

# REPORT

Planning Commission Members  
March 13, 2012  
Report for Use Approval per Section 1135.09  
Prepared by Special Legal Counsel

**Special Meeting Date:** March 15, 2012

**Application:** Use Approval

**Location:** 65 Sunshine Drive  
Grove City, Ohio 43123

**Parcel IDs:** (1) 040-000901-00  
(2) 040-001252-00  
(3) 040-001251-00  
(4) 040-001247-00

**Legal Descriptions:** (1) 65 SUNSHINE DR  
GROSSMAN PLACE  
LOT 13 TO 17 INCL  
  
(2) 3921 SUNSHINE PK PL REAR  
1.356 AC  
ENTRY 1383 LOT 9  
  
(3) BROADWAY REAR  
.645 AC ENTRY 1383  
LOT 12-18-20  
  
(4) BROADWAY REAR  
.659 AC  
ENTRY 1383

**Zoning:** SD-4 (Miscellaneous)

**Current Use:** Vacant Warehouse

**Relevant Code Section(s):**

- 1135.09 Permitted Uses; Standard Industrial Classification Manual; Adoption by Reference
- 1135.09(b)(9)

**Summary:**

The proposed use of the property, as represented by representatives of the persons/entity that will be operating said use, is as follows:

- Referred to as a “Green Technology” refuse processing facility.
- Refuse materials, in the form of tire shreds (in approximately ¾” chunks or smaller) will be collected from off-site sources. These materials will be delivered by truck to the property. No whole tires will be delivered or stored on the property.
- The refuse materials will be unloaded inside the facility, within an enclosed internal receiving area. Unprocessed materials will be stored inside the structure or stored within screened areas not visible from surrounding properties unrelated by ownership.
- The refuse materials will be processed and disposed of in an enclosed system that reduces the refuse into gaseous vapors and solids through a patented reduction process. This reduction process yields several byproducts, including synthetic gas, distillate fuel, carbon and scrap steel. All materials produced at the property, including, but not limited to, synthetic gas, distillate fuel, carbon and scrap steel, will either be stored in an enclosed building or in appropriate storage containers.
- The byproducts of the reduction process will be disposed of in the following manner:
  - The synthetic gas ("Syn Gas") can be shipped and sold to customers or used on site to produce electricity for the facility with any surplus electricity generated being ported back to the local power grid as a Renewable Energy Resource.
  - The distillate fuel, resembling off-road #2 diesel, will be sold and shipped to customers including fuel blenders and marketers.
  - The carbon will be sold and shipped to customers.
  - The scrap steel will be sold to users of scrap metal.
- Any emissions from the facility will meet all applicable laws, rules and regulations.
- There will be no truck deliveries or shipments to or from the property on Sunday.

**Code Analysis:**

Although some elements of the proposed use of the property are permitted in the SD-4, Zoning District (i.e., the production of fuel and electricity), a significant element of the use (i.e., the production of carbon black) is not an included use in any of the SD-4 listed major industrial classes (i.e., 48XX, 49XX or 07XX) or in the specific enumerated uses (i.e., 2833, 2834 or 2891) set forth in Planning and Zoning Code

Section 1135.09(b)(9). Pursuant to Section 1135.09, "All uses not shown herein shall be considered by the Planning Commission, and shall thereafter recommend approval or disapproval of the use to Council for final action." This proposed use is before the Planning Commission for its review and recommendation to City Council for inclusion of uses permitted on the property as zoned SD-4, Miscellaneous.

**Planning Commission's Review:**

The uses permitted in the SD-4, Zoning District are set forth in Zoning Code Section 1135.09(b)(9) and include, in total:

- 49XX Electric, Gas and Sanitary Services
- 48XX Communication
- 2833 Medicinal Chemicals and Botanical Products
- 2834 Pharmaceutical Preparations
- 2891 Adhesives and Sealants
- 07XX Agricultural Services, Except Animal Husbandry and Horticultural Services (except 0719)

The numbers are references to the Standard Industrial Classification ("SIC") Manual of 1987. As provided in Section 1135.09: "The first two numbers denote a major grouping. The third number denotes the sub-grouping of the major groups and the fourth number denotes the particular activity in the sub-grouping."

