RECEIVED

2:49 pm, Jan 03, 2008

Alameda County
Environmental Health

PORT OF OAKLAND

January 2, 2008

Mr. Steven Plunkett
Hazardous materials Specialist
Alameda County Health Care Service Agency,
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: **Asbestos Abatement Activities**
APL Terminal Yard and Gate Project, Oakland, CA
RO#0000470

Dear Mr. Plunkett:

The Port of Oakland ("Port") herein submits *the Final Report: Asbestos Abatement Activities, Port of Oakland Berth 60 "Wedge Area" Remediation, Oakland, California*, dated October 23, 2007, prepared on the behalf of the Port by SCA Environmental, Inc. This report documents abatement activities conducted following the discovery of asbestos in soils during construction for the APL Terminal Yard and Gate Project. The County was initially notified of the discovery on September 21, 2006 by letter and a subsequent letter on May 21, 2007 amending the "site area".

If you have any questions or need additional information, please contact Mr. John Prall at (510) 627-1373 or by email at jprall@portoakland.com.

"I declare under penalty of perjury, that the information and/or recommendations contained in the attached documentary report is true and correct to the best of my knowledge".

Sincerely,

Richard Sinkoff,
Manager, Environmental Department

Enclosure noted

CC: Jeff Jones, Port of Oakland
John Prall, Port of Oakland
Michele Heffes, Port of Oakland
Deborah Ballati, Farell Braun + Martell
Christine Noma, Wendel Rosen Black & Dean

SCA

ENVIRONMENTAL, INC.

√ **334 19th Street**
Oakland, CA 94612
Tel: (510) 645-6200 FAX: (510) 839-6200

☐ **165 10th Street, Suite 100**
San Francisco, CA 94103
Tel: (415) 703-8500 FAX: (415) 703-0701

☐ **9920 So. La Cienega Blvd., Suite 722**
Los Angeles, CA 90301
Tel: (310) 258-0460 FAX: (310) 258-0260

To:	Dawn Crater – Port of Oakland
cc:	
FAX:	
From:	Glenn R. Cass
Date:	10/25/07
RE:	Wedge Area Remediation Report
Proj. #:	K-8027

Attached are 8 copies of the Final Remediation Report for the Wedge Project per your request and distribution.

Please call my direct line at (510) 267-2723 or e-mail me at gcass@sca-enviro.com if you have any questions.

Mail to:

Ms. Dawn Crater
Port of Oakland
Environmental Planning, Permitting & Compliance Dept.
530 Water Street
Oakland, CA 94607
dcrater@portoakland.com

☐ **FAX __ PGS TOTAL (Includes Cover Sheet)** ☐ **FAX WILL NOT BE FOLLOWED BY HARD COPY**

☐ **HARDCOPY** ☐ **HAND-CARRIED** ☐ **OVERNIGHT** ☐ **2ND DAY** ☐ **UPS GROUND** ☐ **US MAIL**

SCA

Environmental, Inc.

334 19th Street
Oakland, CA 94612
(510) 645-6200

FOR SCA OFFICE ONLY:
FINAL BILLING?

☐ Elite Reprographics
phone: 763-1234

PROJECT NO.:	ORIGINATOR: G. Gass
DATE: ~~9/24/07~~ 10/24/07	SENDER:

NO. OF ORIGINALS	ITEM NO.	DESCRIPTION OF ORIGINALS
1		Post Wedge Report

NO. OF COPIES	ITEM NO.	TYPES OF ORIGINALS
~~1~~ 9		☒ S/S ☐ D/S ☐ stapled ☐ 3-punch ☐ 8.5x11 ☐ 11x17 ☐ oversize ☐
		☐ S/S ☐ D/S ☐ stapled ☐ 3-punch ☐ 8.5x11 ☐ 11x17 ☐ oversize ☐ _____

Instructions: Only mark boxes that apply to this particular job.

Front/back Cover	☒ Front Cover: Copy first page (title page) onto COTTONWOOD card stock. Back Cover: Use COTTONWOOD card stock.
Front/back Cover	☐ Front Cover: Clear plastic sheets. Back Cover: Blank COTTONWOOD card stock followed by a clear plastic sheet.
Slip Sheets	☒ Make tagged pages blue (#67 blue) S/S
Bind 1	~~2~~ (no.) of the copies ☒ Black GBC spiral ☐ White GBC Spiral ☐ Velobind ☐ Other: _____
Do Not Bind	___(no.) of the copies ☐ Original
Folding	☐ Copy 11x17 pages at 96% onto 11x17 paper and Z-fold.
Photos/ Color Diagrams	☐ Color ☐ Black and White
Special Instructions	☐ Double-sized from Appendix A onward, with the exception of the Appendix title ☐ Copy Appendix pages at 96%, with the exception of the Appendix title sheets. ☒ Do not copy back side of originals for Appendix.
Others:	10/24/07
	☐ Deliver back to SCA by 4:00 ☐ am ☒ pm, 10/24/07 [mm/dd/yyyy]. ☐ SCA will pick up.

COPIER SERVICE: PLEASE RETURN THIS SHEET ALONG WITH THE COMPLETED PROJECT.

FINAL REPORT:
ASBESTOS ABATEMENT ACTIVITIES
PORT OF OAKLAND
BERTH 60 'WEDGE AREA' REMEDIATION
OAKLAND, CALIFORNIA

PREPARED FOR:

PORT OF OAKLAND
ENVIRONMENTAL PLANNING, PERMITTING & COMPLIANCE DEPT.
530 WATER STREET
OAKKLAND, CA 94607

PREPARED BY:

SCA

ENVIRONMENTAL, INC.

334 19th STREET
OAKLAND, CA 94612
TEL: (510) 645-6200
FAX: (510) 839-6200

SCA PROJECT NO.: B-8027

OCTOBER 23, 2007

SCA

ENVIRONMENTAL, INC.

Engineering and Environmental Consultants

October 23, 2007

Ms. Dawn Crater
Port of Oakland
Environmental Planning, Permitting & Compliance Department
530 Water Street
Oakland, CA 94607

Re: Final - Summary Report of Environmental Quality Assurance Services
Berth 60 Wedge Remediation
Oakland, CA
SCA Project No.: B-8027

Dear Ms. Crater:

This report summarizes the observations and results of the asbestos abatement activities at the Port of Oakland (Port) Berth 60 Wedge Area in Oakland, CA. Prior to SCA Environmental, Inc. (SCA) overseeing the asbestos abatement activities summarized below, SCA understands that on Monday, August 28, 2006, Port personnel observed the presence of what appeared to be multiple forms of asbestos-containing building materials (ACBM), both non-friable and friable, distributed in an approximate 2,000 square foot area of overturned soil in the former garbage wharf area, which is currently referred to as the Wedge Area. The Port arranged for the immediate covering of the entire 2,000 square foot area with a filter fabric/aggregate base (AB)/asphalt concrete (AC) grinding layer to prevent the emission of airborne asbestos fibers. The installation of the filter fabric layer was completed by Dillard Environmental Services, and the installation of the AB/AC layer was completed by O.C. Jones & Sons (O.C. Jones). The Port also arranged for the removal of additional small (dime-size) to large (volleyball-size) pieces of non-friable and friable ACBM located sporadically throughout the Wedge Area by Sterling Environmental Services (Sterling), a Cal/OSHA registered abatement contractor, on Saturday, September 2, 2006. The material was packaged and transported to Forward Landfill in Stockton, CA under normal manifest procedures by Sterling. Five bags of debris were collected.

The asbestos abatement activities under SCA's contract with the Port occurred periodically from Saturday, November 4, 2006 through Saturday, November 18, 2006. Complete Decon Inc. (CDI) was contracted to perform the abatement activities as a subcontractor to the Port's contractor, Pacific States Environmental Contractors, Inc. Denbeste Transportation, Inc. did the majority of the waste hauling to Forward Landfill in Stockton, CA for the "trace" asbestos waste (Cells 2 and 5), and to Waste Management's Kettlemen, CA site for the lead- and asbestos-contaminated waste (Cells 1, 3 and 4). O.C. Jones served as the General Contractor to the Port and completed some exploratory excavation activities within Cell #1, at the western tip of the Wedge Area. SCA was retained by the Port to conduct periodic environmental monitoring, to perform clearance inspections for the remediation work, and to prepare documentation of abatement activities.

Individuals involved in the project, and their technical certifications, included:

Port's Staff	Role	Certifications
Ms. Colleen Liang	Port's Environmental Inspector	N/A
Mr. Dale Klettke	Port's Environmental Inspector	N/A
Ms. Dawn Crater	Port's Environmental Planning, Permitting & Compliance Project Manager	Cal/OSHA Certified Asbestos Consultant (CAC #99-2560)
SCA Staff	**Role**	**Certifications**
Mr. Glenn R. Cass, PE, CIH, CAC	Sr. Project Consultant	• Professional (Mechanical) Engineer (PE #M18976), since 1978. • Certified Industrial Hygienist (CIH #A4847). • Cal/OSHA Certified Asbestos Consultant (CAC #92-0092). • California Dept. of Health Services' Certified Lead Inspector/Assessor, Project Designer & Project Monitor (DHS #I/D/M-717). • OSHA 40-hr. HAZWOPER Training per 29 CFR 1910.120(e). • Registered Environmental Assessor (REA-06164, since 1995).
Mr. Kenn Conner, PE	Project Consultant	• Professional (Civil) Engineer (PE #C55429). • OSHA 40-hr. HAZWOPER Training per 29 CFR 1910.120(e).
Mr. Michael Liu	Environmental Scientist II	• OSHA 40-hr. HAZWOPER Training per 29 CFR 1910.120(e).
Ms. Melinda Castillo	Environmental Scientist II	• OSHA 40-hr. HAZWOPER Training per 29 CFR 1910.120(e).

Contract laboratories that provided analytical services for the project were:

Laboratory	Analysis Type	Accreditation
Asbestos TEM Laboratories, Inc., Berkeley, CA	Phase Contrast Microscopy (PCM) Airborne Asbestos Analyses and Polarized Light Microscopy (PLM) Bulk Asbestos Analyses	• National Voluntary Laboratory Accreditation Program (NVLAP). • California Environmental Laboratory Accreditation Program (ELAP).
McCampbell Analytical, Inc.	CAM-17 Metals, VOCs, SVOCs and other soil analyses (excluding asbestos)	• California Environmental Laboratory Accreditation Program (ELAP #1644).

Background

In 2002, former landfill operations were discovered on the western edge of the "Wedge Area", as designated in the Appendix A figure; the western edge of the Wedge Area was a part of the Port's Vision 2000 Program. At that time thermal system insulation (TSI), linoleum flooring, brake shoes, vinyl floor tiles and mastics, and other suspect asbestos-containing materials, were excavated from the western edge of the Wedge Area and removed, and the western edge of the site was later capped. Monitoring and work activities within the former landfill areas under the

Vision 2000 Program are summarized in SCA's Vision 2000 Closeout Report dated February 25, 2003 [SCA Project No. B-3728].

In August 2006, the entire Wedge Area underwent construction activities that uncovered ACBM. Following the discovery of materials in August 2006, SCA was retained by the Port to characterize the Wedge Area for remediation and monitor soils disposal at 6- to 12-inches depth from Cells #2 through #5 and about 4- to 4.5-ft. depth from Cell #1 (see the Appendix A figure for a drawing of the cell locations and SCA's soil sampling locations and laboratory results).

Remediation of the site was conducted by CDI to remove hazardous construction materials as required by EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) and the Bay Area Air Quality Management District (BAAQMD) Regulation 11. To reduce any potential hazards to other contractors' workers in the vicinity of the work area, controlled remediation procedures were undertaken that generally included:

- Cordoning off the remediation areas and installing geocloth fabric as a wind break along the Wedge Area's north and south fence lines by O.C. Jones;
- Removal of contaminated soils using wet methods, hauling all of the contaminated soil waste off-site in polyethylene-lined trucks with protective tarps;
- Periodic dust and airborne asbestos monitoring by SCA to verify the adequacy of the dust controls;
- Bagging of all 3-dimensional asbestos-containing wastes within Cells #2 and 5 to allow for disposal of these area's soils at Forward Landfill in Stockton, CA as "trace" asbestos waste;
- Removal and disposal of lead- and asbestos-contaminated waste in Cells #1, 3 and 4 as "hazardous waste;" and
- Final visual inspections by SCA to verify uncontaminated exposed soils for O.C. Jones' continuing construction within the Wedge Area.

Full remediation procedures are described in SCA's Remediation Work Plan in Appendix A.

Certain soils were found to contain lead contaminants as well as asbestos; leachability tests verified the need for soil stabilization prior to disposal. These later soils, from Cells #1, 3 and 4, were trucked to Waste Management's Kettlemen, CA site for stabilization and disposal.

Methodology

Prior to the abatement, SCA characterized the soils to be excavated, dividing the Wedge Area into 5 distinct cells, with Cell #1 at the western-most triangular segment and Cell #5 to the east of the existing wharf (see the Appendix B diagram).

CDI mobilized on-site on Saturday, November 4, 2006 and started with remediation of soils in Cell #2. Remediation continued with completion of work in Cell #2 and the majority of Cell #5 on Sunday, November 5, 2006. Final abatement of all materials under this contract was completed on Saturday, November 18, 2006; however, final hauling of the asbestos waste dumpster off-site occurred later during the week of November 19th.

During the abatement activities, SCA monitored CDI's work practices. SCA took perimeter fence line air samples to verify that the airborne asbestos concentration was below Cal/OSHA's perimeter action level of 0.01 fiber/cc. These perimeter air samples were analyzed by PCM analytical procedures in accordance with NIOSH Method 7400, using "A" counting rules. This method involves the drawing of a known volume of air through a Millipore 0.8 µm pore size, 25-mm diameter, mixed cellulose ester (MCE) membrane filter housed in a non-conductive extension cowl cassette. A section of the filter is then mounted on a slide and examined under a microscope, using NIOSH 7400 protocols.

SCA also verified that CDI utilized proper personal protection as required by SCA's Remediation Work Plan (see Appendix A). All of CDI's workers, including the excavator operators, working in the remediation zone utilized half-face air-purifying respirators and Tyvek coveralls. Truck drivers were instructed to remain within their vehicles

during the excavation process; however, truck traffic was directed to previously abated or AB covered soils to protect against incidental trucker exposures.

Because of the presence of lead contaminants in 3 of the 5 cells (Cells #1, 3 and 4), dust controls were also utilized to control airborne lead exposures. Because seasonal rains saturated the soils before and during the various abatement periods, normal dust controls were minimized. Wetting of the soils using a water buffalo, as directed by SCA, was completed for stockpiled soils protected under polyethylene sheeting or otherwise unaffected by the seasonal rains. Fenceline dust monitoring using a TSI Dust-Trak occurred at the north property line to document the effectiveness of the contractor's dust control measures. The Dust-Trak, mounted at the Wedge Area's fence line, provided in-situ respirable dust concentration in milligrams per cubic meter (mg/m^3).

Standards

A variety of recommended and mandatory standards were applicable to this project. Tables 1 and 2 below summarize the asbestos and particulate standards, respectively. Occupational and property line exposures were evaluated utilizing Cal/OSHA standards as well as industry standards generally formulated for indoor air quality assessments. Occupant and area impacts were evaluated against the most stringent of these mandatory and recommended standards; for asbestos, that is the U.S. Environmental Protection Agency clearance air standards for schools; for particulates, that is the ASHRAE and CARB indoor air quality standards.

Table 1: Summary of Asbestos Standards

Source	Level	Nature	Comments
Cal/OSHA[1]	0.1 f/cc	Occupational & mandatory	8-hour Time Weighted Average (TWA) Permissible Exposure Level (PEL) (triggers OSHA required training, medical examinations, etc.)
	1.0 f/cc		Excursion Limit (EL) for 30 minutes sampling duration
NIOSH[2]	0.1 f/cc	Recommended	Occupational PEL
ACGIH[3]	0.2 f/cc	Recommended	Occupational Threshold Limit Value (TLV) Notice of Intended Changes
USEPA[4]	0.01 f/cc (PCM)	Contractual & mandatory	• Perimeter action level • Clearance standard for abatement larger than small scale, short duration, but ≤160 SF or ≤260 LF.
	70 str/mm^2 or 0.02 str/cc (TEM)	Contractual & mandatory	TEM clearance criterion; if failed, then compare against ambient level outside of work area. Originating from AHERA[5] regulations

1 California Department of Industrial Relations, Division of Occupational Safety and Health, 8 CCR 1529.
2 National Institute of Occupational Safety and Health
3 American Conference of Governmental Industrial Hygienists, 1997-98
4 U.S. Environmental Protection Agency's Asbestos Hazard Emergency Response Act (AHERA); 40 CFR Part 763, promulgated for schools but utilized as a general industry practice

Table 2: Particulate Standards

Contaminant	Source	Level	Nature	Comments
Particulate	N/A	ambient	N/A	Compare against outdoor readings to indicate effectiveness of filter units in air handling system
	Cal/OSHA[1]	5 mg/m^3	Mandatory/ Occupational	8-hour TWA PEL for respirable dust
		10 mg/m^3		8-hour TWA PEL for total dust
	ACGIH[2]	10 mg/m^3	Recommended/ Occupational	8-hour TWA TLV resulting in lung disorders
	EPA[3]	0.05 mg/m^3	Recommended/ Indoor Occupancy	National Ambient Air Quality Standard
Respirable Particles (PM_{10})	ASHRAE[4]	50 µg/m^3	Recommended Indoor Occupancy	
	CARB[5]	0.05 mg/m^3	Recommended by CARB	24 hour California Air Resources Board Maximum Indoor Level
	EPA[3]	0.15 mg/m^3	Recommended by LEED Program	

Table 2 Footnotes:

1. California Department of Industrial Relations, Division of Occupational Safety and Health, Title 8 General Safety Orders §5155.
2. American Conference of Governmental Industrial Hygienists (ACGIH), 2003 Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
3. U.S. Environmental Protection Agency, National Ambient Air Quality Standard.
4. ASHRAE Standard 62-1989R, Appendix C-1, August 1996.
5. "Report to the California Legislature Indoor Air Pollution in California," California Air Resources Board pursuant to Health & Safety Code §39930 (Assembly Bill 1173, Keeley, 2002), June 2004.

Note that the NIOSH, ASHRAE and ACGIH standards in Tables 1 and 2 are trade or general industry standards that are applied to indoor office environments or schools in various instances but have been utilized herein for comparison purposes.

Results

Cell #1 required excavation depths of 4- to 4.5-ft. and included concentrated segments of TSI and transite debris. Cells #2 and 5 were characterized with "trace" asbestos content and had a total threshold limit concentration (TTLC) for lead under 50 ppm. Cells #1, 3 and 4 required stabilization of lead contaminants based on SCA's soluble threshold limit concentration (STLC) analyses. STLC and TTLC concentrations are calculated using the procedures outlined in Tile 22 of the California Code of Regulations Section 66261.24.

All excavation activities of contaminated materials were completed by CDI during weekend periods when the adjoining wharf activities were minimal. O.C. Jones completed removal of the transformer pad and asphalt covering in Cell #1 on Friday, November 10, 2006 while the APL Terminal was not in use. O.C. Jones was unable to excavate the majority of Cell #1 soils on this date as SCA visually detected TSI and transite contaminants below the excavated slab. Rather than impact these contaminated soils while the adjoining berth was partially occupied, the contaminated soil excavation activities were suspended by O.C. Jones and the final excavations were undertaken by CDI.

The pattern of on-site excavations included about 50% of Cell #1 on Saturday, November 4, 2006 with the remainder of Cell #2 and the majority of Cell #5 completed the following morning. Throughout both days, CDI removed the concrete stockpiles in Cell #4 and bagged surface TSI mixed with this material, particularly near the southwest corner of this cell. Following O.C. Jones' non-asbestos excavation activities on November 10, 2006, as described above, CDI continued to excavate the majority of Cells #1 and 3 on Saturday, November 11, 2006, and completed the remaining work in Cells #1 and 3 and about half of Cell #4 on Sunday, November 12, 2006. Final excavation of the stockpile in Cell #4 and the entry roadway in Cell #5 was completed on Saturday, November 18, 2006.

Following the remediation, suspect concealed asbestos-containing materials were sampled by SCA along the southern edge of Cell #1 for analysis under PLM analytical procedures. This sampling generated the following results:

Material I.D.	Zone	Description	Results	Estimated Quantity
TSI-001-1	South Bank of Cell #1	Gray residual TSI in South Bank of Cell #1	20-30% Chrysotile	Not Quantified
TSI-002-1	South Bank of Cell #1	Yellowish dense mineral wool TSI in South Bank of Cell #1	None Detected	Not Quantified

Additional bulk asbestos sampling results, collected during the remediation activities, are contained in Appendix D.

Because the results revealed greater than 1% asbestos content for portions of the concealed TSI, care will need to be taken during excavation of the next segment of Berth 60, south of the Wedge Area. A polyethylene liner has been positioned against the south bank of Cell #1 to demarcate the remediated and unremediated areas.

On November 18, 2006, CDI completed its initial abatement of asbestos-containing materials greater than 1% asbestos content in accordance with the NESHAP regulations and BAAQMD Regulation 11 as visually inspected by SCA. SCA inspected the site periodically throughout the abatement activities to verify proper fiber/dust control and waste disposal procedures. All areas were cleared by visual inspection only.

The results of perimeter air sampling conducted by SCA at the north and south property/fence lines are as follows:

Table 3: Perimeter Air Sampling Results

Sample I.D.	Sample Location	Date	Result (fiber/cc)	AHERA Standard (fiber/cc)	Comments
SSC-11-4	Cell #2 northwest corner at fence line	11/4/06	<0.0031	0.01	Below perimeter action level
APL-11-4	Cell #5 southeast corner at fence line at decontamination area	11/4/06	<0.0032	0.01	Below perimeter action level
SSC-11-5	Cell #2 northwest corner at fence line	11/5/06	<0.0044	0.01	Below perimeter action level
SSC-11-5	Cell #5 southeast corner at fence line at decontamination area	11/5/06	<0.0043	0.01	Below perimeter action level
SSA-11-12	Cell #4 northwest corner at fence line	11/12/06	<0.0047	0.01	Below perimeter action level
APL-11-12	Cell #5 southeast corner at fence line at decontamination area	11/12/06	<0.0046	0.01	Below perimeter action level
SSA-11-18	Cell #4 north or stockpile at fence line	11/12/06	<0.0066	0.01	Below perimeter action level
APL-11-18	Cell #5 southeast corner at fence line at decontamination area	11/12/06	<0.0066	0.01	Below perimeter action level

All samples were well below the perimeter action level of 0.01 fibers/cc by PCM analyses. Laboratory reports and field data sheets are contained in Appendix C.

In addition to the airborne asbestos sampling, SCA conducted periodic readings of particulate levels at the nearest property line during representative excavation activities. Average particulate levels remained below the EPA's NAAQS average of 50 mg/m^3 with highest levels reached on November 18th occurring concurrent with concrete crushing and loader operations, within 100-ft. of the dust monitor, and stockpile excavation activities in Cell #4, a distance of only 15-ft. from the monitor. The particulate level averaged less than the EPA standard over the 8-hour construction period.

Particulate concentration logs are contained in Appendix E hereto. Daily reports and SCA's logs are contained in Appendices F and G, respectively.

On December 5, 2006, Port consultant Winzler & Kelly (W&K) personnel discovered additional suspect TSI and ACBM on the wharf deck and the top layer of nearby soils, uncovered by the winter rains within the recently partially abated Wedge Area. On December 12, 2006, W&K provided on-site oversight services as a continuation of CDI's initial remediation efforts. These latter activities were conducted under the oversight of Mr. Christopher Burns of W&K, a California Certified Asbestos Consultant (CAC #92-0224). The activities included surface capping of areas previously excavated by CDI with approximately 6-inch depth of AB grade soils and recleaning of the remaining concrete dock. W&K reviewed worker submittals, recording work progress and assessed the cleanliness of the dock and covering of contaminated soils immediately east of the dock. Additional perimeter air sampling was not conducted as heavy rains occurred, on and prior to, the capping activities, making air sampling infeasible.

Because of the saturation of soils on December 12, 2006, AB soils were stockpiled on the dock and repositioned immediately west of the dock by CDI on a later date with the Port personnel supervising this final installation. On December 21, 2006, the Port issued to O.C. Jones final notification of completion of current remediation work.

Discussion and Conclusions

The abatement activities occurred with minimal impact on the surrounding area; adjacent SSA and APL Terminal areas were mostly unoccupied during the excavation activities and sufficient dust controls were used to maintain fence line airborne asbestos concentrations well below the 0.01 fibers/cc action level. SCA verified proper handling and disposal of ACBM and lead waste so as to minimize workers' and other Port personnel exposures to the hazardous materials generated. Worker exposures for asbestos were kept below the PELs and all affected workers wore personal protection.

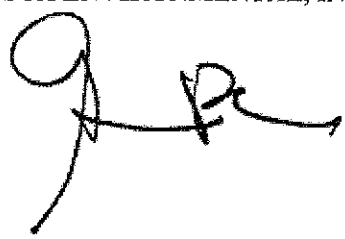
SCA strongly recommends that further excavations within the Wedge Area be completed under the supervision of a CAC to prevent any unexpected airborne release of asbestos fibers from any concealed TSI or other ACBM, such as that encapsulated in December 2006. A lens of friable asbestos materials remains along the 70-ft. embankment at the eastern boundary of the Wedge Area, as noted by SCA's bulk asbestos sampling (see Attachment D), requiring any future excavation work to be completed under asbestos control protocols. Planned activities that may impact the encapsulated ACBM requiring 48-working hours advance notice to the Port include:

- Any further excavations in Cell #4 or breaching of the AB soil encapsulant;
- Removal of the concrete garbage wharf;
- Reconstruction of the yard;
- Excavation of soils immediately east of the Wedge Area, covered by polyethylene sheeting along the Cell #1 embankment; and
- Any other subsurface earth impacts occurring within the Wedge Area.

Following the final encapsulation of the Wedge Area in December 2006, the area was deemed safe by the Port for continuing transport and non-excavation operations by O.C. Jones.

Please feel free to contact us at (510) 267-2723 or gcass@sca-enviro.com if you have any questions or require any additional information.

Sincerely,
SCA ENVIRONMENTAL, INC.



Glenn R. Cass, PE, CIH, CAC #92-0092
Vice-President

Appendices:

A. Remediation Work Plan
B. SCA's Soil Sampling and Waste Characterization Results
C. Perimeter Air Sampling Data Sheets and Laboratory Results - Asbestos
D. Additional Bulk Sampling Data Sheets and Laboratory Results – Asbestos
E. Particulate Concentration Logs
F. SCA's Daily Reports
G. SCA's Project Log Book
H. CDI's Pre-Job & Misc. Submittals
I. CDI's Personal Air Sampling Results
J. SCA's Personnel Certificates
K. Soil Waste Manifest Logs
L. Winzler & Kelly December 12, 2006 Oversight Report

Disk/File: B-8027 EQA Report

Appendix A

Remediation Work Plan

SCA

ENVIRONMENTAL, INC.

√ **334 19th Street**
Oakland, CA 94612
Tel: (510) 645-6200 FAX: (510) 839-6200

☐ **165 10th Street, Suite 100**
San Francisco, CA 94103
Tel: (415) 703-8500 FAX: (415) 703-0701

☐ **9920 So. La Cienega Blvd., Suite 722**
Los Angeles, CA 90301
Tel: (310) 258-0460 FAX: (310) 258-0260

To:	Dawn Crater – Port of Oakland
cc:	
FAX:	
From:	Glenn R. Cass
Date:	10/18/06
RE:	Wedge Area Remediation Plan
Proj. #:	B-8027

Attached is the revised Remediation Work Plan addressing the Port attorney's comments and eliminating the electrical vault from the demolition scope.

Please call my direct line at (510) 267-2723 or e-mail me at gcass@sca-enviro.com if you have any questions.

Mail to:

Ms. Dawn Crater
Port of Oakland
Environmental Planning & Permitting
530 Water Street
Oakland, CA 94607
dcrater@portoakland.com

☐ **FAX __ PGS TOTAL (Includes Cover Sheet)** ☐ **FAX WILL NOT BE FOLLOWED BY HARD COPY**

☐ **HARDCOPY** ☐ **HAND-CARRIED** ☐ **OVERNIGHT** ☐ **2ND DAY** ☐ **UPS GROUND** ☐ **US MAIL**

SECTION 01010

REMEDIATION WORK PLAN – SUMMARY OF WORK

The work covered by this work plan includes the removal, handling and disposal of various hazardous materials in accordance with applicable federal, state and local regulations at the designated site and additional protocols established by the Port.

A copy of this Remediation Work Plan is to be posted on-site during the remediation work.

I. Summary of Work (as designated)

X	Removal and disposal of asbestos-containing materials (ACM) in landfill areas of the "Wedge Area" (north of the wharf) and removal of asbestos contamination on surface soils as part of the Port's Remediation Plan for the "Wedge Area" (see the attached plan for areas of planned activities).

II. Submittals:

Pre-job Submittals (as designated):

X	USA Ticket No. for utility clearances 72-hrs prior to the start of each phase of work;
X	BAAQMD Notification (10 working days in advance);
X	Cal/OSHA Asbestos Abatement Notification per 8 CCR 1529 (twenty four (24) hours in advance);
X	Copy of current Contractors' State Licensing Board (CSLB) License;
X	Copy of Cal/OSHA Asbestos Registration Certificate;
X	Remediation work schedule;
X	Remediation work plan(s);
X	Copies of workers' asbestos training certificates, including the Competent Person;
X	Copies of workers' 40-hr. Hazwoper or 8-hr. Hazwoper Annual Refresher training certificates (if required by waste profiling results);
X	Copies of workers' annual medical exam and respirator approval;
X	Copies of workers' twelve (12) month respirator fit testing records;
X	Material Safety Data Sheets (MSDS) for chemicals used, including wetting agents; and
X	Emergency phone and pager listing.

Periodic Submittals (as designated):

X	Personal air monitoring (daily);
X	Updated worker documentation (as needed); and
X	Copies of updated notification to regulatory agencies (as needed).

Project Close-out Submittals (as designated within two (2) weeks of completion):

X	Certificate of Completion;
X	Receipt and weight tickets from landfill operator or recycler (as applicable);
X	Copies of completed uniform waste manifests, including hazardous and non-hazardous waste;
X	Foreman's daily job reports;
X	Employee and visitor entry/exit logs for all containments;
X	Air sample results for all personnel, work areas and air filtration units.

III. Schedule

Start Date:	To be determined.
End Date:	To be determined.
Maximum Remediation Shifts:	To be negotiated under forced account time and material procedures
Time frame:	7:00 a.m. to 3:30 p.m., Saturday and Sunday only with bin transport on Monday a.m.

IV. Contacts:

Contact	*Individual*	*Phone #*	*FAX #*	*Pager #*
Port of Oakland's Environmental Planning & Permitting Project Manager:	Dawn Crater or Colleen Liang	(510) 627-1185 or (510) 627-1198	(510) 465-3755 or (510) 465-3755	(510) 772-9338 or dcrater@portoakland.com (510) 715-6316 or cliang@portoakland.com
SCA Environmental, Inc.'s Project Manager	Glenn R. Cass	(510) 267-2723	(510) 839-6200	(510) 517-1119 or gcass@sca-enviro.com
Port of Oakland Resident Engineer	Mikhail Korsunsky	(510) 627-1589	(510) 627-1896	(510) 715-9368 or mkorsuns@portoakland.com
O.C. Jones	Randall Husch	(510) 526-3424	(510) 663-5692	(510) 715-0757 or rhusch@ocjones.com
Pacific States Environmental	Jon Hoppe	(925) 803-4333	(925) 803-4334	(925) 575-0901 or jhoppe@pacificstates.net

V. Security

Arrange site security with the Port at the beginning of the job.

Provide temporary barrier, such as the existing "Caution" tape, at entry to The "Wedge Area" following each weekend's remediation activities.

VI. Special Conditions

Air Sampling:

1. PCM Analysis: Analysis of PCM samples shall follow the procedures outlined in NIOSH method 7400 and within these Contract Documents. Results of the PCM perimeter air sampling will be available by noon the following Monday morning. Distribution of the results will be completed by the Port to interested parties following receipt of the lab results.

2. During all asbestos-related work, perimeter sample results will be collected by the Port and/or their Environmental Consultant (Industrial Hygienist). These samples will be analyzed by Phase Contrast Microscopy (PCM). Sample results that are in excess of the background level or one hundredth fibers per cubic centimeter (>0.01 f/cc) Project Action Level may be forwarded for analysis by Transmission Electron Microscopy (TEM) with a

twelve (12) hour turnaround specified. Any sample results in excess of seventy asbestos structures per square millimeter (70 str/mm^2) of filter area (corrected for a twelve hundred to eighteen hundred (1,200 - 1,800) liter sample volume as appropriate) will require cleaning, inspection, and resampling of the affected area.

Submittals:

1. All pre-construction submittals shall be forwarded to the Port's Project Manager and the Port's designated Environmental Consultant prior to the start of remediation as designated in the Contract Documents and herein.

2. Failure by the Contractor to fulfill the submittal requirements as specified in the Contract Documents and herein shall be the basis for withholding final payment until such submittal requirements are satisfied.

Waste Manifests:

1. The Contractor shall coordinate the inspection and signing of all waste manifests with the Port and its Environmental Consultant, while on-site. Failure to complete the manifests or callbacks after completion of the project will be backcharged to the Contractor.

VII. Summary of Sampling Results:

Asbestos materials identified in the site debris include the following:

- Abandoned thermal system insulation (TSI) [SCA Sample I.D. 60-DEBRIS-101-1 with 20-30% Chrysotile and 1-5% Amosite]

VIII Standard Procedures

Asbestos Remediation:

Remediation Material Group A-1 Landfill Debris & Misc. Site Soil Contamination				
Method:	X Cordon Area	___ Glovebag	___ Glovebag-Cutout	
Material	***Activity Class***	***Sample I.D.***	***% Asbestos***	***Est. Quantity***
TSI Debris	1	60-DEBRIS-101-1	20-30% CH & 1-5% AM	Unknown
Vinyl Floor Tiles & Mastics	2	FLVCT-AAA	Assumed ACM	Unknown
Linoleum Flooring	2	FLVCS-AAA	Assumed ACM	Unknown
Brake Shoes	---	SHOE-AAA	Assumed ACM	Unknown

Asbestos Remediation Procedures for Material Group A-1 (Applicable Indicated):

Decon System:	___ Shower if ≥250 SF	___ Central	X Hudson sprayer or bucket decon if <250 SF
Floor:	___ # Layers Poly	___ Drop Cloths	___ Scaffold
Walls:	___ # of Polyethylene Layers	___ 6-ft. high Splash Guards	
Criticals:	___ # of Polyethylene Layers	___ Plywood Barriers	

Install black geocloth as a windbreak and visual barrier along the fenced perimeter prior to the start of the remediation. First remove the existing geocloth and AB covering and stage remediation, removing 1-ft. deep surface contaminants from the east entry of the "Wedge Area" to the concrete wharf platform to allow for use of this wharf for staging and sorting materials, as necessary (see Drawing Notes 1 & 5). The existing geocloth soil covering shall be disposed as asbestos-contaminated waste. Following removal of the contaminated soils within this initial

zone, install a 6-inch deep layer of clean crushed rock leading to the wharf's concrete platform to minimize track-out of surface soils from vehicles leaving the site.

The majority of the site requires removal of surface soils to 1-ft. depth (see Drawing Note 1). Remove the existing geocloth and AB covering only at those areas scheduled for immediate remediation. The abatement workers shall wet the surface soils continuously and remove evidence of surface contaminants, where practical, to allow for transport of the potential asbestos-contaminated soils in either lined bins or tarped and lined trucks, whichever is considered most economical by the Contractor. The abatement workers shall dispose of ACM TSI removed within these areas in double goosenecked, labeled waste bags, for disposal as friable asbestos waste. If asbestos debris is visible at depths below 1-ft. the Contractor shall cap these soils with 6-inch depth of clean AB fill, available nearby, as directed by the Port's Environmental Consultant. At the conclusion of the remediation within these zones (see Drawing Note 1) all surface areas will contain clean soils.

Remediation in the sloped raised area leading to the base of the wharf (see Drawing Note 3) shall be completed by directly bagging or burrito-wrapping TSI debris as friable asbestos waste. Where suspect ACM is interspersed with non-friable ACM debris, such as vinyl floor tiles, portions of the existing wharf surface may be used as a staging and segregation area for bagging and disposal of the visible ACM waste. Avoid unnecessary or excessive waste handling. Remediated soils within this zone that have been segregated from the visible ACM waste shall be disposed of in lined bins or lined and tarped trucks, for transport and disposal of the potentially contaminated soils off-site in an approved landfill. If asbestos debris is visible at depths below 4 to 4.5-ft. the Contractor shall cap these soils with 6-inch depth of clean AB fill, available nearby, as directed by the Port's Environmental Consultant. At the conclusion of the remediation within this zone (see Drawing Note 3) all surface areas will contain clean soils. Work within this area will require two (2) abatement workers, minimally to allow for continuous wetting of the remediated soils and segregation of visible ACM waste.

Keep all remediated materials wetted to prevent airborne release of fibers. Use wetting agents on visible TSI materials, which contain amosite. ACM debris, outside of the potentially contaminated soils, shall be double bagged and separated for disposal as friable asbestos waste. Dispose of friable ACM debris in a locked dumpster on-site until the abated of the "Wedge Area" is completed.

While waste separation activities are underway, the first excavator shall transport concrete debris from the north edge of the site to the off-site stockpile area. Abatement workers shall inspect and remove any suspect ACM materials from this waste stream and bag as friable asbestos waste. Keep all debris thoroughly wetted for dust control. Use wetting agent on suspect TSI materials. Separate out suspect ACM debris as denoted by the Port's Environmental Consultant.

Remove clean concrete rubble from the site to the stockpile area outside the "Wedge Area" (see Drawing Note 4). Segregate visible TSI debris from the rubble and dispose as friable asbestos waste. Wet the area for dust suppression.

At the completion of the remediation the Port's Environmental Consultant shall inspect all exposed soils, and map areas of potential contamination, which shall remain below the required excavation depths. Following this inspection, the excavator shall cover the remediated areas with clean soil, stockpiled nearby.

Remove the transformer pad immediately north of the existing wharf. All surface caps with AB soils covering ACM remnants below the excavation grades shall be compacted at a later date, as necessary, by O.C. Jones.

Waste manifests shall be prepared prior to the Environmental Consultant's departure from the site daily. If remediation is not completed within the timeframe indicated, the Contractor shall

reinstall the asphalt cloth and clean soils for hold-down until remediation of these areas can be completed. Dust barriers along the perimeter fencing shall remain in place until all remediation is completed. At the completion of all remediation this geocloth barrier shall be disposed as non-hazardous waste.

