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## Department of Toxic Substances Control

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Arnold Schwarzenegger  
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April 5, 2006

Mr. Michael Bloom  
Department of the Navy  
Base Realignment and Closure  
Program Management Office West  
1230 Columbia Street, Suite 1100  
San Diego, California 92101-8571

### DRAFT INVESTIGATION SUMMARY REPORT, EXTENT OF GROUNDWATER IMPACT VERIFICATION INSTALLATION RESTORATION PROGRAM SITE 17, NASA CROWS LANDING FLIGHT FACILITY, CROWS LANDING, CALIFORNIA

Dear Mr. Bloom:

Department of Toxic Substances Control (DTSC) has reviewed the above referenced document which discusses the findings of the Administration Area Plume (Site 17) investigation conducted off site and down gradient from the facility.

As referenced in Section 3.2.6 of the report, the summary of analytical results indicated the following:

- Benzene and 1, 2-dichloroethane were only detected in the mid-shallow interval and have been defined in all four intervals.
- The extent of carbon tetrachloride has been defined in the shallow interval but not in the mid-shallow, mid-deep and deep intervals.
- The extent of chloroform has been defined in the shallow, mid-deep and deep intervals but not in the mid-shallow interval.

Based on the detection limits of the above contaminants, DTSC concurs with the recommendations summarized below as set forth in the document:

- Further defining of the extent of carbon tetrachloride and chloroform in the mid-shallow, mid-deep and deep intervals through additional downgradient groundwater sampling and analysis.

Mr. Michael Bloom

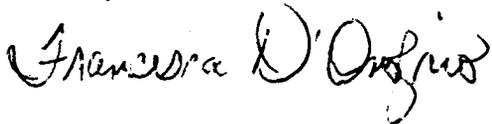
Page 2

- An assessment will be conducted to evaluate if the impacted groundwater detected off-site poses a risk to human health and the environment and to determine if migration control is necessary.
- An evaluation of potential remedial technologies to be included in the feasibility study.

DTSC agrees with the recommendations outlined above which have been discussed to further identify and delineate the extent of groundwater contamination on property off site and downgradient from the facility. However, the analytical results also indicated the presence of trichloroethene in the shallow and mid-shallow intervals. However, this finding is not discussed in the conclusions and recommendations. Please address accordingly.

If you have any questions or comments regarding this letter please contact me at (916) 255-3603 or email me [FDonofri@dtsc.ca.gov](mailto:FDonofri@dtsc.ca.gov).

Sincerely,



Francesca D'Onofrio  
Hazardous Substances Scientist  
Office of Military Services

cc: Mr. Greg Issinghoff  
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