In determining its recommendation to City Council, the proposed use must be considered in the context of the uses that are permitted in the SD-4 zoning classification. In that regard, when comparing the attributes of the uses included in the major groupings and the specific uses permitted in the SD-4, Zoning District, the proposed use compares favorably with most of the SD-4 permitted uses and is a less intense use than some of the permitted SD-4 uses. For example, the manufacturing of carbon black (SIC 2895) is a particular activity in the 289X Miscellaneous Chemical Products, sub-group in the 1987 SIC Manual. SD-4 permitted use 2891, Adhesives and Sealants, is likewise in the 289X sub-group. The particular activities 2891, Adhesives and Sealants (a permitted use) and 2895, Carbon Black (an excluded use) by their inclusion in the same sub-group, evidences their similarities.

Examples of more intense permitted SD-4, Zoning District permitted uses are the uses permitted in SIC major grouping 49XX, Electric, Gas and Sanitary Services which includes the sub-grouping 495X, Sanitary Services. The particular activities permitted in that 495X sub-group that could be considered a more intense use than the use proposed include: SIC 4952, Sewerage Systems, which would permit the treatment of sewerage; and SIC 4953, Refuse Systems, which would permit the collection and disposal of refuse.

The introduction paragraph of Zoning Code Section 1135.09 and Subsection 1135.09(b)(9), along with the referenced SIC uses, accompany this Report for your review and consideration. The SIC use, Carbon Black (2895) is also included.

**1135.09 PERMITTED USES; STANDARD INDUSTRIAL CLASSIFICATION MANUAL;  
ADOPTION BY REFERENCE.**

The permitted uses for each district are shown in the following schedule. The classification numbers refer to the classifications and their descriptions as found in the Standard Industrial Classification Manual of 1987 as prepared by the United States Government Office of Statistical Standards. The first two numbers denote a major grouping. The third number denotes the sub-grouping of the major groups and the fourth number denotes the particular activity in the sub-grouping. The schedule of permitted uses, described in the Standard Industrial Classification Manual of 1987, is hereby incorporated into the Codified Ordinances by reference, pursuant to Ohio R.C. 731.231, as fully as if set out at length herein; six copies of this Code are kept in the office of the Clerk; additional copies are available for purchase from the Clerk at cost and that schedule of uses as incorporated will not be affected by any amendments made to the Standard Industrial Classification Manual of 1987 after the effective date of Ordinance C79-74. The permitted uses are exclusive and noncumulative unless otherwise provided herein. All uses not shown herein shall be considered by the Planning Commission, and shall thereafter recommend approval or disapproval of the use to Council for final action.  
(Ord. C34-05. Passed 4-18-05.)

2005 Replacement

**(9) SD-4 MISCELLANEOUS**

- 49XX Electric, Gas and Sanitary Services**
- 48XX Communication**
- 2833 Medicinal Chemicals and Botanical Products**
- 2834 Pharmaceutical Preparations**
- 2891 Adhesives and Sealants**
- 07XX Agricultural Services, Except Animal Husbandry and Horticultural Services  
(except 0719)**

## Major Group 07.—AGRICULTURAL SERVICES

### *The Major Group as a Whole*

This major group includes establishments primarily engaged in performing soil preparation services, crop services, veterinary services, other animal services, farm labor and management services, and landscape and horticultural services, for others on a contract or fee basis. However, feedlots and poultry hatcheries operated on a contract or fee basis are included in Major Group 02.

Industry Group No.	Industry No.
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### 071 SOIL PREPARATION SERVICES

#### 0711 Soil Preparation Services

Establishments primarily engaged in land breaking, plowing, application of fertilizer, seed bed preparation, and other services for improving the soil for crop planting. Establishments primarily engaged in land clearing and earth moving for terracing and pond and irrigation construction are classified in Construction, Industry 1629.

Chemical treatment of soil for crops  
Fertilizer application for crops  
Lime spreading for crops

Plowing  
Seed bed preparation  
Weed control, crop: before planting

072

### CROP SERVICES

#### 0721 Crop Planting, Cultivating, and Protecting

Establishments primarily engaged in performing crop planting, cultivating, and protecting services. Establishments primarily engaged in complete maintenance of citrus groves, orchards, and vineyards are classified in Industry 0762. Establishments providing water for irrigation, or providing both water and irrigation services, are classified in Transportation and Public Utilities, Industry 4971.

