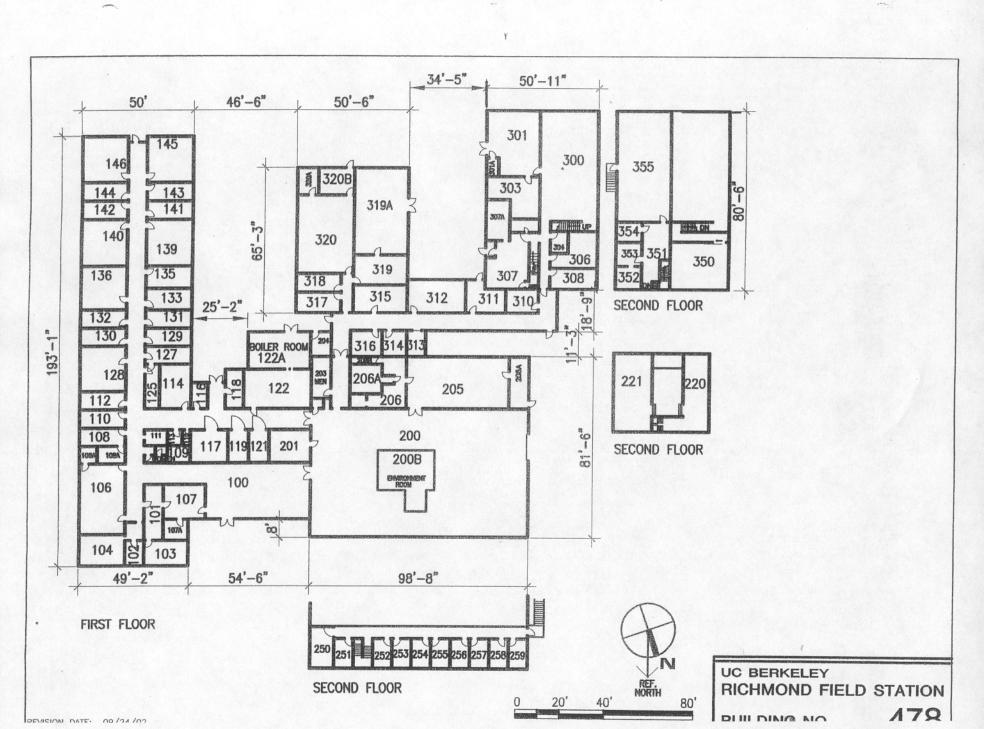
Attachment A Floor Map of Building 478, Richmond Field Station



Attachment B Sampling Methodology

Arsenic

Air samples for arsenic were collected on 37-millimeter (mm), 0.8-micron (μ m) pore size cellulose ester membrane (MCE) filters. The filters were attached via flexible Tygon tubing to sampling pumps, and the sampling trains were pre and post calibrated at average flow rates around four liters per minute (Lpm). Arsenic samples were collected over periods of six hours. The analysis method used to determine arsenic exposures was OSHA ID-105 Method.

Trichloroethylene, Perchloroethylene and Vinyl Chloride

Air samples for trichloroethylene, perchloroethylene and vinyl chloride were collected on charcoal tubes. The tubes were attached via flexible Tygon tubing to sampling pumps, and the sampling trains were pre and post calibrated at average flow rates around 0.05 Lpm. PCE and TCE samples were collected over periods of six hours. Vinyl chloride samples were collected over periods of 90 minutes because the NIOSH method specified that vinyl chloride should be sampled at 0.05 liter per minute for no more than 100 minutes. The analysis methods used to determine trichloroethylene, perchloroethylene, and vinyl chloride exposures were NIOSH 1022, NIOSH 1003 and NIOSH 1007, respectively.

Attachment C Laboratory Results

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Schneider Laboratories, Inc.

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Excellence in Service and Technology

AIHA 8936, ELLAP 8936, NVLAP 1150, NYELAP 11413, CAELAP 2078, NC 593, SC 93003

LABORATORY ANALYSIS REPORT

Air Filter Arsenic Analysis by OSHA ID-105 Method

CCOUNT #:

3349-05-4

U. of California Berkley - EHNS

317 University Hall #1150 Berkley, CA 94720-1150 DATE COLLECTED:

12/ 6/2005 12/ 9/2005

DATE RECEIVED: DATE ANALYZED:

12/16/2005

DATE REPORTED:

12/16/2005

O NO.

