands of dollars) |                                                      |                 |
|---------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------|------------------------------------------------------|-----------------|
| Total payments to governmental (Federal, State, county, local) units for -                              |  | Item code                                                | Mark (X) here if less than \$500 and greater than 0. |                 |
|                                                                                                         |  |                                                          | Millions (\$000)                                     | Thousands (000) |
| a. Public sewage use (If you report on this line, be sure to complete ITEM 10.)                         |  | 5010                                                     | \$                                                   | 0               |
| b. Municipal solid waste collection/disposal (If you report on this line, be sure to complete ITEM 11.) |  | 5020                                                     | \$                                                   | 0               |

| Item 8 - ANNUAL OPERATING COSTS FOR POLLUTION ABATEMENT                                                                                                                                                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Report your best estimate of the annual costs of pollution abatement activities, by kind of cost and by form of pollution abated, including services provided by private contractors (trash removal, etc.). |  |
| <b>NOTE: DO NOT reduce your estimate by costs recovered (item 6). DO NOT include the payments to governmental units (item 7).</b>                                                                           |  |

|                                                                        |  | ANNUAL COSTS IN 1979 (Report in thousand of dollars) |                 |                          |                  |                 |                          |                  |                 |                          |                  |                 |                          |
|------------------------------------------------------------------------|--|------------------------------------------------------|-----------------|--------------------------|------------------|-----------------|--------------------------|------------------|-----------------|--------------------------|------------------|-----------------|--------------------------|
| Mark (X) the box in shaded area if less than \$500 and greater than 0. |  | AIR                                                  |                 |                          | WATER            |                 |                          | SOLID WASTE      |                 |                          | TOTAL            |                 |                          |
|                                                                        |  | Millions (\$000)                                     | Thousands (000) |                          | Millions (\$000) | Thousands (000) |                          | Millions (\$000) | Thousands (000) |                          | Millions (\$000) | Thousands (000) |                          |
| a. Depreciation or amortization                                        |  |                                                      | 723             | <input type="checkbox"/> |                  | 384             | <input type="checkbox"/> |                  | 0               | <input type="checkbox"/> | 1                | 107             | <input type="checkbox"/> |
| b. Labor                                                               |  |                                                      | 237             | <input type="checkbox"/> |                  | 53              | <input type="checkbox"/> |                  | 0               | <input type="checkbox"/> |                  | 290             | <input type="checkbox"/> |
| c. Materials and supplies                                              |  |                                                      | 701             | <input type="checkbox"/> |                  | 454             | <input type="checkbox"/> |                  | 0               | <input type="checkbox"/> | 1                | 155             | <input type="checkbox"/> |
| d. Services, equipment leasing, and other costs                        |  |                                                      | 120             | <input type="checkbox"/> |                  | 0               | <input type="checkbox"/> |                  | 309             | <input type="checkbox"/> |                  | 429             | <input type="checkbox"/> |
| e. TOTAL (Sum of lines 8a through 8d)                                  |  |                                                      |                 | <input type="checkbox"/> |                  |                 | <input type="checkbox"/> |                  |                 | <input type="checkbox"/> |                  |                 | <input type="checkbox"/> |
|                                                                        |  | 1                                                    | 781             | <input type="checkbox"/> |                  | 891             | <input type="checkbox"/> |                  | 309             | <input type="checkbox"/> | 2                | 981             | <input type="checkbox"/> |

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# **SPECIFIC INSTRUCTIONS FOR TONNAGES OF POLLUTANTS REMOVED**

- ▶ **Item 9** – Report the annual total tonnages of the listed air pollutants abated during 1979. The tonnages should include all air pollutants abated during 1979 by new as well as previously existing pollution abatement equipment. If this information is not available from records, report engineering estimates where possible.
- ▶ **Item 10** – Report the annual total tonnages of the listed water pollutants during 1979. The tonnages should include all water pollutants abated during 1979 by new as well as previously existing pollution abatement equipment. If this information is not available from records, report engineering estimates where possible.
- ▶ **Item 11** – Report the annual tonnages of solid waste disposed of by means acceptable to local, State, and Federal authorities. Solid wastes disposed consists of all solid wastes including those wastes generated by air and water pollution abatement activities.

| Item 9 – AIR POLLUTANTS ABATED BY WEIGHT<br>On the basis of your best judgement estimate the total tonnages of specific air pollutants abated during 1979 by new as well as previously installed pollution abatement facilities.                                                                                                                                                                                                      | Item code | Mark (X) here if less than ½ ton and greater than 0. |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------|--------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                       |           | Tonnage abated in 1979                               |                          |
| a. Particulates                                                                                                                                                                                                                                                                                                                                                                                                                       | 9010      | 0 Tons                                               | <input type="checkbox"/> |
| b. Sulfur oxides                                                                                                                                                                                                                                                                                                                                                                                                                      | 9020      | 0 Tons                                               | <input type="checkbox"/> |
| c. Nitrogen oxides, hydrocarbons, carbon monoxide                                                                                                                                                                                                                                                                                                                                                                                     | 9030      | 11,687 Tons                                          | <input type="checkbox"/> |
| d. Other (heavy metals, radioactive and toxic substances) – <i>Specify</i><br><u>Vinyl Chloride Monomer</u>                                                                                                                                                                                                                                                                                                                           | 9040      | 6,483 Tons                                           | <input type="checkbox"/> |
| <b>Item 10 – WATER POLLUTANTS ABATED BY WEIGHT</b><br>On the basis of your best judgement, estimate the total tonnages of specific water pollutants abated during 1979 by new as well as previously installed pollution abatement facilities.                                                                                                                                                                                         |           |                                                      |                          |
| a. Total suspended solids (dry weight basis)                                                                                                                                                                                                                                                                                                                                                                                          | 9110      | 0 Tons                                               | <input type="checkbox"/> |
| b. Biochemical oxygen demand (BOD5)                                                                                                                                                                                                                                                                                                                                                                                                   | 9120      | 196 Tons                                             | <input type="checkbox"/> |
| c. Chemical oxygen demand (COD)                                                                                                                                                                                                                                                                                                                                                                                                       | 9130      | 1,303 Tons                                           | <input type="checkbox"/> |
| d. Other (oil and grease, toxic substances, etc.) – <i>Specify</i><br><u></u>                                                                                                                                                                                                                                                                                                                                                         | 9150      | 0 Tons                                               | <input type="checkbox"/> |
| <b>Item 11 – SOLID WASTE DISPOSAL BY WEIGHT</b><br>On the basis of your best judgement, estimate the tonnage of solid waste properly disposed during 1979, including those wastes generated by air and water pollution abatement activities (e.g., dust, fly ash, sludge, and contained liquids). Exclude the weight of any materials that are reclaimed and also exclude the weight of dissolved solids in the waste water effluent. |           |                                                      |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                       | 9510      | 12,717 Tons                                          | <input type="checkbox"/> |

Remarks – Suggestions for improvements in this questionnaire are solicited.

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