Aerial dusting and spraying  
Bracing of orchard trees and vines  
Citrus grove cultivation services  
Cultivation services, mechanical and flame  
Detasseling of corn  
Disease control for crops, with or without fertilizing  
Dusting crops, with or without fertilizing  
Entomological service, agricultural  
Hoing  
Insect control for crops, with or without fertilizing  
Irrigation system operation services (not providing water)  
Orchard cultivation services

Planting crops, with or without fertilizing  
Pollinating  
Pruning of orchard trees and vines  
Seeding crops, with or without fertilizing  
Seeding of sprouts and twigs  
Spraying crops, with or without fertilizing  
Surgery on orchard trees and vines  
Thinning of crops, mechanical and chemical  
Trees, orchard: cultivation of  
Trees, orchard: planting, pruning, bracing, spraying, removal, and surgery  
Vineyard cultivation services  
Weed control, crop: after planting

#### 0722 Crop Harvesting, Primarily by Machine

Establishments primarily engaged in mechanical harvesting, picking, and combining of crops, and related activities, using machinery provided by the service firm. Farm labor contractors providing personnel for manual harvesting are classified in Industry 0761.

Industry Group No.	Industry No.
072	CROP SERVICES—Con.

**0722 Crop Harvesting, Primarily by Machine—Con.**

Berries, machine harvesting of  
Chopping and silo filling  
Combining, agricultural  
Cotton, machine harvesting of  
Fruits, machine harvesting of  
Grain, machine harvesting of  
Hay mowing, raking, baling, and chopping

Nuts, machine harvesting of  
Peanuts, machine harvesting of  
Sugar beets, machine harvesting of  
Sugarcane, machine harvesting of  
Threshing service  
Vegetables, machine harvesting of

**0723 Crop Preparation Services for Market, Except Cotton Ginning**

Establishments primarily engaged in performing services on crops, subsequent to their harvest, with the intent of preparing them for market or further processing. Establishments primarily engaged in buying farm products for resale to other than the general public for household consumption and which also prepare them for market or further processing are classified in Wholesale Trade. Establishments primarily engaged in stemming and redrying tobacco are classified in Manufacturing, Industry 2141.

Bean cleaning  
Corn shelling  
Cotton seed delinting  
Drying of corn, rice, hay, fruits, and vegetables  
Flax decorticating and retting  
Fruit precooling, not in connection with transportation  
Fruit vacuum cooling  
Grain cleaning  
Grain fumigation  
Grain grinding, custom  
Moss ginning

Nut hulling and shelling  
Packaging fresh or farm-dried fruits and vegetables  
Peanut shelling, custom  
Potato curing  
Seed cleaning  
Sorting, grading, and packing of fruits and vegetables  
Sweet potato curing  
Tobacco grading  
Vegetable precooling, not in connection with transportation  
Vegetable vacuum cooling

**0724 Cotton Ginning**

Establishments primarily engaged in ginning cotton.

Cotton ginning  
Cotton pickery

Gins, cotton: operation of

074

**VETERINARY SERVICES**

**0741 Veterinary Services for Livestock**

Establishments of licensed practitioners primarily engaged in the practice of veterinary medicine, dentistry, or surgery, for cattle, hogs, sheep, goats, and poultry. Establishments of licensed practitioners primarily engaged in treating all other animals are classified in Industry 0742.

Animal hospitals for livestock  
Veterinarians for livestock

Veterinary services for livestock

**0742 Veterinary Services for Animal Specialties**

Establishments of licensed practitioners primarily engaged in the practice of veterinary medicine, dentistry, or surgery, for animal specialties. Animal specialties include horses, bees, fish, fur-bearing animals, rabbits, dogs, cats, and other pets and birds, except poultry. Establishments of licensed practitioners primarily engaged in veterinary medicine for cattle, hogs, sheep, goats, and poultry are classified in Industry 0741.

Animal hospitals for pets and other animal specialties  
Pet hospitals  
Veterinarians for pets and other animal specialties

Veterinary services for pets and other animal specialties

Industry  
Group  
No. 075

Industry  
No.

**ANIMAL SERVICES, EXCEPT VETERINARY**

**0751 Livestock Services, Except Veterinary**

Establishments primarily engaged in performing services, except veterinary, for cattle, hogs, sheep, goats, and poultry. Dairy herd improvement associations are also included in this industry. Establishments primarily engaged in the fattening of cattle are classified in Industry 0211. Establishments engaged in incidental feeding of livestock as a part of holding them in stockyards for periods of less than 30 days (generally in the course of transportation) are classified in Transportation and Public Utilities, Industry 4789. Establishments primarily engaged in performing services, except veterinary, for animals, except cattle, hogs, sheep, goats, and poultry are classified in Industry 0752.

