

US EPA ARCHIVE DOCUMENT

## PHOSPHORIC ACID

### A. Commodity Summary

About 95 percent of the commercial grade wet-process phosphoric acid is used to produce fertilizers and animal feed, with a small portion used as a feedstock in chemical processing operations. Typically, the fertilizer and feed plants are co-located with the phosphoric acid facilities.<sup>1</sup> Phosphoric acid producing facilities are listed in Exhibit 1.

#### EXHIBIT 1

##### SUMMARY OF PHOSPHORIC ACID PRODUCING FACILITIES

Facility Name	Locations	Type of Operations	Potential Factors Related to Sensitive Environments
Agrico Chem	Pierce, FL Uncle Sam, LA Donaldsonville, LA	Wet Process Wet Process Wet Process	Uncertain Uncertain Uncertain
Albright & Wilson	Fernald, OH Charleston, SC	Furnace Furnace	Uncertain Uncertain
Arcadian	Geismar, LA	Wet Process	Located in 100-year floodplain, within 1 mile of wetland
Cargill	Riverview (Tampa), FL	Wet Process	Located in 100-year floodplain, located in wetland
Central Phosphates	Plant City, FL	Wet Process	Within 1 mile of wetland, located in area of karst terrain
CF Ind.	Bartow, FL	Wet Process	Uncertain
Chevron	Rock Springs, WY	Wet Process	Uncertain
Conserv	Nichols, FL	Wet Process	Within 1 mile of wetland
Farmland	Pierce (Bartow), FL	Wet Process	Within 1 mile of wetland
FMC	Carteret, NJ Lawrence, KS Newark, CA	Furnace Furnace Furnace	Uncertain Uncertain Uncertain
Gardinier, Inc.	Riverview, FL	Wet Process	Uncertain
Hydrate	Milwaukee, WI	Furnace	Uncertain
IMC	Mulberry, FL	Wet Process	Located within 1 mile of wetland

#### EXHIBIT 1 (continued)

Facility Name	Locations	Type of Operations	Potential Factors Related to Sensitive Environments
JR Simplot	Pocatello, ID	Wet Process	Located in 100-year floodplain, located in fault zone
Mobil	Pasadena, TX	Wet Process	Located in 100-year floodplain

<sup>1</sup> U.S. Environmental Protection Agency, "Phosphoric Acid Production," from Report to Congress on Special Wastes from Mineral Processing, Vol. II, Office of Solid Waste, July 1990, pp. 12-1 - 12-61.

Monsanto	Trenton, MI Augusta, GA Carondelet, MO Long Beach, CA	Furnace Furnace Furnace Furnace	Uncertain Uncertain Uncertain Uncertain
Nu West	Soda Springs (Conda), ID	Wet Process	Uncertain
Nu South	Pascagoula, MS	Wet Process	
Occidental	Jeffersonville, IN Columbia, TN White Springs, FL  Dallas, TX	Furnace Furnace Wet Process  Furnace	Uncertain Uncertain Located within 1 mile of wetland Uncertain
Royster	Palmetto (Piney Pt.), FL  Mulberry, FL	Wet Process  Wet Process	Located within 6.5 miles of endangered species habitat, within 1 mile of wetland, located in area of karst terrain  Located within 1 mile of wetland
Seminole	Bartow, FL	Wet Process	Located in endangered species habitat, located in 100-year floodplain, within 1 mile of wetland
Stauffer	Morrisville, PA Nashville, TN Richmond, CA Chicago Heights, IL Chicago, IL	Furnace Furnace Furnace Furnace Furnace	Uncertain Uncertain Uncertain Uncertain Uncertain
Texasgulf	Aurora, NC	Wet Process	Located in 100-year floodplain, located in wetland
US Agri-Chemicals Corp (USAC)	Ft. Meade, FL	Wet Process	Within 1 mile of wetland Uncertain