Fact Sheet
August, 2001

DTSC Will Hold Meeting to Discuss Investigation Results at HS Mann

DEL REY, CALIFORNIA

Public Meeting

September 20, 2001

7: 00 P.M.

Del Rey Community Center
10649 East Morro Drive
(Corner of Morro and Jefferson St.)
Del Rey, California, 93616

(559) 888-2272

The *Remedial Investigation* is available for review at the Del Rey Community Center. The office is open from 8 A.M. to 5 P.M., (closed at lunch). The Del Rey Community Center is accessible to persons with disabilities. If accomodation for the meeting is needed, please call Nathan Schumacher at 916-255-3650 by September 13, 2001.

It is DTSC's mission to protect public health and the environment from harmful exposure to hazardous substances.

State of California

California Environmental Protection Agency

Introduction

This fact sheet provides information concerning the California Environmental Protection Agency, Department of Toxic Substances Control's (DTSC) investigation of hazardous substance contamination at the former H.S. Mann Minerals and Metals facility (H. S. Mann). H. S. Mann located at 5404 South Del Rey Avenue in Del Rey. Also, DTSC invites you to attend a public meeting on September 20, 2001 to hear about DTSC's investigation and to ask questions about H.S. Mann. H.S. Mann is a 1.8-acre fenced triangular property, and is bounded on the north and east by two fruit packing companies, and the right-of-way immediately to the southwest is the abandoned Atchison Topeka and Santa Fe Railway. Also on the southwest is an orchard. Please see the map on page two.

This fact sheet includes historical background on H. S. Mann, information on the present investigation and the schedule for the cleanup. Terms in *bold italics* are defined in the glossary at the end of this fact sheet.

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.dtsc.ca.gov.

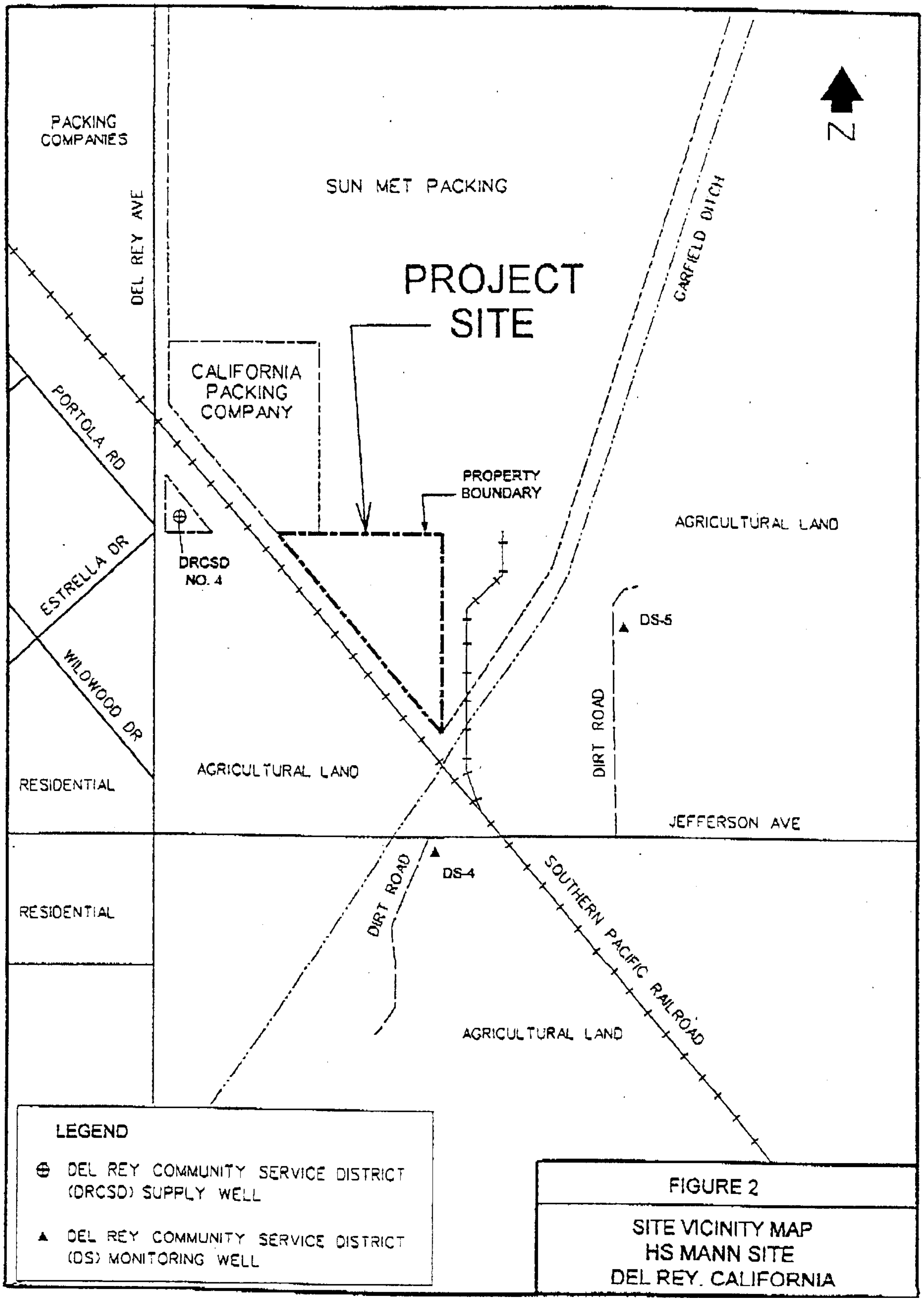

FIGURE 2

SITE VICINITY MAP
HS MANN SITE
DEL REY, CALIFORNIA

Background/ H.S. Mann History

The site was used as a metals recovery facility from 1967 until 1973 by H.S. Mann. *Copper, lead*, and *zinc* were reclaimed from batteries and solder, and some silver was recovered from motion picture film. Sulfuric acid was used in the recovery process and wastewater from the operations was reportedly discharged to a concrete sump located inside the building and to a disposal pond. It was also reported that steel drums containing gray sludge were buried on site. The site was purchased in 1974 by Ralph Starr for farm machinery maintenance and sales under the name of Starr Hydraulics and Machine.