Artificial insemination services: live-  
stock  
Breeding of livestock  
Cattle spraying  
Cleaning poultry coops  
Dairy herd improvement associations  
Livestock breeding services  
Milk testing for butterfat

Pedigree record services for cattle,  
hogs, sheep, goats, and poultry  
Sheep dipping and shearing  
Showing of cattle, hogs, sheep, goats,  
and poultry  
Slaughtering, custom: for individuals  
Vaccinating livestock, except by veteri-  
narians

**0752 Animal Specialty Services, Except Veterinary**

Establishments primarily engaged in performing services, except veterinary, for pets, equines, and other animal specialties. Establishments primarily engaged in performing services other than veterinary for cattle, hogs, sheep, goats, and poultry are classified in Industry 0751. Establishments primarily engaged in training racehorses are classified in Services, Industry 7948.

Animal shelters  
Artificial insemination services: animal  
specialties  
Boarding horses  
Boarding kennels  
Breeding of animals, other than cattle,  
hogs, sheep, goats, and poultry  
Dog grooming  
Dog pounds  
Honey straining on the farm

Pedigree record services for pets and  
other animal specialties  
Showing of pets and other animal spe-  
cialties  
Training horses, except racing  
Training of pets and other animal spe-  
cialties  
Vaccinating pets and other animal spe-  
cialties, except by veterinarians

076

**FARM LABOR AND MANAGEMENT SERVICES**

**0761 Farm Labor Contractors and Crew Leaders**

Establishments primarily engaged in supplying labor for agricultural production or harvesting. Establishments primarily engaged in machine harvesting are classified in Industry 0722.

Crew leaders, farm labor: contract

Farm labor contractors

**0762 Farm Management Services**

Establishments primarily engaged in providing farm management services, including management or complete maintenance of citrus groves, orchards; and vineyards. Such activities may include cultivating, harvesting, or other specialized activities, but establishments primarily engaged in performing such services without farm management services are classified in the appropriate specific industry within Industry Group 072.

Citrus grove management and mainte-  
nance, with or without crop services  
Farm management services  
Orchard management and mainte-  
nance, with or without crop services

Vineyard management and mainte-  
nance, with or without crop services

Industry  
Group  
No. 078

Industry  
No.

## LANDSCAPE AND HORTICULTURAL SERVICES

### 0781 Landscape Counseling and Planning

Establishments primarily engaged in landscape planning and in performing landscape architectural and counseling services.

Garden planning  
Horticultural advisory or counseling  
services

Landscape architects  
Landscape counseling  
Landscape planning

### 0782 Lawn and Garden Services

Establishments primarily engaged in performing a variety of lawn and garden services. Establishments primarily engaged in the installation of artificial turf are classified in Construction, Industry 1799.

Bermuda sprigging services  
Cemetery upkeep, independent  
Garden maintenance  
Garden planting  
Lawn care  
Lawn fertilizing services  
Lawn mowing services  
Lawn mulching services

Lawn seeding services  
Lawn spraying services  
Lawn sprigging services  
Mowing highway center strips and  
edges  
Seeding highway strips  
Sod laying  
Turf installation, except artificial

### 0783 Ornamental Shrub and Tree Services

Establishments primarily engaged in performing a variety of ornamental shrub and tree services. Establishments primarily engaged in forestry services are classified in Major Group 08. Establishments primarily engaged in general lawn and garden planting and maintenance are classified in Industry 0782, and those primarily engaged in performing shrub and tree services for farm crops are classified in Industry 0721.

Arborist services  
Ornamental bush planting, pruning,  
bracing, spraying, removal, and sur-  
gery  
Ornamental tree planting, pruning,  
bracing, spraying, removal, and sur-  
gery

Tree trimming for public utility lines  
Trees, ornamental: planting, pruning,  
bracing, spraying, removal, and sur-  
gery  
Utility line tree trimming services

## Major Group 48.—COMMUNICATIONS

### *The Major Group as a Whole*

This major group includes establishments furnishing point-to-point communications services, whether intended to be received aurally or visually; and radio and television broadcasting. This major group also includes establishments primarily engaged in providing paging and beeper services and those engaged in leasing telephone lines or other methods of telephone transmission, such as optical fiber lines and microwave or satellite facilities, and reselling the use of such methods to others. Establishments primarily engaged in furnishing telephone answering services are classified in Services, Industry 7389.

