



N00221\_003625  
MARE ISLAND  
SSIC NO. 5090.3.A



Terry Tamminen  
Agency Secretary  
Cal/EPA

## Department of Toxic Substances Control

Edwin F. Lowry, Director  
700 Heinz Avenue, Suite 200  
Berkeley, California 94710-2721



Arnold Schwarzenegger  
Governor

March 2, 2004

Southwest Division  
Naval Facilities Engineering Command  
Attn: Mr Jerry Dunaway  
1220 Pacific Highway  
San Diego, California 92132-5190

Dear Mr. Dunaway:

**Navy Mare Island Sampling and Analysis Plan (Field Sampling Plan/Quality Assurance Project Plan) Soil Gas Investigation at the Former Degreasing Plant, Investigation Area C2, dated 2/20/04**

The Department of Toxic Substances Control has reviewed the subject document. The attached comments are forwarded to you for your consideration.

Should you have any questions regarding this letter, please call me at (510) 540-3773.

Sincerely,

Chip Gribble  
Remedial Project Manager  
Base Closure Unit  
Office of Military Facilities

cc: Mr. Gary Riley  
Ms. Emily Roth

Attachment

Post-It™ brand fax transmittal memo 7671		# of pages ▶	I.
To	Jerry Dunaway	From	Chip Gribble
Co.	Naval Facilities Engineering Command	Co.	DTSC
Dept.		Phone #	510-540-3773
Fax #	415-532-0940	Fax #	

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**DTSC Comments on the  
Navy Mare Island Sampling and Analysis Plan  
(Field Sampling Plan/Quality Assurance Project Plan)  
Soil Gas Investigation at the Former Degreasing Plant, Investigation Area C2,  
dated 2/20/04**

1. The project objective of the soil gas sampling is to locate and delineate the sources of VOCs at the site and to collect soil gas data to conduct a screening-level HHRA. The soil gas survey would be conducted in two phases. Samples will be collected in the initial phase in suspected source areas and step-out sampling will be conducted in the second phase if concentrations exceed comparison criteria. Figure 7 show the proposed sampling locations with only one step-out at 20 to 35 feet away from the initial locations. The step-out locations should be carried out until the extent of the contamination plume is delineated.
  
2. The SAP only evaluates the extent of the VOC contaminations; other contaminants such as metals, PCBs, and petroleum were also detected and must be addressed in future work plans and included in the HHRA evaluation.