700 Bishop Street, Suite 900, Honolulu, Hawaii 96813

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State of Hawaii
Department of Health
Hazard Evaluation & Emergency Response
Attention: Mike Miyasaka
919 Ala Moana Blvd., Room 206
Honolulu, HI 96814

Subject: **Transmittal of Department of the Navy and EARTH TECH Standard Operating Procedures, Red Hill Oily Waste Disposal Facility, Fleet and Industrial Supply Center Pearl Harbor, Oahu, Hawaii**

Telephone
808.523.8874
Facsimile
808.523.8950

Dear Mr. Miyasaka:

At the request of Mr. Wesley Ching (Department of the Navy (DON), Pacific Division), we are submitting the attached DON and EARTH TECH Standard Operating Procedures to you.

Please note one correction in the draft SAP. On page 5-8 of the Field Sampling Plan (FSP), the reference call out should be I-F instead of FP-D-5. The text will be corrected with the final SAP.

Should you have any questions, please contact either Mr. Wesley Ching (DON, Pacific Division) at (808) 474-4513 or me at (808) 523-8874.

Very truly yours,

EARTH TECH, Inc.

S. Wade Kirby, PE, CPG
CTO Manager

attachments

cc: Wesley Ching
File (12.2.1.3)

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CTO 8 - FSP DON SOP CITATIONS

Reference	Description	Whose	Location	Page No.	Use
I-A-5	Site Reconnaissance	DON	5.1 Subsurface Clearance Survey	5-1	Geophysical Survey
1-A-6	Utility Clearance	DON	5.1 Subsurface Clearance Survey	5-1	Geophysical Survey
1-B-9	Air Monitoring and Sampling	DON	5.2 Field Monitoring	5-1	Field Monitoring Practices
I-B-1	Soil Sampling	DON	5.2 Field Monitoring	5-1	Field Monitoring Practices
I-B-1	Soil Sampling	DON	5.3 Field Screening	5-2	Immunoassay Analysis
I-B-1	Soil Sampling	DON	5.3 Field Screening	5-2	VOC Analysis
I-B-1	Soil Sampling	DON	5.4 Surface Soil Sampling	5-2	Soil Sample Collection
I-B-1	Soil Sampling	DON	5.5 Soil Boring	5-3	Monitoring Well Installation
I-B-1	Soil Sampling	DON	5.5 Soil Boring	5-3	Core Sampling
I-E	Soil and Rock Classifiacation	DON	5.5 Soil Boring	5-3	Soil Sample Logging
I-E	Soil and Rock Classifiacation	DON	5.5 Soil Boring	5-3	Core Sample Logging
I-C-1	Monitoring Well Installation	DON	5.6 Monitoring Well Construction and Development	5-3	Monitoring Well Installation
I-C-2	Monitoring Well Development	DON	5.6 Monitoring Well Construction and Development	5-3	Monitoring Well Development
I-C-3	Monitoring Well Sampling	DON	5.7 Ground Water Sampling	5-4	Ground Water Sampling
I-A-9	Sample Naming	DON	5.8 Sample Designation	5-4	Sample Labeling
III-F	Sample Handling, Storage, and Shipping Procedures	DON	5.9 Sample Shipping	5-8	Sample Shipping Procedures
FP-D-5/I-F	Equipment Decontamination	ET	5.10 Decontamination	5-8	Decontamination Procedures

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CTO 8 - QAPjP DON SOP CITATIONS

Reference	Description	Whose	Location	Page No.	Use
I-B-1	Soil Sampling	DON	2.1 Sample Collection Methods	2-1	Soil Sampling Methods
I-C-3	Monitoring Well Sampling	DON	2.1 Sample Collection Methods	2-1	Ground-Water Sampling Methods
III-E	Recordkeeping, Sample Labeling, and Chain-of-Custody Procedures	DON	2.3 Sample Logs, Labeling, and Chain-of-Custody	2-1	Guidelines for Recordkeeping, Sample Labeling, and Chain-of-Custody
I-F	Equipment Decontamination	DON	2.4 Decontamination Procedures	2-3	Decontamination of Soil and Water Sampling Equipment
III-F	Sample Handling, Storage, and Shipping Procedures	DON	2.5 Sample Handling, Transport, and Storage	2-3	Sample Handling, Transport, and Storage Procedures
III-E	Recordkeeping, Sample Labeling, and Chain-of-Custody Procedures	DON	Section 3 - Sample Custody	3-1	Sample Custody Procedures
I-C-3	Monitoring Well Sampling	DON	5.1 Field Analyses	5-1	Water-level Measurements
I-C-3	Monitoring Well Sampling	DON	5.1 Field Analyses	5-1	Ground-Water Sample Measurements
III-B	Field QC Samples	DON	6.1 Field Quality Control Checks	6-1	QC Sample Procedures
III-A	Laboratory QC Samples	DON	6.2 Laboratory Quality Control Checks	6-2	Laboratory QC Sampling Procedures
II-A	Data Validation Procedure	DON	Section 11 - QA/QC Reports	11-1	Data Validation Procedures

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CTO 8 - QAPjP EARTH TECH SOP CITATIONS

Reference	Description	Whose	Location	Page No.	Use
IV-A-2	Quality Assurance Project Plans	ET	Section 1 - Introduction	1-1	QAPjP Development Procedures
V-A	Data Statistical Assessment, Validation, Reduction, and Reporting	ET	Section 7 - Data Statistical Assessment, Validation, Reduction, and Reporting	7-1	Statistical Assessment, Validation, Reduction, and Reporting Procedures
IV-A-6	Laboratory Management	ET	Section 8 - System and Performance Audits	8-1	System and Performance Audit Procedures
IV-C-1	Assessment Program	ET	Section 8 - System and Performance Audits	8-1	System and Performance Audit Procedures
IV-C-2	Laboratory and Data Management Audits	ET	Section 8 - System and Performance Audits	8-1	System and Performance Audit Procedures
IV-C-3	Data Quality Corrective Actions	ET	Section 8 - System and Performance Audits	8-1	System and Performance Audit Procedures
IV-A-4	Nonconformance	ET	Section 10 - Corrective Actions	10-1	QC Nonconformance Procedures
IV-A-5	Corrective Actions	ET	Section 10 - Corrective Actions	10-1	QC Nonconformance Corrective Actions
IV-C-3	Data Quality Corrective Actions	ET	Section 10 - Corrective Actions	10-1	To Mitigate Data Quality Problems
IV-A-6	Laboratory Management	ET	Section 11 - QA/QC Reports	11-1	Explains Contents of Monthly Reports and Contract Laboratory Program Data Packages

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