Industry Group No.	Industry No.
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481	<b>TELEPHONE COMMUNICATIONS</b>
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4812	<b>Radiotelephone Communications</b>
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Establishments primarily engaged in providing two-way radiotelephone communications services, such as cellular telephone services. This industry also includes establishments primarily engaged in providing telephone paging and beeper services and those engaged in leasing telephone lines or other methods of telephone transmission, such as optical fiber lines and microwave or satellite facilities, and reselling the use of such methods to others. Establishments primarily engaged in furnishing telephone answering services are classified in Services, Industry 7389.

Beeper (radio pager) communications services  
Cellular telephone services

Paging services: radiotelephone  
Radiotelephone communications

4813	<b>Telephone Communications, Except Radiotelephone</b>
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Establishments primarily engaged in furnishing telephone voice and data communications, except radiotelephone and telephone answering services. This industry also includes establishments primarily engaged in leasing telephone lines or other methods of telephone transmission, such as optical fiber lines and microwave or satellite facilities, and reselling the use of such methods to others. Establishments primarily engaged in furnishing radiotelephone communications are classified in Industry 4812, and those furnishing telephone answering services are classified in Services, Industry 7389.

Data telephone communications  
Local telephone communications, except radio telephone  
Long distance telephone communications

Voice telephone communications, except radio telephone

482	<b>TELEGRAPH AND OTHER MESSAGE COMMUNICATIONS</b>
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4822	<b>Telegraph and Other Message Communications</b>
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Establishments primarily engaged in furnishing telegraph and other nonvoical message communications services, such as cablegram, electronic mail, and facsimile transmission services.

Cablegram services  
Electronic mail services  
Facsimile transmission services  
Mailgram services  
Photograph transmission services  
Radio telegraph services

Telegram services  
Telegraph cable services  
Telegraph services  
Teletypewriter services  
Telex services

Industry  
Group  
No.      Industry  
No.  
483

**RADIO AND TELEVISION BROADCASTING STATIONS**

**4832 Radio Broadcasting Stations**

Establishments primarily engaged in broadcasting aural programs by radio to the public. Included in this industry are commercial, religious, educational, and other radio stations. Also included here are establishments primarily engaged in radio broadcasting and which produce radio program materials. Separate establishments primarily engaged in producing radio program materials are classified in Services, Industry 7922.

Radio broadcasting stations

**4833 Television Broadcasting Stations**

Establishments primarily engaged in broadcasting visual programs by television to the public, except cable and other pay television services. Included in this industry are commercial, religious, educational, and other television stations. Also included here are establishments primarily engaged in television broadcasting and which produce taped television program materials. Separate establishments primarily engaged in producing taped television program materials are classified in Services, Industry 7812. Establishments primarily engaged in furnishing cable and other pay television services are classified in Industry 4841.

Television broadcasting stations

484

**CABLE AND OTHER PAY TELEVISION SERVICES**

**4841 Cable and Other Pay Television Services**

Establishments primarily engaged in the dissemination of visual and textual television programs, on a subscription or fee basis. Included in this industry are establishments which are primarily engaged in cablecasting and which also produce taped program materials. Separate establishments primarily engaged in producing taped television or motion picture program materials are classified in Services, Industry 7812.

Cable television services  
Closed circuit television services  
Direct broadcast satellite (DBS) services  
Multipoint distribution systems (MDS) services

Satellite master antenna systems (SMATV) services  
Subscription television services

489

**COMMUNICATIONS SERVICES, NOT ELSEWHERE CLASSIFIED**

**4899 Communications Services, Not Elsewhere Classified**

Establishments primarily engaged in furnishing communications services, not elsewhere classified. Establishments primarily engaged in providing on-line information retrieval services on a contract or fee basis are classified in Services, Industry 7375.

Radar station operation  
Radio broadcasting operated by cable companies  
Satellite earth stations

Satellite or missile tracking stations, operated on a contract basis  
Tracking missiles by telemetry and photography on a contract basis

## Major Group 49.—ELECTRIC, GAS, AND SANITARY SERVICES

### *The Major Group as a Whole*

This major group includes establishments engaged in the generation, transmission, and/or distribution of electricity or gas or steam. Such establishments may be combinations of any of the above three services and also include other types of services, such as transportation, communications, and refrigeration. Water and irrigation systems, and sanitary systems engaged in the collection and disposal of garbage, sewage, and other wastes by means of destroying or processing materials, are also included. If one service of a combination system does not constitute 95 percent or more of revenues, the establishment should be classified as a combination in Industry Group 493, with the subgroup being determined by the major service supplied.

