

ENVIRONMENTAL
PROTECTION

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PROTON TECHNOLOGY CORPORATION
5035 and 5045 Brandin Court
Fremont, California 94538

EPA I.D. No. CAL 000114779

FACILITY CLOSURE REPORT
Report Date: January 15, 1999

Prepared for: Mr. Byron Brill of Brandin Court T.I.C.

Prepared by: John Schultz
California Environmental Management Service Co., Inc.
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January 15, 1999

**Ms. Madhulla Logan, M.S.
Alameda County Health Department
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502**

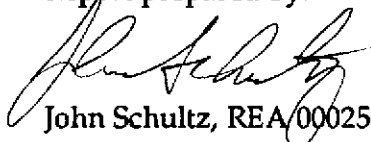
and

**Ms. Sukla De, CIH, MS
Fremont Fire Department
39100 Liberty Street,
PO Box 5006
Fremont, CA 94537-5006**

**Subject: Transmittal of Closure Report for Protron Technology Corporation, 5035/5045
Brandin Court, Fremont, CA, CAL EPA ID No.CAL000114779**

Enclosed, please find, the formal Closure Report being submitted in behalf of Protron Technology Corporation by Mr. Byron Brill of Brandin Court, T.I.C., the Landlord of the Brandin Court property. This report is being submitted by the Landlord in behalf of the Tenant (Protron) who had abandoned the property, leaving behind low level lead contamination. This report provides a review of the closure activities conducted at the site.

Report prepared by:



**John Schultz, REA/00025
California Environmental Management Service Co., Inc.
Consultant for Brandin Court T.I.C.**

Encl.

January 15, 1999
Proton Technology Corporation
Facility Closure Report

I. Introduction

This Facility Closure Report contains a review of the actions conducted for the Closure of the printed circuit-board assembly operations of Proton Technology Corp. (Proton), at 5035 and 5045 Brandin Court, Fremont, California. The Closure activities took place between March 1, 1998 and January 15, 1999 and were completed by Brandin Court T.I.C., the Landlord, on behalf of Proton Technology Corp., the Tenant, who vacated the facility without notice. The Landlord was assisted by California Environmental Management Service Co., Inc. (CEMS), the environmental consultant for Brandin Court, T.I.C..

II. Chronological Summary of Closure Activities

March 13, 1998

Protron Technology Corporation abandoned the facility, removing all hazardous materials and equipment except for roof fans and exhaust ventilation equipment.

March 26, 1998

CEMS conducted wipe sampling (see Table 1 - Summary of Analytical Data on following page), at the Landlord's request, to assess lead contamination of facility and to determine cleanup and demolition needs. Lead contamination was found spread throughout the manufacturing and assembly areas, coating all horizontal surface areas; and the contaminated exhaust system was identified for removal and disposal. Lead levels were found ranging from non-detect to 67,000 ug/wipe. Lead concentration significantly declined outward from the wave solder operations, with the highest lead levels being found at or near the ceiling directly over these operations and declining towards the front of the building.

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Table I - Summary of Analytical Data - March 26, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
WS1 - Lamp	11,000 ug/wipe	0.5 ug/wipe
WS2 - Ceiling - Source 1 Wave Solder Station	0.80 ug/wipe	0.5 ug/wipe
WS3 - Ceiling	0.76 ug/wipe	0.5 ug/wipe
WS4 - Ceiling	0.59 ug/wipe	0.5 ug/wipe
WS5 - Ceiling - Source 2 Wave Solder Station	0.97 ug/wipe	0.5 ug/wipe
WS6 - Ceiling - Source 3 Wave Solder Station	0.91 ug/wipe	0.5 ug/wipe
WS7 - Fire Sprinkler line	24,000 ug/wipe	0.5 ug/wipe
WS8 - Ceiling - Room Exhaust Fan	50,000 ug/wipe	0.5 ug/wipe
WS9 - Lamp	67,000 ug/wipe	0.5 ug/wipe
WS10 - Ceiling - next to Test Area	1.5 ug/wipe	0.5 ug/wipe
WS11 - Air Conditioner Louvre	24,000 ug/wipe	0.5 ug/wipe
WS12 - Air Conditioner Louvre	18,000 ug/wipe	0.5 ug/wipe
WS13 - Ceiling - Source 4 Wave Solder Station	ND	0.5 ug/wipe
WS14 - ACHV Ductwork	2,900 ug/wipe	0.5 ug/wipe
WS15 - Ceiling	0.56 ug/wipe	0.5 ug/wipe
WS16 - Ceiling	0.82 ug/wipe	0.5 ug/wipe
WS17 - Ceiling	0.63 ug/wipe	0.5 ug/wipe
WS18 - Ceiling - Source 5 Wave Solder Station	ND	0.5 ug/wipe
WS19 - Lamp	5,300 ug/wipe	0.5 ug/wipe
WS20 - Blank (for QA/QC)	ND	0.5 ug/wipe
WS21 - Floor - Source 1 Wave Solder Station	1,700 ug/wipe	0.5 ug/wipe
WS22 - Floor - Source 2 Wave Solder Station	3,700 ug/wipe	0.5 ug/wipe
WS23 - Floor - Source 4 & 5 Wave Solder Station	4,000 ug/wipe	0.5 ug/wipe
WS24 - Blank (for QA/QC)	ND ug/wipe	0.5 ug/wipe
WS25 - Blank (for QA/QC)	ND	0.5 ug/wipe

Note: ug/wipe = micrograms per wipe

ND = Not detected

QA/QC = Quality Assurance and Quality Control Sample

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**Proton Technology Corporation
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March 24 - April 15, 1998

CEMS personnel removed the exhaust system which consisted of ducting, fans, fan-housing, and exhaust hoods used in the the manufacturing area to exhaust wave solder operations. These were then disposed of as hazardous wastes. After demolition was completed, all of the horizontal surfaces in the manufacturing and assembly areas of Unit 5045 were cleaned.