Disposing of potentially contaminated soils, shall include the use of covered and lined trucks or bins, asbestos trained and HAZWOPER trained personnel (as warranted by waste profiling results) and applicable procedures in compliance with Title 22 requirements, DOT regulations, California Air Resources Board regulation under 17 CCR 93105 and 8 CCR 1529 and BAAQMD Regulation 11, Rule 2 requirements

The excavator operator's employee shall have DOHS registration for asbestos. If the excavator operator is unregistered, the excavator worker shall be hired by the Abatement Contractor to satisfy the Business and Professions Code requirements for employer registration.

All excavated materials classified as hazardous waste shall be hauled off the site by the Contractor, using a licensed hazardous waste hauler and the uniform hazardous waste manifest form (DTSC Form 8022A and/or EPA Form 8700-22), to an approved waste disposal facility in accordance with all applicable federal, state, and local regulations.

The Contractor shall prepare the hazardous waste manifest for each shipment of hazardous wastes from the site.

The licensed hauler shall carry a hazardous waste manifest (shipping document) with each truckload.

The manifest shall describe the contents of each truck carrying materials to the waste disposal site, including, as applicable, the weight of the waste materials. The licensed hauler shall also sign and date the manifest, indicating that they have accepted the load described in the manifest on that particular day.

Air Pollution Control Plan (APCP)

The following minimum dust controls shall be implemented for excavation or grading of contaminated soils. These measures constitute the Air Pollution Control Plan for the Project:

1. Unpaved areas subject to vehicle traffic will be stabilized by being kept adequately wetted, treated with a chemical dust suppressant, or covered with clean aggregate materials available from local stockpiles as designated by the Port.

2. The speed of vehicles and equipment traveling across unpaved areas will not exceed fifteen mile per hour (15 mph) unless the road surface and surrounding areas are adequately stabilized to prevent vehicles and equipment from emitting visible dust across the project boundaries.

3. Activities will be conducted so that no track-out is visible on any paved public roadway.

4. Equipment and vehicles will not cause visible dust emissions across the project's boundaries.

5. Visible track-out onto paved public roads will be cleaned using wet sweeping at least three (3) times daily during active periods, including the end of the work shift.

6. Utilize black geocloth windscreens or other measures deemed sufficient to prevent wind speeds of 10 mph or greater from causing visible emissions.

7. Suspending excavation activities when wind conditions exceed 25 mph and visible emissions of dust beyond the property line may occur.

8. Dust controls will be sufficient to achieve a goal of "NO VISIBLE DUST EMMISIONS" per BAAQMD regulation 6-305 – Particle Matter and Visible Emissions.

9. Dust control watering will use an approved wetting agent in areas of visible amosite-containing TSI debris.

10. All haul trucks handling soil or loose materials shall be loaded to maintain a minimum 6-inch freeboard on all sides of the cargo compartment and will be covered with tarpaulins or other effective covers to prevent airborne dust or spills.

11. Limit the areas of excavation and dust control at any one time as much as possible.

Asbestos Dust Mitigation Plan

In addition to incorporation of the dust control measures introduced under the Air Pollution Control Plan above, areas of one (1) acre or greater shall comply with the dust mitigative measures approved by the Air Pollution Control Officer (APCO) locally enforced by the Bay Area Air Quality Management District (BAAQMD) for the Asbestos Dust Mitigation Plan, including one or more of the following provisions:

1. Visible track-out at paved public roads shall be removed at any location where vehicles exit the work site by using wet sweeping at the end of the work day and at least two (2) other times daily during dirt or equipment moving activities off-site.

2. Track-out shall be prevented by installation of one of the following devices: (1) a gravel pad, (2) a tire shaker, (3) a wheel wash system, (4) extending pavement not less than five (5) consecutive feet from the intersection of any paved road, or (5) any other measures as effective as the measures listed herein.

3. Traffic controls for on-site unpaved roads, parking lots and staging areas shall include one or more of the following: (1) a maximum speed of fifteen miles per hour (15 mph), watering approximately every two (2) hours for active operations or minimum three (3) times daily during non-rainy periods throughout active construction areas, (3) applying chemical dust suppressants according to the manufacturer's directions, or (4) any other measures as effective as the measures listed herein.

4. Earthmoving equipment activities controls for on-site unpaved roads, parking lots and staging areas shall include one or more of the following: (1) pre-wetting the ground to the depth of the anticipated cuts, (2) application of water prior to any land clearing, (3) suspending grading operations when wind speeds are high enough to result in dust emissions across the property's boundaries despite the application of dust mitigative measures, or (4) any other measures as effective as the measures listed herein.

5. Post construction stabilization shall include installation of clean AB soils over suspect ACM areas below the designated excavation depths, as designated by the Port's Environmental Consultant.

IX. Monitoring and Clearance

Asbestos Clearance Requirements (includes budgeted # of samples):

Remediated Soils	X Visual Only	___ PCM/zone	___ TEM/zone

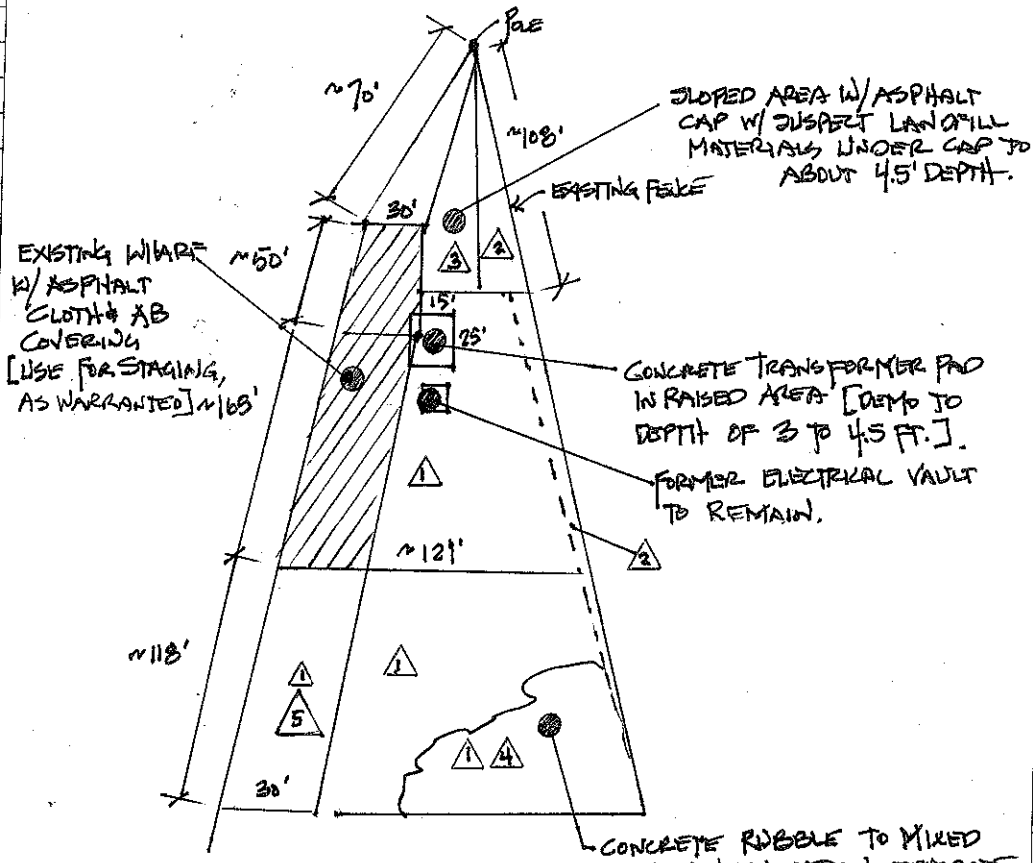
X. Diagrams

See the Sketch for areas of impact.

Consultant's Signature: Glenn R. Cass, CAC #92-0092 	Date: 10/18/06
Contractor's Signature	Date:

SCA Environmental, Inc. 334 19th Street Oakland, CA 94612 tel: (510) 645-6200 fax: (510) 839-6200		
	Title:	APL WEDGE AREA REMEDIATION AREA
	Project:	
	Project No:	B-8027
	Drawn By:	G. CASS
	Checked By:	
	Date:	9/25/06; REVISED 10/18/06 Scale: NTS

Figure



NOTES:

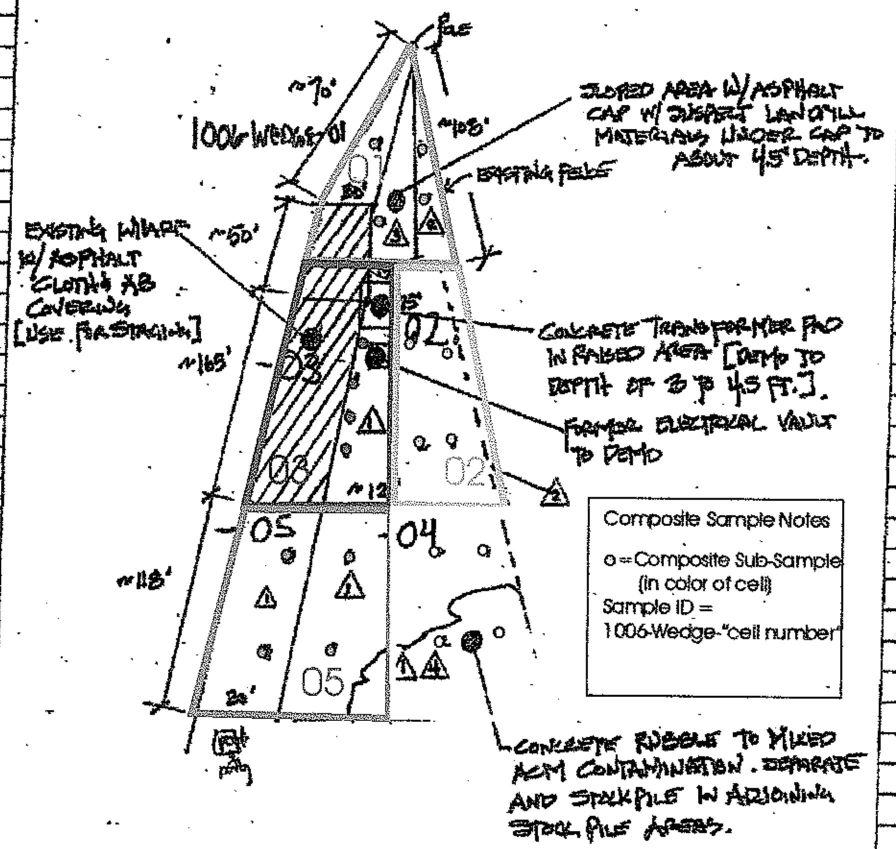
1. EXCAVATE 1-FT DEPTH, TYPICAL
2. NO EXCAVATION REQUIRED ADJOINING FENCE OR AS INDICATED
3. SUSPECT LANDFILL AREA UNDER ASPHALT CAP.
4. CONCRETE RUBBLE AREA TO DECONTAMINATE
5. REMEDIATE THIS ACCESS AREA INITIALLY AND INSTALL 6-INCH DEPTH OF CRUSHED AGGREGATE AVAILABLE ON-SITE FOR ACCESS TO THE WHARF STAGING/SEGREGATION AREA.

sketch book overlay

CA
Environmental, Inc.
334 19th Street
Oakland, CA 94612
tel: (510) 645-6200
fax: (510) 839-6200

Title:	APL WEDGE AREA REMEDIATION AREA
Project:	
Project No:	B-8027
Drawn By:	G CASS
Checked By:	
Date:	9/25/06
Scale:	NTS
Figure	

Dawn
627
1185



NOTES:

1. EXCAVATE 1 FT DEPTH, TYPICAL
2. NO EXCAVATION REQUIRED ADJOINING FENCE OR AS INDICATED
3. SUSPECT LANDFILL AREA UNDER ASPHALT CAP.
4. CONCRETE RUBBLE AREA TO DECONTAMINATE

sketch book overlay

Appendix B

SCA's Soil Sampling and Waste Characterization Results

SCA Environmental, Inc.

190108

Chain of Custody

SCA Contact: Kenn Conner
Sampler: (Sign) ML/AT [signature]
Project Name/Number: B8027
Laboratory: C+T
Contact Phone/Pager No.: 510-282-9142
Date Shipped: 10/16/06
Carrier: HAND

ANALYSIS/METHOD NUMBER

	Sample Date MM/DD/YY	Sample Time	Sample ID	Lab ID	Matrix	Number of Containers	Type of Containers	8260 VOCs	8270 SVOCs	8015m TPH-DIESEL	8015m TPH-MOTOR OIL	CAM-17 METALS	8082 PCBs	PLM			Instructions/Remarks
-1	101606	1045	1006-WEDGE-01		S	3	glass	X	X	X	X	X	X	X			
-2	101606	1105	1006-WEDGE-02		↓	↓	↓	X	X	X	X	X	X	X			
-3	101606	1125	1006-WEDGE-03		↓	↓	↓	X	X	X	X	X	X	X			
-4	101606	1155	1006-WEDGE-04		↓	↓	↓	X	X	X	X	X	X	X			
-5	101606	1225	1006-WEDGE-05		↓	↓	↓	X	X	X	X	X	X	X			
-6	101606		TRIP BLK		W	1	glass	X									
N/A	101606		TEMP BLK		W	1	glass										4.3°C ZGW 10-16-06

Relinquished by: [signature] Date/Time: 10/16/06 1320 Received by: [signature] 10/16/06 1:20pm
Relinquished by: Date/Time: Received by: [signature]
Relinquished by: Date/Time: Received by:

Total for Each Analysis

Instructions/Remarks: 4.3°C ZGW 10-16-06

☐ PROVIDE ELECTRONIC COPY OF REPORT (DISK) REC'D on ice [initials]

Turnaround Requested: Standard (~~2 Week~~) ☒ 5d. POK One Week ☐ 24-48 Hour ☐ Other: 5 day

Sample Disposal: Return to Client ☐ Disposal by Lab ☒

Lab Methodology Reference: QAPP ☐ CDQMP ☐ SW-846 only ☒

Report to: SCA Environmental
Attn: KENN CONNER
☐ 165 10th Street, Suite 100, San Francisco, CA 94103, (415) 703 - 8500
☒ 334 19th Street, 2nd Floor, Oakland, CA 94612, (510) 645 - 6200

LAB TO COMPLETE
Technician:
Invoice No.:
Lab Report No.:
Comments:

← #samples
← unit cost
← Total to Invoice:

SCA Contact Approval:

SCA Checklist: ☒ Hold Times ☒ Custody Seals ☒ Ice ☒ Preservatives

White: Return To Client With Report Yellow: Lab Copy Pink: SCA Copy

COC No. 1253

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	10/16/06
Units:	mg/Kg	Received:	10/16/06
Basis:	as received	Prepared:	10/19/06
Batch#:	118571		

Field ID:	1006-WEDGE-01	Diln Fac:	20.00
Type:	SAMPLE	Analyzed:	10/19/06
Lab ID:	190108-001	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	830 H Y	20
Motor Oil C24-C36	1,800 H L	100

Surrogate	%REC	Limits
Hexacosane	DO	48-130

Field ID:	1006-WEDGE-02	Diln Fac:	2.000
Type:	SAMPLE	Analyzed:	10/20/06
Lab ID:	190108-002	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	18 H Y	2.0
Motor Oil C24-C36	150 H	10

Surrogate	%REC	Limits
Hexacosane	90	48-130

Field ID:	1006-WEDGE-03	Diln Fac:	10.00
Type:	SAMPLE	Analyzed:	10/19/06
Lab ID:	190108-003	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	200 H Y	9.9
Motor Oil C24-C36	660 H L	50

Surrogate	%REC	Limits
Hexacosane	DO	48-130

Field ID:	1006-WEDGE-04	Diln Fac:	20.00
Type:	SAMPLE	Analyzed:	10/19/06
Lab ID:	190108-004	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	320 H Y	20
Motor Oil C24-C36	1,100 H L	99

Surrogate	%REC	Limits
Hexacosane	DO	48-130

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	SHAKER TABLE
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	10/16/06
Units:	mg/Kg	Received:	10/16/06
Basis:	as received	Prepared:	10/19/06
Batch#:	118571		

Field ID:	1006-WEDGE-05	Diln Fac:	10.00
Type:	SAMPLE	Analyzed:	10/20/06
Lab ID:	190108-005	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	430 H Y	10
Motor Oil C24-C36	1,100 H L	50

Surrogate	%REC	Limits
Hexacosane	DO	48-130

Type:	BLANK	Analyzed:	10/19/06
Lab ID:	QC360920	Cleanup Method:	EPA 3630C
Diln Fac:	1.000		

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
Hexacosane	90	48-130

H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	TRIP BLK	Batch#:	118593
Lab ID:	190108-006	Sampled:	10/16/06
Matrix:	Water	Received:	10/16/06
Units:	ug/L	Analyzed:	10/20/06
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	TRIP BLK	Batch#:	118593
Lab ID:	190108-006	Sampled:	10/16/06
Matrix:	Water	Received:	10/16/06
Units:	ug/L	Analyzed:	10/20/06
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	104	80-120
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	100	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-01	Diln Fac:	0.9615
Lab ID:	190108-001	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	24
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	510 >LR b	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-01	Diln Fac:	0.9615
Lab ID:	190108-001	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	117	79-120
1,2-Dichloroethane-d4	129	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	106	80-126

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-02	Dil'n Fac:	1.000
Lab ID:	190108-002	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	25
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	160 >LR b	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-02	Diln Fac:	1.000
Lab ID:	190108-002	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	112	79-120
1,2-Dichloroethane-d4	124	76-130
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-126

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-03	Diln Fac:	0.8621
Lab ID:	190108-003	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
Freon 12	ND	8.6
Chloromethane	ND	8.6
Vinyl Chloride	ND	8.6
Bromomethane	ND	8.6
Chloroethane	ND	8.6
Trichlorofluoromethane	ND	4.3
Acetone	ND	22
Freon 113	ND	4.3
1,1-Dichloroethene	ND	4.3
Methylene Chloride	420 >LR b	17
Carbon Disulfide	ND	4.3
MTBE	ND	4.3
trans-1,2-Dichloroethene	ND	4.3
Vinyl Acetate	ND	43
1,1-Dichloroethane	ND	4.3
2-Butanone	ND	8.6
cis-1,2-Dichloroethene	ND	4.3
2,2-Dichloropropane	ND	4.3
Chloroform	ND	4.3
Bromochloromethane	ND	4.3
1,1,1-Trichloroethane	ND	4.3
1,1-Dichloropropene	ND	4.3
Carbon Tetrachloride	ND	4.3
1,2-Dichloroethane	ND	4.3
Benzene	ND	4.3
Trichloroethene	ND	4.3
1,2-Dichloropropane	ND	4.3
Bromodichloromethane	ND	4.3
Dibromomethane	ND	4.3
4-Methyl-2-Pentanone	ND	8.6
cis-1,3-Dichloropropene	ND	4.3
Toluene	ND	4.3
trans-1,3-Dichloropropene	ND	4.3
1,1,2-Trichloroethane	ND	4.3
2-Hexanone	ND	8.6
1,3-Dichloropropane	ND	4.3
Tetrachloroethene	ND	4.3
Dibromochloromethane	ND	4.3
1,2-Dibromoethane	ND	4.3
Chlorobenzene	ND	4.3
1,1,1,2-Tetrachloroethane	ND	4.3
Ethylbenzene	ND	4.3
m,p-Xylenes	ND	4.3
o-Xylene	ND	4.3
Styrene	ND	4.3
Bromoform	ND	4.3
Isopropylbenzene	ND	4.3
1,1,2,2-Tetrachloroethane	ND	4.3
1,2,3-Trichloropropane	ND	4.3
Propylbenzene	ND	4.3
Bromobenzene	ND	4.3

*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-03	Diln Fac:	0.8621
Lab ID:	190108-003	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
1,3,5-Trimethylbenzene	ND	4.3
2-Chlorotoluene	ND	4.3
4-Chlorotoluene	ND	4.3
tert-Butylbenzene	ND	4.3
1,2,4-Trimethylbenzene	ND	4.3
sec-Butylbenzene	ND	4.3
para-Isopropyl Toluene	ND	4.3
1,3-Dichlorobenzene	ND	4.3
1,4-Dichlorobenzene	ND	4.3
n-Butylbenzene	ND	4.3
1,2-Dichlorobenzene	ND	4.3
1,2-Dibromo-3-Chloropropane	ND	4.3
1,2,4-Trichlorobenzene	ND	4.3
Hexachlorobutadiene	ND	4.3
Naphthalene	ND	4.3
1,2,3-Trichlorobenzene	ND	4.3

Surrogate	%REC	Limits
Dibromofluoromethane	121 *	79-120
1,2-Dichloroethane-d4	128	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	105	80-126

*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-04	Diln Fac:	0.9615
Lab ID:	190108-004	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
Freon 12	ND	9.6
Chloromethane	ND	9.6
Vinyl Chloride	ND	9.6
Bromomethane	ND	9.6
Chloroethane	ND	9.6
Trichlorofluoromethane	ND	4.8
Acetone	ND	24
Freon 113	ND	4.8
1,1-Dichloroethene	ND	4.8
Methylene Chloride	240 >LR b	19
Carbon Disulfide	ND	4.8
MTBE	ND	4.8
trans-1,2-Dichloroethene	ND	4.8
Vinyl Acetate	ND	48
1,1-Dichloroethane	ND	4.8
2-Butanone	ND	9.6
cis-1,2-Dichloroethene	ND	4.8
2,2-Dichloropropane	ND	4.8
Chloroform	ND	4.8
Bromochloromethane	ND	4.8
1,1,1-Trichloroethane	ND	4.8
1,1-Dichloropropene	ND	4.8
Carbon Tetrachloride	ND	4.8
1,2-Dichloroethane	ND	4.8
Benzene	ND	4.8
Trichloroethene	ND	4.8
1,2-Dichloropropane	ND	4.8
Bromodichloromethane	ND	4.8
Dibromomethane	ND	4.8
4-Methyl-2-Pentanone	ND	9.6
cis-1,3-Dichloropropene	ND	4.8
Toluene	ND	4.8
trans-1,3-Dichloropropene	ND	4.8
1,1,2-Trichloroethane	ND	4.8
2-Hexanone	ND	9.6
1,3-Dichloropropane	ND	4.8
Tetrachloroethene	ND	4.8
Dibromochloromethane	ND	4.8
1,2-Dibromoethane	ND	4.8
Chlorobenzene	ND	4.8
1,1,1,2-Tetrachloroethane	ND	4.8
Ethylbenzene	ND	4.8
m,p-Xylenes	ND	4.8
o-Xylene	ND	4.8
Styrene	ND	4.8
Bromoform	ND	4.8
Isopropylbenzene	ND	4.8
1,1,2,2-Tetrachloroethane	ND	4.8
1,2,3-Trichloropropane	ND	4.8
Propylbenzene	ND	4.8
Bromobenzene	ND	4.8
1,3,5-Trimethylbenzene	ND	4.8

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-04	Diln Fac:	0.9615
Lab ID:	190108-004	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
2-Chlorotoluene	ND	4.8
4-Chlorotoluene	ND	4.8
tert-Butylbenzene	ND	4.8
1,2,4-Trimethylbenzene	ND	4.8
sec-Butylbenzene	ND	4.8
para-Isopropyl Toluene	ND	4.8
1,3-Dichlorobenzene	ND	4.8
1,4-Dichlorobenzene	ND	4.8
n-Butylbenzene	ND	4.8
1,2-Dichlorobenzene	ND	4.8
1,2-Dibromo-3-Chloropropane	ND	4.8
1,2,4-Trichlorobenzene	ND	4.8
Hexachlorobutadiene	ND	4.8
Naphthalene	ND	4.8
1,2,3-Trichlorobenzene	ND	4.8

Surrogate	%REC	Limits
Dibromofluoromethane	120	79-120
1,2-Dichloroethane-d4	129	76-130
Toluene-d8	97	80-120
Bromofluorobenzene	106	80-126

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-05	Diln Fac:	0.9434
Lab ID:	190108-005	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
Freon 12	ND	9.4
Chloromethane	ND	9.4
Vinyl Chloride	ND	9.4
Bromomethane	ND	9.4
Chloroethane	ND	9.4
Trichlorofluoromethane	ND	4.7
Acetone	ND	24
Freon 113	ND	4.7
1,1-Dichloroethene	ND	4.7
Methylene Chloride	360 >LR b	19
Carbon Disulfide	ND	4.7
MTBE	ND	4.7
trans-1,2-Dichloroethene	ND	4.7
Vinyl Acetate	ND	47
1,1-Dichloroethane	ND	4.7
2-Butanone	ND	9.4
cis-1,2-Dichloroethene	ND	4.7
2,2-Dichloropropane	ND	4.7
Chloroform	ND	4.7
Bromochloromethane	ND	4.7
1,1,1-Trichloroethane	ND	4.7
1,1-Dichloropropene	ND	4.7
Carbon Tetrachloride	ND	4.7
1,2-Dichloroethane	ND	4.7
Benzene	ND	4.7
Trichloroethene	ND	4.7
1,2-Dichloropropane	ND	4.7
Bromodichloromethane	ND	4.7
Dibromomethane	ND	4.7
4-Methyl-2-Pentanone	ND	9.4
cis-1,3-Dichloropropene	ND	4.7
Toluene	ND	4.7
trans-1,3-Dichloropropene	ND	4.7
1,1,2-Trichloroethane	ND	4.7
2-Hexanone	ND	9.4
1,3-Dichloropropane	ND	4.7
Tetrachloroethene	ND	4.7
Dibromochloromethane	ND	4.7
1,2-Dibromoethane	ND	4.7
Chlorobenzene	ND	4.7
1,1,1,2-Tetrachloroethane	ND	4.7
Ethylbenzene	ND	4.7
m,p-Xylenes	ND	4.7
o-Xylene	ND	4.7
Styrene	ND	4.7
Bromoform	ND	4.7
Isopropylbenzene	ND	4.7
1,1,2,2-Tetrachloroethane	ND	4.7
1,2,3-Trichloropropane	ND	4.7
Propylbenzene	ND	4.7
Bromobenzene	ND	4.7
1,3,5-Trimethylbenzene	ND	4.7

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	1006-WEDGE-05	Diln Fac:	0.9434
Lab ID:	190108-005	Batch#:	118561
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Analyzed:	10/19/06

Analyte	Result	RL
2-Chlorotoluene	ND	4.7
4-Chlorotoluene	ND	4.7
tert-Butylbenzene	ND	4.7
1,2,4-Trimethylbenzene	ND	4.7
sec-Butylbenzene	ND	4.7
para-Isopropyl Toluene	ND	4.7
1,3-Dichlorobenzene	ND	4.7
1,4-Dichlorobenzene	ND	4.7
n-Butylbenzene	ND	4.7
1,2-Dichlorobenzene	ND	4.7
1,2-Dibromo-3-Chloropropane	ND	4.7
1,2,4-Trichlorobenzene	ND	4.7
Hexachlorobutadiene	ND	4.7
Naphthalene	ND	4.7
1,2,3-Trichlorobenzene	ND	4.7

Surrogate	%REC	Limits
Dibromofluoromethane	119	79-120
1,2-Dichloroethane-d4	129	76-130
Toluene-d8	98	80-120
Bromofluorobenzene	107	80-126

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-01	Batch#:	118483
Lab ID:	190108-001	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/18/06
Diln Fac:	25.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	17,000
Phenol	ND	17,000
bis(2-Chloroethyl)ether	ND	17,000
2-Chlorophenol	ND	17,000
1,3-Dichlorobenzene	ND	17,000
1,4-Dichlorobenzene	ND	17,000
Benzyl alcohol	ND	17,000
1,2-Dichlorobenzene	ND	17,000
2-Methylphenol	ND	17,000
bis(2-Chloroisopropyl) ether	ND	17,000
4-Methylphenol	ND	17,000
N-Nitroso-di-n-propylamine	ND	17,000
Hexachloroethane	ND	17,000
Nitrobenzene	ND	17,000
Isophorone	ND	17,000
2-Nitrophenol	ND	34,000
2,4-Dimethylphenol	ND	17,000
Benzoic acid	ND	84,000
bis(2-Chloroethoxy)methane	ND	17,000
2,4-Dichlorophenol	ND	17,000
1,2,4-Trichlorobenzene	ND	17,000
Naphthalene	ND	3,400
4-Chloroaniline	ND	17,000
Hexachlorobutadiene	ND	17,000
4-Chloro-3-methylphenol	ND	17,000
2-Methylnaphthalene	ND	3,400
Hexachlorocyclopentadiene	ND	34,000
2,4,6-Trichlorophenol	ND	17,000
2,4,5-Trichlorophenol	ND	17,000
2-Chloronaphthalene	ND	17,000
2-Nitroaniline	ND	34,000
Dimethylphthalate	ND	17,000
Acenaphthylene	5,500	3,400
2,6-Dinitrotoluene	ND	17,000
3-Nitroaniline	ND	34,000
Acenaphthene	ND	3,400
2,4-Dinitrophenol	ND	34,000
4-Nitrophenol	ND	34,000
Dibenzofuran	ND	17,000
2,4-Dinitrotoluene	ND	17,000
Diethylphthalate	ND	17,000
Fluorene	ND	3,400
4-Chlorophenyl-phenylether	ND	17,000
4-Nitroaniline	ND	34,000
4,6-Dinitro-2-methylphenol	ND	34,000
N-Nitrosodiphenylamine	ND	17,000
Azobenzene	ND	17,000
4-Bromophenyl-phenylether	ND	17,000
Hexachlorobenzene	ND	17,000
Pentachlorophenol	ND	34,000
Phenanthrene	10,000	3,400
Anthracene	ND	3,400

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-01	Batch#:	118483
Lab ID:	190108-001	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/18/06
Diln Fac:	25.00		

Analyte	Result	RL
Di-n-butylphthalate	ND	17,000
Fluoranthene	34,000	3,400
Pyrene	46,000	3,400
Butylbenzylphthalate	ND	17,000
3,3'-Dichlorobenzidine	ND	34,000
Benzo(a)anthracene	9,300	3,400
Chrysene	15,000	3,400
bis(2-Ethylhexyl)phthalate	ND	17,000
Di-n-octylphthalate	ND	17,000
Benzo(b)fluoranthene	16,000	3,400
Benzo(k)fluoranthene	19,000	3,400
Benzo(a)pyrene	27,000	3,400
Indeno(1,2,3-cd)pyrene	16,000	3,400
Dibenz(a,h)anthracene	ND	3,400
Benzo(g,h,i)perylene	24,000	3,400

Surrogate	%REC	Limits
2-Fluorophenol	DO	38-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	46-120
2-Fluorobiphenyl	DO	49-120
Terphenyl-d14	DO	36-120

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-02	Batch#:	118483
Lab ID:	190108-002	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/18/06
Diln Fac:	5.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	3,300
Phenol	ND	3,300
bis(2-Chloroethyl)ether	ND	3,300
2-Chlorophenol	ND	3,300
1,3-Dichlorobenzene	ND	3,300
1,4-Dichlorobenzene	ND	3,300
Benzyl alcohol	ND	3,300
1,2-Dichlorobenzene	ND	3,300
2-Methylphenol	ND	3,300
bis(2-Chloroisopropyl) ether	ND	3,300
4-Methylphenol	ND	3,300
N-Nitroso-di-n-propylamine	ND	3,300
Hexachloroethane	ND	3,300
Nitrobenzene	ND	3,300
Isophorone	ND	3,300
2-Nitrophenol	ND	6,700
2,4-Dimethylphenol	ND	3,300
Benzoic acid	ND	17,000
bis(2-Chloroethoxy)methane	ND	3,300
2,4-Dichlorophenol	ND	3,300
1,2,4-Trichlorobenzene	ND	3,300
Naphthalene	ND	670
4-Chloroaniline	ND	3,300
Hexachlorobutadiene	ND	3,300
4-Chloro-3-methylphenol	ND	3,300
2-Methylnaphthalene	ND	670
Hexachlorocyclopentadiene	ND	6,700
2,4,6-Trichlorophenol	ND	3,300
2,4,5-Trichlorophenol	ND	3,300
2-Chloronaphthalene	ND	3,300
2-Nitroaniline	ND	6,700
Dimethylphthalate	ND	3,300
Acenaphthylene	ND	670
2,6-Dinitrotoluene	ND	3,300
3-Nitroaniline	ND	6,700
Acenaphthene	ND	670
2,4-Dinitrophenol	ND	6,700
4-Nitrophenol	ND	6,700
Dibenzofuran	ND	3,300
2,4-Dinitrotoluene	ND	3,300
Diethylphthalate	ND	3,300
Fluorene	ND	670
4-Chlorophenyl-phenylether	ND	3,300
4-Nitroaniline	ND	6,700
4,6-Dinitro-2-methylphenol	ND	6,700
N-Nitrosodiphenylamine	ND	3,300
Azobenzene	ND	3,300
4-Bromophenyl-phenylether	ND	3,300
Hexachlorobenzene	ND	3,300
Pentachlorophenol	ND	6,700
Phenanthrene	ND	670
Anthracene	ND	670

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-02	Batch#:	118483
Lab ID:	190108-002	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/18/06
Diln Fac:	5.000		

Analyte	Result	RL
Di-n-butylphthalate	ND	3,300
Fluoranthene	ND	670
Pyrene	690	670
Butylbenzylphthalate	ND	3,300
3,3'-Dichlorobenzidine	ND	6,700
Benzo(a)anthracene	ND	670
Chrysene	ND	670
bis(2-Ethylhexyl)phthalate	ND	3,300
Di-n-octylphthalate	ND	3,300
Benzo(b)fluoranthene	ND	670
Benzo(k)fluoranthene	ND	670
Benzo(a)pyrene	ND	670
Indeno(1,2,3-cd)pyrene	ND	670
Dibenz(a,h)anthracene	ND	670
Benzo(g,h,i)perylene	ND	670

Surrogate	%REC	Limits
2-Fluorophenol	DO	38-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	46-120
2-Fluorobiphenyl	DO	49-120
Terphenyl-d14	DO	36-120

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-03	Batch#:	118483
Lab ID:	190108-003	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/18/06
Diln Fac:	25.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	8,300
Phenol	ND	8,300
bis(2-Chloroethyl)ether	ND	8,300
2-Chlorophenol	ND	8,300
1,3-Dichlorobenzene	ND	8,300
1,4-Dichlorobenzene	ND	8,300
Benzyl alcohol	ND	8,300
1,2-Dichlorobenzene	ND	8,300
2-Methylphenol	ND	8,300
bis(2-Chloroisopropyl) ether	ND	8,300
4-Methylphenol	ND	8,300
N-Nitroso-di-n-propylamine	ND	8,300
Hexachloroethane	ND	8,300
Nitrobenzene	ND	8,300
Isophorone	ND	8,300
2-Nitrophenol	ND	17,000
2,4-Dimethylphenol	ND	8,300
Benzoic acid	ND	41,000
bis(2-Chloroethoxy)methane	ND	8,300
2,4-Dichlorophenol	ND	8,300
1,2,4-Trichlorobenzene	ND	8,300
Naphthalene	ND	1,700
4-Chloroaniline	ND	8,300
Hexachlorobutadiene	ND	8,300
4-Chloro-3-methylphenol	ND	8,300
2-Methylnaphthalene	ND	1,700
Hexachlorocyclopentadiene	ND	17,000
2,4,6-Trichlorophenol	ND	8,300
2,4,5-Trichlorophenol	ND	8,300
2-Chloronaphthalene	ND	8,300
2-Nitroaniline	ND	17,000
Dimethylphthalate	ND	8,300
Acenaphthylene	ND	1,700
2,6-Dinitrotoluene	ND	8,300
3-Nitroaniline	ND	17,000
Acenaphthene	ND	1,700
2,4-Dinitrophenol	ND	17,000
4-Nitrophenol	ND	17,000
Dibenzofuran	ND	8,300
2,4-Dinitrotoluene	ND	8,300
Diethylphthalate	ND	8,300
Fluorene	ND	1,700
4-Chlorophenyl-phenylether	ND	8,300
4-Nitroaniline	ND	17,000
4,6-Dinitro-2-methylphenol	ND	17,000
N-Nitrosodiphenylamine	ND	8,300
Azobenzene	ND	8,300
4-Bromophenyl-phenylether	ND	8,300
Hexachlorobenzene	ND	8,300
Pentachlorophenol	ND	17,000
Phenanthrene	ND	1,700
Anthracene	ND	1,700

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-03	Batch#:	118483
Lab ID:	190108-003	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/18/06
Diln Fac:	25.00		

Analyte	Result	RL
Di-n-butylphthalate	ND	8,300
Fluoranthene	3,700	1,700
Pyrene	5,400	1,700
Butylbenzylphthalate	ND	8,300
3,3'-Dichlorobenzidine	ND	17,000
Benzo(a)anthracene	ND	1,700
Chrysene	2,300	1,700
bis(2-Ethylhexyl)phthalate	ND	8,300
Di-n-octylphthalate	ND	8,300
Benzo(b)fluoranthene	2,200	1,700
Benzo(k)fluoranthene	3,000	1,700
Benzo(a)pyrene	3,900	1,700
Indeno(1,2,3-cd)pyrene	2,100	1,700
Dibenz(a,h)anthracene	ND	1,700
Benzo(g,h,i)perylene	3,100	1,700

Surrogate	%REC	Limits
2-Fluorophenol	DO	38-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	46-120
2-Fluorobiphenyl	DO	49-120
Terphenyl-d14	DO	36-120