Industry Group No.	Industry No.
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#### 491 ELECTRIC SERVICES

##### 4911 Electric Services

Establishments engaged in the generation, transmission, and/or distribution of electric energy for sale.

Electric power generation, transmission, or distribution

#### 492 GAS PRODUCTION AND DISTRIBUTION

##### 4922 Natural Gas Transmission

Establishments engaged in the transmission and/or storage of natural gas for sale.

Natural gas storage  
Natural gas transmission

Pipelines, natural gas

##### 4923 Natural Gas Transmission and Distribution

Establishments engaged in both the transmission and distribution of natural gas for sale.

Natural gas transmission and distribution

##### 4924 Natural Gas Distribution

Establishments engaged in the distribution of natural gas for sale.

Natural gas distribution

##### 4925 Mixed, Manufactured, or Liquefied Petroleum Gas Production and/or Distribution

Establishments engaged in the manufacture and/or distribution of gas for sale, including mixtures of manufactured with natural gas. Establishments distributing liquefied petroleum (LP) gas in steel containers are classified in Retail Trade, Industry 5984.

Blue gas, carbureted: production and distribution

Coke oven gas, production and distribution

Coke ovens, byproduct: operated for manufacture or distribution of gas

Gas, mixed natural and manufactured: production and distribution

Liquefied petroleum (LP) gas, distribution through mains

Manufactured gas production and distribution

Synthetic natural gas from naphtha, production and distribution

Industry  
Group  
No.  
493

Industry  
No.

**COMBINATION ELECTRIC AND GAS, AND OTHER UTILITY SERVICES**

Establishments providing electric or gas services in combination with other services. Establishments are classified here only if one service does not constitute 95 percent or more of revenues.

**4931 Electric and Other Services Combined**

Establishments primarily engaged in providing electric services in combination with other services, with electric services as the major part though less than 95 percent of the total.

Electric and other services combined  
(electric less than 95 percent of total)

**4932 Gas and Other Services Combined**

Establishments primarily engaged in providing gas services in combination with other services, with gas services as the major part though less than 95 percent of the total.

Gas and other services combined (gas  
less than 95 percent of total)

**4939 Combination Utilities, Not Elsewhere Classified**

Establishments primarily engaged in providing combinations of electric, gas, and other services, not elsewhere classified.

Utilities, combination of

494

**WATER SUPPLY**

**4941 Water Supply**

Establishments primarily engaged in distributing water for sale for domestic, commercial, and industrial use. Systems distributing water primarily for irrigation service are classified in Industry 4971.

Water supply systems, except irrigation

495

**SANITARY SERVICES**

**4952 Sewerage Systems**

Establishments primarily engaged in the collection and disposal of wastes conducted through a sewer system, including such treatment processes as may be provided.

Sewerage systems

**4953 Refuse Systems**

Establishments primarily engaged in the collection and disposal of refuse by processing or destruction or in the operation of incinerators, waste treatment plants, landfills, or other sites for disposal of such materials. Establishments primarily engaged in collecting and transporting refuse without such disposal are classified in Transportation, Industry 4212.

Acid waste, collection and disposal of  
Ashes, collection and disposal of  
Dumps, operation of  
Garbage: collecting, destroying, and  
processing  
Hazardous waste material disposal sites  
Incinerator operation

Landfill, sanitary: operation of  
Radioactive waste materials, disposal of  
Refuse systems  
Rubbish collection and disposal  
Sludge disposal sites  
Street refuse systems  
Waste materials disposal at sea