:LIENT:

DDRESS:

ROJECT NAME:

ROJECT NO .:

IOB LOCATION: RFS Building 478

SAMPLE TYPE: AIR

BLI Bample	Client Sample No.	Sample Description	Sample Time (min)	Flow Sample Rate Volume (L/min) (L)		Total Arsenic (µg)*	Actual Exp (µg/m³)	8 Hour TWA (µg/m²)
	D. 470: AD 4	Front Office Ctr Cab	366.00	3.90 1,425.90	1	< 0.05	< 0.04	< 0.03
	B478-AR-1	Room 209	357.00	3.94 1.407.97	1	< 0.05	< 0.04	< 0.03
	B478-AR-2	Office 104 File Cab	356.00	3.95 1,407.59	- 1	< 0.05	< 0.04	< 0.03
	B478-AR-3 B478-AR-4	Center of Room 307	350.00	3.98 1,394.08		< 0.05	< 0.04	< 0.03

ANALYST: DEREK L. JACKSON Total no. of pages in report =

Results relate only to samples as received by the laboratory.

REVIEWED BY Matthew D. Asbury, Lab Director
Visit www.slabinc.com for current certifications.

OSHA PEL for 8h TWA is 10 μg/m³; action level is 5 μg/m³. Minimum Reporting Limit: 0.05 μg Total Arsenic. The client is responsible for verifying applicable standards and limits. See www.osha.gov (29 GFR Part 1910.1000). Quality control data is available from the laboratory upon request. Exposure calculations are based on client-supplied information and assume zero exposure for time not sampled. *For true values, assume two (2) significant figures. Results are not blank-corrected unless noted by analyst.

(81 *	Schneider Laboratories, Inc. 2512 West Cary Street Flohmond, Virginia 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-358-1475 www.sablinc.com e-mail: Info@slabinc.com								submitting Co. U. of California Berkle 317 University Hall # Berkley , CA 94720-1150						0397-03-2					
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Excellence in Service and Technology AIHA 8936, ELLAP 8936, NVLAP 1150, NYELAP 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT

Perchloroethylene Analysis by NIOSH 1003 Method

ACCOUNT #:

3349-06-2

DATE COLLECTED:

12/6/2005

CLIENT:

U. of California Berkley - EHNS

DATE RECEIVED:

12/10/2005

ADDRESS:

317 Univeristy Hall #1150 Berkley CA 94720-1150

DATE ANALYZED: DATE REPORTED: 12/14/2005 1/5/2006

PO NO .:

PROJECT NAME:

PROJECT NO .: JOB LOCATION:

RFS Building 478

MEDIA TYPE:

CHARCOAL TUBE

SLI Sample No.	Client Sample No.	Sample Time (min)	Flow Rate (L/min)	Sample Volume (L)	Total PCE (mg)*	Actual Exp (mg/m³)*	8 Hour TWA (mg/m³)*	Actual Exp (PPM)	8 Hour TWA (PPM)	Report Limit (mg)**
28759673	B478-CS-1	364	0.052	18.96	< 0.020	< 1.076	< 0.816	< 0.159	< 0.120	0.020
28759674	B478-CS-2	353	0.046	16.34	< 0.020	< 1.248	< 0.918	< 0.184	< 0.135	0.020
28759675	B478-CS-3	356	0.050	17.66	< 0.020	< 1.155	< 0.857	< 0.170	< 0.126	0.020
28759676	B478-CS-4	351	0.050	17.66	< 0.020	< 1.155	< 0.845	< 0.170	< 0.125	0.020

AMENDED REPORT

ANALYST: MARK JOHNSON

BY STEPHANIEL, HOUCK, CHEMIST

OSHA Permissible Exposure Limit (PEL) for Perchloroethylene is 170 mg/m³ [25 PPM] for 8 hour TWA.

Exposure calculations are based on client-supplied information and assume zero exposure for time not sampled. Standard and spike values are reported as percent recovery for Quality Control purposes. Results are not blank-corrected unless noted by analyst.

^{*} For true values assume two (2) significant figures.

^{**} Reporting Limit represents the lowest reportable concentration of the tested substance.

^{**} Amended report: volume corrected from original report; exposure values recalculated based on correction.