Investigation Of H.S. Mann

DTSC completed a *Remedial Investigation (RI)* that investigated both the soil and *groundwater.* For the RI, DTSC collected and analyzed more than one hundred soil samples from twenty feet below ground surface up to ground surface. DTSC's investigations have confirmed that both on-site and off-site soils within H.S. Mann have lead and *Total Petroleum Hydrocarbon* contamination. Lead is present at concentrations from 4,000 to over 200,000 *Parts Per Million (PPM)*. Lead concentrations above 750 PPM are considered to be a health risk. Sampling at the two neighboring fruit packing houses has shown small amounts of lead present in the soil at the edge of their properties.

Two groups of buried deteriorated drums were found. Present among the drum remnants is a grayish acidic sludge that has high levels of lead. Much lower levels of copper, silver, and zinc are also present. Investigations did not find a former disposal pond. However, DTSC discovered the old concrete sump to be a source for some lead contamination found in the former Santa Fe Rail Road right of way.

DTSC believes that the buried drums containing gray sludge are a major source of the high levels of lead found in soil at H.S. Mann. Lead was found in groundwater below H.S. Mann but the lead in groundwater has not gone beyond the facility. To date the two monitoring wells outside of H.S. Mann have not shown any lead above *background* present in the groundwater.

DTSC is currently in the process of reviewing a draft *Feasibility Study (FS)* to determine an alternative that DTSC will propose to clean up H.S. Mann. Preparation of the draft *Remedial Action Plan (RAP)* will begin once DTSC approves the FS. DTSC will notify the public when the Draft RAP is available for review and comment. DTSC will also hold a meeting on the Draft RAP. More specific details of the cleanup alternatives will be presented in the Draft RAP and in the fact sheet announcing the Draft RAP.

DTSC Contacts

If you have questions or comments you may contact either:

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The Media contact is Ron Baker at (916) 324-3142.

A copy of the Remedial Investigation is available for public review at the Del Rey Community Center, 10649 East Morro Drive, Del Rey, California, 93616. The Administrative Record is available for review at the file room of DTSC, 1515 Tollhouse Road, Clovis, CA 93611, (559) 297-3905.

Glossary

Background-- Represents the level of toxic substances in the air, water or soil occurring in an area that is not attributable to suspected or known sources of releases.

Copper— A distinctive red-colored metal used for electric wiring, plumbing, heating and roof and building construction, and in automobile brake linings. Known to be toxic at certain levels and potentially explosive in some forms.

Feasibility Study (FS)— An evaluation of the alternatives for remediating, or cleaning up, any identified soil or groundwater conditions.

Groundwater-- Water beneath the earth's surface that moves slowly through the spaces between soil and rock particles, and often serves as a primary source of drinking water. A layer of water-bearing soil or rock is called an aquifer.

Lead— A heavy metal of a dull grayish color that is present in small amounts everywhere in the human environment. Lead can get into the body from drinking contaminated water, eating vegetables grown in contaminated soil, or breathing or ingesting dust when children play or adults work in lead-contaminated areas. Lead can cause damage to the nervous system or blood cells if present in the body. Children are at highest risk from exposure to lead contamination because their bodies are still developing. Lead is listed as a reproductive toxic substance for women and men under Proposition 65.

Part Per Million (PPM)—A unit of measurement 1,000 times greater than one part per billion, roughly the equivalent of one drop of liquid in a filled gas tank of a full-sized car.

Remedial Action Plan (RAP)--A plan, approved by DTSC, that outlines a specific program leading to the remediation of a contaminated site. Once the Draft Remedial Action is prepared, a public meeting is held and comments from the public are solicited for a period of no less then 30 days. After the public comment period has ended and public comments have been responded to in writing, DTSC approves the final remedy for the site (the Final RAP).

Remedial Investigation (RI)--A series of investigations to identify the type and extent of contamination in the environment at a site.

Silver--A metal used in the manufacture of photographic plates, cutlery, in coins and in jewelry. Silver nitrate is used in an array of industrial chemical processes. It is toxic.

Total Petroleum Hydrocarbons—Any of numerous organic compounds, such as benzene and methane, that contain only carbon or hydrogen and are derived from petroleum products such as gasoline, diesel, and waste oils.

Zinc—A metal used for auto parts, roofing, electroplating and dry cell batteries. It is nutritionally essential but toxic at higher levels.

Notice to Hearing Impaired Individuals:

TDD users can obtain additional information about HS Mann and the investigation by using the California State Relay Service (1-888-877-5378) and asking to reach Nathan Schumacher at (916) 255-3650.

Mailing List Coupon

If your name and address is on the mailing label, then you are on the mailing list for H.S. Mann. If not, and you wish to be added to the mailing list, please fill out this coupon and send it to Nathan Schumacher, DTSC, 8800 Cal Center Drive, Sacramento, CA 95826.

Name: _____

Mailing Address:_____

City, State, Zip:_____

DTSC mailing lists are solely for the purpose of keeping persons informed of DTSC activities. Mailing lists are not routinely released to outside parties. However, they are considered public records and, if requested, may be subject to release.