Industry Group No.	Industry No.									
495		<b>SANITARY SERVICES—Con.</b>								
4959		<b>Sanitary Services, Not Elsewhere Classified</b>								
		Establishments primarily engaged in furnishing sanitary services, not elsewhere classified.								
		<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Beach maintenance cleaning</td> <td style="width: 50%;">Snowplowing</td> </tr> <tr> <td>Malaria control</td> <td>Sweeping service: road, airport, parking lot, etc.</td> </tr> <tr> <td>Mosquito eradication</td> <td>Vacuuming of airport runways</td> </tr> <tr> <td>Oil spill cleanup</td> <td></td> </tr> </table>	Beach maintenance cleaning	Snowplowing	Malaria control	Sweeping service: road, airport, parking lot, etc.	Mosquito eradication	Vacuuming of airport runways	Oil spill cleanup	
Beach maintenance cleaning	Snowplowing									
Malaria control	Sweeping service: road, airport, parking lot, etc.									
Mosquito eradication	Vacuuming of airport runways									
Oil spill cleanup										
496		<b>STEAM AND AIR-CONDITIONING SUPPLY</b>								
4961		<b>Steam and Air-Conditioning Supply</b>								
		Establishments engaged in the production and/or distribution of steam and heated or cooled air for sale.								
		<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Air-conditioning supply services</td> <td style="width: 50%;">Steam heating systems (suppliers of heat)</td> </tr> <tr> <td>Cooled air suppliers</td> <td>Steam supply systems, including geothermal</td> </tr> <tr> <td>Distribution of cooled air</td> <td></td> </tr> <tr> <td>Geothermal steam production</td> <td></td> </tr> </table>	Air-conditioning supply services	Steam heating systems (suppliers of heat)	Cooled air suppliers	Steam supply systems, including geothermal	Distribution of cooled air		Geothermal steam production	
Air-conditioning supply services	Steam heating systems (suppliers of heat)									
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Distribution of cooled air										
Geothermal steam production										
497		<b>IRRIGATION SYSTEMS</b>								
4971		<b>Irrigation Systems</b>								
		Establishments primarily engaged in operating water supply systems for the purpose of irrigation. Establishments primarily engaged in operating irrigation systems for others, but which do not themselves provide water, are classified in Agricultural Services, Industry 0721.								
		<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Impounding reservoirs, irrigation</td> <td style="width: 50%;">Water distribution or supply systems for irrigation</td> </tr> <tr> <td>Irrigation system operation</td> <td></td> </tr> </table>	Impounding reservoirs, irrigation	Water distribution or supply systems for irrigation	Irrigation system operation					
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Irrigation system operation										

**DRUGS**

This group includes establishments primarily engaged in manufacturing, fabricating, or processing medicinal chemicals and pharmaceutical products. Also included in this group are establishments primarily engaged in the grading, grinding, and milling of botanicals.

**2833 Medicinal Chemicals and Botanical Products**

Establishments primarily engaged in: (1) manufacturing bulk organic and inorganic medicinal chemicals and their derivatives and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Included in this industry are establishments primarily engaged in manufacturing agar-agar and

**STANDARD INDUSTRIAL CLASSIFICATION**

Industry  
Group  
No.  
283

Industry  
No.

**DRUGS—Con.****2833 Medicinal Chemicals and Botanical Products—Con.**

similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principals such as alkaloids from botanical drugs and herbs.

Adrenal derivatives: bulk, uncompounded  
Agar-agar (ground)  
Alkaloids and salts  
Anesthetics, in bulk form  
Antibiotics: bulk uncompounded  
Atropine and derivatives  
Barbituric acid and derivatives: bulk, uncompounded  
Botanical products, medicinal: ground, graded, and milled  
Brucine and derivatives  
Caffeine and derivatives  
Chemicals, medicinal: organic and inorganic—bulk, uncompounded  
Cinchona and derivatives  
Cocaine and derivatives  
Codeine and derivatives  
Digitoxin  
Drug grading, grinding, and milling  
Endocrine products  
Ephedrine and derivatives  
Ergot alkaloids  
Fish liver oils, refined and concentrated for medicinal use  
Gland derivatives: bulk, uncompounded  
Glycosides  
Herb grinding, grading, and milling  
Hormones and derivatives

Insulin: bulk, uncompounded  
Kelp plants  
Mercury chlorides, U.S.P.  
Mercury compounds, medicinal: organic and inorganic  
Morphine and derivatives  
N-methylpiperazine  
Oils, vegetable and animal: medicinal grade—refined and concentrated  
Opium derivatives  
Ox bile salts and derivatives: bulk, uncompounded  
Penicillin: bulk, uncompounded  
Physostigmine and derivatives  
Pituitary gland derivatives: bulk, uncompounded  
Procaine and derivatives: bulk, uncompounded  
Quinine and derivatives  
Reserpines  
Salicylic acid derivatives, medicinal grade  
Strychnine and derivatives  
Sulfa drugs: bulk, uncompounded  
Sulfonamides  
Theobromine  
Vegetable gelatin (agar-agar)  
Vitamins, natural and synthetic: bulk, uncompounded

**2834 Pharmaceutical Preparations**

Establishments primarily engaged in manufacturing, fabricating, or processing drugs in pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments are finished in the form intended for final consumption, such as ampoules, tablets, capsules, vials, ointments, medicinal powders, solutions, and suspensions. Products of this industry consist of two important lines, namely: (1) pharmaceutical preparations promoted primarily to the dental, medical, or veterinary professions, and (2) pharmaceutical preparations promoted primarily to the public.

