



### State Water Resources Control Board

## UST CASE CLOSURE SUMMARY

#### Agency Information

| J · · · · · · ·                               |                              |
|---|------------------------------|
| Current Agency Name:                          | Address:                     |
| State Water Resources Control Board           | 1001 I Street, P.O. Box 2231 |
| (State Water Board)                           | Sacramento, CA 95812         |
| Current Agency Caseworker: Mr. Matthew Cohen  | Case No.: N/A                |
|   |                              |
| Former Agency Name:                           | Address:                     |
| Los Angeles County Department of Public Works | 900 South Fremont Avenue     |
| (Prior to 7/1/2013)                           | Alhambra, CA 91803           |
| Former Agency Caseworker: Mr. John Awujo      | Case No.: 014693-015361      |

#### Case Information

| USTCF Claim No.: None           | Global ID: T1000000550          |
|---------------------------------|---------------------------------|
| Site Name:                      | Site Address:                   |
| Minute Service Dairy Inc        | 1159 East Avenue I              |
|                                 | Lancaster, CA 93535-2117 (Site) |
| Responsible Party:              | Address:                        |
| Minute Service Dairy, Inc.      | 1159 East Avenue I              |
| Attention: Mr. John Borg        | Lancaster, CA 93535-2117        |
| USTCF Expenditures to Date: N/A | Number of Years Case Open: 15   |

URL: http://geotracker.waterboards.ca.gov/profile\_report.asp?global\_id=T10000000550

#### Summary

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy.

The release at the Site was discovered during the course of a leak investigation in 1999. Soil sampling indicated low concentrations of petroleum constituents in the vicinity of the north dispenser island, and the gasoline underground storage tanks (USTs). A second investigation was conducted in 2004 as part of a piping replacement. Soil samples collected in 2004 indicated that concentrations of petroleum constituents below Policy criteria were present at depths of 2 to 5 feet below ground surface (bgs). The Site is operated as an active fueling facility.

Groundwater was not encountered during the Site investigations. Depth to groundwater is estimated to be 50 feet bgs. The nearest public supply well and surface water body are greater than 1,000 feet from the estimated plume boundary. Additional corrective action will not likely change the conceptual site

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR



### Minute Service Dairy Inc 1159 East Avenue I, Lancaster, Los Angeles County

model. Any remaining petroleum constituents pose a low risk to human health, safety, and the environment.

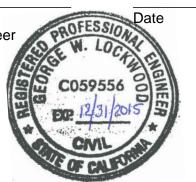
## Rationale for Closure under the Policy

- General Criteria Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria Site releases HAVE NOT LIKELY AFFECTED GROUNDWATER. There are not sufficient mobile constituents (leachate, vapors, or light non- aqueous phase liquid) to cause groundwater to exceed the groundwater criteria in this Policy.
- Petroleum Vapor Intrusion to Indoor Air Criteria Site meets **EXCEPTION**. Exposure to petroleum vapors associated with historical fuel system releases is comparatively low relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure Criteria Site meets CRITERION (3) a. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1. The estimated naphthalene concentrations are less than the thresholds in Table 1 of the Policy for direct contact. There are no soil sample results in the case record for naphthalene. However, the relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2% benzene and 0.25% naphthalene. Therefore, benzene concentrations can be used as a surrogate for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1 of the Policy. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 of the Policy criteria for direct contact with a safety factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

# **Recommendation for Closure**

The corrective action performed at this Site ensures the protection of human health, safety, and the environment, and is consistent with chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control, and the applicable water quality control plan, and case closure is recommended.

George Lockwood, PE No. 59556 Senior Water Resource Control Engineer



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4/21/14