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Pollution Prev

Managing Hazardous Waste

*Preventing environmental  
damage from hazardous  
wastes, and restoring  
contaminated sites for all  
Californians*

Public Involvement

Cleanup

Science & Tech



State of  
California



Department of  
Toxic Substances  
Control

## **PUBLIC COMMENT PERIOD**

**(FEBRUARY 28, 2006 TO APRIL 14, 2006)**

**(HAZARDOUS WASTE PERMIT RENEWAL)**

**MCCORMICK SELPH INCORPORATED FACILITY**

**3601 Union Road, Hollister, California**

The Department of Toxic Substances Control (DTSC) invites public comments on the Draft Hazardous Waste Facility Permit renewal for McCormick Selph Incorporated, during a 45-day public comment period.

The 290-acre Facility is located approximately 3 miles southwest of Hollister, California at 3601 Union Road (see map on Page 2). The Facility is zoned for industrial use. All properties adjoining the Facility are zoned for agricultural use. If approved, the Facility will be allowed to continue storage and treatment of hazardous waste generated at the Facility. The Permit renewal will reauthorize existing hazardous waste management activities at the Facility. There will not be any expansion of the capacity of the hazardous waste management activities authorized by the Permit.

### **PUBLIC COMMENT PERIOD**

**(FEBRUARY 28, 2006, TO APRIL 14, 2006)**

All comments must be submitted by April 14, 2006, and should be addressed to:

Mr. Paul Ruffin, Project Manager  
Department of Toxic Substances Control  
8800 Cal Center Drive, Sacramento, California, 95826  
(916) 255-6677 or e-mail; [pruffin@dtsc.ca.gov](mailto:pruffin@dtsc.ca.gov)

**You are invited to a Public Hearing at 6:00 PM on Thursday,  
April 6, 2006, at the:**

**San Benito County Free Library**

**470 5th Street, Hollister, California 95023**

**(831) 636-4107**

Copies of the Draft Permit, Draft Negative Declaration, and other documents related to this project are available for review at the San Benito County Free Library and on DTSC's website at [www.dtsc.ca.gov](http://www.dtsc.ca.gov).



## Facility History

The Facility was built at this location in 1971 by Teledyne, Incorporated, which purchased McCormick Selph Associates in 1964. An Interim Status Document was issued in April 1981. Interim Status was a temporary authorization that allowed Teledyne to operate portions of the Facility in accordance with specific regulatory requirements while DTSC made a decision on whether or not to issue a Permit. A Permit to store hazardous waste in tanks and containers was issued to Teledyne Inc. in 1983. Other hazardous waste activities such as treatment in tanks, storage and treatment in surface impoundments, and thermal treatment of explosive wastes, continued under Interim Status until a new Permit was issued on July 28, 1993. As a result of internal reorganization, the corporate name for the July 1993 Permit was

Teledyne Ryan Aeronautical/ McCormick Selph Ordnance (Teledyne Ryan). In July 1999 McCormick Selph was sold and became McCormick Selph, Incorporated (MSI). In July 2003, MSI was acquired by Pacific Scientific Energetic Materials Company. The 1993 Permit expired on July 31, 2003, but it continues to be in effect while DTSC processes MSI's Permit renewal application pursuant to California Code of Regulations, title 22, section 66270.51.

MSI and its predecessor companies have manufactured explosive devices for aerospace, military, and commercial applications and produced specialty chemicals on a contract basis at the Facility since 1971. Hazardous wastes generated from these activities include solvents, toxic chemicals, metal powders, reactive compounds, explosives, flammable liquids, and corrosive solids and liquids. These hazardous wastes are treated at the MSI Facility or sent to an approved off-site treatment or disposal facility. All hazardous wastes are



generated on-site. No hazardous wastes are accepted from off-site sources.

The Draft Permit will reauthorize eight hazardous waste management units, TSU-1, TSU-2, TSU-3 (Bays A, B, C, and D), TSU-8, and mixing of two-part epoxy compounds at TSU-3 Bay D. (See Facility Map for unit locations.)