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-04	Batch#:	118483
Lab ID:	190108-004	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/19/06
Diln Fac:	10.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	6,700
Phenol	ND	6,700
bis(2-Chloroethyl)ether	ND	6,700
2-Chlorophenol	ND	6,700
1,3-Dichlorobenzene	ND	6,700
1,4-Dichlorobenzene	ND	6,700
Benzyl alcohol	ND	6,700
1,2-Dichlorobenzene	ND	6,700
2-Methylphenol	ND	6,700
bis(2-Chloroisopropyl) ether	ND	6,700
4-Methylphenol	ND	6,700
N-Nitroso-di-n-propylamine	ND	6,700
Hexachloroethane	ND	6,700
Nitrobenzene	ND	6,700
Isophorone	ND	6,700
2-Nitrophenol	ND	13,000
2,4-Dimethylphenol	ND	6,700
Benzoic acid	ND	33,000
bis(2-Chloroethoxy)methane	ND	6,700
2,4-Dichlorophenol	ND	6,700
1,2,4-Trichlorobenzene	ND	6,700
Naphthalene	ND	1,300
4-Chloroaniline	ND	6,700
Hexachlorobutadiene	ND	6,700
4-Chloro-3-methylphenol	ND	6,700
2-Methylnaphthalene	ND	1,300
Hexachlorocyclopentadiene	ND	13,000
2,4,6-Trichlorophenol	ND	6,700
2,4,5-Trichlorophenol	ND	6,700
2-Chloronaphthalene	ND	6,700
2-Nitroaniline	ND	13,000
Dimethylphthalate	ND	6,700
Acenaphthylene	ND	1,300
2,6-Dinitrotoluene	ND	6,700
3-Nitroaniline	ND	13,000
Acenaphthene	ND	1,300
2,4-Dinitrophenol	ND	13,000
4-Nitrophenol	ND	13,000
Dibenzofuran	ND	6,700
2,4-Dinitrotoluene	ND	6,700
Diethylphthalate	ND	6,700
Fluorene	ND	1,300
4-Chlorophenyl-phenylether	ND	6,700
4-Nitroaniline	ND	13,000
4,6-Dinitro-2-methylphenol	ND	13,000
N-Nitrosodiphenylamine	ND	6,700
Azobenzene	ND	6,700
4-Bromophenyl-phenylether	ND	6,700
Hexachlorobenzene	ND	6,700
Pentachlorophenol	ND	13,000
Phenanthrene	ND	1,300
Anthracene	ND	1,300

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-04	Batch#:	118483
Lab ID:	190108-004	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/19/06
Diln Fac:	10.00		

Analyte	Result	RL
Di-n-butylphthalate	ND	6,700
Fluoranthene	ND	1,300
Pyrene	ND	1,300
Butylbenzylphthalate	ND	6,700
3,3'-Dichlorobenzidine	ND	13,000
Benzo(a)anthracene	ND	1,300
Chrysene	ND	1,300
bis(2-Ethylhexyl)phthalate	ND	6,700
Di-n-octylphthalate	ND	6,700
Benzo(b)fluoranthene	ND	1,300
Benzo(k)fluoranthene	ND	1,300
Benzo(a)pyrene	ND	1,300
Indeno(1,2,3-cd)pyrene	ND	1,300
Dibenz(a,h)anthracene	ND	1,300
Benzo(g,h,i)perylene	ND	1,300

Surrogate	%REC	Limits
2-Fluorophenol	DO	38-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	46-120
2-Fluorobiphenyl	DO	49-120
Terphenyl-d14	DO	36-120

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-05	Batch#:	118483
Lab ID:	190108-005	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/19/06
Diln Fac:	10.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	6,700
Phenol	ND	6,700
bis(2-Chloroethyl)ether	ND	6,700
2-Chlorophenol	ND	6,700
1,3-Dichlorobenzene	ND	6,700
1,4-Dichlorobenzene	ND	6,700
Benzyl alcohol	ND	6,700
1,2-Dichlorobenzene	ND	6,700
2-Methylphenol	ND	6,700
bis(2-Chloroisopropyl) ether	ND	6,700
4-Methylphenol	ND	6,700
N-Nitroso-di-n-propylamine	ND	6,700
Hexachloroethane	ND	6,700
Nitrobenzene	ND	6,700
Isophorone	ND	6,700
2-Nitrophenol	ND	13,000
2,4-Dimethylphenol	ND	6,700
Benzoic acid	ND	33,000
bis(2-Chloroethoxy)methane	ND	6,700
2,4-Dichlorophenol	ND	6,700
1,2,4-Trichlorobenzene	ND	6,700
Naphthalene	ND	1,300
4-Chloroaniline	ND	6,700
Hexachlorobutadiene	ND	6,700
4-Chloro-3-methylphenol	ND	6,700
2-Methylnaphthalene	ND	1,300
Hexachlorocyclopentadiene	ND	13,000
2,4,6-Trichlorophenol	ND	6,700
2,4,5-Trichlorophenol	ND	6,700
2-Chloronaphthalene	ND	6,700
2-Nitroaniline	ND	13,000
Dimethylphthalate	ND	6,700
Acenaphthylene	ND	1,300
2,6-Dinitrotoluene	ND	6,700
3-Nitroaniline	ND	13,000
Acenaphthene	ND	1,300
2,4-Dinitrophenol	ND	13,000
4-Nitrophenol	ND	13,000
Dibenzofuran	ND	6,700
2,4-Dinitrotoluene	ND	6,700
Diethylphthalate	ND	6,700
Fluorene	ND	1,300
4-Chlorophenyl-phenylether	ND	6,700
4-Nitroaniline	ND	13,000
4,6-Dinitro-2-methylphenol	ND	13,000
N-Nitrosodiphenylamine	ND	6,700
Azobenzene	ND	6,700
4-Bromophenyl-phenylether	ND	6,700
Hexachlorobenzene	ND	6,700
Pentachlorophenol	ND	13,000
Phenanthrene	ND	1,300
Anthracene	ND	1,300

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Semivolatile Organics by GC/MS

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3550B
Project#:	STANDARD	Analysis:	EPA 8270C
Field ID:	1006-WEDGE-05	Batch#:	118483
Lab ID:	190108-005	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	ug/Kg	Prepared:	10/17/06
Basis:	as received	Analyzed:	10/19/06
Diln Fac:	10.00		

Analyte	Result	RL
Di-n-butylphthalate	ND	6,700
Fluoranthene	ND	1,300
Pyrene	ND	1,300
Butylbenzylphthalate	ND	6,700
3,3'-Dichlorobenzidine	ND	13,000
Benzo(a)anthracene	ND	1,300
Chrysene	ND	1,300
bis(2-Ethylhexyl)phthalate	ND	6,700
Di-n-octylphthalate	ND	6,700
Benzo(b)fluoranthene	ND	1,300
Benzo(k)fluoranthene	ND	1,300
Benzo(a)pyrene	ND	1,300
Indeno(1,2,3-cd)pyrene	ND	1,300
Dibenz(a,h)anthracene	ND	1,300
Benzo(g,h,i)perylene	ND	1,300

Surrogate	%REC	Limits
2-Fluorophenol	DO	38-120
Phenol-d5	DO	36-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	46-120
2-Fluorobiphenyl	DO	49-120
Terphenyl-d14	DO	36-120

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3545
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Prepared:	10/17/06
Diln Fac:	1.000	Analyzed:	10/18/06
Batch#:	118497		

Field ID: 1006-WEDGE-01 Lab ID: 190108-001
Type: SAMPLE Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	58	9.6
Aroclor-1260	130	9.6

Surrogate	%REC	Limits
TCMX	89	61-140
Decachlorobiphenyl	79	50-155

Field ID: 1006-WEDGE-02 Lab ID: 190108-002
Type: SAMPLE Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	ND	9.6
Aroclor-1260	11	9.6

Surrogate	%REC	Limits
TCMX	98	61-140
Decachlorobiphenyl	95	50-155

Field ID: 1006-WEDGE-03 Lab ID: 190108-003
Type: SAMPLE Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	220	9.6
Aroclor-1260	210	9.6

Surrogate	%REC	Limits
TCMX	88	61-140
Decachlorobiphenyl	78	50-155

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	190108	Location:	B8027
Client:	SCA Environmental	Prep:	EPA 3545
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Sampled:	10/16/06
Units:	ug/Kg	Received:	10/16/06
Basis:	as received	Prepared:	10/17/06
Diln Fac:	1.000	Analyzed:	10/18/06
Batch#:	118497		

Field ID: 1006-WEDGE-04 Lab ID: 190108-004
Type: SAMPLE Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	9.5
Aroclor-1221	ND	19
Aroclor-1232	ND	9.5
Aroclor-1242	ND	9.5
Aroclor-1248	ND	9.5
Aroclor-1254	ND	9.5
Aroclor-1260	13	9.5

Surrogate	%REC	Limits
TCMX	84	61-140
Decachlorobiphenyl	66	50-155

Field ID: 1006-WEDGE-05 Lab ID: 190108-005
Type: SAMPLE Cleanup Method: EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	9.5
Aroclor-1221	ND	19
Aroclor-1232	ND	9.5
Aroclor-1242	ND	9.5
Aroclor-1248	ND	9.5
Aroclor-1254	ND	9.5
Aroclor-1260	ND	9.5

Surrogate	%REC	Limits
TCMX	80	61-140
Decachlorobiphenyl	68	50-155

Type: BLANK Cleanup Method: EPA 3665A
Lab ID: QC360595

Analyte	Result	RL
Aroclor-1016	ND	9.6
Aroclor-1221	ND	19
Aroclor-1232	ND	9.6
Aroclor-1242	ND	9.6
Aroclor-1248	ND	9.6
Aroclor-1254	ND	9.6
Aroclor-1260	ND	9.6

Surrogate	%REC	Limits
TCMX	82	61-140
Decachlorobiphenyl	88	50-155

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	190108	Project#:	STANDARD
Client:	SCA Environmental	Location:	B8027
Field ID:	1006-WEDGE-01	Basis:	as received
Lab ID:	190108-001	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	mg/Kg	Prepared:	10/17/06

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	5.6	3.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Arsenic	6.6	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Barium	170	0.50	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Beryllium	0.32	0.10	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Cadmium	1.3	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Chromium	39	0.50	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Cobalt	10	1.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Copper	200	0.50	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Lead	160	0.15	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Mercury	2.4	0.10	5.000	118491	10/17/06	METHOD	EPA 7471A
Molybdenum	ND	1.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Nickel	35	1.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Selenium	ND	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Silver	0.25	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Vanadium	56	0.50	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Zinc	330	1.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	190108	Project#:	STANDARD
Client:	SCA Environmental	Location:	B8027
Field ID:	1006-WEDGE-02	Diln Fac:	1.000
Lab ID:	190108-002	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	mg/Kg	Prepared:	10/17/06
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	ND	3.0	118509	10/18/06	EPA 3050B	EPA 6010B
Arsenic	1.8	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Barium	44	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Beryllium	0.13	0.10	118509	10/18/06	EPA 3050B	EPA 6010B
Cadmium	0.41	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Chromium	30	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Cobalt	4.6	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Copper	12	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Lead	32	0.15	118509	10/18/06	EPA 3050B	EPA 6010B
Mercury	0.10	0.020	118491	10/17/06	METHOD	EPA 7471A
Molybdenum	ND	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Nickel	29	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Selenium	ND	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Silver	ND	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Vanadium	24	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Zinc	41	1.0	118509	10/18/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	190108	Project#:	STANDARD
Client:	SCA Environmental	Location:	B8027
Field ID:	1006-WEDGE-03	Basis:	as received
Lab ID:	190108-003	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	mg/Kg	Prepared:	10/17/06

Analyte	Result	RL	Diln Fac	Batch#	Analyzed	Prep	Analysis
Antimony	9.9	3.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Arsenic	15	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Barium	150	0.50	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Beryllium	0.20	0.10	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Cadmium	2.0	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Chromium	70	0.50	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Cobalt	6.3	1.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Copper	240	0.50	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Lead	1,300	1.4	10.00	118509	10/18/06	EPA 3050B	EPA 6010B
Mercury	3.7	0.18	10.00	118491	10/17/06	METHOD	EPA 7471A
Molybdenum	2.0	1.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Nickel	31	1.0	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Selenium	ND	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Silver	ND	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Vanadium	32	0.50	1.000	118509	10/18/06	EPA 3050B	EPA 6010B
Zinc	830	9.4	10.00	118509	10/18/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	190108	Project#:	STANDARD
Client:	SCA Environmental	Location:	B8027
Field ID:	1006-WEDGE-04	Diln Fac:	1.000
Lab ID:	190108-004	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	mg/Kg	Prepared:	10/17/06
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	4.3	3.0	118509	10/18/06	EPA 3050B	EPA 6010B
Arsenic	3.1	0.26	118509	10/18/06	EPA 3050B	EPA 6010B
Barium	110	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Beryllium	0.21	0.10	118509	10/18/06	EPA 3050B	EPA 6010B
Cadmium	0.92	0.26	118509	10/18/06	EPA 3050B	EPA 6010B
Chromium	27	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Cobalt	5.7	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Copper	24	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Lead	120	0.15	118509	10/18/06	EPA 3050B	EPA 6010B
Mercury	0.19	0.020	118491	10/17/06	METHOD	EPA 7471A
Molybdenum	ND	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Nickel	28	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Selenium	ND	0.26	118509	10/18/06	EPA 3050B	EPA 6010B
Silver	ND	0.26	118509	10/18/06	EPA 3050B	EPA 6010B
Thallium	ND	0.26	118509	10/18/06	EPA 3050B	EPA 6010B
Vanadium	28	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Zinc	210	1.0	118509	10/18/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	190108	Project#:	STANDARD
Client:	SCA Environmental	Location:	B8027
Field ID:	1006-WEDGE-05	Diln Fac:	1.000
Lab ID:	190108-005	Sampled:	10/16/06
Matrix:	Soil	Received:	10/16/06
Units:	mg/Kg	Prepared:	10/17/06
Basis:	as received		

Analyte	Result	RL	Batch#	Analyzed	Prep	Analysis
Antimony	12	3.0	118509	10/18/06	EPA 3050B	EPA 6010B
Arsenic	4.7	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Barium	170	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Beryllium	0.42	0.10	118509	10/18/06	EPA 3050B	EPA 6010B
Cadmium	1.2	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Chromium	8.7	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Cobalt	7.3	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Copper	29	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Lead	53	0.15	118509	10/18/06	EPA 3050B	EPA 6010B
Mercury	0.30	0.020	118491	10/17/06	METHOD	EPA 7471A
Molybdenum	ND	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Nickel	15	1.0	118509	10/18/06	EPA 3050B	EPA 6010B
Selenium	ND	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Silver	0.31	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Thallium	ND	0.25	118509	10/18/06	EPA 3050B	EPA 6010B
Vanadium	27	0.50	118509	10/18/06	EPA 3050B	EPA 6010B
Zinc	120	1.0	118509	10/18/06	EPA 3050B	EPA 6010B

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

Project Number: 190108
Site: B8027

Subcontract Laboratory:
Forensic Analytical
3777 Depot Road
Suite 409
Hayward, CA 94545
(510) 887-8828
ATTN: Jim Flores x8165

Results due: Report Level: II

Please send report to: Lisa Brooker
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
1006-WEDGE-01	10/16 10:45	Soil	ASBESTOS-PLM	190108-001	
1006-WEDGE-02	10/16 11:05	Soil	ASBESTOS-PLM	190108-002	
1006-WEDGE-03	10/16 11:25	Soil	ASBESTOS-PLM	190108-003	
1006-WEDGE-04	10/16 11:55	Soil	ASBESTOS-PLM	190108-004	
1006-WEDGE-05	10/16 12:25	Soil	ASBESTOS-PLM	190108-005	

Notes:	Relinquished By:	Received By:
	Date/Time: 10/17/06 10:30	Date/Time: 10-17-06 1:45

Signature on this form constitutes a firm Purchase Order for the services requested above.

Forensic Analytical

Final Report

Bulk Asbestos Analysis

(EPA Method 600/R-93-116, Visual Area Estimation)

Curtis & Tompkins Ltd
Project Manager

2323 Fifth St
Berkeley, CA 94710

Client ID: 1137
Report Number: B091172
Date Received: 10/17/06
Date Analyzed: 10/19/06
Date Printed: 10/19/06
First Reported: 10/19/06

Job ID/Site: 190108 - B8027

Date(s) Collected: 10/16/2006

FASI Job ID: 1137
Total Samples Submitted: 5
Total Samples Analyzed: 5

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1006-WEDGE-01	10568934						
Layer: Brown Soil			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
1006-WEDGE-02	10568935						
Layer: Brown Soil			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
1006-WEDGE-03	10568936						
Layer: Brown Soil		Amosite	**Trace**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							
1006-WEDGE-04	10568937						
Layer: Brown Soil			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							
1006-WEDGE-05	10568938						
Layer: Brown Soil			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							

James Flores, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

3777 Depot Road, Suite 409, Hayward, CA 94545 / Telephone: (510) 887-8828 (800) 827-FASI / Fax: (510) 887-4218

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Contact: Glenn Cass

Address: SCA Environmental, Inc. - Main
334 19th Street
Oakland, CA 94612

Samples Indicated: 1
Reg. Samples Analyzed: 1
Split Layers Analyzed: 0

Job Site / No. Pier 60, Port of Oakland
B-8027

Report No. 058275
Date Submitted: Sep-26-06
Date Reported: Sep-26-06

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA: 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	DESCRIPTION FIELD / LAB
60-DEBIS-101-1 Lab ID # 606-04602-001	20-30% 1-5%	Chrysotile Amosite	1) None Detected 2) 65-79% Qtz, Tar, Opq, Other m.p. 3) Sep-25-06 4) Sep-26-06	PLM Asbestos Debris-Grey/Black
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

Lab QC Reviewer ____ (signature)

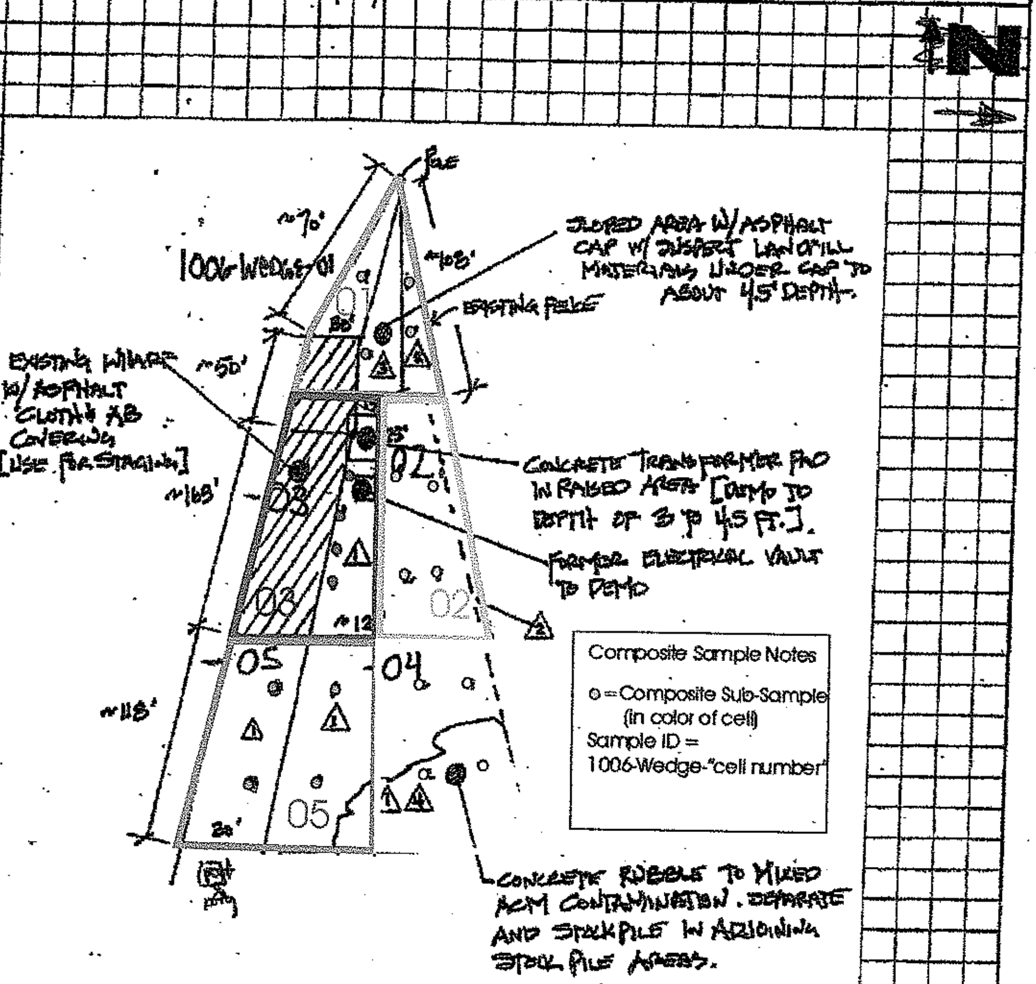
Analyst ____ (signature)

ASBESTOS TEM LABORATORIES, INC.
www.asbestostemlabs.com
630 Bancroft Way, Berkeley CA 94710 **(510) 704-8930**
With Offices in Reno, NV (775) 359-3377

CA
Environmental, Inc.
334 19th Street
Oakland, CA 94612
tel: (510) 645-6200
fax: (510) 839-6200

Title:	APL Wedge Area Remediation Area
Project:	
Project No:	B-8027
Drawn By:	G. Cass
Checked By:	
Date:	9/25/06
Scale:	NTS
Figure	

Dawn
627
1185



Notes:

1. Excavate 1 FT depth, typical
2. No excavation required adjoining fence or as indicated
3. Suspect landfill area under asphalt cap.
4. Concrete rubble area to decontaminate

sketch book overlay

Appendix C

Perimeter Air Sampling Data Sheets and Laboratory Results - Asbestos

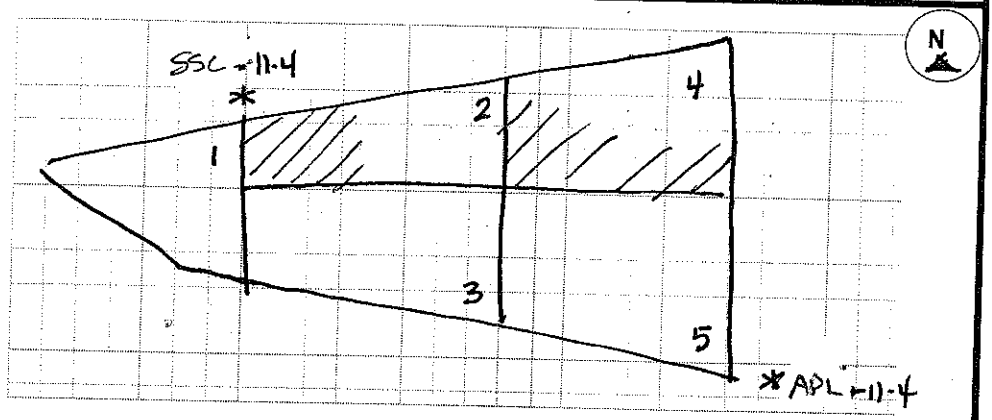
SCA
ENVIRONMENTAL, INC.

☒ 1334 19th St. Oakland, CA 94612 Tel: 510.645.6200 Fax: 510.839.6200

☐ 165 10th St., Suite 100 San Francisco, CA 94103 Tel: 415.703.8500 Fax: 415.703.0701

☐ 9920 S. La Cienega Blvd. Suite 722 Los Angeles, CA 90301 Tel: 301.258.0460 Fax: 301 258.0260

Project Name	Port Berth 60 Wedge Remediation.	SCA Project #
Date 11/4/06	Location	Work Area



⊕ =sample location
▨ =work area

SAMPLE LOCATION DIAGRAM

Filter Diameter		25 / 37mmMCEF
Pore Size		0.45µ/ 0.8µ
Field Area		0.00785 mm²
		N/A
Method	NIOSH 7400	AHERA TEM
	AA FLAME	GraphiteFurnace
Blanks	441790	
Rotometer No.	2277	

SAMPLE LOCATION	SSC-11-4	APL 11-4
START RATE (LPM)	2.0	2.1
STOP RATE (LPM)	2.0	2.1
FT. ABOVE FLOOR	4.5	4.5
SAMPLE I.D.	447102	441785
PUMP I.D.	3155	9378
AVG. FLOW RATE (LPM)	2.0	2.1
TIME ON	6:44AM	7:23AM
TIME OFF	1:58pm.	1:02PM.
SAMPLE TIME (MIN)	434	399
SAMPLE VOL. (L)	868	838
f/cc	<0.0031	<0.0032
s/cc		
µg/m³		
SAMPLE LOCATION		
START RATE (LPM)		
STOP RATE (LPM)		
FT. ABOVE FLOOR		
SAMPLE I.D.		
PUMP I.D.		
AVG. FLOW RATE (LPM)		
TIME ON		
TIME OFF		
SAMPLE TIME (MIN)		
SAMPLE VOL. (L)		
f/cc		
s/cc		
µg/m³		

Activities: Excavation of Soils in Area 2 West and removal of rock stockpile in Area 4 South.

Comments: Dropped SSC-11-4 cassette on ground by accident when unloading.

Sample Type (indicate one): Background ____ Perimeter ✓ Clearance ____ Other ____

Sampled By: Glenn Cass. Analyzed By: AtEM 05847 Reviewed By:

PHASE CONTRAST MICROSCOPY
ANALYTICAL REPORT

Contact: Glenn Cass

Address: SCA Environmental, Inc. - Main
334 19th Street
Oakland, CA 94612

Samples Submitted: 3

Samples Analyzed: 2

Job Site / No.
B-8027

Report No.: 058974

Date Submitted: Nov-06-06

Date Reported: Nov-06-06

SAMPLE ID	FIBERS per CC	95% UCL	FIBERS per FIELDS	FIBERS per FILTER	LOCATION / DESCRIPTION
447702 (SSC-11-4) Lab ID # 606-04685-001	< 0.0031	< 0.0069	< 5.5 / 100	< 2697	Volume(L) Pump Time(Min) Flow Rate(LPM) 868
441785 (APL-11-4) Lab ID # 606-04685-002	< 0.0032	< 0.0032	< 5.5 / 100	< 2697	Volume(L) Pump Time(Min) Flow Rate(LPM) 838
441790 Lab ID # 606-04685-003	NA	NA	NA / 100	NA	Blank Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)

Detection Limit = 7 Fibers/MM2

Lab QC Reviewer [signature]

Analyst [signature]

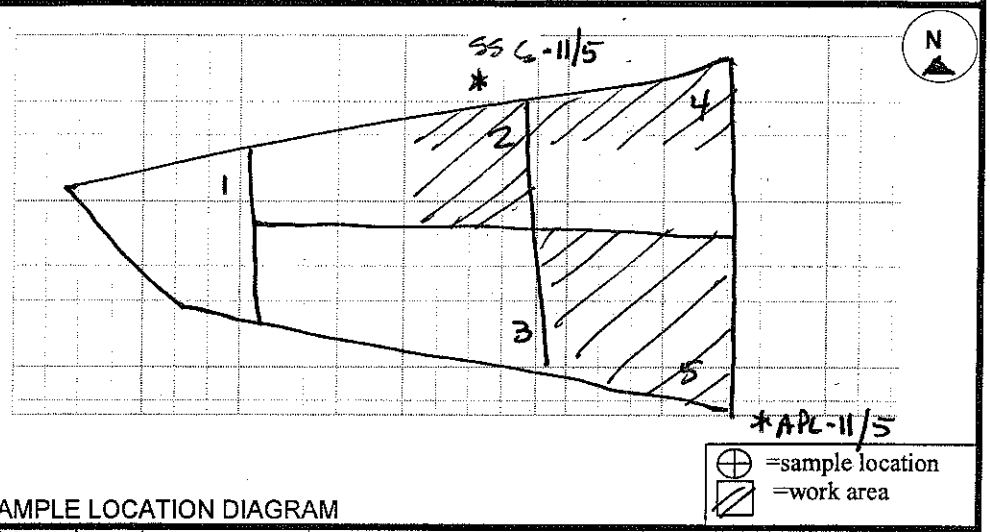
SCA
ENVIRONMENTAL, INC.

☒ 334 19th St. Oakland, CA 94612 Tel: 510.645.6200 Fax: 510.839.6200

☐ 165 10th St., Suite 100 San Francisco, CA 94103 Tel: 415.703.8500 Fax: 415.703.0701

☐ 9920 S. La Cienega Blvd. Suite 722 Los Angeles, CA 90301 Tel: 301.258.0460 Fax: 301 258.0260

Project Name	Port Berth 60 Wedge Remediation	SCA Project #	B-8027
Date	11/5/06	Location	Wedge Area
		Work Area	



SAMPLE LOCATION DIAGRAM

Filter Diameter		25 / 37mmMCEF					
Pore Size		0.45µ/ 0.8µ					
Field Area		0.00785 mm²					
		N/A					
Method	NIOSH 7400	AHERA TEM					
	AA FLAME	GraphiteFurnace					
Blanks	447687						
Rotometer No.		2277					
SAMPLE LOCATION		SSC 11/5	APC-11/5				
START RATE (LPM)		2.0	2.1				
STOP RATE (LPM)		2.0	2.1				
FT. ABOVE FLOOR		3	4.5				
SAMPLE I.D.		447692	447697				
PUMP I.D.		3155	9378				
AVG. FLOW RATE (LPM)		2.0	2.1				
TIME ON		6:55AM	7:02AM				
TIME OFF		12:02 PM	12:04 PM				
SAMPLE TIME (MIN)		307	302				
SAMPLE VOL. (L)		614	634				
f/cc		<0.0044	<0.0043				
s/cc							
µg/m³							
SAMPLE LOCATION							
START RATE (LPM)							
STOP RATE (LPM)							
FT. ABOVE FLOOR							
SAMPLE I.D.							
PUMP I.D.							
AVG. FLOW RATE (LPM)							
TIME ON							
TIME OFF							
SAMPLE TIME (MIN)							
SAMPLE VOL. (L)							
f/cc							
s/cc							
µg/m³							

Activities: Excavating soils @ Area 2 east, throughout Area 5 and rock stockpile removal @ Area 4 north.

Comments: Soils were dry today and watering required almost full time.

Sample Type (indicate one): Background____ Perimeter ✓ Clearance____ Other____

Sampled By: G. Cash Analyzed By: ATEM. 058977 Reviewed By:

PHASE CONTRAST MICROSCOPY
ANALYTICAL REPORT

Contact: Glenn Cass

Address: SCA Environmental, Inc. - Main
334 19th Street
Oakland, CA 94612

Samples Submitted: 3

Samples Analyzed: 2

Job Site / No.
B-8027

Report No.: 058977

Date Submitted: Nov-06-06

Date Reported: Nov-06-06

SAMPLE ID	FIBERS per CC	95% UCL	FIBERS per FIELDS	FIBERS per FILTER	LOCATION / DESCRIPTION
447692 (SSC-11-5) Lab ID # 606-04687-001	< 0.0044	< 0.0097	< 5.5 / 100	< 2697	Volume(L) Pump Time(Min) Flow Rate(LPM) 614
447697 (APL-11-5) Lab ID # 606-04687-002	< 0.0043	< 0.0114	< 5.5 / 100	< 2697	Volume(L) Pump Time(Min) Flow Rate(LPM) 634
447687 Lab ID # 606-04687-003	NA	NA	NA / 100	NA	Blank Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)

Detection Limit = 7 Fibers/MM2

Lab QC Reviewer [signature]

Analyst [signature]

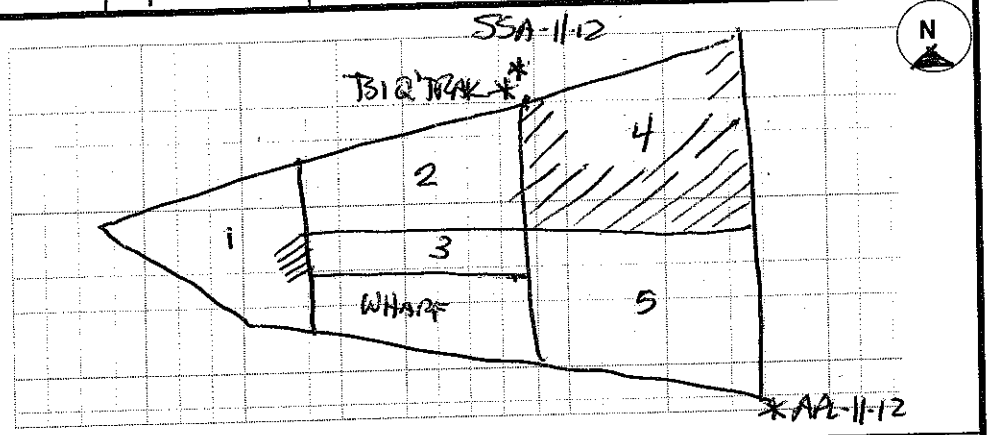
SCA
ENVIRONMENTAL, INC.

☒ 334 19th St. Oakland, CA 94612 — Tel: 510.645.6200 Fax: 510.839.6200

☐ 165 10th St., Suite 100 San Francisco, CA 94103 — Tel: 415.703.8500 Fax: 415.703.0701

☐ 9920 S. La Cienega Blvd. Suite 722 Los Angeles, CA 90301 — Tel: 301.258.0460 Fax: 301 258.0260

Project Name	Port Berth 60 Wedge Remediation	SCA Project # B-8027
Date	11/12/06	Location 1&4
		Work Area



SAMPLE LOCATION DIAGRAM

Filter Diameter		25 / 37mmMCEF
Pore Size		0.45µ/ 0.8µ
Field Area		0.00785 mm²
		N/A
Method	NIOSH 7400	AHERA TEM
	AA FLAME	GraphiteFurnace
Blanks	447671	
Rotometer No.	5137	

SAMPLE LOCATION	SSA-11-12	AA2-11-12
START RATE (LPM)	2.0	2.1
STOP RATE (LPM)	2.0	2.1
FT. ABOVE FLOOR	3	4.5
SAMPLE I.D.	447681	447676
PUMP I.D.	9336	9378
AVG. FLOW RATE (LPM)	2.0	2.1
TIME ON	5:57 AM	5:59 AM
TIME OFF	10:40 AM	10:41 AM
SAMPLE TIME (MIN)	288	282
SAMPLE VOL. (L)	576	592
f/cc	<0.0047	<0.0046
s/cc		
µg/m³		
SAMPLE LOCATION		
START RATE (LPM)		
STOP RATE (LPM)		
FT. ABOVE FLOOR		
SAMPLE I.D.		
PUMP I.D.		
AVG. FLOW RATE (LPM)		
TIME ON		
TIME OFF		
SAMPLE TIME (MIN)		
SAMPLE VOL. (L)		
f/cc		
s/cc		
µg/m³		

Activities: Excavating Surface Soils in Area #1 & 4.

Comments: Moist soils w/ recent rains.

Sample Type (indicate one): Background ____ Perimeter ✓ Clearance ____ Other ____

Sampled By: Glenn Cook Analyzed By: ATM 059093 Reviewed By:

PHASE CONTRAST MICROSCOPY
ANALYTICAL REPORT

Contact: Glenn Gass

Address: SCA Environmental, Inc. - Main Office
334 19th Street
Oakland, CA 94612

Samples Submitted: 3
Samples Analyzed: 3

Job Site / No. Port of Oakland Both 60 Wedge Remediation
B-8027

Report No.: **059093**
Date Submitted: Nov-13-06
Date Reported: Nov-13-06

SAMPLE ID	FIBERS per CC	95% UCL	FIBERS per FIELDS	FIBERS per FILTER	LOCATION / DESCRIPTION
SSA-11-12 (447681) Lab ID # 606-04700-001	< **0.0047**	< 0.0125	< **5.5 / 100**	< **2697**	Volume(L) Pump Time(Min) Flow Rate(LPM) 576
APL-11-12 (447676) Lab ID # 606-04700-002	< **0.0046**	< **0.0086**	< **5.5 / 100**	< **2697**	Volume(L) Pump Time(Min) Flow Rate(LPM) 592
Blank-11-12 (447671) Lab ID # 606-04700-003	**NA**	**NA**	**0.0 / 100**	**0**	Blank Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)

Detection Limit = 7 Fibers/MM2

Lab QC Reviewer ____________________ **Analyst** ____________________

ASBESTOS TEM LABORATORIES, INC. 630 BANCROFT WAY, BERKELEY, CA 94710 (510) 704-8930
www.asbestostemlabs.com *With Offices in Reno, NV (775) 359-3377*

SCA
ENVIRONMENTAL, INC.

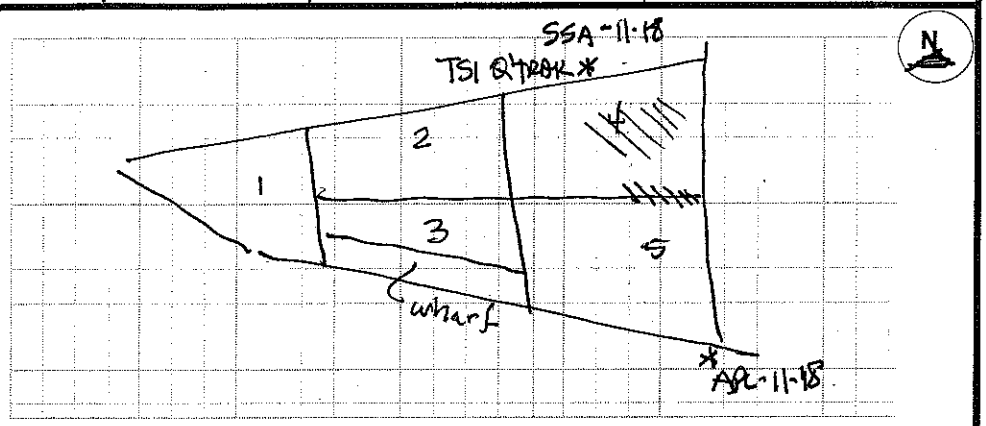
☒ 334 19th St. Oakland, CA 94612 — Tel: 510.645.6200 Fax: 510.839.6200

☐ 165 10th St., Suite 100 San Francisco, CA 94103 — Tel: 415.703.8500 Fax: 415.703.0701

☐ 9920 S. La Cienega Blvd. Suite 722 Los Angeles, CA 90301 — Tel: 301.258.0460 Fax: 301 258.0260

Project Name	Port Berth 60 Wedge Remediation.
SCA Project #	B-8027
Date	11/18/06
Location	
Work Area	

Filter Diameter		25 / 37mmMCEF
Pore Size		0.45µ/ 0.8µ
Field Area		0.00785 mm²
		N/A
Method	NIOSH 7400	AHERA TEM
	AA FLAME	GraphiteFurnace
Blanks	447716	
Rotometer No.		2207



SAMPLE LOCATION DIAGRAM

⊕ =sample location
▨ =work area

SAMPLE LOCATION	SSA-11-18	APC-11-18
START RATE (LPM)	2.0	2.1
STOP RATE (LPM)	2.0	2.1
FT. ABOVE FLOOR	4	4.5
SAMPLE I.D.	447709	447717
PUMP I.D.	3155	9378
AVG. FLOW RATE (LPM)	2.0	2.1
TIME ON	6:01 AM	6:10AM
TIME OFF	9:23 AM	9:25AM
SAMPLE TIME (MIN)	204	195
SAMPLE VOL. (L)	408	410
f/cc		
s/cc		
µg/m³		
SAMPLE LOCATION		
START RATE (LPM)		
STOP RATE (LPM)		
FT. ABOVE FLOOR		
SAMPLE I.D.		
PUMP I.D.		
AVG. FLOW RATE (LPM)		
TIME ON		
TIME OFF		
SAMPLE TIME (MIN)		
SAMPLE VOL. (L)		
f/cc		
s/cc		
µg/m³		

Activities: Dust levels >0.05 mg/m³ during half of work due to nearby Cat operations.

