



Department of
Toxic Substances
Control

*The Mission of
the Department of
Toxic Substances
Control is to
provide the
highest level of
safety, and to
protect public
health and the
environment from
toxic harm.*



State of California



California
Environmental
Protection Agency

Draft Post-Closure Permit Renewal for Techalloy Company, Incorporated Available for Public Review and Comment



Picture of Techalloy Company

The Department of Toxic Substances Control (DTSC) invites you to review and comment on a Proposed Post-Closure Permit Renewal (Permit) application for Techalloy Company, Inc., located at 2500 "A" Street, Perris, California 92570. Renewal of the Permit will transfer **corrective action** oversight from the United States Environmental Protection Agency **Consent Decree** to the DTSC **Post-Closure** Permit. The Permit also authorizes Techalloy to change their Water Quality Monitoring and Response Program because the unit no longer treats **Resource Conservation and Recovery Act (RCRA)** hazardous waste. All other conditions from the original Post-Closure Permit will remain the same.

DTSC regulates the generation, storage, treatment and disposal of hazardous waste in California. A Permit enables DTSC to effectively regulate the hazardous waste management activities at facilities. Permits are prepared after DTSC's detailed technical review, and are intended to ensure that facilities operate in a manner that protects human health and the environment.

In addition to the Draft Post-Closure Permit Renewal, DTSC proposes a Notice of Exemption under the California Environmental Quality Act.

Public Comment Period

January 10, 2008 through February 25, 2008

We invite you to review and submit comments on the Draft Post-Closure Permit Renewal for Techalloy, Company, Inc. A 45-day comment period will begin January 10, 2008 through February 25, 2008. Copies of the draft documents can be viewed at the information repositories listed on page 3 of this fact sheet. Written and e-mailed comments must be postmarked by February 25, 2008 and sent to:

Peter Bailey, P.G., Project Manager
Department of Toxic Substances Control
8800 Cal Center Drive
Sacramento, California 95826

Please e-mail comments to: Pbailey@dtsc.ca.gov

A public meeting or hearing is not scheduled for this project; however, if you feel one is warranted you can request a meeting or hearing by contacting Ms. Kim Rhodes, Public Participation Specialist, toll-free at 866-495-5651 or 916-255-3651 or by e-mail to Krhodes1@dtsc.ca.gov. In your request please indicate the reason(s) for the request and DTSC will evaluate if a meeting is warranted.



Facility Description and History

Techalloy occupies 20 acres in an industrial zoned area of Perris. Techalloy operates a plant which manufactures high-quality specialty stainless steel and nickel alloy wire for the aerospace and other related industries. The facility had three surface impoundments and a waste water treatment system (WWTS).

Prior to 1985, Techalloy evaporated their waste water in three surface impoundments that were found to have leaked contaminants to the groundwater. The facility's operation permit allowed the following hazardous constituents in the waste stream: copper cyanide, hydrochloric acid, hydrofluoric acid, nickel compounds, nitric acid, potassium permanganate, sodium dichromate, sodium dichromate, sodium hydroxide, sulfuric acid, and zinc compounds. The surface impoundments were subsequently closed and are regulated by a 10-year RCRA Post-Closure Permit.

When the surface impoundments were closed, the WWTS became operational. The WWTS was used to treat onsite waste consisting of spent plating and etching solutions through a process of precipitation, filtering, and evaporation. The liquid is evaporated through an evaporation tower and the filter cake is shipped offsite for disposal. Until recently, this process was governed by a RCRA permit. Through waste reduction and waste management changes, Techalloy was able to permit their onsite WWTS activities through the County of Riverside. The WWTS no longer treats regulated hazardous waste so Techalloy was allowed to have their RCRA permit expire. The WWTS will continue operating under Permit By Rule under joint oversight of Riverside County and DTSC for the life of the facility.

There are three groundwater plumes at the site. The metals plume and the total dissolved solids and nitrates plume are associated with the surface impoundments. The benzene, toluene, ethylbenzene, xylene plume is associated with an underground storage tank that was removed in the past. The groundwater at the site is not used for drinking water.

What does the Draft Post-Closure Permit Propose?

The Draft Post-Closure Permit Renewal prepared for Techalloy Company, Inc. Includes the following proposed general and specific requirements for operation of the facility:

- Transfer corrective action oversight from US EPA consent decree to DTSC Post-Closure Permit;
- Shorten the original Post-Closure Permit by replacing regulatory language in the Permit with regulatory references; and
- Authorize Techalloy to change their Water Quality Monitoring Response Program (WQMRP). Proposed changes to the WQMRP include:
 - ✓ Converting site status from Evaluation Monitoring to Corrective Action Monitoring;
 - ✓ Reduction in sampling from quarterly to semiannually but maintain groundwater level measurements quarterly; and Reduction of monitoring parameters.

Corrective Action

In 1988, the US EPA and Techalloy signed a Consent Decree for remediation of releases and corrective action at the facility per RCRA. Subsequent to termination of the Consent Decree, Techalloy will be under the oversight of DTSC regarding any corrective action.