### ***Treatment and Storage Unit 1***

Treatment and Storage Unit 1 (TSU-1) is an open burn/open detonation unit and is located in the southern portion of the Facility. Explosive hazardous waste and explosive hazardous wastes contaminated with other wastes are burned or detonated in this unit. TSU-1 contains two 10-foot diameter, reinforced concrete pipes (burn tubes) which are enclosed in a reinforced, expanded mesh metal cage. The maximum capacity of TSU-1 is 500 pounds gross weight of hazardous waste per day for burning and 100 pounds Net Explosive Weight (NEW) for detonation.

### ***Treatment and Storage Unit 2***

Treatment and storage unit 2 (TSU-2) is an open burn unit for solvent wastes containing explosives and is located in the central portion of the Facility. TSU-2 consists of four sets of open, horizontal steel troughs supported by steel racks in a double boiler arrangement. The troughs are made from 55-gallon drums cut on the height axis to have a volume of 30 gallons with a 5-inch freeboard. Contaminated solvents containing relatively more water or lower volatility are placed into the upper containers. The fire is initiated remotely in the lower containers. The treatment capacity is 300 gallons per day. Residue from TSU-2 is burned at TSU-1 to ensure complete treatment of its reactivity.

### ***Treatment and Storage Unit 3***

Treatment and storage unit 3 (TSU-3) is located in the central portion of the Facility and is divided into four Bays (A, B, C, and D). Hazardous wastes are stored in containers for up to one year prior to treatment onsite or shipment to an authorized off-site facility. The types of hazardous waste treated and stored in Bay A, are caustics, cyanides, sulfides, and aqueous solutions. Bay B holds halogenated hydrocarbons, non-flammable liquids, and aqueous solution. Bay C accepts acids. Bay D holds flammable liquids, reducing

agents, metal catalysts, carbon, fuels, and combustible liquids. The maximum storage capacity of each Bay is 192 55-gallon drums. Mixing (solidification) of two-part epoxy compounds in containers is conducted at TSU-3, Bay D.

### ***Treatment and Storage Unit 8***

Treatment and Storage Unit 8 (TSU-8) treats water containing particles of explosives (referred to here as Safety Bucket Water) by natural evaporation. TSU-8 is located in the central portion of the Facility. TSU-8 consists of two evaporation troughs within a concrete secondary containment pad. Safety Bucket Water is siphoned or hand-pumped from a container transported to TSU-8 by an environmental support vehicle into the evaporation troughs. The maximum capacity of each evaporation trough is approximately 505 gallons. The treatment capacity of TSU-8 is approximately 1,100 gallons per year.

### **California Environmental Quality Act (CEQA)**

Issuance or denial of this Permit is considered a project under CEQA. To comply with CEQA requirements, DTSC must analyze the potential environmental impacts of this project. DTSC has evaluated the potential impacts of the Draft Permit renewal and determined that it will not have an adverse effect on public health or the environment. DTSC has prepared a Draft Negative Declaration for this project and will also be accepting public comments on the Draft Negative Declaration.

### **You are invited to a Public Hearing**

**April 6, 2006, at 6:00 P.M.**

**San Benito County Free Library**

**470 5th Street, Hollister, CA**

**DTSC CONTACTS:**

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**INFORMATION REPOSITORIES**

**The Administrative Record, including the application, Fact Sheet, Draft Permit, and Draft Negative Declaration are available for public review at:**

**San Benito County Library,  
470 5th Street  
Hollister, California 95023  
(831) 636-4107**

**The complete MSI Facility file is available at the Berkeley Office:**

**DTSC Berkeley Office  
700 Heinz Avenue  
Berkeley, CA 94710  
(510) 540-3800  
Call for appointment**

**NOTICE TO HEARING IMPAIRED INDIVIDUALS**

**TDD users can obtain information about the site by using the California State Relay Service (888) 877-5378. To reach the Public Participation Specialist call:**

**Jesus Cruz  
(916) 255-3315**

# McCormick Selph Facility Map with Treatment and Storage Unit locations highlighted in dark bold numbers