Comments: Excavation of Zone 5 road and Zone 4 Stockpile.

Sample Type (indicate one): Background ✓ Perimeter ✓ Clearance ____ Other ____

Sampled By: Glenn Cass Analyzed By: AJEM. Reviewed By:

PHASE CONTRAST MICROSCOPY

ANALYTICAL REPORT

Contact: Glenn Cass

Address: SCA Environmental, Inc. - Main
334 19th Street
Oakland, CA 94612

Samples Submitted: 3

Samples Analyzed: 2

Job Site / No.
B-8027

Report No.: **059219**
Date Submitted: Nov-20-06
Date Reported: Nov-20-06

SAMPLE ID	FIBERS per CC	95% UCL	FIBERS per FIELDS	FIBERS per FILTER	LOCATION / DESCRIPTION
SSA-11-18 (447709) Lab ID # 606-04715-001	< **0.0066**	< **0.0177**	< **5.5/100**	< **2697**	Volume(L) Pump Time(Min) Flow Rate(LPM) 408
APL-11-18 (447717) Lab ID # 606-04715-002	< **0.0066**	< **0.0145**	< **5.5/100**	< **2697**	Volume(L) Pump Time(Min) Flow Rate(LPM) 410
Blank 11-18 (447716) Lab ID # 606-04715-003	**NA**	**NA**	**NA/100**	**NA**	Blank Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)
Lab ID #					Volume(L) Pump Time(Min) Flow Rate(LPM)

Detection Limit = 7 Fibers/MM2

Lab QC Reviewer ____________ **Analyst** ____________

Appendix D

Additional Bulk Sampling Data Sheets and Laboratory Results
Asbestos

BLDG NAME: Port Berth 60 Wedge

SCA Environmental, Inc.
Asb Material/Sampling Data Sheet

BLDG NO:
DEPT CODE:

Date Inspected: 11/18/06

Page 1 of ____

PROJECT NO. B-8027

Inspected By: G. Cass

Sample ID (include BLDG no.)				Sample Location Data					
Predominance Group Codes Allowed: blank, A to Z		Linked	Sample Type	Functional Space					
HOMOGENEOUS MATERIAL ID		Material No.	BD	Sub-No.	Space/Room Type	Floor Level	Room or Space Number	DWG ID	Material Comments (building wide)
TS1		001	B	01			ZONE1		Residual TS1 in South Bank of Zone 1
TS1		002	B	01			ZONE1		Dense mineral wool in South Bank of Zone 1

1. Aircell Type 2. Block Type 3. Board Type 4. Paper Wrap 5. Loose Fill 6. Trowelled On 7. Mud Type 8. Sprayed On 9. Wool Felt 10. Beneath ACM 11. Mult. Layers 12. Chunk/Powder

Comments: (please number each comment and reference above)

POLARIZED LIGHT MICROSCOPY ANALYTICAL REPORT

EPA Method 600/R-93/116 or 600/M4-82-020

Contact: Glenn Cass

Address: SCA Environmental, Inc. - Main
334 19th Street
Oakland, CA 94612

Samples Indicated: 2
Reg. Samples Analyzed: 2
Split Layers Analyzed: 0

Report No. **059222**
Date Submitted: Nov-20-06
Date Reported: Nov-20-06

Job Site / No. Port Berth 60 Wedge Remediation, Oakland, CA
B-8027

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA: 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	DESCRIPTION FIELD / LAB
TSI-001-1 Lab ID # 606-04718-001	20-30%	**Chrysotile**	1) None Detected 2) 70-80% Calc, Bndr, Other m.p. 3) Nov-18-06 4) Nov-20-06	Insulation-Grey
TSI-002-1 Lab ID # 606-04718-002		**None Detected**	1) 50-60% Fiberglass 2) 40-50% GlassFrags, Bndr, Other m.p. 3) Nov-18-06 4) Nov-20-06	Insulation-Off-White
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	
Lab ID #			1) 2) 3) 4)	

Detection Limit of Method is Estimated to be 1% Asbestos Using a Visual Area Estimation Technique

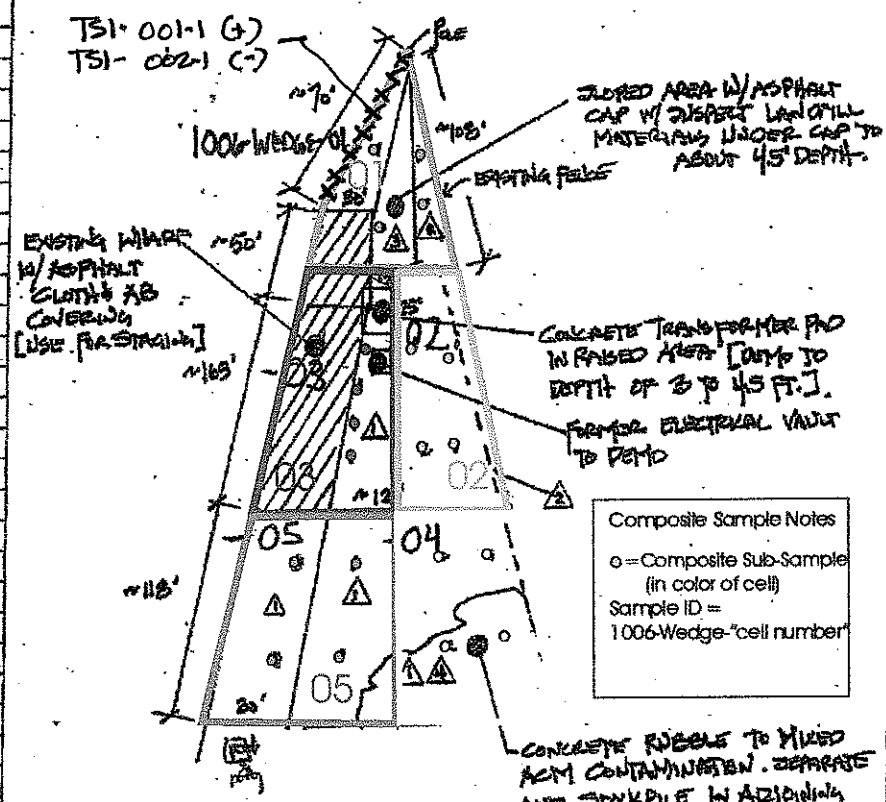
Lab QC Reviewer ________ **Analyst** ________

ASBESTOS TEM LABORATORIES, INC.
www.asbestostemlabs.com
630 Bancroft Way, Berkeley CA 94710 **(510) 704-8930**
With Offices in Reno, NV (775) 359-3377

CA Environmental, Inc. 334 19th Street Oakland, CA 94612 tel: (510) 645-6200 fax: (510) 839-6200	Title: APL Wedge Area Remediation Area
	Project:
	Project No: B-8027
	Drawn By: G. Cass
	Checked By:
	Date: 9/25/06 Scale: NTS

Figure

Dawn 627 1185



NOTES:

1. EXCAVATE 1 FT DEPTH, TYPICAL
2. NO EXCAVATION PERFORMED ADJACENT FENCE OR AS INDICATED
3. SUSPECT LANDFILL AREA UNDER ASPHALT CAP
4. CONCRETE RUBBLE AREA TO DECONTAMINATE

XXXX = CRITICAL BARRIER @ REMAINING ACM TS1 DEBRIS @ SOUTH CELL #1 WALL

sketch book overlay

Appendix E

Particulate Concentration Logs

Port of Oakland Berth 60 Wedge Remediation				
Particulate Sampling Results				
SCA Project No. B-8027				
Date	**Time**	**Activity**	**Particulate Level (mg/m^3)**	**Comments**
11/4/06	6:44	Set-up.	0.030	
"	7:08	Mobilizing	0.030	
"	7:44	1st Excavation Cell 2	0.030	
"	8:01	Excavating Cell 2	0.030	
"	8:14	"	0.030	
"	8:53	"	0.030	
"	9:33	"	0.030	
"	10:11	"	0.030	
"	10:56	"	.030	
"	12:48	"	.030	
"	1:18	"	.030	

Port of Oakland Berth 60 Wedge Remediation				
Particulate Sampling Results				
SCA Project No. B-8027				
Date	**Time**	**Activity**	**Particulate Level (mg/m^3)**	**Comments**
11/5/06	6:55AM	Set-up	0.025	
11/5/06	7:44AM	Excavate Area 2	0.041	
11/5/06	8:15AM	"	0.053	
11/5/06	9:09AM	Excavation Area 4&5	0.028	
11/5/06	9:39AM	" "	0.027	
11/5/06	10:08AM	"	0.028	
11/5/06	10:40AM.	"	0.018	
11/5/06	11:08AM	"	0.025	
11/5/06	12:02PM	"	0.022	

Port of Oakland Berth 60 Wedge Remediation				
Particulate Sampling Results				
SCA Project No. B-8027				
Date	**Time**	**Activity**	**Particulate Level (mg/m^3)**	**Comments**
11/11/06	10:25	Cell 1 Excavation	0.085	Intermittent rain throughout shift so continuous monitoring was infeasible and not necessary.

Port of Oakland Berth 60 Wedge Remediation				
Particulate Sampling Results				
SCA Project No. B-8027				
Date	**Time**	**Activity**	**Particulate Level (mg/m^3)**	**Comments**
11/12/06	6:40	Excavation Cell 1	0.027	
11/12/06	7:08	"	0.023	
11/12/06	7:55	Excavation Cell 4	0.023	
11/12/06	8:59	"	0.027	
11/12/06	9:29	"	0.019	
11/12/06	9:51	"	0.010	

SCA
ENVIRONMENTAL, INC.

☒ 334 19TH STREET
OAKLAND, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10TH STREET, STE. 100
SAN FRANCISCO, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. LA CIENEGA BLVD, STE. 722
LOS ANGELES, CA 90301
(310) 258-8460; FAX: 258-0260

PROJECT: Port Berth 60 Weld Remediation.

ZONE: 5 & 4

SCA PROJECT NO.: B-8027

FLOOR: —

INSPECTED BY: Glenn Cass

DATE: 11/18/06

REVIEWED BY:

DATE: 11/18/06

COPIES SENT TO:
OWNER: D. Crate - Port.
( )
CONTRACTOR
( )
SCA
( )
OTHERS
( )

Daily Log Form

Sheet 1 of 1

T51 Q-Trak Log 11/18/06

Time	Level (mg/m³)	Zone/Activity	Comment
6:05 AM	0.025	Set up	Below SFA std of 0.05 mg/m³
6:36 AM	0.049	Zone 5 Truck / Loading	
7:10 AM	0.050	" "	
7:30 AM	0.129	Zone 4 Excavation C 15 ft.	Caterpillar loading adding to dust.
7:43 AM	0.065	"	
7:51 AM	0.057	"	During watering.
8:10 AM	0.075	Ambient w/no activities	
8:27 AM	0.035	in Zone 4 Excavation @ 15 ft.	
9:22 AM	0.038	Zone 4 completed	

Appendix F

SCA's Daily Reports and Misc. Correspondence

SCA
ENVIRONMENTAL, INC.
☒ 334 19th Street
Oakland, CA 94612
(510) 645-6200; FAX: 839-6200
☐ 165 10th Street, Ste. 100
San Francisco, CA 94103
(415) 703-8500; FAX: 703-0701
☐ 9920 S. La Cienega Blvd., Ste. 722
Los Angeles, CA 90301
(310) 258-0460; FAX: 258-0260

Project: Port Berth 60 Wedge Remediation		Copies Sent To: Owner: Port of Oakland
SCA Project No.: B-8027		
Zone: Wedge Area 2&4	Floor:	Contractor:
Inspected By: Glenn Cass	Date: 11/4/06	SCA:
Reviewed By:	Date:	Others:

DAILY REPORT

CHECK	ABATEMENT METHOD:	EST. % OF COMPLETION: 10%	NO. WORKERS ON SITE: 7
	Full Enclosure:	WORK IN PROGRESS: Excavation of Contaminated Soils	
	Glovebag:		
FLD. CONSULTANT HRS. TODAY:	OTHER:	CONSULTANT'S EQA BUDGET	$ EST. % COMPLETE:

AIR SAMPLING DESCRIPTION	DATE	RANGE
Perimeter Asbestos Air Sample Results	Pending 11/6/06	From To fibers/cc
Lead Air Sample Results	N/A.	From To $\mu g/m^3$
Contractor's Personal Air Samples (TWA) - Asb	Pending	From To fibers/cc
Contractor's Personal Air Samples (STEL) - Asb	Pending	From To fibers/cc
Contractor's Personal Air Samples (TWA) - Lead		From To $\mu g/m^3$
		From To

CONFORMANCE NOTED	NON-CONF. NOTED New Major	NON-CONF. NOTED New Minor	NON-CONF. NOTED Repeat	ITEM/DESCRIPTION
✓				Submittals received and complete
Pending				Perimeter air sampling results below 0.010 total fibers/cc
N/A				Perimeter lead air samples below 30 $\mu g/m^3$
✓				Personnel protection and personal hygiene practices adequate
✓				Respiratory protection program adequate
N/A.				Glovebag procedures adequate
N/A				Full enclosure negative pressure & barriers maintained
✓				~~Full enclosure~~ removal methods adequate
✓				Asbestos waste handling adequate
✓				Manifest Complete – Soils Only

By	Status	INSPECTIONS CONDUCTED	COMMENTS/DETAILED DESCRIPTION OF CONDITIONS
		Work Area Prep	CO1 began w/ remediation of Area 2 and decontamination of crushed rock from Area 4. About 50% of Area 2 completed w/ 8 truck loads. Perimeter particulate levels all under 0.03 mg/m³ or well under EPA std. Had some problems with excavating too deep. Plan adjustments on 11/5/06 to increase no. of trucks and complete Area 2.
		Pre-Encapsulation	
		Final Visual	
		Clearance Air	
		Pre-Occupancy	
		Dumpster/Manifest	

ATTACHMENTS: _____

SCA

ENVIRONMENTAL, INC.

☒ 334 19th Street
Oakland, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10th Street, Ste. 100
San Francisco, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. La Cienega Blvd., Ste. 722
Los Angeles, CA 90301
(310) 258-0460; FAX: 258-0260

Project: Port Berth 60 Wedge Remediation		Copies Sent To: Owner: D.Crute - Port
SCA Project No.: B-8027		
Zone: Areas 2, 4 & 5	Floor: —	Contractor:
Inspected By: Glenn Cass	Date: 11/5/06	SCA:
Reviewed By:	Date:	Others:

DAILY REPORT

CHECK	ABATEMENT METHOD:	EST. % OF COMPLETION: 33	NO. WORKERS ON SITE: 7
	Full Enclosure:	WORK IN PROGRESS: Remediation of Surface Soils	
	Glovebag:		
FLD. CONSULTANT HRS. TODAY:	OTHER:	CONSULTANT'S EQA BUDGET / $	EST. % COMPLETE:

AIR SAMPLING DESCRIPTION	DATE	RANGE
Perimeter Asbestos Air Sample Results	Pending 11/6/06	From To fibers/cc
Lead Air Sample Results	N/A	From To $\mu g/m^3$
Contractor's Personal Air Samples (TWA) - Asb	Pending	From To fibers/cc
Contractor's Personal Air Samples (STEL) - Asb	Pending	From To fibers/cc
Contractor's Personal Air Samples (TWA) - Lead	N/A	From To $\mu g/m^3$
		From To

CONFORMANCE NOTED	NON-CONF. NOTED: New Major	New Minor	Repeat	ITEM/DESCRIPTION
✓				Submittals received and complete
Pending 11/6				Perimeter air sampling results below 0.010 total fibers/cc
N/A				Perimeter lead air samples below 30 $\mu g/m^3$
✓				Personnel protection and personal hygiene practices adequate
✓				Respiratory protection program adequate
N/A				Glovebag procedures adequate
N/A				Full enclosure negative pressure & barriers maintained
✓				~~Full enclosure~~ removal methods adequate
✓				Asbestos waste handling adequate
✓				Manifest Complete for Soils.

By	Status	INSPECTIONS CONDUCTED	COMMENTS/DETAILED DESCRIPTION OF CONDITIONS
		Work Area Prep	Completed Soil Remediation for Areas 2 and 5 and removed crushed rock to begin remediation of Area 4 soils next weekend. Soils were dry today so CDI wetted area throughout most of shift. Hauled 14 trucks of soil to Forward Landfill completing excavation for Areas 2&5 and prepping Area 4 for next weekend's hauling. Average particulate levels @ fence line well under 0.05 mg/m³ for max. level of 0.053 mg/m³.
		Pre-Encapsulation	
		Final Visual	
		Clearance Air	
		Pre-Occupancy	
		Dumpster/Manifest	

ATTACHMENTS:

SCA

ENVIRONMENTAL, INC.

☐ 334 19th Street
Oakland, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10th Street, Ste. 100
San Francisco, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. La Cienega Blvd., Ste. 722
Los Angeles, CA 90301
(310) 258-0460; FAX: 258-0260

Project: Berth 60 Port – Wedge Remediation.		Copies Sent To: Owner: D. Crafts Port
SCA Project No.: B-8027		
Zone: 1	Floor: —	Contractor:
Inspected By: Glenn Cass	Date: 11/10/06	SCA:
Reviewed By:	Date: 11/10/06.	Others:

DAILY REPORT

CHECK	ABATEMENT METHOD:	EST. % OF COMPLETION:	NO. WORKERS ON SITE:
	Full Enclosure:	WORK IN PROGRESS:	
	Glovebag:		
FLD. CONSULTANT HRS. TODAY:	OTHER:	CONSULTANT'S EQA BUDGET / $	EST. % COMPLETE:

AIR SAMPLING DESCRIPTION	DATE	RANGE
Perimeter Asbestos Air Sample Results	N/A	From To fibers/cc
Lead Air Sample Results	N/A	From To $\mu g/m^3$
Contractor's Personal Air Samples (TWA) - Asb		From To fibers/cc
Contractor's Personal Air Samples (STEL) - Asb		From To fibers/cc
Contractor's Personal Air Samples (TWA) - Lead		From To $\mu g/m^3$
		From To

CONFORMANCE NOTED	NON-CONF. NOTED: New Major	New Minor	Repeat	ITEM/DESCRIPTION
N/A				Submittals received and complete
N/A				Perimeter air sampling results below 0.010 total fibers/cc
				Perimeter lead air samples below 30 $\mu g/m^3$
				Personnel protection and personal hygiene practices adequate
				Respiratory protection program adequate
				Glovebag procedures adequate
				Full enclosure negative pressure & barriers maintained
				Full enclosure removal methods adequate
				Asbestos waste handling adequate
				Manifest Complete

By	Status	INSPECTIONS CONDUCTED	COMMENTS/DETAILED DESCRIPTION OF CONDITIONS
		Work Area Prep	O.C. Jones proceeded with removal of the transformer pad and asphalt covering in Zone #1. Following this, O.C. Jones began excavation of soils in the Zone 1 but suspended work when SCA identified transite and TSI debris in the soils. All soils for this area were shipped to Kettleman
		Pre-Encapsulation	
		Final Visual	
		Clearance Air	
		Pre-Occupancy	
		Dumpster/Manifest	

ATTACHMENTS: _____

SCA

ENVIRONMENTAL, INC.

☒ 334 19th Street
Oakland, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10th Street, Ste. 100
San Francisco, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. La Cienega Blvd., Ste. 722
Los Angeles, CA 90301
(310) 258-0460; FAX: 258-0260

Project: Port Berth 60 Wedge Remediation.		Copies Sent To: Owner: D. Carter-Port
SCA Project No.: B-8027		
Zone: 1 & 4	Floor: —	Contractor:
Inspected By: Glenn Cass	Date: 11/11/06	SCA:
Reviewed By:	Date: 11/11/06.	Others:

DAILY REPORT

CHECK	ABATEMENT METHOD:	EST. % OF COMPLETION: 60%	NO. WORKERS ON SITE: 7
	Full Enclosure:	WORK IN PROGRESS: Remediation Cells 1 & 4	
	Glovebag:		
FLD. CONSULTANT HRS. TODAY:	OTHER:	CONSULTANT'S EQA BUDGET / $	EST. % COMPLETE:

AIR SAMPLING DESCRIPTION	DATE	RANGE
Perimeter Asbestos Air Sample Results	None.	From To fibers/cc
Lead Air Sample Results	N/A	From To $\mu g/m^3$
Contractor's Personal Air Samples (TWA) - Asb	Pending	From To fibers/cc
Contractor's Personal Air Samples (STEL) - Asb	Pending	From To fibers/cc
Contractor's Personal Air Samples (TWA) - Lead		From To $\mu g/m^3$
		From To

CONFORMANCE NOTED	NON-CONF. NOTED: New Major	New Minor	Repeat	ITEM/DESCRIPTION
✓				Submittals received and complete
for past weekend				Perimeter air sampling results below 0.010 total fibers/cc
N/A.				Perimeter lead air samples below 30 $\mu g/m^3$
✓				Personnel protection and personal hygiene practices adequate
✓				Respiratory protection program adequate
N/A				Glovebag procedures adequate
N/A				Full enclosure negative pressure & barriers maintained
✓				~~Full enclosure~~ removal methods adequate
✓				Asbestos waste handling adequate
✓				Manifest Complete

By	Status	INSPECTIONS CONDUCTED	COMMENTS/DETAILED DESCRIPTION OF CONDITIONS
		Work Area Prep	CDI excavated majority of Cell #1 where over 8 cu yds of solid TSI debris were discovered as well as many transite chips. Work started in the rain so dust controls
		Pre-Encapsulation	were excellent and perimeter air sampling was impressible.
		Final Visual	Spot readings with the TSI Q-Trak found fiber/cc particulate
		Clearance Air	levels below 0.025 mg/m³ or well under the EPA's std.
		Pre-Occupancy	of 0.05 mg/m³. About 4-5 truckloads remain in Cell 1 for Sunday.
		Dumpster/Manifest	

ATTACHMENTS: 15 truckloads removed today.

SCA

ENVIRONMENTAL, INC.

☒ 334 19th Street
Oakland, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10th Street, Ste. 100
San Francisco, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. La Cienega Blvd., Ste. 722
Los Angeles, CA 90301
(310) 258-0460; FAX: 258-0260

Project: Port Berth 60 Wedge Remediation.		Copies Sent To: Owner: D. Cater-Port
SCA Project No.: B-8027		
Zone: 1 & 4	Floor: —	Contractor:
Inspected By: Glenn Cass	Date: 11/12/06	SCA:
Reviewed By:	Date: 11/12/06	Others:

DAILY REPORT

CHECK	ABATEMENT METHOD:	EST. % OF COMPLETION: 80%	NO. WORKERS ON SITE: 7
	Full Enclosure:	WORK IN PROGRESS: Remediate Cells # 1 & 4.	
	Glovebag:		

FLD. CONSULTANT HRS. TODAY:	OTHER:	CONSULTANT'S EQA BUDGET	$	EST. % COMPLETE:

AIR SAMPLING DESCRIPTION	DATE	RANGE	
Perimeter Asbestos Air Sample Results	Pending 11/13/06.	From	To fibers/cc
Lead Air Sample Results	N/A	From	To $\mu g/m^3$
Contractor's Personal Air Samples (TWA) - Asb	Pending	From	To fibers/cc
Contractor's Personal Air Samples (STEL) - Asb	"	From	To fibers/cc
Contractor's Personal Air Samples (TWA) - Lead		From	To $\mu g/m^3$
		From	To

CONFORMANCE NOTED	NON-CONF. NOTED: New Major	New Minor	Repeat	ITEM/DESCRIPTION
✓				Submittals received and complete
Pending 11/13				Perimeter air sampling results below 0.010 total fibers/cc
N/A				Perimeter lead air samples below 30 $\mu g/m^3$
✓				Personnel protection and personal hygiene practices adequate
✓				Respiratory protection program adequate
N/A				Glovebag procedures adequate
N/A				Full enclosure negative pressure & barriers maintained
✓				~~Full enclosure~~ removal methods adequate
✓				Asbestos waste handling adequate
✓				Manifest Complete

By	Status	INSPECTIONS CONDUCTED	COMMENTS/DETAILED DESCRIPTION OF CONDITIONS
		Work Area Prep	CDI hauled out 45 trucks of remaining materials in Cell #1 and completed about 70% of the surface area of Cell #4. CDI walked the site and picked up any suspect materials throughout. Because of recent rains, dust levels were minimum with max. level of 0.027 mg/m³, measured at the nearest fence line. Final haul-out scheduled for next Saturday. 17 truckloads removed today.
		Pre-Encapsulation	
		Final Visual	
		Clearance Air	
		Pre-Occupancy	
		Dumpster/Manifest	

ATTACHMENTS: _____

SCA

ENVIRONMENTAL, INC.

☒ 334 19th Street
Oakland, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10th Street, Ste. 100
San Francisco, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. La Cienega Blvd., Ste. 722
Los Angeles, CA 90301
(310) 258-0460; FAX: 258-0260

Project: Port Berth 60 Wedge Remediation		Copies Sent To: Owner: D. Crate - Port
SCA Project No.: B-8027		
Zone: 4 & 5	Floor:	Contractor:
Inspected By: Glenn Cass, CIH	Date: 11/18/06	SCA:
Reviewed By:	Date: 11/18/06.	Others:

DAILY REPORT

CHECK	ABATEMENT METHOD:	EST. % OF COMPLETION: 100%.	NO. WORKERS ON SITE: 7
	Full Enclosure:	WORK IN PROGRESS: Excavations Zones 4 & 5.	
	Glovebag:		
FLD. CONSULTANT HRS. TODAY:	OTHER:	CONSULTANT'S EQA BUDGET	$ / EST. % COMPLETE:

AIR SAMPLING DESCRIPTION	DATE	RANGE
Perimeter Asbestos Air Sample Results	< 0.01 for 11/12/06	From To fibers/cc
Lead Air Sample Results	N/A.	From To $\mu g/m^3$
Contractor's Personal Air Samples (TWA) - Asb	Pending	From To fibers/cc
Contractor's Personal Air Samples (STEL) - Asb	Pending	From To fibers/cc
Contractor's Personal Air Samples (TWA) - Lead		From To $\mu g/m^3$
		From To

CONFORMANCE NOTED	NON-CONF. NOTED: New Major	New Minor	Repeat	ITEM/DESCRIPTION
✓				Submittals received and complete
✓				Perimeter air sampling results below 0.010 total fibers/cc
N/A				Perimeter lead air samples below 30 $\mu g/m^3$
✓				Personnel protection and personal hygiene practices adequate
✓				Respiratory protection program adequate
N/A				Glovebag procedures adequate
N/A.				Full enclosure negative pressure & barriers maintained
✓				~~Full enclosure~~ removal methods adequate
✓				Asbestos waste handling adequate
✓				Manifest Complete

By	Status	INSPECTIONS CONDUCTED	COMMENTS/DETAILED DESCRIPTION OF CONDITIONS
		Work Area Prep	CDI completed excavation of the roadway in Zone 5 and
		Pre-Encapsulation	the stockpile in Zone 4. Particulate levels @ South property
		Final Visual	line varied from 0.025 to 0.129 mg/m³ with level >0.05 mg/m³
		Clearance Air	due to joint nearby Cat operations outside the wedge @
		Pre-Occupancy	concrete stockpiles within 100 ft. SCA & CDI walked all
		Dumpster/Manifest	areas following excavation to buy any suspect remaining
			ACM surfacing materials. ACM TSI waste to be manifested

ATTACHMENTS: offsite next week.

Appendix G

SCA's Project Log Book

SCA
ENVIRONMENTAL, INC.

☒ 334 19TH STREET
OAKLAND, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10TH STREET, STE. 100
SAN FRANCISCO, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. LA CIENEGA BLVD, STE. 722
LOS ANGELES, CA 90301
(310) 268-0460; FAX: 268-0260

PROJECT: Port Berth 60 Wedge Remediation.		COPIES SENT TO: OWNER: D. Crater - Port ( ) CONTRACTOR ( ) SCA ( ) OTHERS ( )
ZONE: 245		
SCA PROJECT NO.: B-8027	FLOOR: —	
INSPECTED BY: Glenn Cass	DATE: 11/4/06	
REVIEWED BY:	DATE:	

Daily Log Form

Sheet 1 of 1

6:30 Management crews have arrived. Additional AB spread at truck entry since noon yesterday. Targing station set-up. SCA set up perimeter asbestos & particulate samplers.

7:40 Shower decon assembled and first excavation begins. Soil is damp for Wednesday & Thursday's rain.

8:50 Looked out approx. 4 trucks in first hour. Two workers are bagging TSI full time @ Zone 4. Zone 2 is mostly sand soil except @ intersection with 3. No airborne dust @ Zone 2 because soils are significantly dampened.

10:15 Dumpster for asbestos waste was dumped off. Excavation Area 2 stops awaiting return of trucks. Excavation of rocks in Area 4 continues

10:20 Applied wet agent in Zone 4.

11:14 Contractor has collected about 30 waste bags of TSI from Area 4 mostly @ Southwest corner of zone.

11:25 Broke for lunch.

12:30 Back to work

12:48 Truck #3 picking up second load for today.

1:03 DCI continuously wetting Zone 4 for dust control.

1:44 Last truck departed; trucks #1 + #2 never returned today.

2:16 Left site.

SCA
ENVIRONMENTAL, INC.

☒ 334 19TH STREET
OAKLAND, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10TH STREET, STE. 100
SAN FRANCISCO, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. LA CIENEGA BLVD. STE. 722
LOS ANGELES, CA 90301
(310) 258-0460; FAX: 258-0260

PROJECT: Port Berth 60 Wedge Remediation.		COPIES SENT TO: OWNER: D. Crater - Port. ( ) CONTRACTOR ( ) SCA ( ) OTHERS ( )
ZONE: Wedge. Area 2 & 4		
SCA PROJECT NO.: B-8027	FLOOR: —	
INSPECTED BY: Glenn Cass	DATE: 11/5/06	
REVIEWED BY:	DATE:	

Daily Log Form

Sheet 1 of 1

6:55AM Setting pumps & Dust Track. CDI starting to poly interior of truck bed.

7:44AM Second truck being loaded. CDI avoiding stockpiling today to keep from over-excavating

8:46AM Finished Cell 2 excavation and moving into Cell 5.

9:33AM Completed loading 6 trucks; working Area 5 consistently.

11:30 AM Area 5 completed. Still working Area 4 to remove larger concrete fragments but most of remaining material is smaller crushed concrete and lots of dirt.
CDI covering Area 4 with plastic until next weekend and re-installing curtain type at wedge entry.

12:15 pm Left site.

SCA
ENVIRONMENTAL, INC.

☒ 334 19TH STREET
OAKLAND, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10TH STREET, STE. 100
SAN FRANCISCO, CA 94103
(415) 703-8600; FAX: 703-0701

☐ 9920 S. LA CIENEGA BLVD, STE. 722
LOS ANGELES, CA 90301
(310) 258-0460; FAX: 258-0260

PROJECT: Port Berth 60 Wedge Remediation.		COPIES SENT TO: OWNER: D. Crater - Port ( )
ZONE: Zone 1		CONTRACTOR ( )
SCA PROJECT NO.: B-8027	FLOOR: —	SCA ( )
INSPECTED BY: Glenn Cass	DATE: 11/10/06	OTHERS ( )
REVIEWED BY:	DATE:	

Daily Log Form

Sheet 1 of ____

7:05AM Met w/ Dawn Crater of the Port to discuss today's scope of work for Zone #1

8:05 AM Completed demolition of concrete transformer pad. Completed hauling 2 loads of concrete and asphalt waste from Zone.

8:16 AM Completed hauling Truck #3

8:24 AM " " Truck #4.

8:56 AM " " # 6

9:31 AM Completed soils C entry to cell # 5 to allow for truck hauling into Cell 5 for stockpiling clean Cell 1 soils w/o ACM.

10:10AM Hit TS1 and transite material on 2nd truck load of dirt and stopped excavation.

12:00 AM. AC laid C entry to wharf and compacted for truck traffic on Saturday. Broke for lunch

SCA
ENVIRONMENTAL, INC.

☒ 334 18TH STREET
OAKLAND, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 185 10TH STREET, STE. 100
SAN FRANCISCO, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. LA CIENEGA BLVD, STE. 722
LOS ANGELES, CA 90301
(310) 258-0460; FAX: 258-0260

PROJECT: Port Berth 60 Wedge Remediation.	COPIES SENT TO:
ZONE: 1	OWNER: D Carter - Port
SCA PROJECT NO.: B-8027	( )
FLOOR: —	CONTRACTOR
INSPECTED BY: Glenn Cass	( )
DATE: 11/11/06	SCA
REVIEWED BY:	( )
DATE:	OTHERS
	( )

Daily Log Form

Sheet 1 of ____

6:00AM Trucks are lined up to start loading bins.

7:05AM first truck full. Finding most transite on left side (south) w/ minimal TSI in tip

7:55 AM Almost complete with excavation of tip.

9:05 AM Hit large vein of TSI estimated at >4 cu. yds.

10:00 AM Started excavating Cell 3 to allow for bagging of TSI debris.

12:00 Last truck full

12:30 Stockpile last of Area 1's material for load-out Sunday

12:45 Left site.

Note that perimeter air sampling was not conducted on 11.11.06 due to heavy rain activities in the early morning and intermittent showers and misting throughout the abatement period, except for a brief period of sunshine between 10:45 and 11:30 AM. Property line particulate samples @ 10:25 AM @ the fence line showed level below 0.025 mg/m^3, or well under the EPA std.

SCA
ENVIRONMENTAL, INC.

☒ 334 19TH STREET
OAKLAND, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 166 10TH STREET, STE. 100
SAN FRANCISCO, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. LA CIENEGA BLVD, STE. 722
LOS ANGELES, CA 90301
(310) 258-0460; FAX: 258-0260

PROJECT: Port Berth 60 Wedge Remediation.		COPIES SENT TO:
ZONE: 1+4		OWNER: D. Coste - Port.
SCA PROJECT NO.: B-8027	FLOOR: —	( )
INSPECTED BY: Glenn Cass	DATE: 11/12/06	CONTRACTOR ( )
REVIEWED BY:	DATE: 11/12/06	SCA ( )
		OTHERS ( )

Daily Log Form

Sheet 1 of _____

6:00 AM SCA completed set-up of perimeter samplers.
6:25 AM First truck in position to start loading
7:10 AM Excavation of Cell 1 is nearly complete.
8:28 AM CD1 is shoveling soils @ base of wharf to be saved no ACM is under the wharf.
Area #4 is about 25% uncovered.
9:00 AM Cell 4 surface area about 50% complete.
9:23 AM Truck #15 being loaded.
10:40 AM Remaining contaminated soils stockpiled in Cell #4 and covered with polyethylene sheeting for hauling next Saturday. A small strip of Cell #5 remains under geocloth and AB covering (about 3 to 4 truck loads).
Caution tape returned to site boundary and all workers vacate site.

SCA
ENVIRONMENTAL, INC.

☒ 334 19TH STREET
OAKLAND, CA 94612
(510) 645-6200; FAX: 839-6200

☐ 165 10TH STREET, STE. 100
SAN FRANCISCO, CA 94103
(415) 703-8500; FAX: 703-0701

☐ 9920 S. LA CIENEGA BLVD, STE. 722
LOS ANGELES, CA 90301
(310) 258-0460; FAX: 258-0260

PROJECT:	Port Berth 60 Wedge Remediation
ZONE:	4 & 5
SCA PROJECT NO.:	B-8027
FLOOR:	—
INSPECTED BY:	Glenn Cass
DATE:	11/18/06
REVIEWED BY:	
DATE:	11/18/06.

COPIES SENT TO:
OWNER: D. Crater Port.
( )
CONTRACTOR
( )
SCA
( )
OTHERS
( )

Daily Log Form

Sheet 1 of 1

6:00AM	Excavator changed to smooth edge bucket similar to one used last weekend. CDI starts with installation of poly liners in trucks
7:10AM	Excavation of the Zone 5 roadway is complete w/ 2 trucks of waste. CDI removing poly on stockpile in Zone 4 and beginning loading truck 3.
7:25AM	Caterpillar loading concrete stockpile nearby (within 100 ft) adding to property line dust levels. Soil is slightly damp from recent rains
7:35AM	Starting to wet stockpile continuously.
9:20AM	Last truck departed.
10:00AM	Double bagging ACM waste and installed poly sheeting against the south cut in Zone 1 where suspect TSI was sampled.
10:05AM	Departed site.

Appendix H

CDI's Pre-Job & Misc. Submittals

SCA
ENVIRONMENTAL, INC.

☒ 334 19TH STREET, OAKLAND, CA 94612 (510) 645-6200; FAX: 839-6200
☐ 165 10TH STREET, STE. 100, SAN FRANCISCO, CA 94103 (415) 703-8500; FAX: 703-0701
☐ 9920 S. LA CIENEGA BLVD, STE. 722, LOS ANGELES, CA 90301 (310) 258-0460; FAX: 258-0260

PROJECT: Berth 60 Wedge Area Remediation	COPIES SENT TO: OWNER: D. Coate - Port (510) 465-3755
ZONE: Wedge	CONTRACTOR ( )
SCA PROJECT NO.: B-8027 / FLOOR:	SCA ( )
INSPECTED BY: G. Cass / DATE: 11/3/06	OTHERS ( )
REVIEWED BY: / DATE:	

Submittal Review Checklist
Sheet 1 of 4

Submittal No.: 53
Submitted By: C. Jones / Complete Decon Inc.

Pre-Job Submittals:	Req'd	Yes	No	NA	Status	Note
Hazmat Projects/General:						
Injury & Illness Prevention Plan (8 CCR 3203)						
Hazardous Communications Plan (8 CCR 5194)						
Standard Operating Procedures/ Emergency Plan						
Insurance Certificates (per General Conditions)						
Guarantees/Warranties/Bonds (per Gen. Cond.)						
Respiratory Protection Plan						
Confined Space Work Plan						
Work Plan	✓		✓		SSI	(3)
Schedule						
Emergency Phone & Pager List	✓	✓			NET	
CSLB Contractor's License	✓	✓			NET	
Asbestos:						
DOSH Asbestos Employer Registration	✓	✓			NET	
Report of Use/Carcinogen Reg.						
Local Air Quality Control Board Notification	✓	✓			NET	
Cal/OSHA 24-hour Notification	✓	✓			NET	
Waste Hauler's I.D. & Vehicle Certifications						
Disposal Site Location and I.D.						
Worker Documentation:						
AHERA Competent Person/Supervisor	✓	✓			NET	
AHERA Worker Training	✓	✓			MCN	(1)
Annual Medical Exam	✓	✓			MCN	(2)
12-month Respirator Fit Testing	✓	✓			NET	
Hazwoper Certs.	✓	✓			NET	
Lead Hazards:						
Waste Hauler's I.D. & Vehicle Certifications						
Disposal Site Location and I.D.						
Site Specific Compliance Plan						
Worker Documentation:						
Lead Abatement Supervisor Training	✓	✓			NET	
Worker Training/Awareness Training						
Annual Medical Exam						
12-month Respirator Fit Testing						
Initial Blood Lead Test within Past 30 Days						

Status: (NET) - No Exception Taken; (MCN) - Make Correction Noted; (SSI) - Submit Specified Items; (RR) - Revise and Resubmit; (R) - Rejected; and (NA) - No Action, to be reviewed by Others.