In June 1998, US EPA selected a pump and treat groundwater remedy which only addressed the Metals Plume. The remedy allowed the facility to process the low flow of groundwater in the onsite treatment system. After two years with little effect on the apparently stable contaminant plume, in November 2001, US EPA allowed the facility to shut down the groundwater pump and treat systems to study the effects of the pumping on the groundwater. Groundwater extraction was discontinued in January 2002. In April 2004, Techalloy completed four years of groundwater monitoring under Corrective Measures Implementation program.

Permit Modifications

December 2, 2005, DTSC approved a class 2 permit modification that releases Techalloy from RCRA financial assurance liability requirements for operation of its WWTS.

April 25, 2006, DTSC approved a class 3 permit modification which makes a completion of corrective action determination (“termination”) for 81 of the 101 acres of property at the facility. DTSC and Techalloy entered into a Land Use Covenant to restrict future land use on the remaining 20 acre parcel to industrial/commercial use. The 81 acres is to be developed by Jennings Land Company for housing.

Enforcement History

DTSC inspects Techalloy Company, Inc. on a regular basis to ensure they are in compliance with California laws, regulations, and the Permit conditions. The results of those inspections during the past five years are listed below:

November 2005, during the inspection deterioration or malfunction of equipment showed evidence of large amount of ground squirrel activity. The facility failed to remedy any deterioration or malfunction of equipment which has been identified during the inspection.

Inspection reports are available for review at DTSC’s regional office located at 8800 Cal Center Drive, Sacramento, California 95826.

California Environmental Quality Act

Under the California Environmental Quality Act, DTSC must evaluate whether the Permit may have any significant impacts on human health and the environment. As part of this evaluation, DTSC has proposed a Notice of Exemption which concludes that the Permit will not result in any impact to human health or the environment.

You can Participate in our Permitting Decisions

DTSC encourages public participation in the decision-making process and invites the public to review and comment on the Permit. Before making a final determination on the Permit, DTSC will review and respond in writing to all public comments. A Response to Comments document will be sent to all those who submitted public comments and to those who request a copy.

A copy of the Response to Comments will also be placed in the information repositories.

Information Repository

To review the draft Permit Renewal and the NOE, please visit the following locations:

Perris Public Library

163 E San Jacinto
Perris, California 92570
(951) 657-2358

Hours:

Monday: 10 a.m. – 6 p.m.

Tuesday through Wednesday: 12 p.m. - 8 p.m.

Thursday through Saturday: 10 a.m. - 6 p.m.

Sunday: 1 p.m. – 5 p.m.

DTSC Regional Records Room

8800 Cal Center Drive
Sacramento, California 95826
(916) 255-3758

Contact: File Room - By appointment only

DTSC Regional Records Room

5796 Corporate Avenue
Cypress, California 90630
Phone: (714) 484-5300

Contact: File Room – By appointment only

DTSC Contacts

If you have any questions regarding the Permit Renewal please contact any of the individuals listed below:

Questions regarding the Draft Post-Closure Permit Renewal please contact:

Peter Bailey, P.G.

Project Manager

(916) 255-3602 or

by e-mail to Pbailey@dtsc.ca.gov

Questions regarding the Public Participation activities please contact:

Kim Rhodes

Public Participation Specialist

916-255-3651 or toll-free 1-866-495-5651

or by e-mail to Krhodes1@dtsc.ca.gov

Members of the media please contact:

Jeanne Garcia

Public Information Officer

818-551-2176 or Jgarcia1@dtsc.ca.gov

Notice to Hearing Impaired Individuals

You can obtain additional information by using the California State Relay Service at: 1-888-877-5378 (TDD). Ask them to contact Kim Rhodes at (916) 255-3651 regarding the Techalloy Company, Inc. Permit Renewal.

To review the Draft Permit Renewal and Notice of Exemption for the Techalloy Company, Inc. please visit our web site: www.dtsc.ca.gov

Glossary

Corrective Action: Changes made to bring expected future performance of a project in line with the plan or to correct the cause of a failure or design deficiency.

Consent Decree: A legal document, approved and issued by a judge, formalizing an agreement between an Agency and the parties potentially responsible for site contamination. The decree describes cleanup and other actions that the potentially responsible parties are required to perform and the costs incurred by the government that they will reimburse, together with the roles, responsibilities and enforcement options that the government may exercise in the event of non-compliance.

Post-Closure: Once an owner or operator ceases to operate a land disposal facility, the facility must close in accordance with an approved closure plan and commence post-closure care for 30 years, unless modified by the Department. Landfills generally close as a disposal facility (i.e., wastes remain in the ground after closure), whereas waste

piles and surface impoundments may attempt to close by removing all waste and waste residuals. If unsuccessful, they too must close as a landfill and conduct post-closure care. Waste cannot be removed or decontaminated during closure.

Permit By Rule: The Permit By Rule tier allows onsite treatment of non-RCRA and RCRA-exempt hazardous waste.

Resource Conservation and Recovery Act (RCRA): This law regulates ongoing operations involving the generation, transport, and treatment/storage/disposal of Hazardous Waste. Amended in 1984 by the Hazardous and Solid Waste Amendments, which established restrictions requiring the treatment of hazardous waste before disposal in landfills.

Site Map



