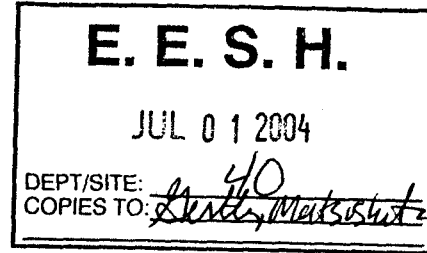


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June 28, 2004

Mr. Greg Holmes
Unit Chief
Department of Toxic Substances Control
Southern California Cleanup Operations
5796 Corporate Avenue
Cypress, CA 90630

**Subject: Groundwater Level Measurements and Surface Water Sampling Results
for 4th Quarter 2003 and 1st Quarter 2004,
at Lockheed Martin's Former Beaumont Site 1**

Dear Mr. Holmes:

On behalf of Lockheed Martin Corporation (LMC), Tetra Tech Inc. (Tetra Tech) has prepared the following letter report to present the results of the 4th Quarter 2003 and 1st Quarter 2004 groundwater and surface water monitoring activities at LMC's former Beaumont Site 1, also known as the Potrero Creek site (herein referred to as the "Site"). The Site, located south of the City of Beaumont, California, was operated from 1960 to 1974 for rocket motor production activities by Lockheed Propulsion Company (LPC) – *see Figure 1*. Currently, the Site is inactive with the exception of the remedial activities performed under a Consent Order (88/89-034) and Operation and Maintenance Agreement (O&M Agreement 93/94-025) with the Department of Toxic Substances Control (DTSC).

The objective of this letter report is to present the ongoing quarterly groundwater level and semiannual groundwater and surface water quality monitoring for the Site Groundwater Monitoring Program (GMP). The Site GMP is outlined in the DTSC-approved *Revised Groundwater Sampling & Analysis Plan, Lockheed Martin Corporation, Beaumont Site 1* (Revised SAP) (Tetra Tech 2003). The GMP consists of recording groundwater level measurements from 108 wells on a quarterly basis and monitoring groundwater quality semiannually. In addition to the groundwater monitoring wells, surface water samples are collected from up to nine (9) locations semiannually. Groundwater and surface water samples

are analyzed for volatile organic compounds (VOCs), 1,4-dioxane, and perchlorate. Figure 2 presents the monitoring well locations at the Site.

This report is organized into the following sections:

- Section 1. *Groundwater Level Measurements* – this section presents the results of the 4th Quarter (4th Qtr.) 2003 and the 1st Quarter (1st Qtr.) 2004 groundwater level measurement activities and provides a brief discussion of the changes in groundwater elevation at the Site.
- Section 2. *Water Quality Sampling and Analysis* – this section presents the methodology used during the collection and analyses of the water quality samples.
- Section 3. *Summary of Analytical Results* – this section presents the analytical results of the 1st Qtr. 2004 water quality sampling activities.
- Section 4. *Data Validation* – this section presents the methods used to validate the data and the results of the validation.
- Section 5. *Evaluation of Analytical Results* – this section presents Tetra Tech's evaluation of the analytical results.