Project: Port Berth 60 Wedge Remediation	Date: 11/3/06
Project No.: B-8027	Page: 2 of 4

Pre-Job Submittals (Cont.):	Req'd	Yes	No	NA	Status	Note
Lead Hazards Cont.						
Cal/OSHA 24-hour Notifications						
San Francisco Building Dept. Exterior LBP Notice						
EPA/HUD Tenant Notices						
Material Safety Data Sheets/Product Data:						
Fire-Retardant Poly Sheeting (w/ E-84 Fire Rating)						
Glovebags						
Spray Adhesive Polyfast III	✓	✓			DET	
Fire Rated Sealants (w/ U.L. Rating)						
Encapsulant (w/ U.L. Rating, as applicable)						
Surfactants						
Wetting Agents Penewet 6450	✓	✓			DET	
Mastic Remover						
Paint Remover/Strippers						
Tools and Equipment:						
DOP Testing of NPU's						
Rotameter Calibration Data						
HEPA-filtration NPU's						
HEPA-filtered Vacuums						
Waste Water Filtration (20 and 5 µm)						
Airless Sprayers						
Type C Respirator System						
Circular Chart Recorder						
Strip Chart Recorder						
Other:						
Lab NIOSH PAT Results/AIHA Lab Accreditation						
UST Health & Safety Plan						
PCB Ballast Incinerator & Transporter I.D.						
Mercury-Containing Lamp Recycler I.D.						
Other Submittals:						
Progress Submittals:						
Personal Air Monitoring Records						
Daily Contractor Boundary Access Logs						
Revised Schedules or Notifications						
Updated Worker Documentation						
Negative Pressure Zone Records						

Project: Port Berth 60 Wedge Remediation.	Date: 11/3/06
Project No.: B-8027	Page: 3 of 4

Other Submittals (Cont.):	Req'd	Yes	No	NA	Status	Note
Post-Job Submittals:						
Certificate of Completion						
Landfill Records & Weight Tickets						
Uniform Waste Manifests						
Job Accident Reports						
As-Built Drawings of Remaining Matl's.						
Prevailing Wage Records						
Complete Worker Documentation						
Complete Negative Pressure Zone Records						
Complete Personal Air Sampling Records						
Complete Worker Boundary Entry Logs						

Note: This checklist has been prepared utilizing SCA's Master Specification Sections 01110 - Hazardous Materials Procedures, 02070 - Lead Hazards and 02080 - Asbestos Abatement. This review is only intended to establish conformance with the general design concepts of the project as noted in the Contract Documents. The Contractor is responsible for confirming and correlating all quantities and dimensions; selecting and scheduling processes and techniques for abatement, coordinating work with other subcontractors or trades; and performing the work in a safe and satisfactory manner.

Notes: (Req'd) - Lists Required Submittals; (Yes) - Indicates Submittals Received; (No) - Indicates Submittals Not Received; (NA) - Indicates Submittals Not Applicable to this Project; (Att) - Indicate w/ or w/o Attachments

Comments/Notes:
1. Elias Zapien's asbestos training expires 11/5/06
2. Missing medical exam for Oscar Urzua
3. Submit signed work plan prior to work on 11/4/06.
4.
5.
6.
7.
8.
9.
10.
11.

Project:	Port Beach 60 Wedge Remediation	Date:	11/3/06
Project No.:	B-8027	Page: 4 of 4	

Worker Documentation Verification (indicate expiration dates and circle expired items):

Surname	First Name	Asbestos Training	Lead Training	Hazwoper Training	Medical Exam	Fit Test	Blood Lead
Finch	Stephen	1/13/07	?/?/07	10/9/07	10/27/07	3/18/07	/ /
Cerna	Juan	1/7/07	/ /	3/3/07	9/15/07	5/16/07	/ /
Aleman	JoseLuis	7/21/07	/ /	9/1/07	10/4/07	7/9/07	/ /
Zapien	Elias	(11/5/06 expires 10/21/07)	/ /	10/9/07	10/12/07	5/16/07	/ /
Angiil	Neal		/ /	10/9/07	10-11-07	5/16/07	/ /
Pacho	Jesus	5/6/07	/ /	10/9/07	1-24-07	5/16/07	/ /
Gil	Rafael	9/30/07	8/1/07	3/3/07	10-11-07	5/16/07	/ /
Urzua	Oscar	1/7/07	/ /	9/1/07	(/ /)	3/18/07	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /
		/ /	/ /	/ /	/ /	/ /	/ /

B-8027

O.C. Jones & Sons, Inc.
General Engineering Contractor

TRANSMITTAL

Date 11/2/2006

To: Port of Oakland
651 Maritime St.
Oakland, CA 94607

Re: Submittal 53 for PCO#35
Asbestos Abatement Package
Wedge Area Work

Attn: Mikhail Korsunsky

Project: APL Yard and Gate Redevelopment
OC Jones # 206507
2005-04-M1

From: Justin Pichardo, Project Engineer

We are transmitting herewith the following:

Qty	Description	ID/Date	Note
4	Submittal 53 – Asbestos Abatement Package	PCO #35	for INFO

Remarks:

Contains: MSDS for Tackifiers, Notice of Asbestos Work, Certs of Registration, BAAQMD Notification, Individual Training Certs and Records
Contact me at 510-663-6911 if you have any questions.

1155 - 3rd Street, Suite 320, Oakland, CA 94607-2633
Phone: (510) 663-6911; FAX: (510) 663-5692

Pacific States
ENVIRONMENTAL CONTRACTORS, INC.
California Contractor License #723241-A-HAZ

11555 Dublin Blvd., Dublin, CA 94568
Tel. 925-803-4333 Fax 925-803-4334

LETTER OF TRANSMITTAL

DATE	JOB NO.
11/1/06	606120
RE: Complete Decon Submittals	

TO
OC Jones & Sons

1155 3rd Street

Oakland, CA. 94607

Attn.: Justin Pichardo

WE ARE SENDING YOU:- ☐ Attached ☐ under separate cover via _____ the following items;

☐ Prints ☐ Shop Drawings ☐ Plans ☐ Specifications ☐ Samples

☐ Change Order ☐ Copy of Letter ☒ Submittals

COPIES	DATE	NO.	DESCRIPTION
1	11/1/06	1	Notification of Asbestos-Related Work
1	11/1/06	1	Certificate of Registration for Asbestos-related Work CAL-OSHA
1	11/1/06	1	BAAQMD Notification (J# 2Q476)

THESE ARE TRANSMITTED AS CHECKED BELOW:

☐ for approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval

☐ for your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints

☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ 19 ____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____
File No 606141

SIGNED: _____
Pete Buss

If enclosures are not as noted, kindly notify us at once.

NOTIFICATION OF ASBESTOS-RELATED WORK

RECEIVED NOV 01 2006

Date of Notification 10/31/06 DOSH Registration # 571

CONTRACTOR/EMPLOYER NAME: Complete Docon Inc PACIFIC STATES
(as shown on the registration certificate)
HEADQUARTERS ADDRESS: 4690 E 2nd St #3 Benicia CA 94510

CSLB LICENSE NUMBER: 650353 PHONE NUMBER: 707/747-4800

TEMPORARY WORKSITE ADDRESS: 1717 Middle HARBOR

PRECISE LOCATION (intersection, bldg., floor, room, apt no., etc.): BERTH 60

TYPE OF SITE: WHARF BERTH 60 SITE OWNER NAME: PORT OF OAKLAND
(dwelling, store, school, office building etc.) (Business/organization name unless residential)

SITE OWNER CONTACT PERSON: MIKHAIL KOBSONSKY PHONE: 510-627-1589

CERTIFIED SUPERVISOR NAME (Competent person): STEPHEN FINCH

QUALIFIED PERSON FOR CONDUCTING AIR MONITORING, RESPIRATOR FIT TESTING, EVALUATION OF RESULTS & TESTS:
STEPHEN FINCH

CERTIFIED ASBESTOS CONSULTANT NAME: GLENN CASS (CIH,PE.) C.A.C. DOSH #:

PROJECTED JOB STARTING DATE: 11-4-06 TIME: 7-5 am/pm WORK ON SAT. ☒ SUN. ☒ EST. END DATE: 11-25-06

EMERGENCY ☐: REASON:

TYPE OF ASBESTOS WORK:

CONSTR. MATERIAL	CONTAMINATED SOIL				
AMOUNT sq ft./linear	33,750 Cubic Feet				
PERCENTAGE ASB.	20-30 CHRYSOTILE	1-5% AMOSITE			
CLASS OF WORK (I, II intact, II Non-intact, III)	1				

Additional explanation:

WORK PRACTICES:

- ☐ 3 stage decontamination
- ☐ Class II decon. area
- ☐ Critical barriers
- ☒ Wet methods
- ☐ Dry removal (describe under "Other")
- ☐ Negative pressure enclosure ☐ Full ☐ Mini-enclosure
- ☐ Glove bags
- ☐ Manual removal methods
- ☐ Mechanized removal methods (describe under "Other explanation")

Roofing waste disposal

- ☐ Dust-tight chute
- ☐ Crane
- ☐ Manually lowering

- ☒ Full disposable body protection
- ☐ HEPA PAPRS
- ☒ HEPA ½ mask respirators
- ☐ Airline- Type C
- ☐ Other Protective Measure (describe under "Other explanation")

Other practices/explanation:

EVALUATION OF EXPOSURE POTENTIAL: (circle one): <0.1 f/cc 0.1 f/cc< but <1.0 f/cc >1.0 f/cc

Additional explanation:

Send this completed notice to the nearest DOSH District Enforcement Office (go to www.dir.ca.gov/asp/DoshZipSearch.html) 24 hours prior to commencement of asbestos-related work (incl. separate phases of work, when different work practices are used, and if conducted at non-contiguous locations). Any change in the information provided shall be reported to the DOSH District Office at or before the time of the change. If orally, confirm in writing immediately, but no later than 24 hours of the change

Complete Decon, Inc.
ASBESTOS/LEAD & MOLD ABATEMENT/DEMOLITION

4690 East Second Street
Unit 3
Benicia, Ca 94510
707-747-4800
707-747-4954 FAX
707-590-3007 CELL

Stephen Finch

State Of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

License Number 650353 Entity CORP

Business Name COMPLETE DECON INC

Classification(s) B ASB C-2 A

Expiration Date 07/31/2008

State of California

Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

Certificate of Registration for Asbestos-related Work

Certificate No 573 Expiration Date 14-Nov-06

COMPLETE DECON, INC.
(Name of Employer)

is duly registered by the Division of Occupational Safety and Health in accordance with the California Administrative Code, Title 8, Article 2.5 for asbestos-related work.

08-Nov-05
Date Of Issuance

Division of Occupational Safety and Health

Effective Date 15-Nov-05 Contractor's License No. 650353

This registration is valid only when the following requirements and conditions are met:

1. The registered employer shall safely perform asbestos-related work in compliance with relevant occupational safety and health regulations.
2. The registered employer shall notify the Division of changes in work locations or conditions as specified by Section 341.9 of Title 8 of the California Administrative Code.
3. The registered employer shall post a sign readable at 20 feet at the location of any asbestos-related work stating:

Danger-Asbestos
Cancer and Lung Hazard
Authorized Personnel Only

4. A copy of the registration shall be posted at the jobsite beside the Cal-OSHA poster.
5. The registered employer shall provide a copy of this registration certificate to the prime contractor and any other employers at the site before the commencement of any asbestos-related work.
6. The registered employer shall conduct a safety conference prior to the commencement of any asbestos-related work as specified by Section 341.11 of Title 8 of the California Administrative Code
7. The registered employer acknowledges the Division's right to revoke or suspend this registration as provided by Section 341.14 of title 8 of the California Administrative Code

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

COMPLIANCE & ENFORCEMENT DIVISION

Regulation 11, Rule 2

Acknowledgement of Notification and Payment of Fees

10/24/2006

Complete Decon, Inc.
4690 E 2nd St, Suite 3
Benicia, CA 94510

Job No: 2Q476
Invoice No: INE88

The Bay Area Air Quality Management District (BAAQMD) acknowledges receipt of your payment and your Asbestos Removal or Demolition Plan described as: **Renovation**

Site address 1717 Middle Harbor
Oakland, CA 94612

Start Date November 4, 2006
Completion Date November 25, 2006

Removal amounts of friable ACM 0 linear feet 0 square feet 33,750 cubic feet

Should it become necessary to revise this plan, please do so in the spaces provided below and immediately copy the District by fax or by mail.

REGULATION 11-2 REVISION	BAAQMD J# **2Q476**

REVISION #	START DATE	COMPLETION DATE
1	____/____/____	____/____/____
2	____/____/____	____/____/____
3	____/____/____	____/____/____
4	____/____/____	____/____/____
5	____/____/____	____/____/____

***NOTE:** This form is not intended as a verification of either the completeness of your original notification or of its compliance with BAAQMD Regulation 11-2. If you have any questions about this acknowledgment, please call our office at (415) 749-4762.*

Pacific States
ENVIRONMENTAL CONTRACTORS, INC.
California Contractor License 472241-A-HAZ

11555 Dublin Blvd., Dublin, CA 94568
Tel. 925-803-4333 Fax 925-803-4334

LETTER OF TRANSMITTAL

DATE	JOB NO.
11/1/06	606120
RE: Complete Decon Submittals	

TO
OC Jones & Sones

1155 3rd Street

Oakland, CA. 94607

Attn.: Justin Pichardo

WE ARE SENDING YOU:- ☐ Attached ☐ under separate cover via _____ the following items;

☐ Prints ☐ Shop Drawings ☐ Plans ☐ Specifications ☐ Samples

☐ Change Order ☐ Copy of Letter ☒ Submittals

COPIES	DATE	NO.	DESCRIPTION
1	11/1/06	1	Steve Finch Training Certs/HAZWOPER/Fit Test/Physical Record
1	11/1/06	1	Juan Cerna Training Certs/HAZWOPER/Fit Test/Physical Record
1	11/1/06	1	Jose Aleman Training Certs/HAZWOPER/Fit Test/Physical Record
1	11/1/06	1	Elias Zapien Training Certs/HAZWOPER/Fit Test/Physical Record
1	11/1/06	1	Neal Ongill Training Certs/HAZWOPER/Fit Test/Physical Record
1	11/1/06	1	Jesus Patino Training Certs/HAZWOPER/Fit Test/Physical Record
1	11/1/06	1	Rafael Gil Training Certs/HAZWOPER/Fit Test/Physical Record
1	11/1/06	1	Oscar Urzua Training Certs/HAZWOPER/Fit Test/Physical Record

THESE ARE TRANSMITTED AS CHECKED BELOW:

☐ for approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval

☐ for your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints

☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ 19 _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____
File No. 606141

SIGNED: _____
Pete Buss

If enclosures are not as noted, kindly notify us at once.

Section 206 of TSCA Title II (AHERA)

This is an annual certification. It must be renewed.

Environmental
Safety
Training
Professionals Ltd.

11315 Sunrise Gold Circle, Suite L
Rancho Cordova, CA 95742
Phone 916 638-5550
Fax 916 638-5551
Division Approval Number CA-006-04

By: Neta Snider
Authorized Signature: Neta Snider

Course Date: 01/13/2006

Certification # 7542

I.D. #: 3173

Expiration Date: 01/13/2007

Certificate of Training

This Certifies that

Stephen Finch

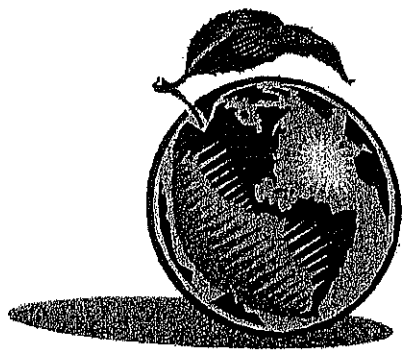
has successfully completed 8 hours of formal training entitled

Asbestos Contractor/Supervisor Refresher

Section 206 of TSCA Title II (AHERA)

This is an annual certification. It must be renewed.

Environmental
Safety
Training
Professionals Ltd.



11315 Sunrise Gold Circle, Suite L
Rancho Cordova, CA 95742
Phone 916 638-5550
Fax 916 638-5551
Division Approval Number CA-006-04

By: Neta Snider
Authorized Signature: Neta Snider

Course Date: 01/13/2006

Certification # 7542

I.D. #: 3173

Expiration Date: 01/13/2007

10/10/2006 10:50 4153838633

has successfully completed the

8 Hour HAZWOPER Refresher Training

In Accordance With Federal OSHA Regulation 29 CFR, 1910.120(e)

SI Consulting
Mill Valley, California 94941
Phone: 415.389.5943.

Certificate Number: 3173-100906-HZWPR

Training Date: October 9, 2006

Expiration Date: October 9, 2007

Trainer: Marvin Snapp

Date: October 9, 2006

Hours: 8

OSHA 8-Hour HAZWOPER Refresher Training

STEPHEN FINCH

has successfully completed the

8 Hour HAZWOPER Refresher Training

In Accordance With Federal OSHA Regulation 29 CFR, 1910.120(e)

SI Consulting
Mill Valley, California 94941
Phone: 415.389.5943.

Certificate Number: 3173-100906-HZWPR

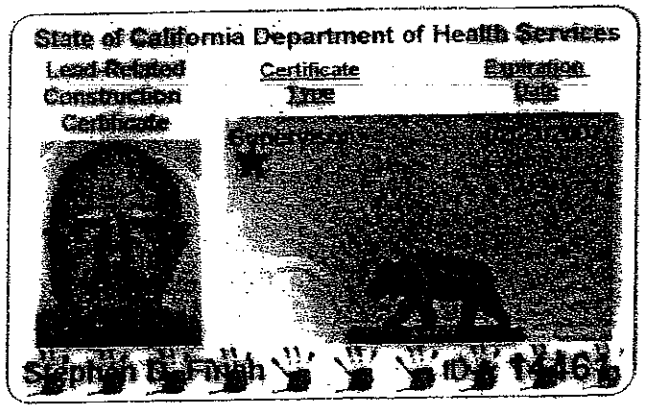
Training Date: October 9, 2006

Expiration Date: October 9, 2007

Trainer: Marvin Snapp

Date: October 9, 2006

Hours: 8



Mr. Stephen D. Finch
Complete Decon Inc
4690 E 2nd Street, #3
Benicia, California 94510

Complete Decon Inc.
4690 East Second St. Unit 3.
Benicia, CA 94510

Respirator Fit Test Acknowledgmen

Employee Name: Stephen Finch Date of Fit Test: 3-18-06

Social Security # 567-78-3173 Date of Birth: 2-21-52

RESPIRATORS TESTED

1. Make and Model NORTH HALF-FACE 7700 Small ☐ Medium ☐ Large ☒
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

2. Make and Model NORTH FULL-FACE 7600 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

3. Make and Model RACAL PAPR 240-01-00 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

TEST EXERCISES

1.	Breathing Normally	✓
2.	Breathing Deeply	✓
3.	Turning Head from Side to Side	✓
4.	Nodding Head Up and Down	✓
5.	Reading (Rainbow Passage)	✓
6.	Grimacing	✓
7.	Bending Over and Touching Toes	✓
8.	Jogging in Place	✓
9.	Breathing Normally	✓

I certify that I understand the exercises which have been shown to me to properly fit, wear, and care for my respirator(s). I have been instructed how to properly clean and maintain the respirator as well as how to inspect and test my respirator in the field. If I cannot speak or read English sufficiently, the information and instructions have been translated into Spanish for me.

Signature of Employee: _____ Date: 3-18-06

I hereby certify that the above test subject has been informed of the hazards of working with asbestos and has been given instruction in the use and care of the respirator(s) selected.

Signature of Instructor: _____ Date: 3-18-06

Concentra Occupational Med Ctrs-CA

2970 Hilltop Mall Rd #203 RICHMOND CA 94806
Phone: (510) 222-8000 Fax: (510) 222-2690

PLHCP[1] WRITTEN STATEMENT for RESPIRATORS (EMPLOYEE)

Service Date: 10/27/2006

Employee Name: Finch, Stephen D.

Employee SSN: 567-78-3173

Address:
1630 Riverlake Rd.

DISCOVERY BAY CA 94514

Employer: Complete Decon Inc

You were evaluated in this office of your medical status related to your physical capability to wear a respirator. (Check ✓ one that applies)

- ☑ There were no abnormal findings that would hamper your ability to perform your job duties while wearing a respirator.
- ☐ The abnormal findings listed below were not related to wearing a respirator but should be reported to your personal physician for further evaluation.

Based upon the results of this evaluation it is my opinion that you: (Check ✓ ALL that apply)

- ☑ ARE qualified to wear a respirator.
- ☐ Have the following restrictions concerning respirator usage: _____
- ☐ ARE NOT qualified to wear a respirator.
- ☐ Require further testing by your private physician who must submit a written report of his/her findings to **Concentra Occupational Med Ctrs-CA** so that a final decision on your ability to wear a respirator can be made.
- ☐ Must wear Special prescription eye-wear needed to accommodate respirator.
- ☐ Must use an Eye glass conversion kit.
- ☑ May need to shave Facial hair to assure tight seal on certain face masks.
- ☐ Need to stop smoking.

(Check ✓ ALL that apply)

- ☐ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☐ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable, the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos, lead and/or other chemical exposure(s).

Respirators must be properly selected based on the containment and concentration levels to which the worker will be exposed. Failure to follow the use and fitting instruction and warnings for proper use contained on the respirator packaging and/or failure to wear the respirator during all times of exposure can reduce the respirator's effectiveness and result in sickness or death. Wearer must be trained in the proper care of any respirator.Refer to product literature and packaging for specific information regarding fit, use and/or limitations.

PLHCP Signature

PLHCP Name (printed)

Expiration Date

[1]Physician or other Licensed Healthcare Professional

To be maintained in the employee's file with a copy to the employee

Environmental Safety Training Professionals, Ltd

11315 Sunrise Gold Circle, Suite L
Rancho Cordova, CA 95742
916 638-5550

Juan M. Cerna

Has successfully completed 8 Hours
Section 206 of TSCA Title II (AHERA)

Asbestos Contractor Supervisor Refresher

Course Date: 01/07/06

Exp. Date: 01/07/07

Cert. Number 7506

ID Number: 6996

DIVISION APPROVAL #CA-006-04

Neta Snider

Authorized Signature

OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

has successfully completed 40 hours of Training in "Hazardous Waste Operations and Emergency Response" in accordance with Federal OSHA - 29 CFR 1910.120 - and Cal/OSHA - 8CCR GISO 5192. By successfully completing this course, the student has displayed a basic understanding of hazardous waste operations and emergency response in regards to the following issues; regulatory requirements, hazard identification, toxicology, site control, confined space entry, drum handling, personal protective equipment, proper respirator use, emergency action plans, site safety plans, medical surveillance and industrial hygiene monitoring. Training provided by: SI Consulting, 11 Clotilda Court, Mill Valley, California, 94941. Tel. No. 415.389.5943.

Certificate Number: 542918005-HZWPR

Training Date: February 27 - March 3, 2006
Expiration Date: March 3, 2007

Training Provider: Marvin H. Shapo
Lead Trainer

Date: March 3, 2006

Complete Decon Inc.
4690 East Second St. Unit 3.
Benicia, CA 94510

Respirator Fit Test Acknowledgmen

Employee Name: JUAN CERNA Date of Fit Test: 5-16-06

Social Security # 616-96-6996 Date of Birth: 2-11-70

RESPIRATORS TESTED

1. Make and Model NORTH HALF-FACE 7700 Small ☐ Medium ☐ Large ☒
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

2. Make and Model NORTH FULL-FACE 7600 Small ☐ Medium ☐ Large ☒
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

3. Make and Model RACAL PAPR 240-01-00 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

TEST EXERCISES

1.	Breathing Normally	✓
2.	Breathing Deeply	✓
3.	Turning Head from Side to Side	✓
4.	Nodding Head Up and Down	✓
5.	Reading (Rainbow Passage)	✓
6.	Grimacing	✓
7.	Bending Over and Touching Toes	✓
8.	Jogging in Place	✓
9.	Breathing Normally	✓

I certify that I understand the exercises which have been shown to me to properly fit, wear, and care for my respirator(s). I have been instructed how to properly clean and maintain the respirator as well as how to inspect and test my respirator in the field. If I cannot speak or read English sufficiently, the information and instructions have been translated into Spanish for me.

Signature of Employee: JUAN CERNA Date: 5-16-06

I hereby certify that the above test subject has been informed of the hazards of working with asbestos and has been given instruction in the use and care of the respirator(s) selected.

Signature of Instructor: _____ Date: 5-16-06

Concentra Occupational Med Ctrs-CA
3587 Merced Street San Leandro, CA 94577
Phone: (510) 351-3553   Fax: (510) 351-3548

Service Date: 09/15/2006

Medical Surveillance - Asbestos

Patient: Cerna, Juan M.
SSN: 616-96-6996
DOB: 02/11/1970
Gender: M
Marital Status: M
Address: 5347 Fleming Ave.
OAKLAND, CA 94619
Home Phone: (707) 590-3013
Work Phone: ______ Ext.:

Job Title: ______
Employer: Laborers Trust Fund
Address: 220 Campus Lane
SUISUN CITY, CA 94585
Job Contact: Ruben Barba
Role: ______
Phone: (510) 569-4761 Ext.:
Fax: (510) 569-4763

Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 09/15/2006 in accordance with: ____29 CFR 1926.1101.
____40 CFR 763.121.

The following was performed:

- [x] Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- [ ] Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- [x] Review of information from previous medical examinations if available.
- [x] A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- [ ] A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- [x] A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- [ ] NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- [x] The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): ______

[signature] 9/21/06   9/25/06 CXR

Provider Signature   Date

PE done 1/6/06

Certificate of Training

This Certifies that

Jose Luis Aleman

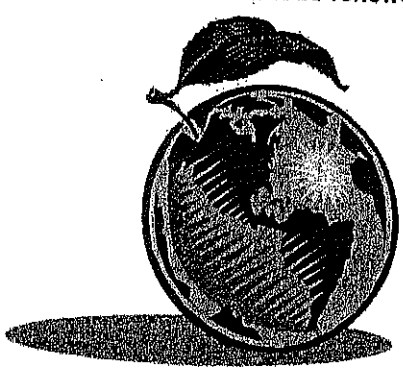
has successfully completed 40 hours of formal training entitled

Asbestos Contractor/Supervisor Initial

Section 206 of TSCA Title II (AHERA)

This is an annual certification. It must be renewed.

Environmental
Safety
Training
Professionals Ltd.



11315 Sunrise Gold Circle, Suite L
Rancho Cordova, CA 95742
Phone 916 638-5550
Fax 916 638-5551
Division Approval # CA-006-03

By: Neta Snider
Authorized Signature: Neta Snider

Certification # 8601

I.D. #: 4668

Course Dates: 07/17-21/2006

Exam Date: 07/21/2006

Expiration Date: 07/21/2007

OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

Jose Luis Aleman

has successfully completed 40 hours of Training in "Hazardous Waste Operations and Emergency Response" in accordance with Federal OSHA - 29 CFR 1910.120 - and Cal/OSHA - 8CCR GISO 5192. By successfully completing this course, the student has displayed a basic understanding of hazardous waste operations and emergency response in regards to the following issues; regulatory requirements, hazard identification, toxicology, site control, confined space entry, drum handling, personal protective equipment, proper respirator use, emergency action plans, site safety plans, medical surveillance and industrial hygiene monitoring. Training provided by: SI Consulting, 11 Clotilda Court, Mill Valley, California 94941. Tel. No. 415.389.5943.

Certificate Number: 463494668-01-HZWPR

Training Date: August 28 - September 1, 2006

Expiration Date: September 1, 2007

Training Provider: Marvin H. Snapp

Trainer

Date: September 1, 2006

Hours: 40

SACRAMENTO OCCUPATIONAL MEDICAL GROUP
a Professional Corporation

David E. Root, M D., M P.H
Medical Director

Board Certified in Occupational Medicine

RESPIRATOR CERTIFICATION

This is to certify that JOSE Luis ALEMAN has undergone a physical examination in accordance with CCR Title 8, Section 5144 (e) (6), and has been found to be medically qualified to wear a respirator. There is no need for any follow-up medical evaluation. The above-named individual has received a copy of this written recommendation.

Physician's Signature

9/9/06
Date

Revised 9/23/02

Reply to:
☐ 5501 Power Inn Road, Suite 140 • Sacramento, CA 95820 • 916/387-6929 • FAX 916/387-6977

Complete Decon, Inc.
4690 East Second St. #3
Benicia, CA 94510

Respirator Fit Test Acknowledgn

Employee Name: Jose Luis Aleman Date of Fit Test: 5-14-06

Social Security # 463-49-4668 Date of Birth: 10/21/72

RESPIRATORS TESTED

1. Make and Model NORTH HALF-FACE 7700 Small ☐ Medium ☐ Large
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke ____

2. Make and Model NORTH FULL-FACE 7600 Small ☐ Medium ☐ Large
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke ____

3. Make and Model RACAL PAPR 240-01-00 Small ☐ Medium ☐ Large
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke ____

TEST EXERCISES

1. Breathing Normally	✓
2. Breathing Deeply	✓
3. Turning Head from Side to Side	✓
4. Nodding Head Up and Down	✓
5. Reading (Rainbow Passage)	✓
6. Grimacing	✓
7. Bending Over and Touching Toes	✓
8. Jogging in Place	✓
9. Breathing Normally	✓

I certify that I understand the exercises which have been shown to me to properly fit, wear, and c for my respirator(s). I have been instructed how to properly clean and maintain the respirator as v as how to inspect and test my respirator in the field. If I cannot speak or read English sufficiently, information and instructions have been translated into Spanish for me .

Signature of Employee: Jose Aleman Date: 5-14-06

I hereby certify that the above test subject has been informed of the hazards of working with asbes and has been given instruction in the use and care of the respirator(s) selected.

Signature of Instructor: Date: 5-14-06

Complete Decon Inc. 4690 E. 2nd St, Ste. 3 6 Benicia, California 94510 (707) 747-4800

Certificate of Worker's Acknowledgment

Name JOSE LUIS ALEMAN SS# 463-49-4668 DOB 10/21/71

Address 11918 ALTAMONTE OAKS Phone 210-323-7525

Do you have now or have you had in the past any respiratory problems? Yes ☐ No ✓

Working with asbestos can be dangerous. Inhaling asbestos fibers has been linked to various types of ca
If you smoke and inhale asbestos fibers, the chance that you will develop lung cancer is greater than tha
non-smoker. In addition, asbestos is known to contribute to a number of diseases including asbestosis.

This project involves the removal of asbestos from a building. You will be supplied with all neces
protective clothing and equipment to prevent exposure to potential asbestos hazards. Prior to the start of
project, you were instructed in safe practices and procedures and in the proper use of equipment. You r
follow these practices and procedures at all times. Disregarding these practices and procedures will resu
your immediate dismissal.

SMOKING, EATING, AND GUM CHEWING ARE NOT PERMITTED IN THE WORK AREAS

RESPIRATORY PROTECTION I have been trained in the proper use of respirators. I am informed of understand the respiratory protection and other personal protec requirements of this project. A copy of my company's written respira protection manual is available to me. I am aware of my legal right to sel at my employer's expense, a powered air purifying respirator in lieu of negative pressure respirator (OSHA 29 CFR 1926.1101).

ASBESTOS TRAINING I have been trained in the dangers inherent in handling asbestos a breathing asbestos dust. I have also been trained in proper work procedu and methods to reduce the likelihood of exposure and release of asbes from the work area. I acknowledge that safety instructions have been giv to me by my employer prior to the start of this project.

MEDICAL EXAMINATION I have had the required medical surveillance in compliance with OSH requirements. I understand that smoking increases the risk of lung can and/or asbestosis and that my employer and my physician at my annual pre-employment exam have advised me to stop or not to start smoking.

I ATTEST THAT THE ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE

Employee Signature _____ Date: 5/14/06

CDI Representative _____ Date: 5/14/06

SACRAMENTO OCCUPATIONAL MEDICAL GROUP
a Professional Corporation

David B. Root, M.D., M.P.H
Medical Director

Board Certified in Occupational Medicine

HAZARDOUS WASTE OPERATIONS & EMERGENCY RESPONSE COMPLIANCE CERTIFICATE

RE: Jose Luis Alemán

In accordance with OSHA standard 29CFR part 1910.120 "Hazardous Waste Operations and Emergency Response," the above-named individual has been evaluated with findings as follows:

Medical conditions placing the employee at increased risk from working at hazardous waste operations or from respirator use: MNL

Limitations upon the employee's assigned work: NNL

Employee has been informed of results of this examination and of any medical conditions which might require further treatment.

Subject is cleared for hazardous waste operations and emergency response.

✓ Yes _____ No

Physician's Signature

- [ ] David E. Root, M.D., M.P.H.
- [ ] Gerald C. Roeseler, M.D.
- [x] Marshall Lee, M.D.
- [ ] Joseph E. Morales, M.D., M.P.A.
- [ ] Tiffany Baer, M.D.
- [ ] Other _____

10-4-06
Date

Reply to:

Laborers' Training and Retraining
Trust Fund for Northern California

* * * - * * - 7460

Elias Zapien
4241R2

1001 Westside Drive San Ramon,CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142

Laborers' Training and Retraining Trust Fund for Northern California

Asbestos Worker Re-Certification : Spanish

Elias Zapien

Certificate Number: 4241R2

THIS CERTIFICATE INDICATES SUCCESSFUL COMPLETION OF TRAINING MANDATED BY THE EPA FOR AHERA WORKER RE-CERTIFICATION IN ASBESTOS UNDER (TSCA) ACT TITLE II **Provider: CA-012-12**

Start Date: 11/5/2005

Completion Date: 11/5/2005 **Expiration Date:** 11/5/2006

Victor Macias, Training Director Date: 11/5/2005

OSHA 8-Hour HAZWOPER Refresher Training

has successfully completed the

8 Hour HAZWOPER Refresher Training

In Accordance With Federal OSHA Regulation 29 CFR, 1910.120(e)

SI Consulting
Mill Valley, California 94941
Phone: 415.389.5943

Certificate Number: T460-100906-HZWPR

Training Date: October 9, 2006

Expiration Date: October 9, 2007

Trainer: Marvin Snapp

Date: October 9, 2006

Hours: 8

Complete Decon Inc.
4690 East Second St. Unit 3
Benicia, CA 94510

Respirator Fit Test Acknowledgmen

Employee Name: ELIAS ZAPIEN Date of Fit Test: 5-16-06

Social Security # 542-91-7460 Date of Birth: 7-14-77

RESPIRATORS TESTED

1. Make and Model NORTH HALF-FACE 7700 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

2. Make and Model NORTH FULL-FACE 7600 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

3. Make and Model RACAL PAPR 240-01-00 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

TEST EXERCISES

1.	Breathing Normally	✓
2.	Breathing Deeply	✓
3.	Turning Head from Side to Side	✓
4.	Nodding Head Up and Down	✓
5.	Reading (Rainbow Passage)	✓
6.	Grimacing	✓
7.	Bending Over and Touching Toes	✓
8.	Jogging in Place	✓
9.	Breathing Normally	✓

I certify that I understand the exercises which have been shown to me to properly fit, wear, and care for my respirator(s). I have been instructed how to properly clean and maintain the respirator as well as how to inspect and test my respirator in the field. If I cannot speak or read English sufficiently, the information and instructions have been translated into Spanish for me.

Signature of Employee: ELIAS ZAPIEN Date: 5-16-06

I hereby certify that the above test subject has been informed of the hazards of working with asbestos and has been given instruction in the use and care of the respirator(s) selected.

Signature of Instructor: [signature] Date: 5-16-06

Concentra Occupational Med Ctrs-C

2970 Hilltop Mall Rd #203 RICHMOND CA 94806
Phone: (510) 222-3000 Fax: (510) 222-2690

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING :

Employee Name: Zapien, Elias

Address: 341 Blossom Way

HAYWARD CA 94541

Employer: Complete Decon Inc

Employee SSN: 542-91-7460

Check Type of Respirator(s) To Be Used (Check ✓ALL that apply)

- ☐ Air-purifying (non-powered)
- ☐ Air-purifying (powered)
- ☐ Atmosphere supplying Respirator
- ☐ Combination air-line and SCBA
- ☐ Continous-Flow Respirator
- ☐ Supplied-Air Respirator
- ☐ Open Circuit SCBA
- ☐ Closed Circuit SCBA
- ☐ Dust Mask
- ☐ 1/2 Face with Canisters
- ☐ Full Face with Canisters

Make: _____ Model: _____ Cartridge: _____

Special Work Conditions (Check ✓ ALL That Apply When Wearing Respirator)

- ☐ High Places
- ☐ Enclosed Places
- ☐ Protective Clothing
- ☐ Temperature Extremes
- ☐ Mostly Cold
- ☐ Mostly Hot
- ☐ Other: _____

Questionare will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Extent of Useage (Check ✓ALL that apply)

- ☐ On a daily basis _____ Total Hours
- ☐ Occasionally - but not more than twice a week ____ Total H
- ☐ Rarely - or for Emergency situations only ____ Total Hours

Expected Physical Effort Required (Check ✓ALL that app

- ☐ Light
- ☐ Moderate
- ☐ Heavy

Exposure to Hazardous Materials (Check ✓ALL that appl

- ☐ Arsenic
- ☐ Benzene
- ☐ Coke Oven
- ☐ Cotton Seed / Dust
- ☐ Cadmium
- ☐ Formaldehyde
- ☐ Methylene Chloride
- ☐ Lead
- ☐ Textiles
- ☐ Chromium

Other(s): _____

EVALUATION AUTHORIZATION BY: _____
Signature of Employer Representativ

DO NOT WRITE BELOW THIS LINE DO NOT WRITE BELOW THIS LINE DO NOT WRITE BELOW THIS L

PLHCP[1] WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)

PHYSICIAN WILL COMPLETE THE FOLLOWING

This report may contain confidential medical information and is intended for the designated employer contact only. The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on seperate forms, in seperate files, and must be treated as a confidential medical record, with the following exceptions:

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations.
- First aid and safety personnel may be informed, when appropriate, if the disability might require emergency treatment.