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|---|---|
| <ul style="list-style-type: none"> <li>Adrenal pharmaceutical preparations</li> <li>Analgesics</li> <li>Anesthetics, packaged</li> <li>Antacids</li> <li>Anthelmintics</li> <li>Antibiotics, packaged</li> <li>Antihistamine preparations</li> <li>Antipyretics</li> <li>Antiseptics, medicinal</li> <li>Astringents, medicinal</li> <li>Barbituric acid pharmaceutical preparations</li> <li>Belladonna pharmaceutical preparations</li> <li>Botanical extracts: powdered, pilular, solid, and fluid, except diagnostics</li> <li>Chlorination tablets and kits (water purification)</li> <li>Cold remedies</li> <li>Cough medicines</li> <li>Cyclopropane for anesthetic use (U.S.P. par N.F.), packaged</li> </ul> | <ul style="list-style-type: none"> <li>Dermatological preparations</li> <li>Dextrose and sodium chloride injection, mixed</li> <li>Dextrose injection</li> <li>Digitals pharmaceutical preparations</li> <li>Diuretics</li> <li>Effervescent salts</li> <li>Emulsifiers, fluorescent inspection</li> <li>Emulsions, pharmaceutical</li> <li>Fever remedies</li> <li>Galenical preparations</li> <li>Hormone preparations, except diagnostics</li> <li>Insulin preparations</li> <li>Intravenous solutions</li> <li>Iodine, tincture of</li> <li>Laxatives</li> <li>Liniments</li> <li>Lip balms</li> <li>Lozenges, pharmaceutical</li> <li>Medicines, capuled or ampuled</li> <li>Nitrofurran preparations</li> </ul> |
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**MANUFACTURING**

<p>Industry Group No.</p>	<p>Industry No.</p>
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**DRUGS—Con.**

**2834 Pharmaceutical Preparations—Con.**

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| <ul style="list-style-type: none"> <li>Ointments</li> <li>Parenteral solutions</li> <li>Penicillin preparations</li> <li>Pharmaceuticals</li> <li>Pills, pharmaceutical</li> <li>Pituitary gland pharmaceutical preparations</li> <li>Poultry and animal remedies</li> <li>Powders, pharmaceutical</li> <li>Procaine pharmaceutical preparations</li> <li>Proprietary drug products</li> <li>Remedies, human and animal</li> <li>Sodium chloride solution for injection, U.S.P.</li> <li>Sodium salicylate tablets</li> <li>Solutions, pharmaceutical</li> </ul> | <ul style="list-style-type: none"> <li>Spirits, pharmaceutical</li> <li>Suppositories</li> <li>Syrups, pharmaceutical</li> <li>Tablets, pharmaceutical</li> <li>Thyroid preparations</li> <li>Tinctures, pharmaceutical</li> <li>Tranquilizers and mental drug preparations</li> <li>Vermifuges</li> <li>Veterinary pharmaceutical preparations</li> <li>Vitamin preparations</li> <li>Water decontamination or purification tablets</li> <li>Water, sterile: for injections</li> <li>Zinc ointment</li> </ul> |
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## MISCELLANEOUS CHEMICAL PRODUCTS

## 2891 Adhesives and Sealants

Establishments primarily engaged in manufacturing industrial and household adhesives, glues, caulking compounds, sealants, and linoleum, tile, and rubber cements from vegetable, animal, or synthetic plastics materials, purchased or produced in the same establishment. Establishments primarily engaged in manufacturing gelatin and sizes are classified in Industry 2899, and those manufacturing vegetable gelatin or agar-agar are classified in Industry 2833.

Adhesives	Laminating compounds
Adhesives, plastics	Mucilage
Caulking compounds	Paste, adhesive
Cement (cellulose nitrate base)	Porcelain cement, household
Cement, linoleum	Rubber cement
Cement, mending	Sealing compounds for pipe threads and joints
Epoxy adhesives	Sealing compounds, synthetic rubber and plastics
Glue, except dental: animal, vegetable, fish, casein, and synthetic resin	Wax, sealing
Iron cement, household	
Joint compounds	

## 2895 Carbon Black

Establishments primarily engaged in manufacturing carbon black (channel and furnace black). Establishments primarily engaged in manufacturing bone and lamp black are classified in Industry 2816.

Carbon black	Furnace black
Channel black	