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LABORATORY ANALYSIS REPORT

Trichloroethylene Analysis by NIOSH 1022 Method

ACCOUNT #:

3349-06-2

CLIENT: ADDRESS: U. of California Berkley - EHNS

317 Univeristy Hall #1150 Berkley CA 94720-1150 DATE COLLECTED: DATE RECEIVED: 12/6/2005

DATE ANALYZED:

12/10/2005 12/14/2005

DATE REPORTED:

1/5/2006

PO NO .:

PROJECT NAME: PROJECT NO.:

JOB LOCATION:

RFS Building 478

MEDIA TYPE:

CHARCOAL TUBE

SLI Sample No.	Client Sample No.	Sample Time (min)	Flow Rate (L/min)	Sample Volume (L)	Total TCE (mg)*	Actual Exp (mg/m³)*	8 Hour TWA (mg/m³)*	Actual Exp (PPM)	8 Hour TWA (PPM)	Report Limit (mg)**
28759673	B478-CS-1	364	0.052	18.96	< 0.020	< 1.039	< 0.788	< 0.193	< 0.147	0.020
28759674	B478-CS-2	353	0.046	16.34	< 0.020	< 1.205	< 0.886	< 0.224	< 0.165	0.020
28759675	B478-CS-3	356	0.050	17.66	< 0.020	< 1.116	< 0.827	< 0.208	< 0.154	0.020
28759676	B478-CS-4	351	0.050	17.66	< 0.020	< 1.116	< 0.816	< 0.208	< 0.152	0.020

AMENDED REPORT

ANALYST: MARK JOHNSON

REVIEWED BY STEPHANIE L. HOUCK, CHEMIST

OSHA Permissible Exposure Limit (PEL) for Trichloroethylene is 537 mg/m³ [100 PPM] for 8 hour TWA.

Exposure calculations are based on client-supplied information and assume zero exposure for time not sampled. Standard and spike values are reported as percent recovery for Quality Control purposes.

Results are not blank-corrected unless noted by analyst.

^{*} For true values assume two (2) significant figures.

^{**} Reporting Limit represents the lowest reportable concentration of the tested substance.

^{**} Amended report: volume corrected from original report; exposure values recalculated based on correction.

Schneider Laboratories, I 2512 West Cary Bired: Richmond, Virginia 2 804-363-6778 • 900-785-LABB (5227) • Fax 804- visw.stabling.com •-mail: Into 9 stabling.com							Inginia 23220-5117 31.7 University Hall #							13349-05-3 3349					
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LABORATORY ANALYSIS REPORT

Vinyl chloride Analysis by NIOSH 1007 Method

ACCOUNT #: CLIENT:

ADDRESS:

3349-06-3

3349-06-

U. of California Berkléy - EHNS

317 Univeristy Hall #1150 Berkley CA 94720-1150 DATE COLLECTED:

12/6/2005

DATE RECEIVED:

12/9/2005

DATE ANALYZED: DATE REPORTED: 12/14/2005 1/5/2006

PO NO .:

PROJECT NAME: PROJECT NO.:

JOB LOCATION:

RFS Building 478

MEDIA TYPE:

CHARCOAL TUBE

SLI Sample No.	Client Sample No.	Sample Time (min)	Flow Rate (L/min)	Sample Volume (L)	Total VinCl (mg)*	Actual Exp (mg/m³)*	8 Hour TWA (mg/m³)*	Actual Exp (PPM)	8 Hour TWA (PPM)	Report Limit (mg)**
28759677	B478-VC-1	91	0.050	4.54	< 0.010	< 2.202	< 0.418	< 0.862	< 0.163	0.010
28759678	B478-VC-2	82	0.050	4.11	< 0.010	< 2.434	< 0.416	< 0.952	< 0.163	0.010
28759679	B478-VC-3	96	0.057	5.43	< 0.010	< 1.840	< 0.368	< 0.720	< 0.144	0.010
28759680	B478-VC-4	90	0.052	4.70	< 0.010	< 2.129	< 0.399	< 0.833	< 0.156	0.010

AMENDED REPORT

ANALYST: MARK JOHNSON

REVIEWED BY STEPHANIE L. HOUCK, CHEMIST

OSHA Permissible Exposure Limit (PEL) for Vinyl chloride is 2.6 mg/m³ [1 PPM] for 8 hour TWA.

Exposure calculations are based on client-supplied information and assume zero exposure for time not sampled. Standard and spike values are reported as percent recovery for Quality Control purposes.

Results are not blank-corrected unless noted by analyst.

^{*} For true values assume two (2) significant figures.

^{**} Reporting Limit represents the lowest reportable concentration of the tested substance.

^{**} Amended report: volume corrected from original report; exposure values recalculated based on correction.