Based upon my findings, I have determined that this individual (Check ✓ALL that apply)

- ☐ Employee must schedule a medical examination with Concentra Occupational Med Ctrs-CA prior to respirator approval and usage
- ☑ Class I - No Restrictions on Respirator Use
- ☐ Class II - Some Specific Use Restrictions ☐ To be used for Emergency Response or Escape Only ☐ Other: _____
- ☐ Class III - Respirator Use is NOT PERMITTED
- ☐ Further Testing / Evaluation is Required [2]
- ☐ Fit Test Required ☐ Fit Test Performed Satisfactorily
- ☐ Fit Test Performed Unsatisfactorily ☑ Fit Test NOT Performed at: Concentra Occupational Med C
- ☐ Special prescription eyewear needed to accommodate respirator ☐ Special prescription eyewear needed to accommodate respirator
- ☐ Facial hair needs to be shaved to assure tight seal on certain face masks

[1] Physician or other Licensed Healthcare Professional

[2] Employee must seek further medical evaluation by a private physician who must submit a report to Concentra Occupational Med Ctrs-CA of his/her findings to

(Check ✓ ALL that apply)

- ☑ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134
- ☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134, this limited evaluation is specific to respirator use only. Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☐ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos, lead and/or other chemical exposure(s).

Physician's Signature

LAWRENCE PIAZZA, M.D.
Physician's Name (Printed)

Physician's License Number (Optional in Most States)

10/12/06
Date of Exam

Expires On

Concentra Occupational Med Ctrs-CA
2567 Merced Street San Leandro, CA 94577
Phone: (510) 351-3552 Fax: (510) 351-3585

Service Date: 12/19/2005

Medical Surveillance - Asbestos

Patient:	Zapien, Elias	**Job Title:**	
SSN:	542-91-7460	**Employer:**	Laborers Trust Fund
DOB:	07/14/1977	**Address:**	220 Campus Lane
Gender:	M		SUISUN CITY, CA 94585
Marital Status:	M	**Job Contact:**	Ruben Barba
Address:	341 Blossom Way	**Role:**	
	HAYWARD, CA 94541	**Phone:**	(510) 569-4761 **Ext.:**
Home Phone:	(510) 825-4367	**Fax:**	(510) 569-4763
Work Phone:	**Ext.:**	**Race:**	ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 12/19/2005 in accordance with: ✓ 29 CFR 1926.1101.
40 CFR 763.121.

The following was performed:

- ☑ Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- ☑ Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- ☑ Review of information from previous medical examinations if available.
- ☑ A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- ☑ A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- ☑ A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- ☐ NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- ☑ The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

FAXED 12-14-05

Comments or limitations (if any):

Provider Signature

12-19-05
Date

David Jourgensen, M.D.

Certificate of Training

This Certifies that

Neal Ongil

has successfully completed 8 hours of formal training entitled

Asbestos Worker Refresher

Section 206 of TSCA Title II (AHERA)

This is an annual certification. It must be renewed.

Environmental
Safety
Training
Professionals Ltd

11315 Sunrise Gold Circle, Suite L
Rancho Cordova, CA 95742
Phone 916 638-5550
Fax 916 638-5551
Division Approval Number CA-006-02

By: Neta Snider

Authorized Signature: Neta Snider

Course Date: 10/21/2006

Certification # 8861

I.D. #: 1094

Expiration Date: 10/21/2007

OSHA 8-Hour HAZWOPER Refresher Training

NEAL NGIIL

SI CONSULTING

has successfully completed the

8 Hour HAZWOPER Refresher Training

In Accordance With Federal OSHA Regulation 29 CFR, 1910.120(e)

SI Consulting
Mill Valley, California 94941
Phone: 415.389.5943.

Certificate Number: 1094-100906-HZWPR

Training Date: October 9, 2006

Expiration Date: October 9, 2007

Trainer: Marvin Snapp

Date: October 9, 2006

Hours: 8

Complete Decon Inc.
4690 East Second St. Unit 3.
Benicia, CA 94510

Respirator Fit Test Acknowledgmen

Employee Name: Neal Ongil Date of Fit Test: 5-16-06

Social Security # 586-23-1094 Date of Birth: 1-8-75

RESPIRATORS TESTED

1. Make and Model NORTH HALF-FACE 7700 Small ☐ Medium ☐ Large ☒
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

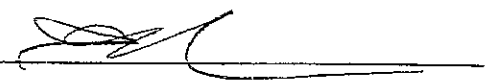
2. Make and Model NORTH FULL-FACE 7600 Small ☐ Medium ☐ Large ☒
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

3. Make and Model RACAL PAPR 240-01-00 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

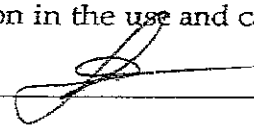
TEST EXERCISES

1.	Breathing Normally	✓
2.	Breathing Deeply	✓
3.	Turning Head from Side to Side	✓
4.	Nodding Head Up and Down	✓
5.	Reading (Rainbow Passage)	✓
6.	Grimacing	✓
7.	Bending Over and Touching Toes	✓
8.	Jogging in Place	✓
9.	Breathing Normally	✓

I certify that I understand the exercises which have been shown to me to properly fit, wear, and care for my respirator(s). I have been instructed how to properly clean and maintain the respirator as well as how to inspect and test my respirator in the field. If I cannot speak or read English sufficiently, the information and instructions have been translated into Spanish for me.

Signature of Employee:  Date: 5-16-06

I hereby certify that the above test subject has been informed of the hazards of working with asbestos and has been given instruction in the use and care of the respirator(s) selected.

Signature of Instructor:  Date: 5-16-06

Concentra Occupational Med Ctrs-CA

2970 Hilltop Mall Rd #203 RICHMOND CA 94806
Phone: (510) 222-8000 Fax: (510) 222-2690

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING :

Employee Name: Ongill, Neal

Address: 1005 El Comenito

LIVERMORE CA 94550

Employer: Complete Decon Inc

Employee SSN: 586-23-1094

Check Type of Respirator(s) To Be Used (Check ✓ALL that apply)

- ☐ Air-purifying (non-powered)
- ☐ Air-purifying (powered)
- ☐ Atmosphere supplying Respirator
- ☐ Combination air-line and SCBA
- ☐ Continous-Flow Respirator
- ☐ Supplied-Air Respirator
- ☐ Open Circuit SCBA
- ☐ Closed Circuit SCBA
- ☐ Dust Mask
- ☐ 1/2 Face with Canisters
- ☐ Full Face with Canisters

Make: _____ Model: _____ Cartridge: _____

Special Work Conditions (Check ✓ ALL That Apply When Wearing Respirator)

- ☐ High Places
- ☐ Enclosed Places
- ☐ Protective Clothing
- ☐ Temperature Extremes
- ☐ Mostly Cold
- ☐ Mostly Hot
- ☐ Other: _____

Questionare will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Extent of Useage (Check ✓ALL that apply)

- ☐ On a daily basis _____ Total Hours
- ☐ Occasionally - but not more than twice a week ____ Total Hou
- ☐ Rarely - or for Emergency situations only ____ Total Hours

Expected Physical Effort Required (Check ✓ALL that apply)

- ☐ Light
- ☐ Moderate
- ☐ Heavy

Exposure to Hazardous Materials (Check ✓ALL that apply)

- ☐ Arsenic
- ☐ Benzene
- ☐ Coke Oven
- ☐ Cotton Seed / Dust
- ☐ Cadmium
- ☐ Formaldehyde
- ☐ Methylene Chloride
- ☐ Lead
- ☐ Textiles
- ☐ Chromium

Other(s): _____

EVALUATION AUTHORIZATION BY: _____
Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE DO NOT WRITE BELOW THIS LINE DO NOT WRITE BELOW THIS LINE

PLHCP [1] WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)

PHYSICIAN WILL COMPLETE THE FOLLOWING

This report may contain confidential medical information and is intended for the designated employer contact only The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on seperate forms, in seperate files, and must be treated as a confidential medical record, with the following exceptions:

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations
- First aid and safety personnel may be informed when appropriate if the disability might require emergency treatment

Based upon my findings, I have determined that this individual (Check ✓ALL that apply)

- ☐ Employee must schedule a medical examination with **Concentra Occupational Med Ctrs-CA** prior to respirator approval and usage
- ☑ Class I - No Restrictions on Respirator Use
- ☐ Class II - Some Specific Use Restrictions
- ☐ To be used for Emergency Response or Escape Only
- ☐ Other: _____
- ☐ Class III - Respirator Use is NOT PERMITTED
- ☐ Further Testing / Evaluation is Required [2]
- ☐ Fit Test Required
- ☑ Fit Test Performed Satisfactorily
- ☐ Fit Test Performed Unsatisfactorily
- ☑ Fit Test NOT Performed at: **Concentra Occupational Med C**
- ☐ Special prescription eyewear needed to accommodate respirator
- ☐ Special prescription eyewear needed to accommodate respirator
- ☐ Facial hair needs to be shaved to assure tight seal on certain face masks

[1] Physician or other Licensed Healthcare Professional

[2] Employee must seek further medical evaluation by a private physician who must submit a report to **Concentra Occupational Med Ctrs-CA** of his/her findings to

(Check ✓ ALL that apply)

- ☑ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910.134. This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☐ The above individual HAS NOT been examined by me for respirator fitness The employee's medical evaluation consisted of a review of OSHA's Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134 this limited evaluation is specific to respirator use only Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910.134.
- ☑ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment Where applicable, the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos lead and/or other chemical exposure(s).

Melodie Jend DO

Physician's Signature

Melodie Jend

Physician's Name (Printed)

Physician's License Number (Optional in Most States)

10-11-06

Date of Exam

Expires On

Environmental Safety Training Professionals, Ltd

11315 Sunrise Gold Circle, Suite L
Rancho Cordova, CA 95742
916 638-5550

Jesus Patino

Has successfully completed 8 Hours
Section 206 of TSCA Title II (AHERA)

Asbestos Contractor Supervisor Refresher

Course Date: 05/06/06

Exp. Date: 05/06/07

Cert. Number 8182

ID Number: 0902

DIVISION APPROVAL #CA-006-04

Nata Snyder

Authorized Signature

OSHA 8-Hour HAZWOPER Refresher Training

JESUS LATINO

has successfully completed the

8 Hour HAZWOPER Refresher Training

In Accordance With Federal OSHA Regulation 29 CFR, 1910.120(e)

SI Consulting
Mill Valley, California 94941
Phone: 415.389.5943

Certificate Number: 0902-100906-HZWPR

Training Date: October 9, 2006

Expiration Date: October 9, 2007

Trainer: Marvin Shapp

Date: October 9, 2006

Hours: 8

Complete Decon Inc.
4690 East Second St. Unit 3
Benicia, CA 94510

Respirator Fit Test Acknowledgm

Employee Name: Jesus Patiño Date of Fit Test: 5-16-06

Social Security # 0902 Date of Birth: 6-15-65

RESPIRATORS TESTED

1. Make and Model NORTH HALF-FACE 7700 Small ☐ Medium ☐ Large ☒
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

2. Make and Model NORTH FULL-FACE 7600 Small ☐ Medium ☐ Large ☒
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

3. Make and Model RACAL PAPR 240-01-00 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

TEST EXERCISES

1.	Breathing Normally	✓
2.	Breathing Deeply	✓
3.	Turning Head from Side to Side	✓
4.	Nodding Head Up and Down	✓
5.	Reading (Rainbow Passage)	✓
6.	Grimacing	✓
7.	Bending Over and Touching Toes	✓
8.	Jogging in Place	✓
9.	Breathing Normally	✓

I certify that I understand the exercises which have been shown to me to properly fit, wear, and car for my respirator(s). I have been instructed how to properly clean and maintain the respirator a well as how to inspect and test my respirator in the field. If I cannot speak or read Englis sufficiently, the information and instructions have been translated into Spanish for me .

Signature of Employee: Jesus Patiño Date: 5-16-06

I hereby certify that the above test subject has been informed of the hazards of working with asbestos and has been given instruction in the use and care of the respirator(s) selected.

Signature of Instructor: [signature] Date: 5-16-06

Concentra Occupational Med Ctrs-CA
2587 Marcoy Street San Leandro, CA 94577
Phone: (510) 351-3555 Fax: (510) 351-3585

Service Date: 01/24/2006

Medical Surveillance - Asbestos

Patient: Patino, Jesus
SSN: 614-71-0902
DOB: 06/15/1965
Gender: M
Marital Status: M
Address: 21364 Oceanview Dr. #C
HAYWARD, CA 94541
Home Phone: (510) 581-5711
Work Phone: Ext.:

Job Title:
Employer: Laborers Trust Fund
Address: 220 Campus Lane
SUISUN CITY, CA 94585
Job Contact: Ruben Barba
Role:
Phone: (510) 569-4761 Ext.:
Fax: (510) 569-4763

Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 01/24/2006 in accordance with: ____29 CFR 1926.1101.
____40 CFR 763.121.

The following was performed:

- [x] Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- [x] Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- [x] Review of information from previous medical examinations if available.
- [x] A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- [x] A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- [x] A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(ii)(C).
- [ ] NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- [ ] The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): _____ JAN 24 2006 CF

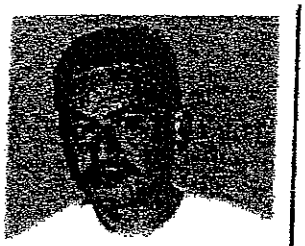
Scott Anderson MD
Provider Signature

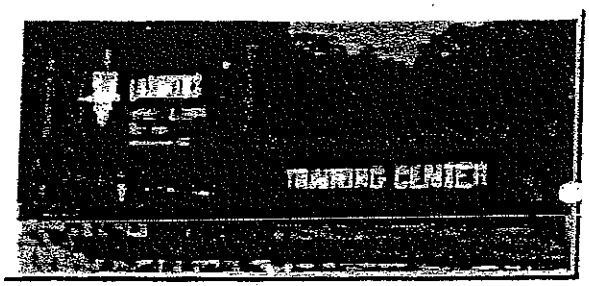
1.24.2006
Date

RECEIVED 1/26/06

Laborers' Training and Retraining Trust Fund for Northern California

* * * - * * - 6762





Rafael Gil
4648R

1001 Westside Drive San Ramon.CA 94583
Phone: (925) 828-2513 Fax: (925) 828-6142

Laborers' Training and Retraining Trust Fund for Northern California

Asbestos Worker Re-Certification : Spanish

Rafael Gil

Certificate Number: 4648R

THIS CERTIFICATE INDICATES SUCCESSFUL COMPLETION OF TRAINING MANDATED BY THE EPA FOR AHERA WORKER RE-CERTIFICATION IN ASBESTOS UNDER (TSCA) ACT TITLE II **Provider: CA-012-12**

Start Date: 9/30/2006

Completion Date: 9/30/2006 **Expiration Date: 9/30/2007**

Victor Macias, Training Director Date: 9/30/2006

State of California Department of Health Services

Lead-Related Construction Certificate

Certificate Type

Worker

Expiration Date

08/01/2007

Rafael Gil

ID #: 15724

OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

has successfully completed 40 hours of Training in "Hazardous Waste Operations and Emergency Response" in accordance with Federal OSHA - 29 CFR 1910.120 - and Cal/OSHA - 8CCR GISO 5192. By successfully completing this course, the student has displayed a basic understanding of hazardous waste operations and emergency response in regards to the following issues; regulatory requirements, hazard identification, toxicology, site control, confined space entry, drum handling, personal protective equipment, proper respirator use, emergency action plans, site safety plans, medical surveillance and industrial hygiene monitoring. Training provided by: SI Consulting, 11 Clotilda Court, Mill Valley, California, 94941. Tel. No. 415.389.5943.

Certificate Number: 542918003-HZWPR

Training Date: February 27 - March 3, 2006
Expiration Date: March 3, 2007

Training Provider: Marvin H. Snapp
Lead Trainer

Date: March 3, 2006

Hours: 40

Concentra Occupational Med Ctrs-CA

2970 Hilltop Mall Rd #203 RICHMOND CA 94806
Phone: (510) 222-8000 Fax: (510) 222-2690

EMPLOYER AUTHORIZATION AND INFORMATION FOR RESPIRATORY EVALUATION

EMPLOYER TO COMPLETE THE FOLLOWING :

Employee Name: Ongill, Neal

Employer: Complete Decon Inc

Address: 1005 El Comenito
LIVERMORE CA 94550

Employee SSN: 586-23-1094

Check Type of Respirator(s) To Be Used **(Check ✓ALL that apply)**

- ☐ Air-purifying (non-powered) ☐ Air-purifying (powered)
- ☐ Atmosphere supplying Respirator
- ☐ Combination air-line and SCBA
- ☐ Continous-Flow Respirator
- ☐ Supplied-Air Respirator
- ☐ Open Circuit SCBA ☐ Closed Circuit SCBA
- ☐ Dust Mask ☐ 1/2 Face with Canisters ☐ Full Face with Canisters

Make: ______ Model: ______ Cartridge: ______

Special Work Conditions
(Check ✓ ALL That Apply When Wearing Respirator)

- ☐ High Places ☐ Enclosed Places ☐ Protective Clothing
- ☐ Temperature Extremes ☐ Mostly Cold ☐ Mostly Hot
- ☐ Other: ______

Questionare will be: ☐ HAND CARRIED ☐ MAILED ☐ OTHER

Extent of Useage **(Check ✓ALL that apply)**

- ☐ On a daily basis _____ Total Hours
- ☐ Occasionally - but not more than twice a week ____ Total Hour
- ☐ Rarely - or for Emergency situations only ____ Total Hours

Expected Physical Effort Required **(Check ✓ALL that apply)**

☐ Light ☐ Moderate ☐ Heavy

Exposure to Hazardous Materials **(Check ✓ALL that apply)**

- ☐ Arsenic ☐ Benzene
- ☐ Coke Oven ☐ Cotton Seed / Dust
- ☐ Cadmium ☐ Formaldehyde
- ☐ Methylene Chloride ☐ Lead
- ☐ Textiles ☐ Chromium

Other(s): ______

EVALUATION AUTHORIZATION BY: ______
Signature of Employer Representative

DO NOT WRITE BELOW THIS LINE **DO NOT WRITE BELOW THIS LINE** **DO NOT WRITE BELOW THIS LINE**

PLHCP[1] WRITTEN STATEMENT for RESPIRATORS (EMPLOYER)

PHYSICIAN WILL COMPLETE THE FOLLOWING

This report may contain confidential medical information and is intended for the designated employer contact only The Americans with Disabilities Act (ADA) imposes very strict limitations on the use of information obtained during physical examination of qualified individuals with disabilities. All information must be collected and maintained on seperate forms in seperate files, and must be treated as a confidential medical record, with the following exceptions:

- Supervisors and managers may be informed about necessary restrictions on the work or duties of an employee and necessary accommodations.
- First aid and safety personnel may be informed. when appropriate. if the disability might require emergency treatment.

Based upon my findings, I have determined that this individual **(Check ✓ALL that apply)**

- ☐ Employee must schedule a medical examination with **Concentra Occupational Med Ctrs-CA** prior to respirator approval and usage
- ☑ Class I - No Restrictions on Respirator Use
- ☐ Class II - Some Specific Use Restrictions ☐ To be used for Emergency Response or Escape Only ☐ Other: ______
- ☐ Class III - Respirator Use is NOT PERMITTED
- ☐ Further Testing / Evaluation is Required. [2]
- ☐ Fit Test Required ☐ Fit Test Performed Satisfactorily
- ☐ Fit Test Performed Unsatisfactorily ☑ Fit Test NOT Performed at: **Concentra Occupational Med C**
- ☐ Special prescription eyewear needed to accommodate respirator ☐ Special prescription eyewear needed to accommodate respirator
- ☐ Facial hair needs to be shaved to assure tight seal on certain face masks.

[1] Physician or other Licensed Healthcare Professional.
[2] Employee must seek further medical evaluation by a private physician who must submit a report to **Concentra Occupational Med Ctrs-CA** of his/her findings to

(Check ✓ ALL that apply)

- ☑ The above individual HAS been examined for respirator fitness in accordance with 29 CFR 1910 134 This limited evaluation is specific to respirator use only. Employees should be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician. This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910 134.
- ☐ The above individual HAS NOT been examined by me for respirator fitness. The employee's medical evaluation consisted of a review of OSHA s Medical Evaluation Questionnaire in Appendix C Part A Section 2. In accordance with 29 CFR 1910.134. this limited evaluation is specific to respirator use only Employees would be instructed to report any difficulties in using respirators or change of any physical status to their supervisor or physician This evaluation included the Respiratory Questionnaire outlined in 29 CFR 1910 134.
- ☑ In accordance with specific OSHA requirements, I have informed the above named individual of the results of this evaluation and of any medical conditions resulting from exposures that may require further explanation or treatment. Where applicable the above named individual has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos lead and/or other chemical exposure(s).

Melodie [signature] PA
Physician's Signature

Melodie Jerd
Physician's Name (Printed)

______
Physician's License Number (Optional in Most States)

10-11-06
Date of Exam Expires On

To be maintained in the employee's file with a copy to the employee

Complete Decon Inc.
4690 East Second St. Unit 3.
Benicia, CA 94510

Respirator Fit Test Acknowledgm

Employee Name: RAFAEL GIL Date of Fit Test: 5-16-06

Social Security # 621-90-6762 Date of Birth: 08/01/78

RESPIRATORS TESTED

1. Make and Model NORTH HALF-FACE 7700 Small ☐ Medium ☐ Large ☑
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

2. Make and Model NORTH FULL-FACE 7600 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

3. Make and Model RACAL PAPR 240-01-00 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

TEST EXERCISES

1.	Breathing Normally	✓
2.	Breathing Deeply	✓
3.	Turning Head from Side to Side	✓
4.	Nodding Head Up and Down	✓
5.	Reading (Rainbow Passage)	✓
6.	Grimacing	✓
7.	Bending Over and Touching Toes	✓
8.	Jogging in Place	✓
9.	Breathing Normally	✓

I certify that I understand the exercises which have been shown to me to properly fit, wear, and care for my respirator(s). I have been instructed how to properly clean and maintain the respirator as well as how to inspect and test my respirator in the field. If I cannot speak or read English sufficiently, the information and instructions have been translated into Spanish for me.

Signature of Employee: RAFAEL GIL Date: 5-16-06

I hereby certify that the above test subject has been informed of the hazards of working with asbestos and has been given instruction in the use and care of the respirator(s) selected.

Signature of Instructor: _____ Date: 5-16-06

Concentra Occupational Med Ctrs-CA
2587 Merced Street San Leandro, CA 94577
Phone: (510) 351-3553 Fax: (510) 351-3585

Service Date: 09/15/2006

Medical Surveillance - Asbestos

Patient: Gil, Rafael
SSN: 621-90-6762
DOB: 08/01/1978
Gender: M
Marital Status: S
Address: 1937 26th Ave. #16
OAKLAND, CA 94601
Home Phone: (510) 532-5928
Work Phone: Ext.:

Job Title:
Employer: Laborers Trust Fund
Address: 220 Campus Lane
SUISUN CITY, CA 94585
Job Contact: Ruben Barba
Role:
Phone: (510) 569-4761 Ext.:
Fax: (510) 569-4763

Race: ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 09/15/2006 in accordance with: ____29 CFR 1926.1101. ____40 CFR 763.121.

The following was performed:

- [x] Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- [ ] Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- [x] Review of information from previous medical examinations if available.
- [x] A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems.
- [x] A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- [x] A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101. (M)(2)(II)(C).
- [ ] NOTE: According to 29 CFR 1926.1101 (M)(2)(II)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- [x] The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

Comments or limitations (if any): nl exam

Deborah Schwab NP
Provider Signature

9-15-06
Date

OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER)

has successfully completed 40 hours of Training in "Hazardous Waste Operations and Emergency Response" in accordance with Federal OSHA - 29 CFR 1910.120 - and Cal/OSHA - 8CCR GISO 5192. By successfully completing this course, the student has displayed a basic understanding of hazardous waste operations and emergency response in regards to the following issues; regulatory requirements, hazard identification, toxicology, site control, confined space entry, drum handling, personal protective equipment, proper respirator use, emergency action plans, site safety plans, medical surveillance and industrial hygiene monitoring. Training provided by: SI Consulting, 11 Clotilda Court, Mill Valley, California, 94941. Tel. No. 415.389.5943.

Certificate Number: 9012006-6667-HZWPR

Training Date: August 28 - September 1, 2006

Expiration Date: September 1, 2007

Training Provider: Marvin H. Snapp

Date: September 1, 2006

Hours: 40

Environmental Safety Training Professionals, Ltd

11315 Sunrise Gold Circle, Suite L
Rancho Cordova, CA 95742
916 638-5550

Oscar Urzua

Has successfully completed 8 Hours
Section 206 of TSCA Title II (AHERA)

Asbestos Contractor Supervisor Refresher

Course Date: 01/07/06

Exp. Date: 01/07/07

Cert. Number 7490

ID Number: 6667

DIVISION APPROVAL #CA-006-04

Neta Snider

Authorized Signature

Complete Decon Inc.
4690 East Second St. Unit 3.
Benicia, CA 94510

Respirator Fit Test Acknowledgment

Employee Name: OSCAR URZUA Date of Fit Test: 3-18-06

Social Security # 6667 Date of Birth: 2-20-70

RESPIRATORS TESTED

1. Make and Model NORTH HALF-FACE 7700 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

2. Make and Model NORTH FULL-FACE 7600 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

3. Make and Model RACAL PAPR 240-01-00 Small ☐ Medium ☐ Large ☐
   Quantitative ____ Qualitative X ISO Amyl Acetate ____ Irritant Smoke X

TEST EXERCISES

1.	Breathing Normally	✓
2.	Breathing Deeply	✓
3.	Turning Head from Side to Side	✓
4.	Nodding Head Up and Down	✓
5.	Reading (Rainbow Passage)	✓
6.	Grimacing	✓
7.	Bending Over and Touching Toes	✓
8.	Jogging in Place	✓
9.	Breathing Normally	✓

I certify that I understand the exercises which have been shown to me to properly fit, wear, and care for my respirator(s). I have been instructed how to properly clean and maintain the respirator as well as how to inspect and test my respirator in the field. If I cannot speak or read English sufficiently, the information and instructions have been translated into Spanish for me.

Signature of Employee: OSCAR URZUA Date: 3-18-06

I hereby certify that the above test subject has been informed of the hazards of working with asbestos and has been given instruction in the use and care of the respirator(s) selected.

Signature of Instructor:  Date: 3-18-06

Pacific States
ENVIRONMENTAL CONTRACTORS, INC.
California Contractor License #723241 A HAZ

11555 Dublin Blvd., Dublin, CA 94568
Tel. 925-803-4333 Fax 925-803-4334

LETTER OF TRANSMITTAL

DATE	JOB NO.
11/1/06	606120
RE: MSDS Sheets for Tackifiers	

TO
OC Jones & Soncs

1155 3rd Street

Oakland, CA. 94607

Attn.: Justin Pichardo

WE ARE SENDING YOU:- ☐ Attached ☐ under separate cover via _____ the following items;

☐ Prints ☐ Shop Drawings ☐ Plans ☐ Specifications ☐ Samples

☐ Change Order ☐ Copy of Letter ☒ Submittals

COPIES	DATE	NO.	DESCRIPTION
1	11/1/06	1	MSDS Polytack III
1	11/1/06	1	MSDS Penewet

THESE ARE TRANSMITTED AS CHECKED BELOW:

☐ for approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval

☐ for your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints

☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ 19 _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____
File No. 606141

SIGNED: _____
Pete Buss

If enclosures are not as noted, kindly notify us at once.

ATTN: STEVE

MANUFACTURED FOR: INLINE DISTRIBUTING CO.
ADDRESS: 9380 SAN FERNANDO ROAD
SUN VALLEY, CA 91352
EMERGENCY PHONE NUMBER: CHEMTREC
1-800-424-9300
INFORMATION NUMBER: 1-818-768-3333

H. M. I. S.
HEALTH 2
REACTIVITY 0
FLAMMABILITY 4
THESE RATINGS SHOULD BE USED ONLY AS PART OF A FULLY IMPLEMENTED HMIS PROGRAM

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT CLASS: AEROSOL ADHESIVE **PRODUCT CODE NUMBER:** POLYTACK III
DATE: 12/04/2003
HAZARDOUS MATERIAL DESCRIPTION: Consumer Commodity ORM-D
PRODUCT NAME: INLINE POLYTACK III 10 OZ. HAPS FREE

SECTION II- HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO	OSHA PEL	TWA TLV	STEL	SARA 313	WT % (OPTIONAL)
ACETONE	67-64-1	750	750	1000		15 - 25
PROPANE	74-98-6	1000	1000	ASPHYXIANT		20 - 30
HEPTANE	142-82-5	500	400	400		10 - 20
ISOBUTANE	75-28-5	N/A	800	N/A		5 - 15
ALIPHATIC HYDROCARBON	110-82-7	300	300		X	1 - 10

SECTION III - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE
INHALATION: CAN CAUSE IRRITATION TO THE NOSE AND THROAT. HIGH CONCENTRATIONS MAY CAUSE HEADACHES, DIZZINESS, NAUSEA, AND CONFUSION
EYE: MAY CAUSE EYE IRRITATION
SKIN: MAY CAUSE TRANSIENT SKIN IRRITATION
INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION
OTHER: REPORTS HAVE ASSOCIATED PROLONGED AND REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

SECTION IV - FIRST AID PROCEDURES

SWALLOWING: IF SWALLOWED DO NOT INDUCE VOMITING. CALL POISON CONTROL CENTER HOSPITAL EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY.
INHALATION: REMOVE TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP WARM AND QUIET. GET MEDICAL ATTENTION.
EYE: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. CONTINUE FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION
SKIN: REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS

SECTION V - PHYSICAL DATA

BOILING POINT	-40F TO 160F	SPECIFIC GRAVITY	0.6
VAPOR PRESSURE PSIG @ 70 F	70 APPROX	MELTING POINT	N.A.
VAPOR DENSITY	2.5	% SOLIDS	23 4%

APPEARANCE AND ODOR:
CLEAR LIGHT AMBER SOLUTION

SECTION VI - FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD -40F TCC FLAMMABLE LIMITS: 1 8 LEL
12 0 UEL

UNUSUAL FIRE AND EXPLOSION HAZARDS: AEROSOL CANS MAY RUPTURE WHEN HEATED

EXTINGUISHING MEDIA: USE WATER FOG, DRY CHEMICAL, FOAM OR CARBON DIOXIDE

SPECIAL FIRE FIGHTING PROCEDURES: HEATING OF CONTENTS ABOVE 130F MAY CAUSE CANS TO BURST.

SECTION VII - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: STORING IN HIGH TEMPERATURES OR EXPOSING TO OPEN FLAMES
INCOMPATABILITY (CONDITIONS TO AVOID): NONE
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE.
HAZARDOUS POLYMERIZATION: NONE

SECTION VIII - SPILL OR LEAK INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ELIMINATE ALL SOURCES OF IGNITION. PERMIT ONLY PROPERLY PROTECTED WORKERS IN THE AREA WITH SKIN/EYE PROTECTION AND SELF CONTAINED BREATHING GEAR. ABSORB SMALL SPILLS WITH INERT ABSORBANT MATERIAL. CONTACT STATE, LOCAL, AND FEDERAL AGENCIES TO ENSURE COMPLIANCE WITH CURRENT REGULATIONS.

WASTE DISPOSAL METHOD: WASTE MUST BE DISPOSED OF ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

SECTION IX - PERSONAL PROTECTION INFORMATION

RESPIRATION PROTECTION: IF THE TLV S LISTED IN SECTION II ARE EXCEEDED USE A PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATOR.
VENTILATION: LOCAL AND MECHANICAL VENTILATION ARE RECOMMENDED TO KEEP ANY HAZARDOUS INGREDIENTS LISTED IN SECTION II BELOW THE LOWEST EXPOSURE LIMIT.
HAND PROTECTION: RESISTANT PLASTIC OR RUBBER RECOMMENDED.
EYE PROTECTION: WEAR SAFETY CHEMICAL SPLASH GOGGLES.
OTHER PROTECTIVE EQUIPMENT: NOT LIKELY TO BE NEEDED.

SECTION X - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE CANS IN A COOL, DRY AND WELL VENTILATED AREA AWAY FROM ALL IGNITION SOURCES. PROLONGED EXPOSURE OF CANS TO ELEVATED TEMPERATURES MAY CAUSE CANS TO RUPTURE OR BURST

THE FOREGOING DATA HAS BEEN COMPILED FROM SOURCES WE BELIEVES TO BE ACCURATE. NO WARRANTY, EXPRESS OR IMPLIED, IS INTENDED. THIS INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION AND INTERPRETATION.

MATERIAL SAFETY DATA SHEET

(Essentially similar to OSHA form 174 Sept 1986 - For Compliance with OSHA's Hazard Communication Standard, 29CFR 1910 1200)

Section I - Product Identity:

Penewet® (6450)

Manufacturer's Name:
Fiberlock Technologies, Inc
150 Dascomb Road
Andover, MA 01810

Date of Preparation: September 15, 2002
Information Telephone Number: (978) 623-9987
Emergency Telephone Numbers:
Weekdays: (978) 623-9987
After hours, weekends & holidays: (978) 887-5926, or
*CHEM-TEL Emergency Contact Number: (800) 255-3924

Section II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENT	COMMON NAME(S)	%	CAS NO.	OSHA PEL	OR	ACGIH TLV

None per the limits for reporting set forth in 29CFR 1910 1200

Section III - Physical/Chemical Characteristics

Boiling Points of Major Constituent: (Water)	212°F	Specific Gravity (H_2O=1) Wgt/gal.	1.01
Vapor Pressure (mm Hg) @ 68°F	N/D	Melting Point Water (Ice)	32°F
Vapor Density (AIR=1) Heavier Lighter	N/D	Evaporation Rate (Butyl Acetate=1)	Slower
Solubility in Water	Complete	Appearance: Clear solution Odor: Odorless	

Section IV - Fire and Explosion Hazard Data (Nonflammable)

Flash Point: None	Flammable Limits: LEL: N/A UEL:N/A	DOT Hazard Class: Not Regulated	Marking: "Keep From Freezing"

Special Firefighting Properties: N/A Unusual Fire Explosion: N/A

Section V - Reactivity Data

Hazardous Polymerization: Won't occur Stability: Stable Incompatibility: N/A
Hazardous Decomposition: N/A Conditions to Avoid: N/A

Section VI - Health Hazard Data, Toxicity Data

Route(s) of Entry: None for skin, inhalation and ingestion
Carcinogenicity NTP: No IARC Monographs: No OSHA Regulated: No Signs Symptoms: N/A
Health Hazards (Acute and Chronic): N/A Medical Conditions: N/A

EMERGENCY AND FIRST AID PROCEDURES: Eyes: Flush with water. Skin: Wash with soap/water. Remove contaminated clothing
Ingestion: Induce vomiting Seek immediate medical attention Inhalation: Remove to fresh air

SUPPLEMENTAL INFORMATION

To comply with New Jersey DOH Right-To-Know labeling law
(N.J.A.C. 8:59 - 5.1 & 5.2)

CAS. No :	CHEMICAL INGREDIENTS:
7732-18-5	Water
68131-39-5	Alcohol ethoxylate
64-02-8	Tetrasodium EDTA
Not Avail.*	Alkoxylated linear alcohol
Not Avail.*	Hydroxyethyl cellulose

Contents partially unknown

HMIS HAZARD RATING			
Health: 1	Flammability: 0	Reactivity: 0	Personal Protection: A
HAZARD INDEX: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe			
PERSONAL PROTECTION CODE			
A=Safety Glasses			

Section VII: Precautions for Safe Handling and Use

IN CASE MATERIAL IS RELEASED OR SPILLED: Flush area with water. Mop up and hold for disposal
WASTE DISPOSAL METHOD: Any method in accordance with local, state and federal regulations
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container sealed when not in use. Do not store at elevated temperatures
OTHER PRECAUTIONS: Eye protection recommended
Ventilation: N/A

Section VIII: Control Measures

RESPIRATORY PROTECTION: None needed
PROTECTIVE GLOVES: N/A
EYE PROTECTION: Use safety eyewear including side shields, face shields, or chemical splash goggles (ANSIZ-87.1 or approved equivalent).
OTHER PROTECTIVE EQUIPMENT: N/A
WORK HYGIENIC: N/A

X. Diagrams
See the Sketch for areas of impact

Consultant's Signature:	Glenn R. Cass, CAC #92-0092	Date: 10/12/064
Contractor's Signature:		Date: 11-3-06

B-8027

Service Date: 11/01/2006

Concentra Occupational Med Ctrs-CA
2307 Merced Street San Leandro, CA 94577
Phone: (510) 351-3535 Fax: (510) 351-3585

Medical Surveillance - Asbestos

Patient:	Urzua, Oscar	**Job Title:**	
SSN:	609-15-6667	**Employer:**	Laborers Trust Fund
DOB:	02/20/1970	**Address:**	220 Campus Lane
Gender:	M		SUISUN CITY, CA 94585
Marital Status:	M	**Job Contact:**	Ruben Barba
Address:	3014 Fruitvale Avenue #12 OAKLAND, CA 94602	**Role:**	
		Phone:	(510) 569-4761 Ext.:
Home Phone:	(510) 534-0105	**Fax:**	(510) 569-4763
Work Phone:	Ext.:	**Race:**	ASIAN BLACK HISPANIC INDIAN WHITE OTHER

The above individual was seen on 11/01/2006 in accordance with: ___29 CFR 1926.1101. ___40 CFR 763.121.

The following was performed:

- [x] Completion and review of the standardized medical questionnaire and work history with special emphasis directed to the pulmonary, cardiovascular, and gastrointestinal systems per Appendix D in 1926.1101.
- [ ] Review of the employer's description of: this employee's duties as they relate to the employee's exposure, the employee's representative or anticipated exposure level, and personal protection equipment to be utilized by the employee.
- [ ] Review of information from previous medical examinations if available.
- [x] A physical examination with emphasis upon the pulmonary, cardiovascular, and gastrointestinal systems
- [x] A pulmonary function test of forced vital capacity (FVC) and forced expiratory volume at one second (FEV 1) in accordance with NIOSH and ATS standards.
- [ ] A chest roentgenogram, posterior-anterior, 14x17 inches (or current film on file) with interpretation in accordance with 29 CFR 1926.1101 (M)(2)(ii)(C).
- [ ] NOTE: According to 29 CFR 1926.1101 (M)(2)(ii)(C), it is up to the discretion of the physician whether or not a chest X-ray is required.
- [x] The employee was informed by the physician of the results of the exam and of any medical conditions that may result from asbestos exposure including the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure

Unless otherwise noted below, this evaluation indicates that there are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to asbestos, and there are no recommended limitations on the employee concerning the use of personal protective equipment or respirator.

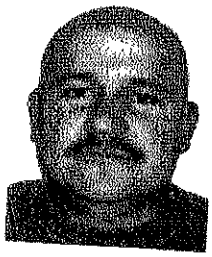
Comments or limitations (if any): _____

Provider Signature

11/1/06
Date

Environmental Safety Training Professionals, Ltd

11315 Sunrise Gold Circle, Suite L
Rancho Cordova, CA 95742
916 638-5550



Elias Zapien

Has successfully completed 8 Hours
Section 206 of TSCA Title II (AHERA)

Asbestos Worker Refresher - Spanish

Course Date: 11/09/06

Cert. Number 8914
DIVISION APPROVAL #CA-006-12

Exp. Date: 11/09/07
ID Number: 7460

Neta Snider
Authorized Signature

Appendix I

CDI's Personal Air Sampling Results

4690 East Second Street
Unit 3
Benicia, California 94510-1008
Phone: 707 / 747-4800
Fax: 707 / 747-4954

Complete Decon, Inc.

Fax

To: GLENN CASS **From:** STEPHEN FINCH

Fax: 510/839-6200 **Date:** 11-29-06

Phone: 510/267-2723 **Pages:** 10

Re: **CC:**

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

PERSONAL AIR SAMPLE FOR BOAT OF OAKLAND JOB

Air Sample Data Sheet - Asbestos

Client: Complete Decon Inc.

Job#: 06758 | Log-In Number: 06-590 | Date: 11-4-06

Job Site: BERTH 60 PORT OF OAKLAND

Type of Sample: Environmental; Station; Breathing Zone XX; Clearance

Respiratory Protection: Half-Face X; Full-Face; PAPR; SAR; Other

Type of Analysis: NIOSH 7400 X; TEM; Other

Turn-Around Time: 8 hour; 24 hour XX; 48 hour; 72 hour

Lab ID	Client ID	Name/SSN/Description of Work Performed			Time On / Time Off	Total Time	LPM Start / LPM Stop	Average LPM	Total Liters	Fibers/100 Fields	FCC
	PO-01	OSCAR URZUA 6667	Prepping	IC	9:00	30	2.00	2.0	60	2/100	.0163 2.55
			Truck	OC	9:30		2.00				
	PO-02	NEAL ONGIL 1094	Operator	IC	8:50	150	1.7	1.7	255	5/1mm	.0096 4.35
			Equipment	OC	11:23		1.7				
	PO-03	JESUS PATINO 0902	Grinding	IC	8:57	140	1.9	1.9	266	5/1mm	.0092 4.35
			Debris	OC	11:20		1.8				
	PO-04	NEAL ONGIL 1094	Operator	IC	10:40	30	1.8	1.8	54	5/1mm	.0045 0.69
			Equipment	OC	11:10		1.8				
	PO-05	JESUS PATINO 0902	Bagging	IC	12:30	120	1.7	1.7	221	1/1mm	.0089 5.10
			Debris	OC	2:40		1.7				
	PO-06	OSCAR URZUA 6667	Prepping	IC	12:10	79	1.9	1.9	150	3/1mm	.0098 3.82
			Truck	OC	1:29		1.8				
	PO-07	JESUS PATINO 0902	Bagging	IC	12:10	30	2.0	2.0	70	3/100	.0035 0.64
			Debris	OC	12:35		2.0				
	PO-08	OSCAR URZUA 6667	Prep	IC	1:40	70	1.9	1.8	126	2/1mm	.0078 2.55
			Truck	OC	2:50		1.7				
	PO-09	NEAL ONGIL 1094	Operator	IC	12:19	160	1.8	1.8	288	23/1mm	.0043 3.18
			Equipment	OC	3:01		1.2				
		BLANK		IC							
				OC							
		BLANK		IC							
				OC							
		BLANK		IC							
				OC							
				IC							
				OC							
				IC							
				OC							

Chain of Custody

Date	Time	Relinquished by	Company	Received by	Company
11-4-06	5:20PM		CDI		DESL

A. E. S. L.
Environmental
LABORATORY

800 North Mary Street • Tempe, Arizona 85281
(480) 966-7171 • Fax (480) 394-0188

AIRBORNE FIBER CONCENTRATION ANALYSIS

CLIENT: Complete Decon, Inc.
5090 E. 2nd Street #3
Benicia, CA 94510

PROJECT: Port of Oakland
Berth 60

LAB NUMBER: 06-0590
METHOD: 7400 A Rules Rev. #3 5/89

SAMPLE TYPE: PCM

Lab Number	Client Number	Date	Vol. (L)	Fibers	Fields	Ave. Blank (Fiber / Field)	F / cm^3 of AIR	F / mm^2 of FILTER
1	PO-01	11/04/06	60	2.0	100	0.00	0.0163	2.55
2	PO-02	11/04/06	255	5.0	100	0.00	0.0096	6.37
3	PO-03	11/04/06	266	5.0	100	0.00	0.0092	6.37
4	PO-04	11/04/06	54	0.5	100	0.00	0.0045	0.64
5	PO-05	11/04/06	221	4.0	100	0.00	0.0089	5.10
6	PO-06	11/04/06	150	3.0	100	0.00	0.0098	3.82
7	PO-07	11/04/06	70	0.5	100	0.00	0.0035	0.64
8	PO-08	11/04/06	126	2.0	100	0.00	0.0078	2.55
9	PO-09	11/04/06	288	2.5	100	0.00	0.0043	3.18
10		Blank	0	0.0	100	0.00	0.0000	0.00
11		Blank	0	0.0	100	0.00	0.0000	0.00
12		Blank	0	0.0	100	0.00	0.0000	0.00

Comment:

THE ANALYST PERFORMING THE COUNT HAS SUCCESSFULLY COMPLETED A NIOSH 582 OR A NIOSH 582 EQUIVALENT TRAINING COURSE. A.E.S.L. PARTICIPATES IN THE AIHA/NIOSH PROFICIENCY ANALYTICAL TESTING (PAT) PROGRAM FOR PCM COUNTING. ALL ANALYSTS PARTICIPATE IN THE INTERLAB AND PAT ROUND ROBINS.

THE RESULTS ARE REPORTED IN FIBERS/MM2 AND FIBERS/CC. SUCH FIBERS ARE NOT NECESSARILY ASBESTOS, BUT MAY BE PARTICLES WHICH OPTICALLY MEET CERTAIN LENGTH AND WIDTH CRITERIA TO BE COUNTED AS FIBERS ACCORDING TO THE 7400 A RULES. EACH LAB ANALYSIS REFERS ONLY TO THE SAMPLE TESTED, AND MAY NOT BE REPRESENTATIVE OF THE MATERIAL SAMPLE. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF 120 DAYS. THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL AND WITH THE APPROVAL OF A.E.S.L.

Analyzed By: Jerry Denton

Date: 11/09/06

Z:\AESL\air\06-0000\06-0590.doc

Air Sample Data Sheet - Asbestos

Client:	Complete Decon Inc.	Log-In Number:	06-591	Date:	11-5-06
Job#:	06758				
Job Site:	Berth 60 Port of Oakland				

Type of Sample: Environmental; Station; Breathing ZoneXX; Clearance

Respiratory Protection: Half-FaceX; Full-Face; PAPR; SAR; Other

Type of Analysis: NIOSH 7400X; TEM; Other

Turn-Around Time: 8 hour; 24 hourXX; 48 hour; 72 hour

Lab ID	Client ID	Name/SSN/Description of Work Performed			Time On / Time Off	Total Time	LPM Start / LPM Stop	Average LPM	Total Liters	Fibers/ 100 Fields	F/CC	
	OP-10	NEAL ONGIL 1094	Loading Dirt	IC	7:40	36	2.0	2.0	72	2/100	.0136	2.55
				OC	8:16		2.0					
	OP-11	ELAIS ZAPIEN 7460	Digging Truck	IC	7:45	32	1.9	2.0	72	1/100	.0102	1.91
				OC	8:17		1.9					
	OP-12	JESUS PATINO 0902	Digging Asbestos	IC	7:55	37	2.2	2.2	81	2/100	.0151	3.18
				OC	8:32		2.2					
	OP-13	NEAL ONGIL 1094	Loading Dirt	IC	9:06	32	1.9	1.9	619	8/100	.0063	10.14
				OC	2:32		1.8					
	OP-14	ELAIS ZAPIEN 7460	Digging Truck	IC	8:20	345	1.9	1.9	655	12/100	.0090	15.29
				OC	2:06		1.9					
	OP-15	JESUS PATINO 0902	Digging Asbestos	IC	9:10	299	2.3	2.3	688	14/100	.0071	12.72
				OC	1:59		2.3					
	OP-16	LUIS ALAMAN 4668	Moving Concrete	IC	8:20	30	1.8	1.8	54	1/100	.0090	1.27
				OC	8:50		1.8					
	OP-17	LUIS ALAMAN 4668	Moving Concrete	IC	9:10	312	1.8	1.8	562	8/100	.0090	10.19
				OC	2:22		1.7					
	~~OP-18~~	BLANK		IC						0/100	0	0
				OC								
		BLANK		IC						0/100	0	0
				OC								
		BLANK		IC						0/100	0	0
				OC								
				IC								
				OC								
				IC								
				OC								
				IC								
				OC								

Chain of Custody

Date	Time	Relinquished by	Company	Received by	Company
11-5-06	5:20 PM				AESI

A. E. S. L.
Environmental LABORATORY

800 North Mary Street • Tempe, Arizona 85281
(480) 966-7171 • Fax (480) 394-0188

AIRBORNE FIBER CONCENTRATION ANALYSIS

CLIENT: Complete Decon, Inc.
5090 E. 2nd Street #3
Benicia, CA 94510

PROJECT: Port of Oakland
Berth 60

LAB NUMBER: 06-0591
METHOD: 7400 A Rules Rev. #3 5/89

SAMPLE TYPE: PCM

Lab Number	Client Number	Date	Vol. (L)	Fibers	Fields	Ave. Blank (Fiber / Field)	F / cm³ of AIR	F / mm² of FILTER
1	PO-10	11/05/06	72	2.0	100	0.00	0.0136	2.55
2	PO-11	11/05/06	72	1.5	100	0.00	0.0102	1.91
3	PO-12	11/05/06	81	2.5	100	0.00	0.0151	3.18
4	PO-13	11/05/06	819	8.0	100	0.00	0.0063	10.19
5	PO-14	11/05/06	655	12.0	100	0.00	0.0090	15.29
6	PO-15	11/05/06	688	10.0	100	0.00	0.0071	12.74
7	PO-16	11/05/06	54	1.0	100	0.00	0.0090	1.27
8	PO-17	11/05/06	562	8.0	100	0.00	0.0070	10.19
9		Blank	0	0.0	100	0.00	0.0000	0.00
10		Blank	0	0.0	100	0.00	0.0000	0.00
11		Blank	0	0.0	100	0.00	0.0000	0.00

Comment:

THE ANALYST PERFORMING THE COUNT HAS SUCCESSFULLY COMPLETED A NIOSH 582 OR A NIOSH 582 EQUIVALENT TRAINING COURSE. A.E.S.L. PARTICIPATES IN THE AIHA/NIOSH PROFICIENCY ANALYTICAL TESTING (PAT) PROGRAM FOR PCM COUNTING. ALL ANALYSTS PARTICIPATE IN THE INTERLAB AND PAT ROUND ROBINS.

THE RESULTS ARE REPORTED IN FIBERS/MM2 AND FIBERS/CC. SUCH FIBERS ARE NOT NECESSARILY ASBESTOS, BUT MAY BE PARTICLES WHICH OPTICALLY MEET CERTAIN LENGTH AND WIDTH CRITERIA TO BE COUNTED AS FIBERS ACCORDING TO THE 7400 A RULES. EACH LAB ANALYSIS REFERS ONLY TO THE SAMPLE TESTED, AND MAY NOT BE REPRESENTATIVE OF THE MATERIAL SAMPLE. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF 120 DAYS. THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL AND WITH THE APPROVAL OF A.E.S.L.

Analyzed By: Jerry Denton Date: 11/09/06

Z:\AESL\air\06-0000\06-0591.doc

Air Sample Data Sheet - Asbestos

06-604

Client:	Complete Decon Inc.		
Job#:	06758	Log-In Number:	Date: SAT 11-11-06
Job Site: PORT OF OAKLAND	Type of Sample: Environmental, Station, Breathing ZoneXX, Clearance	Respiratory Protection: Half-FaceX, Full-Face, PAPR, SAR, Other ____	Type of Analysis: NIOSH 7400X, TEM, Other ____
			Turn-Around Time: 8 hour, 24 hourXX, 48 hour, 72 hour

Lab ID	Client ID	Name/SSN/Description of Work Performed			Time On / Time Off	Total Time	LPM Start / LPM Stop	Average LPM	Total Liters	Fibers/100 Fields	F/CC	
	OP-27	Rafael Gil	Plugging Trucks	IC / OC	6:03 / 6:40	37	2.0 / 2.0	2.0	74	15/a	.0091	1.98
	OP-28	Jesus Patino	Plugging Truck	IC / OC	6:10 / 11:30	320	1.9 / 1.7	1.8	596	8/a	.0066	10.19
	OP-29	Elias Zapien	Pick up Orders	IC / OC	6:40 / 11:20	280	1.8 / 1.8	1.8	542	6/a	.0054	7.64
	OP-30	Oscar Urueta	Pick up Orders	IC / OC	7:12 / 7:46	34	2.0 / 2.0	2.0	68	7/a	.0216	3.82
	OP-31	Luis Aleman	Plugging Truck	IC / OC	9:15 / 9:45	30	1.6 / 1.6	1.6	52	5/a	.0189	2.55
	OP-32	Lois Aleman	Blanking Truck	IC / OC	9:50 / 11:49	119	1.8 / 1.8	1.8	198	14/a	.0250	12.74
	OP-33	Juan Cuevas	Plugging Trucks	IC / OC	6:22 / 6:50	32	2.0 / 2.0	1.8	58	6/a	.0507	7.64
	OP-34	Juan Garcia	Plugging Trucks	IC / OC	7:15 / 11:45	270	2.0 / 1.8	1.9	510	11/a	.0104	14.01
				IC / OC								
				IC / OC								
				IC / OC								
				IC / OC								
				IC / OC								
				IC / OC								

Chain of Custody

Date	Time	Relinquished by	Company	Received by	Company
11-11-06	~~11:00~~ 12:30	[signature]	CDI	[signature]	

A. E. S. L.
Environmental
LABORATORY
800 North Mary Street • Tempe, Arizona 85281
(480) 966-7171 • Fax (480) 394-0188

AIRBORNE FIBER CONCENTRATION ANALYSIS

CLIENT: Complete Decon, Inc.
5090 E. 2nd Street #3
Benicia, CA 94510

PROJECT: Port of Oakland

LAB NUMBER: 06-0604
METHOD: 7400 A Rules Rev. #3 5/89

SAMPLE TYPE: PCM

Lab Number	Client Number	Date	Vol. (L)	Fibers	Fields	Ave. Blank (Fiber / Field)	F / cm^3 of AIR	F / mm^2 of FILTER
1	OP-27	11/11/06	74	1.5	100	0.00	0.0091	1.91
2	OP-28	11/11/06	596	8.0	100	0.00	0.0066	10.19
3	OP-29	11/11/06	542	6.0	100	0.00	0.0054	7.64
4	OP-30	11/11/06	68	3.0	100	0.00	0.0216	3.82
5	OP-31	11/11/06	52	2.0	100	0.00	0.0189	2.55
6	OP-32	11/11/06	196	10.0	100	0.00	0.0250	12.74
7	OP-33	11/11/06	58	6.0	100	0.00	0.0507	7.64
8	OP-34	11/11/06	510	1.0	100	0.00	0.0106	14.01

Comment:

THE ANALYST PERFORMING THE COUNT HAS SUCCESSFULLY COMPLETED A NIOSH 582 OR A NIOSH 582 EQUIVALENT TRAINING COURSE. A.E.S.L. PARTICIPATES IN THE AIHA/NIOSH PROFICIENCY ANALYTICAL TESTING (PAT) PROGRAM FOR PCM COUNTING. ALL ANALYSTS PARTICIPATE IN THE INTERLAB AND PAT ROUND ROBINS.

THE RESULTS ARE REPORTED IN FIBERS/MM2 AND FIBERS/CC. SUCH FIBERS ARE NOT NECESSARILY ASBESTOS, BUT MAY BE PARTICLES WHICH OPTICALLY MEET CERTAIN LENGTH AND WIDTH CRITERIA TO BE COUNTED AS FIBERS ACCORDING TO THE 7400 A RULES. EACH LAB ANALYSIS REFERS ONLY TO THE SAMPLE TESTED, AND MAY NOT BE REPRESENTATIVE OF THE MATERIAL SAMPLE. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF 120 DAYS. THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL AND WITH THE APPROVAL OF A.E.S.L.

Analyzed By: Jerry Denton Date: 11/27/06

Z:\AESL\air\06-0000\06-0604.doc

Air Sample Data Sheet - Asbestos

#06-605

Client:	Complete Decon Inc.	Log-In Number:		Date:	SUN 11-12-06
Job#:	06756				

Job Site: PORT OF OAKLAND

Type of Sample: Environmental Station; Breathing ZoneXX; Clearance

Respiratory Protection: Half-FaceX; Full-Face; PAPR; SAR; Other

Type of Analysis: NIOSH 7400X; TEM; Other

Turn-Around Time: 8 hour; 24 hourXX; 48 hour; 72 hour

Lab ID	Client ID	Name/SSN/Description of Work Performed			Time On / Time Off	Total Time	LPM Start / LPM Stop	Average LPM	Total Liters	Fibers/ 100 Fields	F/CC	
	OP-18	JUAN REBOLLAR	Hopping	IC	6:40							
	11-12-06		TRUCK	OC	7:12	32	1.9 / 1.9		58	9/a	.0507	7.64
	OP-19	LOIS BLANTON	Load	IC	6:34							
	11-12-06		Dirt	OC	7:15	41	2.0 / 2.0		82	8/a	.0478	10.19
	OP-20	ELIAS ZAMORA	Pick up	IC	6:46							
	11-12-06		Debris	OC	7:21	34	1.7 / 1.7		52	3/a	.0283	3.82
	OP-21	RAFAEL DIAZ	Hopping	IC	8:02							
	11-12-06		TRUCK	OC	11:30	212	2.0 / 2.0		424	13/a	.0150	16.54 AES
	OP-22	OSCAR URIBE	Pick up	IC	8:06							
	11-12-06		Debris	OC	10:50	164	2.0 / 1.9		316	8/a	.0124	10.19
	OP-23	JESUS PATINO	Hopping	IC	8:12							
	11-12-06		TRUCK	OC	11:10	178	1.7 / 1.7		299	9/a	.0148	11.46
	OP-24	LUIS ALEMAN	Loading	IC	8:22							
	11-12-06		TRUCK	OC	11:06	228	1.9 / 1.6		408	10/a	.0120	12.74
	OP-25	JUAN CADENA	Hopping	IC	8:40							
	11-12-06		TRUCK	OC	10:50	130	2.0 / 1.7		228	7/a	.0151	8.92
	OP-26	ELIAS ZAMORA	Picking up Debris	IC	8:01							
	11-12-06			OC	11:26	205	1.9 / 1.7		390	8.5/a	.0109	10.83
		BLANK		IC						0/a	0	
				OC								
		BLANK		IC						0/a	0	
				OC								
		BLANK		IC						0/a	0	
				OC								
				IC								
				OC								
				IC								
				OC								

Chain of Custody

Date	Time	Relinquished by	Company	Received by	Company
11-12-06	5:10 PM		CDI		

A. E. S. L.
Environmental
LABORATORY

800 North Mary Street • Tempe, Arizona 85281
(480) 966-7171 • Fax (480) 394-0188

AIRBORNE FIBER CONCENTRATION ANALYSIS

CLIENT: Complete Decon, Inc.
5090 E. 2nd Street #3
Benicia, CA 94510

PROJECT: Port of Oakland

LAB NUMBER: 06-0605
METHOD: 7400 A Rules Rev. #3 5/89

SAMPLE TYPE: PCM

Lab Number	Client Number	Date	Vol. (L)	Fibers	Fields	Ave. Blank (Fiber / Field)	F / cm^3 of AIR	F / mm^2 of FILTER
1	OP-18 11-12-06	11/12/06	58	6.0	100	0.00	0.0507	7.64
2	OP-19 11-12-06	11/12/06	82	8.0	100	0.00	0.0478	10.19
3	OP-20 11-12-06	11/12/06	52	3.0	100	0.00	0.0283	3.82
4	OP-21 11-12-06	11/12/06	424	13.0	100	0.00	0.0150	16.56
5	OP-22 11-12-06	11/12/06	316	8.0	100	0.00	0.0124	10.19
6	OP-23 11-12-06	11/12/06	299	9.0	100	0.00	0.0148	11.46
7	OP-24 11-12-06	11/12/06	408	10.0	100	0.00	0.0120	12.74
8	OP-25 11-12-06	11/12/06	228	7.0	100	0.00	0.0151	8.92
9	OP-26 11-12-06	11/12/06	390	8.5	100	0.00	0.0107	10.83
10	Blank	Blank	0	0.0	100	0.00	0.0000	0.00
11	Blank	Blank	0	0.0	100	0.00	0.0000	0.00
12	Blank	Blank	0	0.0	100	0.00	0.0000	0.00

Comment:

THE ANALYST PERFORMING THE COUNT HAS SUCCESSFULLY COMPLETED A NIOSH 582 OR A NIOSH 582 EQUIVALENT TRAINING COURSE. A.E.S.L. PARTICIPATES IN THE AIHA/NIOSH PROFICIENCY ANALYTICAL TESTING (PAT) PROGRAM FOR PCM COUNTING. ALL ANALYSTS PARTICIPATE IN THE INTERLAB AND PAT ROUND ROBINS.

THE RESULTS ARE REPORTED IN FIBERS/MM2 AND FIBERS/CC. SUCH FIBERS ARE NOT NECESSARILY ASBESTOS, BUT MAY BE PARTICLES WHICH OPTICALLY MEET CERTAIN LENGTH AND WIDTH CRITERIA TO BE COUNTED AS FIBERS ACCORDING TO THE 7400 A RULES. EACH LAB ANALYSIS REFERS ONLY TO THE SAMPLE TESTED, AND MAY NOT BE REPRESENTATIVE OF THE MATERIAL SAMPLE. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF 120 DAYS. THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL AND WITH THE APPROVAL OF A.E.S.L.

Analyzed By: Jerry Denton Date: 11/27/06

Z:\AESL\air\06-0000\06-0605.doc

Air Sample Data Sheet - Asbestos

Client:	Complete Decon Inc.	Log-In Number:	06-6006	Date:	11-18-06
Job#:	06750				

Job Site: Part of OAKland Berth 60

Type of Sample: Environmental; Station; Breathing ZoneXX; Clearance

Respiratory Protection: Half-FaceX; Full-Face; PAPR; SAR; Other

Type of Analysis: NIOSH 7400X; TEM; Other

Turn-Around Time: 8 hour; 24 hourXX; 48 hour; 72 hour

Lab ID	Client ID	Name/SSN/Description of Work Performed			Time On / Time Off	Total Time	LPM Start / LPM Stop	Average LPM	Total Liters	Fibers/ 100 Fields	F/CC	
	OP 35	Jesus Patino 0902	Prepping Trucks	IC (CC)	6:15 / 6:50	22	2.0 / 2.0		44	5.5/—	.0643	7.0
	OP-36	Neal Ongirl 1094	Loading Trucks	IC (CC)	6:22 / 6:59	37	1.8 / 1.8		66	4/—	.0446	7.6
	OP-37	Oscar Urbina 6667	Prepping Truck	IC (CC)	6:30 / 7:09	37	2.0 / 2.0		66	5/—	.0372	6.3
	OP-38	Elias Zapien 7460	Pick up Debris	IC (CC)	7:10 / 7:44	34	1.7 / 1.2		64	3/—	.0230	3.8
	OP-39	Neal Ongirl 1094	Loading Trucks	IC (CC)	7:06 / 11:50	284	1.9 / 1.8		502	18/—	.0064	12.7
	OP-40	Jesus Patino 0902	Prepping Truck	IC (CC)	7:10 / 11:20	250	1.6 / 1.6		410	45/—	.0179	44.1
	OP-41	Oscar Urbina 6667	Prepping Trucks	IC (CC)	7:16 / 11:12	236	1.7 / 1.6		416	8/—	.0094	10.4
	OP-42	Elias Zapien 7460	Pick up Debris	IC (CC)	7:20 / 11:40		2.0 / 1.9		502	4/—	.0088	11.4
		BLANK		IC / OC								
		BLANK		IC / OC								
		BLANK		IC / OC								
				IC / OC								
				IC / OC								
				IC / OC								

Chain of Custody

Date	Time	Relinquished by	Company	Received by	Company
11-18-06	2:10pm		CDI	TE	ABC

A. E. S. L.
Environmental
LABORATORY
800 North Mary Street • Tempe, Arizona 85281
(480) 966-7171 • Fax (480) 394-0188

AIRBORNE FIBER CONCENTRATION ANALYSIS

CLIENT: Complete Decon, Inc.
5090 E. 2nd Street #3
Benicia, CA 94510

PROJECT: Port of Oakland
Berth #60

LAB NUMBER: 06-0606
METHOD: 7400 A Rules Rev. #3 5/89

SAMPLE TYPE: PCM

Lab Number	Client Number	Date	Vol. (L)	Fibers	Fields	Ave. Blank (Fiber / Field)	F / cm³ of AIR	F / mm² of FILTER
1	OP-35	11/18/06	44	5.5	100	0.00	0.0613	7.01
2	OP-36	11/18/06	66	6.0	100	0.00	0.0446	7.64
3	OP-37	11/18/06	66	5.0	100	0.00	0.0372	6.37
4	OP-38	11/18/06	64	3.0	100	0.00	0.0230	3.82
5	OP-39	11/18/06	502	10.0	100	0.00	0.0098	12.74
6	OP-40	11/18/06	410	15.0	100	0.00	0.0179	19.11
7	OP-41	11/18/06	416	8.0	100	0.00	0.0094	10.19
8	OP-42	11/18/06	502	9.0	100	0.00	0.0088	11.46
9	Blank	Blank	0	0.0	100	0.00	0.0000	0.00
10	Blank	Blank	0	0.0	100	0.00	0.0000	0.00
11	Blank	Blank	0	0.0	100	0.00	0.0000	0.00

Comment:

THE ANALYST PERFORMING THE COUNT HAS SUCCESSFULLY COMPLETED A NIOSH 582 OR A NIOSH 582 EQUIVALENT TRAINING COURSE. A.E.S.L. PARTICIPATES IN THE AIHA/NIOSH PROFICIENCY ANALYTICAL TESTING (PAT) PROGRAM FOR PCM COUNTING. ALL ANALYSTS PARTICIPATE IN THE INTERLAB AND PAT ROUND ROBINS.

THE RESULTS ARE REPORTED IN FIBERS/MM2 AND FIBERS/CC. SUCH FIBERS ARE NOT NECESSARILY ASBESTOS, BUT MAY BE PARTICLES WHICH OPTICALLY MEET CERTAIN LENGTH AND WIDTH CRITERIA TO BE COUNTED AS FIBERS ACCORDING TO THE 7400 A RULES. EACH LAB ANALYSIS REFERS ONLY TO THE SAMPLE TESTED, AND MAY NOT BE REPRESENTATIVE OF THE MATERIAL SAMPLE. SAMPLES NOT DESTROYED IN TESTING ARE RETAINED A MAXIMUM OF 120 DAYS. THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL AND WITH THE APPROVAL OF A.E.S.L.

Analyzed By: Jerry Denton Date: 11/27/06

Z:\AESL\air\06-0000\06-0606.doc

Appendix J

SCA's Personnel Certifications

STATE OF CALIFORNIA — Arnold Schwarzenegger, *Governor*

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
ASBESTOS CONSULTANT and TRAINER APPROVAL UNIT
2211 Park Towne Circle, Suite 1
Sacramento, CA 95825
Tel: (916) 574-2993 Fax: (916) 483-0572

206240092C 3

May 19, 2006

SCA Environmental, Inc.
Glenn Robert Cass
334 19th Street, 2nd floor
Oakland , CA 94612

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, please abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Please inform our office at the above address, fax number or actu@dir.ca.gov of any changes in your contact/mailing information within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Industrial Hygienist

JF/ms

Attachment: Certification Card

cc: File

(Renewal – Card Attached Revised 10/13/05)

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant
Glenn Robert Cass
Name

Certification No. **92-0092**
Expires on **06/30/07**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code

State of California Department of Health Services

Lead-Related Construction Certificate

Certificate Type	Expiration Date
Inspector/Assessor	07/22/2007
Project Monitor	07/22/2007
Project Designer	07/22/2007

Glenn R. Cass ID #: 717

Mr. Glenn R. Cass
SCA Environmental, Inc.
334 19th Street
Oakland, California 94612

SCA Project No. _____

RESPIRATOR FIT TEST CERTIFICATE

that

Glenn Cass

of

SCA Environmental, Inc.

has received instruction and demonstrated understanding of the proper use and maintenance of the following respirator (s) and has been fit tested in accordance with

Appendix C to 29 CFR 1926.1101 - Irritant Fume Protocol

for the following respirator(s):

Type	Brand	Model No.	Size	NIOSH/MSHA No.
Half Facepiece	North	7700-S	Small	NIOSH Approved
Full Facepiece	MSA	Ultra Twin	Medium	NIOSH Approved

Completed at the Offices of:

SCA

ENVIRONMENTAL, INC.

334 19th Street
Oakland, CA 94612
Tel: (510) 645-6200
FAX: (510) 839-6200

Test Date:	5/16/06
Instructor:	Brian Brooks
Competent Person No.	CSST #03-3434
Program Director:	Glenn R. Cass, CAC #92-0092
Expiration Date:	5/16/07

Brian Brooks

The

American Board of Industrial Hygiene®

ABIH®

AMERICAN BOARD OF INDUSTRIAL HYGIENE®

organized to improve the practice of Industrial Hygiene
proclaims that

Glenn Robert Cass

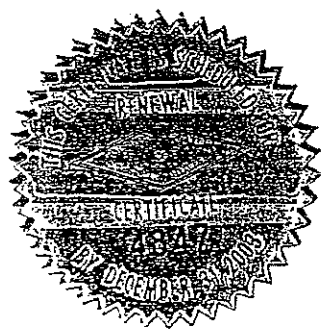
having met all requirements through
education, experience, and examination,
is hereby certified in the

ACOUSTICAL ASPECTS
of
INDUSTRIAL HYGIENE

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH



December 14, 1990
date

Carl D. Ball Ole CIH
Chairman ABIH

4847
certificate
number

James R. Thornton
Secretary ABIH

STATE OF CALIFORNIA
DEPARTMENT OF
Consumer Affairs

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

THIS IS TO CERTIFY THAT PURSUANT
TO THE PROVISIONS OF CHAPTER 7, DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE

GLENN ROBERT CASS

IS DULY REGISTERED AS A

PROFESSIONAL ENGINEER

IN

MECHANICAL ENGINEERING

IN THE STATE OF CALIFORNIA, AND IS ENTITLED TO ALL THE RIGHTS AND PRIVILEGES CONFERRED IN SAID CODE

DEPARTMENT OF CONSUMER AFFAIRS
STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS
STATE OF CALIFORNIA

WITNESS OUR HAND AND SEAL

CERTIFICATE № 18976

THIS 8 TH DAY OF FEBRUARY 1978

STATE BOARD OF REGISTRATION
FOR PROFESSIONAL ENGINEERS

SECRETARY

Don H. Nance
PRESIDENT

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
REGISTERED ENVIRONMENTAL ASSESSOR PROGRAM
8800 Cal Center Drive, P.O. Box 806, Sacramento, CA 95812-0806
(916) 255-4699

REGISTRATION FEE RECEIPT

DATE: MAY 25, 2006 EXPIRES ON: JUNE 30, 2007

AMOUNT RECEIVED: $ 100.00

Glenn Cass
SCA Environmental, Inc.
334 19th Street
Oakland, CA 94612

Please keep your registration information updated at: www.dtsc.ca.gov/rea/

View the REA Registry
at
www.dtsc.ca.gov/rea/

THIS IS YOUR REGISTRATION CARD
DETACH CARD AND KEEP

State of California
California Environmental Protection Agency
Department of Toxic Substances Control

REGISTERED ENVIRONMENTAL ASSESSOR

Issued to: Glenn Cass, REA I - 06164

Expires on: June 30, 2007

Signature:

Consumer Affairs

Board for Professional Engineers
& Land Surveyors
2535 CAPITOL OAKS DRIVE, SUITE 300
SACRAMENTO, CA 95833-2926
916 263-2222

CERTIFICATE NO.
C 55429

CIVIL ENGINEER

EXPIRATION
12/31/06

CHARLES KENNETH CONNER JR
3507 FREEMAN ROAD
WALNUT CREEK CA 94595

Signature

RECEIPT NO.
33600011

PPRC 01/31/99

INSTITUTE OF HAZARDOUS MATERIALS MANAGEMENT
11900 PARKLAWN DR • STE 450 • ROCKVILLE, MD 20852

CHMM NUMBER
06473

EXPIRATION DATE
12/2005

CHARLES K CONNER

HAVING MET THE QUALIFICATIONS AND REQUIREMENTS
IS AUTHORIZED TO USE THE TITLE
CERTIFIED HAZARDOUS MATERIALS MANAGER®

Valid upon payment of annual fees and compliance with recertification requirements.

CERTIFICATE OF TRAINING

40-HOUR HAZWOPER HAZARDOUS WASTE OPERATIONS

This certificate certifies that

MICHAEL LIU

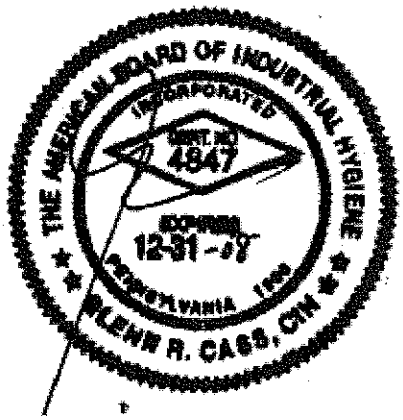
Has satisfactorily completed, and shown an understanding of, 40- hour Hazardous Waste Operations Training, as required by Federal Occupational Safety and Health Administration Regulation 29 CFR 1910.120

SCA

ENVIRONMENTAL, INC.

334 19th Street
Oakland, CA 94612
TEL: (510) 645-6200
FAX: (510) 839-6200

Date: 8/29/06
Expiration Date: 8/29/07
Approved by: Glenn R. Cass, PE, CIH
SCA Project No.: SOK-06



Topic	Hours	Date	Instructor(s)/ Training Program
General Requirements of 29 CFR 1910.120 and 29 CFR 1910.1200.	40	8/29/06	Amoco Corporation Training Manual, Stages 1 thru 10 and Exam

CERTIFICATE OF TRAINING

40 HOUR HAZARDOUS WASTE OPERATIONS

This certificate certifies that

Melinda Castillo

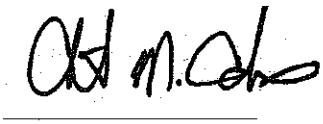
Has satisfactorily completed, and shown an understanding of, 40 hours of Hazardous Waste Operations Training, as required by Federal Occupational Safety and Health Administration regulation 29 CFR 1910.120

SCA

ENVIRONMENTAL, INC.

165 10th Street, Ste. 100
San Francisco, CA 94103
(415) 703-8500
fax (415) 703-0701

Date: 9/6/06
Training Coordinator: Christina Codemo, CHMM, REA

Signature: 

Topic	Hours	Date	Instructor(s)/ Training Program
Personal Protective Equipment	10	8/21-8/23/06	M&C Environmental Training (AHERA Inspector)
Lead Awareness	2	9/6/06	/SCA In-House Lead Awareness, Bloodborne pathogens
General Requirements of 29 CFR 1910.120 and 29 CFR 1910.1200.	28	8/18/06	Self-Paced Training Module, "Hazardous Waste Operations and Emergency Response"
Total:	**40 Hours**	**9/6/06**	

Appendix K

Soil Waste Manifest Logs

B-8027

Kettleman Hills Facility

Exhibit A

Confirmation of Pricing & Special Billing Conditions

Date: 11/08/06
To: Pete Buss
Fax: 925-803-4334
Company: Pacific States Environmental

APPROVAL PENDING SIGNATURE
PLEASE SIGN & RETURN ASAP!

Generator Name: Port of Oakland
Waste Name: Soil contaminated with Friable Asbestos (TSCA)
Profile Number: EG0094
Profile Expiration Date: 11/08/07

Waste Management is pleased to inform you that the above referenced waste stream has been approved for receipt at the Kettleman Hills Facility. Waste Management, the Kettleman Hills Facility, has all the necessary permits and licenses for the waste that has been characterized and identified by this approved profile. If further shipments are required after the expiration date the profile must be recertified. Please submit a signed copy of your profile, along with any new analytical data, for recertification 30 days in advance to avoid any delays. See "Approval Conditions" section for all conditions that each shipment of this waste must comply with and any required information to recertify your profile.

Pricing:

Disposal Rate:	**$20.00/ Ton**
BOE Tax:	**EXEMPT**
CIWMB Tax:	**N/A**
Kings County Tax :	**10%**
Transportation Rate :	**N/A**

Note: Disposal & Transportation rates are subject to a 6% Environmental/Fuel Surcharge.

Special Conditions:

Minimum disposal charge for bulk shipments	$200.00
Waste rejection fee if a new rejection manifest is generated	$50.00
Discrepancies will be billed at surcharge rate	

Approvals Fees:

Profiling fee: (waived if shipped in 30 days)	$75.00
Priority approval fee (< 48 hours):	$250.00
Same day approval fee:	$500.00

To schedule a load please notify our Scheduling Department 24 hours in advance @ (559) 386-6200
All loads must be scheduled "No Exceptions". Unscheduled loads will be charged a $300.00/Fee.

Approval Conditions:
MUST BE SCHEDULED (CALL 1-800-222-2964)
NO FREE LIQUIDS.
CA LDR FORM REQUIRED (BOX B.2)
DRUMMED ASBESTOS MUST BE WETTED
WASTE MUST BE IN LEAK TIGHT CONTAINER (EX. ASBESTOS BAG)/ PLASTIC LINERS-MUST BE WRAPPED & SEALED.
ASBESTOS WASTE SHIPMENT RECORD MUST ACCOMPANY EACH SHIPMENT AS REQUIRED BY 40 CFR 61.150(d)
OSHA CARCINOGEN FOR ASBESTOS,LEAD.
MUST BE MANIFESTED IN VOLUME-CUBIC YARD.

PS
Initial Here

MUST NOT CONTAIN ANY FREE LIQUIDS.
NON CONFORMING LOADS WITH FREE LIQUIDS OR FAILED PAINT FILTER TEST WILL BE REJECTED SINCE WASTE STREAM IS CHARACTERIZED AS FRIABLE ASBESTOS W/151 STATE CODE.

Additional cost worksheet

Equipment

Excavator	$180 00/hr	Scraper	$220 00/hr
Grader	$150 00/hr	Backhoe	$125 00/hr
Bobcat	$60 00/hr	Roll-off Truck	$90 00/hr
Forklift	$60 00/hr	Pickup	$60 00/hr

Man-hours

Manager	$80 00/hr	Mechanic	$60 00/hr
Clerk	$35 00/hr	Laborer	$45 00/hr
Receiving Tech	$45 00/hr	Customer service	$50 00/hr
First Responder	$60 00/hr		

Administrative Cost

Records search	$30.00/hr	Asbestos search	$30.00/hr
Copies of invoices	$25.00 each	Hazardous manifests	$5.00 each
Tonnage reports	$10.00 each	Mailing & overnight fees	$25 00 each
Non-Hazardous manifest	$2 00 each		

Lab Cost

PCBs	$150 00 each	Mercury	$150.00 each
TCLP Metals	$150 00 each	STLC Metals	$200 00 each
% Moisture	$25 00 each	Cyanides	$100 00 each
3rd party analytical	Cost + 25%		

Materials

Equip. service	Cost + 20%	Drum Materials	Cost + 20%
PPE	Cost + 30%	Soil for tank Fill	$30.00/cy

Operations cost

Transfer & store	$250.00/load	Liquid vs Solid bulk load	$400.00/load
Liquid vs Solid Drum	$100.00/drum	Open weekends	$2,000.00/day
Bin top Absorption	$250 00/load	Washout </= 300 gallons	$250 00
Washout > 300 gallon	$0.90/gallon		

The employees of the Kettleman Hills Facility would like to thank for your interest in our services

Edward Vasquez — Printed Name

Signature

11/8/06 — Date

To Acknowledge Please Sign & Return **Fax # (559) 386-6108**

PETE BUSS — Printed Name

Signature

11/9/06 — Date

PB — Initial Here

Manifest and Load Tracking for Berth 60 Wedge Nov. 4 2006 Pg. 1 of 1

Date	Time	Truck No.	Trailer No.	Manifest No.	Profile No.	Cell No.	Landfill
11/4/06	0845/0755	21284/9D67282	[redacted]/301-98	544799	ACCEPT #6752	2	FORWARD
11/4/06	0805/0810	J CASTRO 3/3150/9D49592	[redacted]/GT88690	544800	ACCEPT #6752	2	FORWARD
11/4/06	0835/0845	ANDRES OJEDA 9D96175	[redacted]/GT26732	544801	ACCEPT #6752	2	FORWARD
11/4/06	0850/0900	PEREZ HJP	IXA4113	544802	ACCEPT #6752	2	FORWARD
11/4/06	0910/0920	JC CHAVEZ 9D12166	4667423	544803	ACCEPT #6752	2	FORWARD
11/4/06	1250/1300	ANDRES ENTERPRISES 9D#96175	GT26732	544804	ACCEPT #6752	2	FORWARD
11/4/06	1305/1315	PEREZ HJP	IXA4113	544805	ACCEPT #6752	2	FORWARD
11/4/06	1320/1330	JC CHAVEZ 9D12166	4667423	544806	ACCEPT #6752	2	FORWARD
11/4/06					ACCEPT #6752	2	FORWARD
11/4/06					ACCEPT #6752	2	FORWARD

SCA Project No. B-8027

Manifest and Load Tracking for Berth 60 Wedge NOV 5TH 2006 Pg. 1 of 1

Date	Time	Truck No.	Trailer No.	Manifest No.	Profile No.	Cell No.	Landfill
11/5/06	0720/0730	SP 92731	304-TFB	544807	ACCEPT# 6752	2	FORWARD LANDFILL
11/5/06	0745/0800	9D35519	4CY6594	544808	ACCEPT#6752	2	FORWARD LANDFILL
11/5/06	0815/0830	9D55619	GT88662	544809	ACCEPT#6752	2	FORWARD
11/5/06	0830/0845	9D73259	4CY6722	544810	ACCEPT#6752	2	FORWARD B & E 58/65
11/5/06	0850/0905	9D81923	GT88698	544811	ACCEPT#6752	5	FORWARD 52/55
11/5/06	0910/0925	9D49592	GT88690	544812	ACCEPT#6752	5	FORWARD (IN TRUCKS)
11/5/06	0930/0940	UP07171	4EX2936	544813	ACCEPT#6752	5	FORWARD 60/60
11/5/06	0945/0955	UP13319	10 63020	544814	ACCEPT#6752	5	FORWARD 65/55
11/5/06	1000/1010	9D61610	4EN9343	544815	ACCEPT#6752	5	FORWARD 60/58
11/5/06	1015/1030	UP19291	4[illegible]6843	544816	ACCEPT#6752	5	FORWARD 52/52
11/5/06	1040/1050	9D64481	4HM4938	544817	ACCEPT#6752	5	FORWARD 58/56
11/5/06	1100/1110	9D79182	45W7054	544818	ACCEPT#6752	5	FORWARD
11/5/06	1115/1120	9D12171	4ER6955	544819	ACCEPT#6752	5	FORWARD
11/5/06	1125/1130	8C97942	1VN4893	544820	ACCEPT#6752	5	FORWARD 62/52

Manifest and Load Tracking for Berth 60 Wedge — 2006 — Pg. 1 of 1

Date	Time	Truck No.	Trailer No.	Manifest No.	Profile No.	Cell No.	Landfill
11/11	6:51	UP[illegible]	[illegible]	00138845 JJK	EG0094	1	CWM-KETTLEMAN
11/11	7:06	UP 4692	3012 FT	00138846 JJK	EG0094	1	
11/11	7:22	UP[illegible]	8036FT	00138847 JJK	EG0094	1	
11/11	7:37	SP[illegible]	3023FB	00138848 JJK	EG0094	1	
11/11	7:52	SP92697	9069EV	00138849 JJK	EG0094	1	
11/11	8:05	SP99211	3032FT	00138850 JJK	EG0094	1	
11/11	8:19	9D07540	3051FB	00138851 JJK	EG0094	1	
11/11	8:31	9D64342	3056FB	00138852 JJK	EG0094	1	
11/11	8:58	9D72770	3017FB	00138853 JJK	EG0094	1	
11/11	9:22	9B62895	3015FB	00138854 JJK	EG0094	1/3	
11/11	9:45	9B09309	3018FB	00138855 JJK	EG0094	3/1	
11/11	10:30		3019SB	00138856 JJK	EG0094	1	
11/11	10:47	9D83563	4AE7520	00138857 JJK	EG0094	1	
11/11	11:03	9B58425	4ER9098	00138858 JJK	EG0094	1	
11/11	11:32	9B83006	4CD2398	00138859 JJK	EG0094	4	

Manifest and Load Tracking for Berth 60 Wedge 2006 Pg._____ of _____

	Date	Time	Truck No.	Trailer No.	Manifest No.	Profile No.	Cell No.	Landfill
1	11/12	6:36	9D02990	3016FB	00138826OJJK	EG0094	1	CWM-KETTLEMAN
2	11/12	6:43	9P44562	3023FB	00138826IJJK	EG0094	1	
3	11/12	6:53	SP92697	7069EV	00138826ZJJK	EG0094	1	
4	11/12	7:05	SP99211	8032FJ	00138826JJJK	EG0094	1	
5	11/12	7:14	9D64342	3056FB	00138826HJJK	EG0094	1/4	
6	11/12	7:49	9D72770	3017FB	00138826SJJK	EG0094	4	
7	11/12	7:57	9D07540	3051FB	00138826GJJK	EG0094	4	
8	11/12	8:05	SP92731	3047FB	00138826FJJK	EG0094	4	
9	11/12	8:16	9B62895	3015FB	00138826DJJK	EG0094	4	
10	11/12	8:29	9B80939	3018FB	00138826AJJK	EG0094	4	
11	11/12	8:38	9D67292	3019FB	00138827[illegible]JJK	EG0094	4	
12	11/12	8:51	9D16881	3014FB	00138827NJJK	EG0094	4	
13	11/12	9:05	9D83563	4AE7520	00138827ZJJK	EG0094	4	
14	11/12	9:15	9B38425	4ER9098	00138827JJJK	EG0094	4	
15	11/12	9:24	9B72823	4ER9073	00138827HJJK	EG0094	4	
16	11/12	9:34	9D43759	4DG1876	00138818IJJK	EG0094	4	
17	11/12	9:44	9B72880	4ER9091	00138827SJJK	EG0094	4	

Manifest and Load Tracking for Berth 60 Wedge 2006 Pg. 1 of 1

Date	Time	Truck No.	Trailer No.	Manifest No.	Profile No.	Cell No.	Landfill
11/18/06	0630/0640	SP92731	304 7FB	544821	ACCEPT* 6752	4	FORWARD
11/18/06	0645/0655	SP94537	8921 FI	544822	ACCEPT* 6752	4	FORWARD
~~11/18/06~~				~~544823~~		4	~~FORWARD~~ do
11/18/06	0710/0720	UP70376	907 0EV	00138872JJK	EG0094	5	KETTLEMAN HILLS
11/18/06	0725/0735	9D02990	301 6FB	00138873JJK	EG0094	5	KETTLEMAN HILLS
11/18/06	0745/0755	SP92697	906 9EV	00138874JJK	EG0094	5	KETTLEMAN HILLS
11/18/06	0800/0805	SP99211	803 2FJ	00138875JJK	EG0094	5	KETTLEMAN HILLS
11/18/06	0815/0820	9D64342	305 6FB	00138876JJK	EG0094	5	KETTLEMAN HILLS
11/18/06	0825/0830	9D07540	305 1FB	00138877JJK	EG0094	5	KETTLEMAN HILLS
11/18/06	0835/0840	9B09309	301 8FB	00138878JJK	EG0094	5	KETTLEMAN HILLS
11/18/06	0845/0855	9B86847	299 7FB	00138879JJK	EG0094	5	KETTLEMAN HILLS

58
60
58/58
60/

Appendix L

Winzler & Kelly's December 12, 2006 Oversight Report

WINZLER & KELLY
CONSULTING ENGINEERS

April 19, 2007

John Prall
Port Environmental Scientist
Port of Oakland
530 Water Street
Oakland, CA 94607

Re: Berth 60 APL Wedge Oversight

Dear Mr. Prall:

On December 12, 2006 Winzler & Kelly (W&K) provided oversight services on-site during the continuation of activities outlined in SCA Environmental's *"Section 01010, Remediation Work Plan – Summary of Work"* which was approved by the Port of Oakland. This activity occurred at Berth 60, APL Wedge. Christopher Burns, a California Certified Asbestos Consultant (CAC), provided the oversight.

These activities included the surface capping of areas previously excavated of asbestos-contaminated soil with approximately 6" of AB grade soil and the cleaning of the old concrete dock. The soil north and west of the old concrete dock was saturated with water, so no activities occurred in this area. AB grade soil was stockpiled just east of the concrete dock for use later when the soil sufficiently dries.

The asbestos abatement contractor who cleaned the dock and spread the AB soil over the top of the asbestos-contaminated soil was CDI. There work was performed under the direction of Pacific States and OC Jones, the general contractor.

W&K reviewed the asbestos worker submittals, keep a written and photographic record of the contractor's daily work activities, and assessed the cleanliness of the dock and the covering of the asbestos-contaminated soil east of the dock. The weather at the time of the project was heavy rains , so no perimeter asbestos air samples were collected. Additionally, because of the rain, the Port of Oakland was to return to visually inspect the dock and oversee the covering of the remaining asbestos-contaminated soil with AB grade soil.

6601 Koll Center Parkway, Suite 240
tel 925.846.0499 fax 925.846.0766
www.w-and-k.com

Please see attached field logs, field drawing, and pictures. If you have any questions or comments, please call me at (510) 667-6440.

Very truly yours,
WINZLER & KELLY

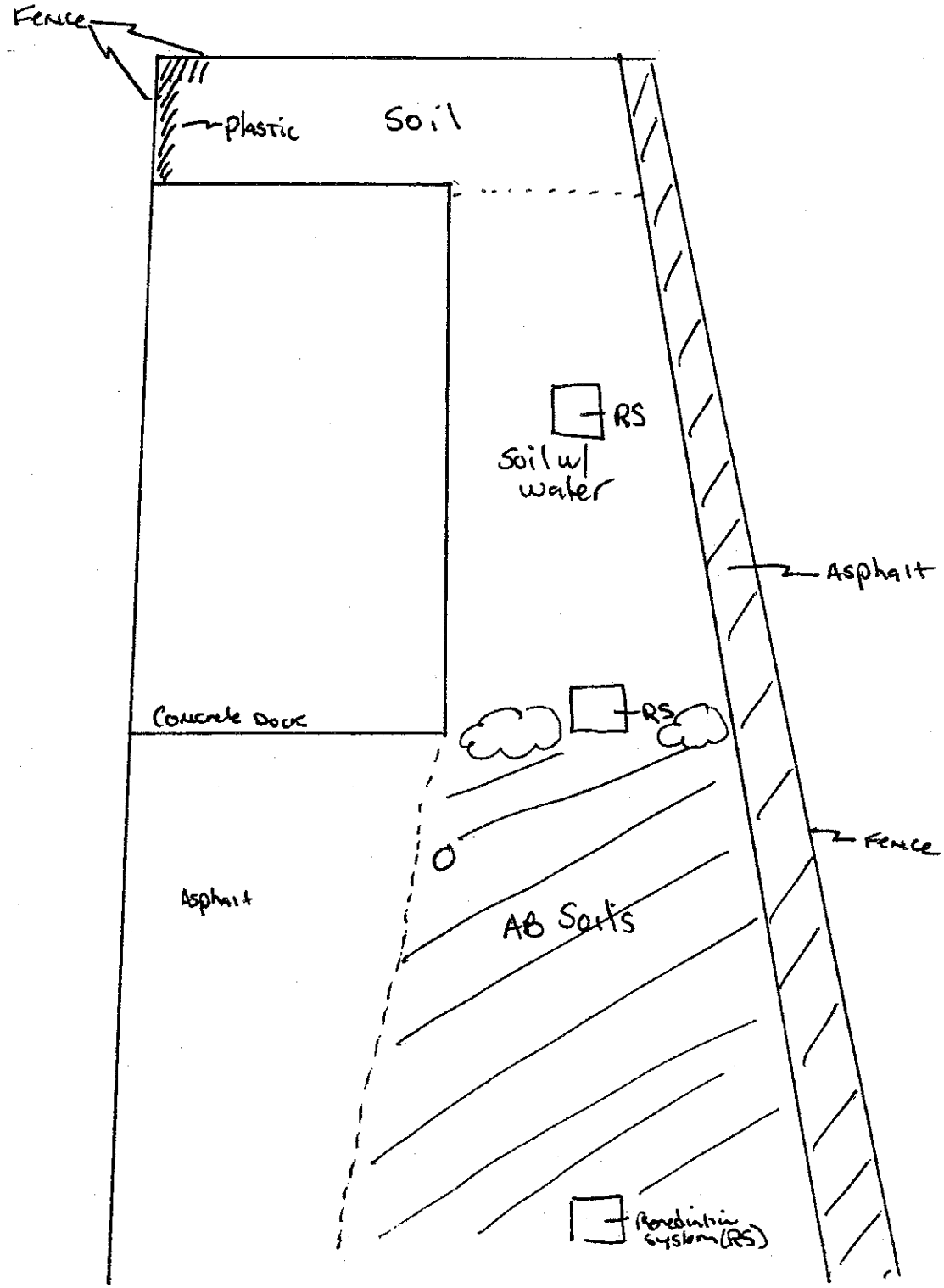
Christopher R. Burns, REA
Project Manager
CAC # 92-0224

WINZLER & KELLY
CONSULTING ENGINEERS
2984 Teagarden Street
San Leandro, CA 94577
Telephone: (510) 667-6440 / FAX (510) 667-6444

By CB Date 12/12/06 Client PORT OF OAKLAND Sheet No. 1 of 1

Subject BERTH 60 "The Wedge" Job No. 03700060 39.361

NTS



WINZLER & KELLY
CONSULTING ENGINEERS

Daily Field Log

2984 Teagarden Street, San Leandro, CA 94577
P: 510-667-6440 F: 510-667-6444

Business Name: PORT OF OAKLAND
Project #: 0370006039.36587
Site Address: BERTH 60 "The Wedge"
Date/Shift: 12/12/06

0700: PACIFIC STATES, CDI, and Winzler & Kelly ON-site. CDI workers are: 1) Stephen Finch; 2) Elias Zapien; 3) Neal Ongi 4) Jesus Patino. ALL workers have had documentation verified previously during the initial phase of work outlined in the "Remediation Work Plan-Summary of Work 01010-1". This work is the final phase which entails capping the "wedge" area with AB soil. A heavy rain is falling and puddles are predominate in the area. No Air samples will be run in this weather.

0730: OC Jones Arrives and the Scope of work is discussed. OC Jones will move the AB to the edge of the work Area to AVOID ASBESTOS TRACK OUT. CDI will move the soil to the wedge and spread 6" throughout. Neal Ongill is operating the Loader and Elias & Jesus are cleaning the Concrete Dock with Shovels. PPE including Suits and respirators are being worn.

0800: CDI is grading the Central Section of the Wedge under the Direction of Pacific States via Justin Randall of OC Jones

W&K Representative

WINZLER & KELLY
CONSULTING ENGINEERS

Daily Field Log

2984 Teagarden Street, San Leandro, CA 94577
P: 510-667-6440 F: 510-667-6444

Business Name: Port of Oakland
Project #: 0370006039.36587
Site Address: Berth 60 "The Wedge"
Date/Shift: 12/12/06

0830 Grading continues. A large amount of water is forming in the central section from rain and runoff. Cleaning on the Dock continues. OC Jones is depositing AB on the EAST end of the work area.

0900 Grading is complete and moving of AB starts. The water is making the depositing of AB in the west and central areas infeasible. The EAST end will be covered with AB as per the work plan and AB will be stockpiled on the west side of this area for future movement by OC Jones. This movement will be by pushing the material forwarding, so OC Jones will not directly impact the contaminated soil with machinery and/or personnel. This modification to the work plan is discussed with John Prall and Dawn Craker of the Port of Oakland and is found acceptable. This work will happen in the future when the water issue is resolved. The two workers cleaning the dock are 50% complete.

W&K Representative

WINZLER & KELLY
CONSULTING ENGINEERS

Daily Field Log

2984 Teagarden Street, San Leandro, CA 94577
P: 510-667-6440 F: 510-667-6444

Business Name: Port of Oakland
Project #: 0370006039.36580
Site Address: Berth 60 "The Wedge"
Date/Shift: 12/12/06

1000 - AB spreading CONTINUES as Does Dock cleaning.

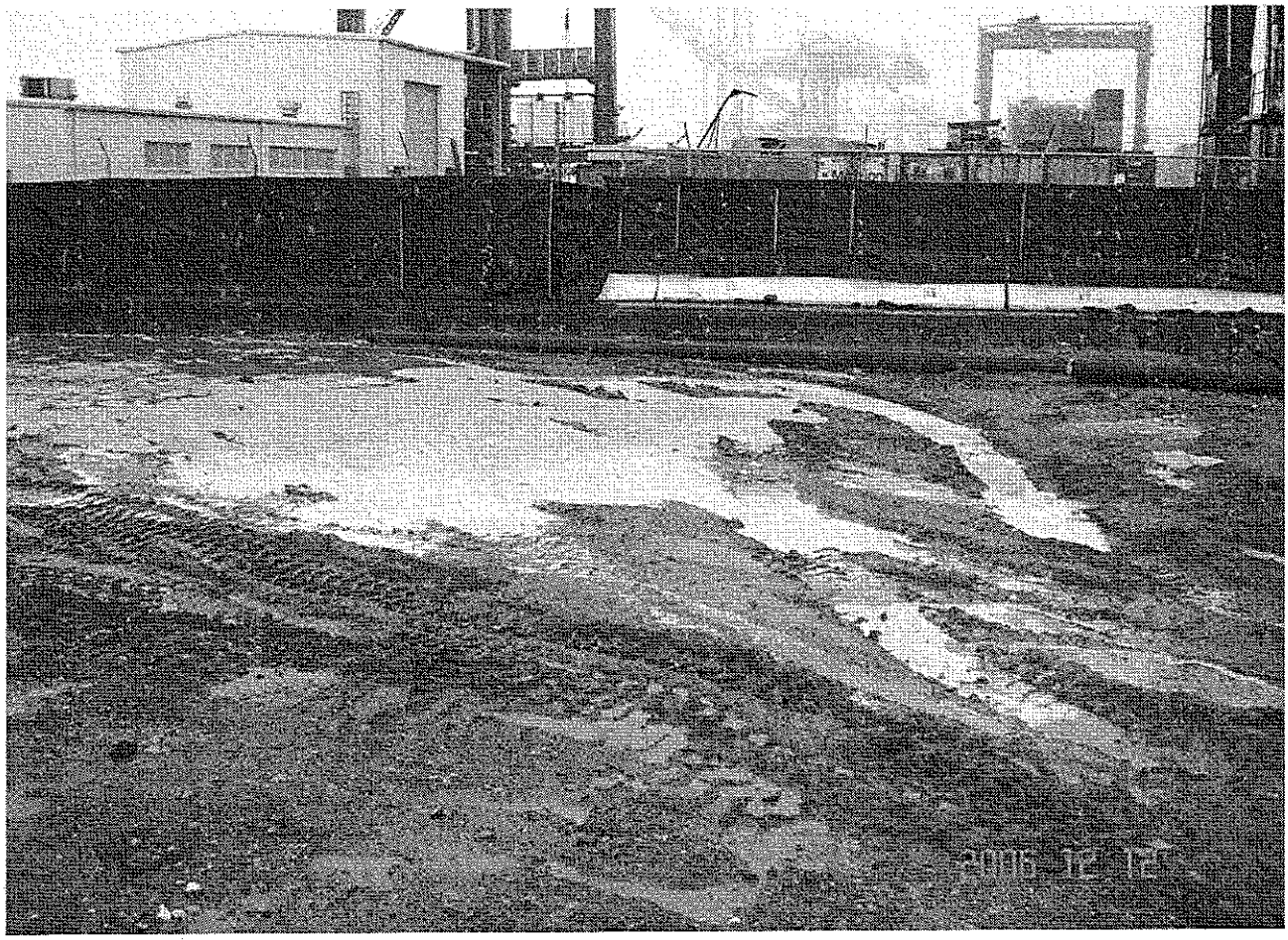
1100 - AB Spreading is Complete. Winzler & Kelly assessment of the work finds that it is adequately covering the contaminated soil in the EAST work area. Winzler & Kelly assesses the Dock clean-up and finds it acceptable, but still WET. Winzler & Kelly will review the Dock cleanliness after it drys in the future. CDI cleans the North Asphalt portion in the WEST side which had some Contamination. The clean up is Satisfactory.

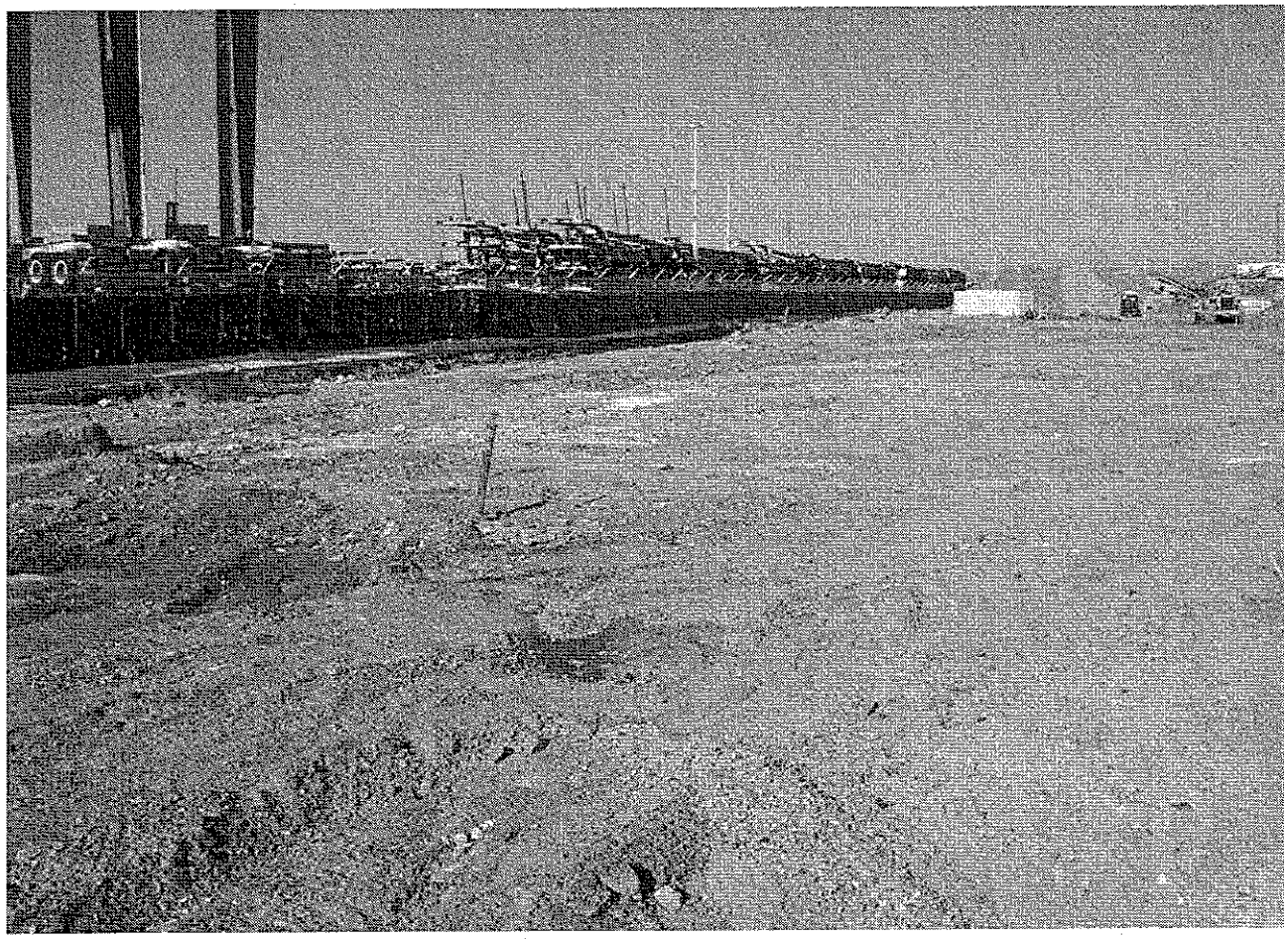
12:00 OFF-Site

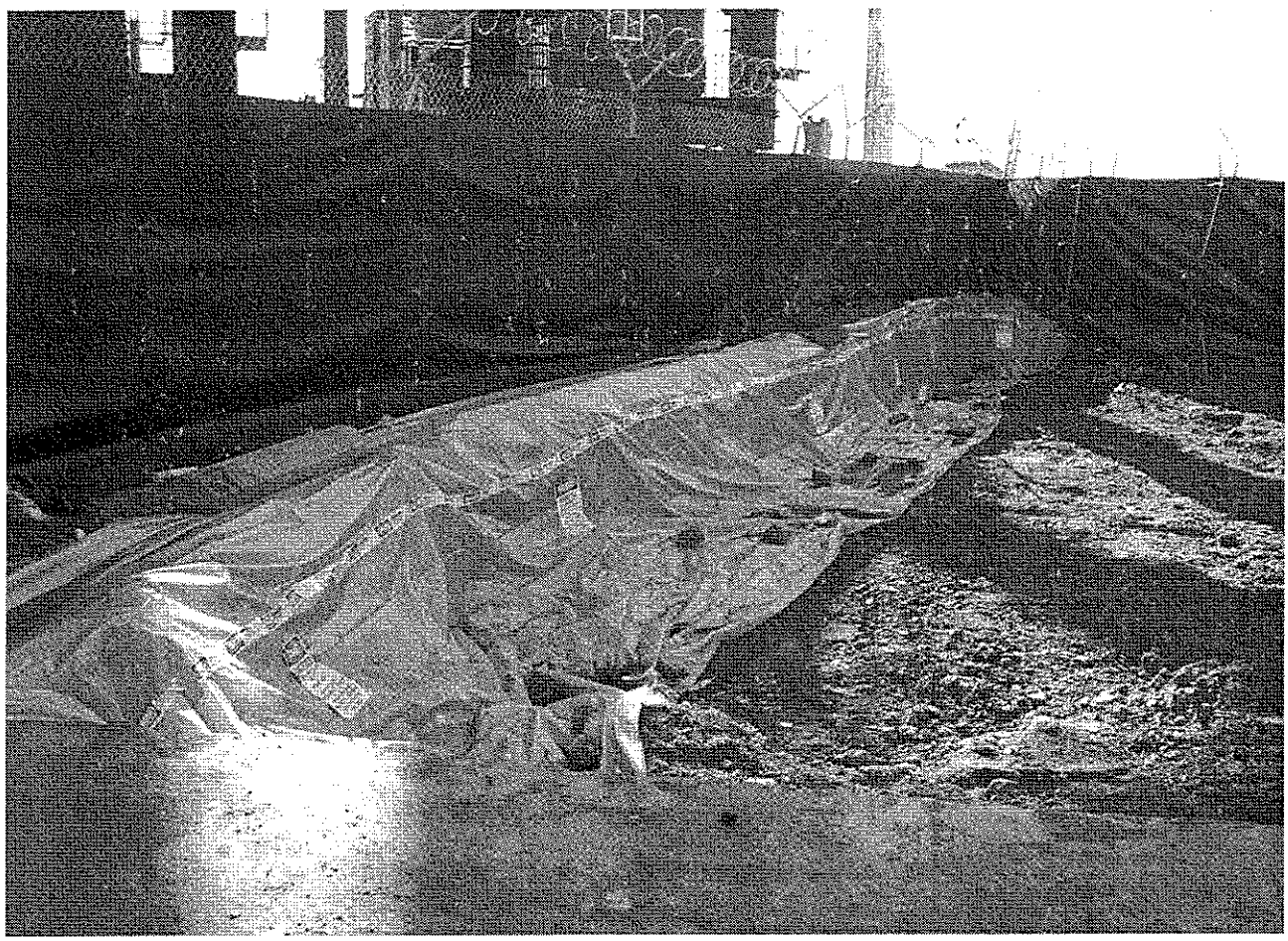
W&K Representative

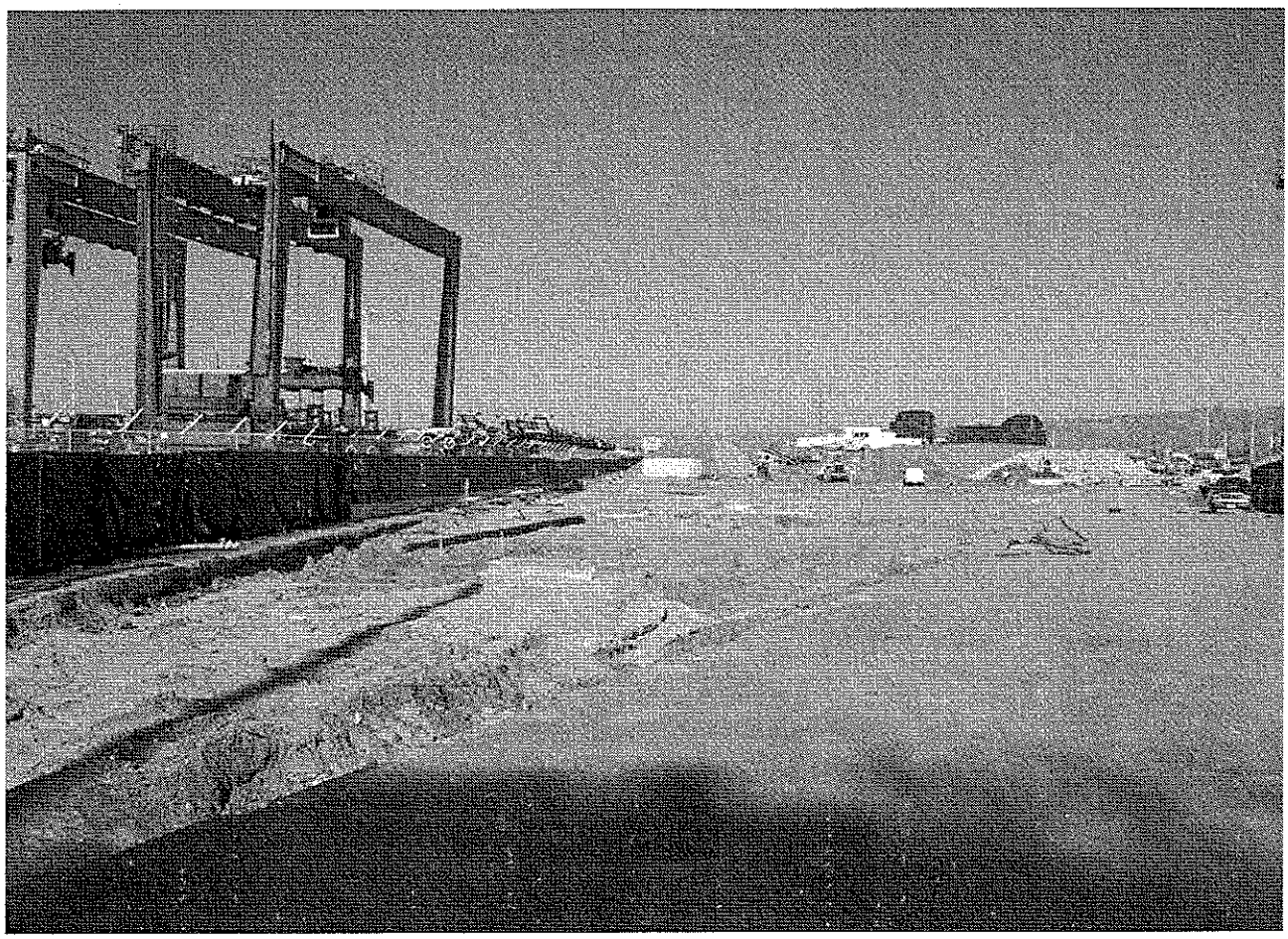

2006 12 12

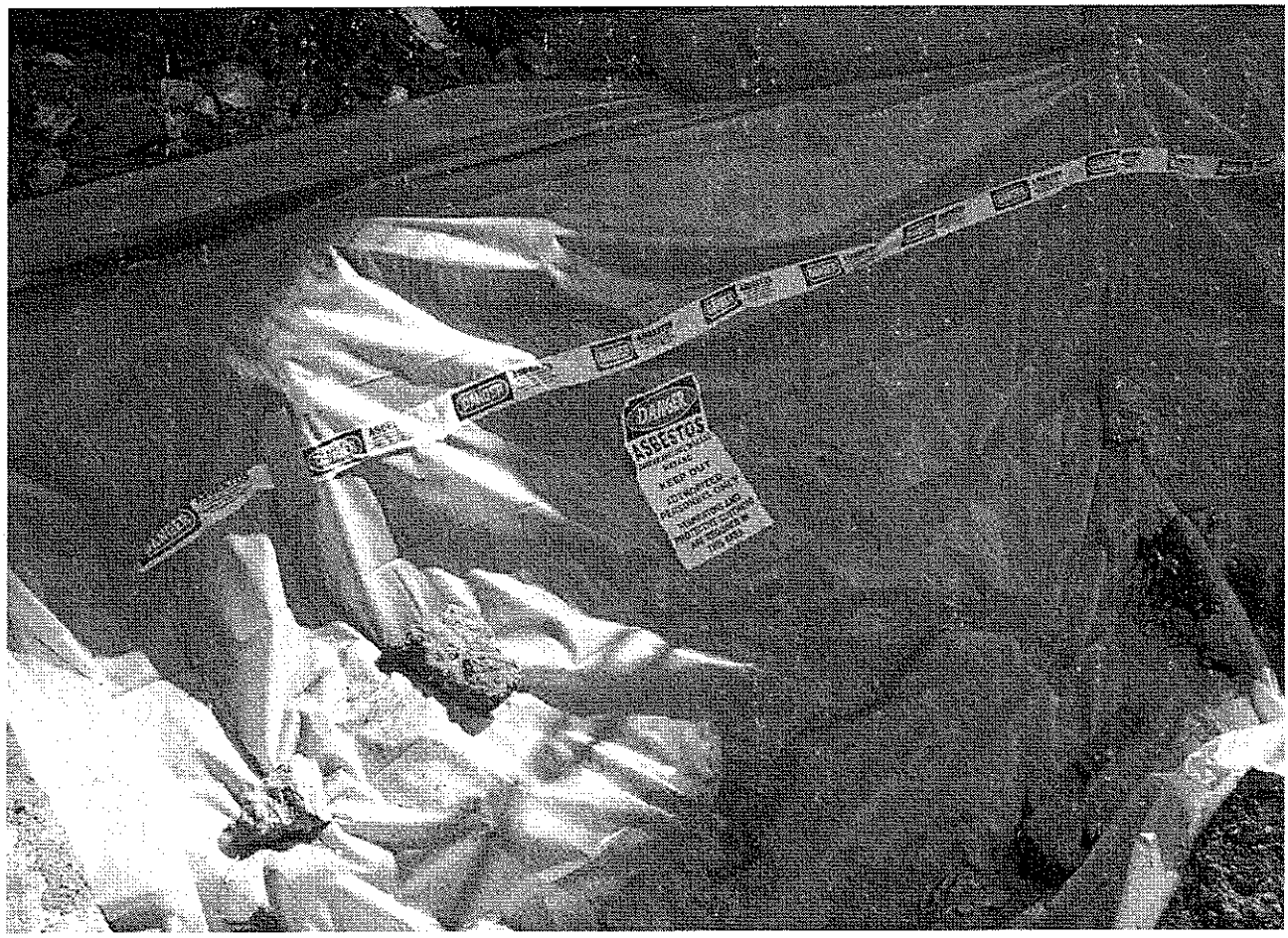

2006 12 12










DANGER
ASBESTOS
KEEP OUT