Cleaning was accomplished by wet-wipe method by first using a wet towel or sponge and a tri-sodium phosphate solution for degreasing and cleaning. A second wipe down was completed by using a wet towel and rinsewater. This second wipe was followed by a third wipe using de-ionized water. All accessible horizontal surfaces — fire sprinkler, plumbing, electrical conduit, sills, tops-of-walls, and floors — were cleaned in this manner. A powered man-lift and ladders were used. (See the Facility Decommissioning Report of May 4, 1998, by CEMS.)

April 14, 1998

Once the demolition and cleanup were completed, five confirmation wipe samples (see Table II - Summary of Analytical Data) were collected from the vicinity of high-level lead contamination sites to test the effectiveness of the cleaning. These were samples SW1-6, (SW6 was a blank sample for quality assurance and quality control). Lead was found to range from non-detect to 68 ug/wipe (a floor sample).

Table II - Summary of Analytical Data - April 14, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
SW1 - Floor - Source 1 Wave Solder Station	68 ug/wipe	0.5 ug/wipe
SW2 - Floor - Source 2 Wave Solder Station	7.4 ug/wipe	0.5 ug/wipe
SW3 - Floor - Source 3 Wave Solder Station	ND ug/wipe	0.5 ug/wipe
SW4 - Lamp (@ former WS9 location)	13 ug/wipe	0.5 ug/wipe
SW5 - Wall (@ former Wave Solder Location)	7.4 ug/wipe	0.5 ug/wipe
SW6 - Blank (for QA/QC)	ND ug/wipe	0.5 ug/wipe

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May 4, 1998

CEMS Facility Decommissioning Report¹ describing and documenting disposal and cleanup activities to date. The report also contains the McCampbell Analytical Laboratory Inc. reports of March 26, 1998 and April 14, 1998; a photocopy of Uniform Hazardous Waste Manifest Number 97326712 documenting the disposal of hazardous wastes; and a map showing sample locations to date.

August 3, 1998

Freestone Properties files Closure Notification with City of Fremont on behalf of Protron.

August 28, 1998

Letter to Ms. Madhulla Logan, Alameda County Health Department (ACHD) and payment of fees to County (\$1200).

November 3, 1998

Meeting with Ms. Madhulla Logan of ACHD, and Ms. Sukla De, of Fremont Fire Department (FFD), and with Mr. Byron Brill of Freestone Properties (Landlord), and Mr. John Schultz of CEMS, to review facility Closure activities and requirements. Additional confirmation sampling and a Risk Management Plan were discussed at this time.

November 5, 1998

Wipe sampling plan submitted to Ms. Sukla De, FFD by CEMS based on November 3, 1998 discussion with Ms. Logan and Ms. De. Seventeen samples (SW7 - 23) were identified. (See the November 5, 1998 Sampling Plan.)

November 6, 1998

A Risk Management Prevention Plan (RMPP) for Low Level Lead Contamination submitted to City and County. An RMPP was provided on the recommendation of the County.

November 13, 1998

Wipe sampling was conducted as per the November 6 Plan (see Table III - Summary of Analytical Data). Ms. De of the FFD directed and observed wipe sampling². Samples were numbered SW7 - SW25. Two additional samples were added than were planned for. (See McCampbell Analytical Report dated November 13, 1998 on following page.)

¹ Note: An error was made in this report regarding the sampling dates, and these have been corrected in this report in Tables 1 and 2; there is no error in the data itself.

² Wipe sampling was conducted as per Agency requirement using Appendix 13.1 of the Federal Housing and Urban Development (HUD) Guidelines.

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Table III - Summary of Analytical Data - November 13, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
SW7 - Fire sprinkler at SW1	570 ug/wipe	6 ug/wipe
SW8 - Ceiling lamp in test room	11,000 ug/wipe	6 ug/wipe
SW9 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW10 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW11 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW12 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW13 - Wall in wavesolder room	ND ug/wipe	6 ug/wipe
SW14 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW15 - Floor in assembly room	120 ug/wipe	6 ug/wipe
SW16 - Floor in assembly room	41 ug/wipe	6 ug/wipe
SW17 - Sewer discharge pipe opening	Not collected	6 ug/wipe
SW18 - Floor (Unit 5035) in front of supply cage	24 ug/wipe	6 ug/wipe
SW19 - Control- Floor (Unit 5035) near front offices	63 ug/wipe	6 ug/wipe
SW20 - Floor (Unit 5035) in front of doorway	1,200 ug/wipe	6 ug/wipe
SW21 - Floor (Unit 5035) approx. 20' from doorway	640 ug/wipe	6 ug/wipe
SW22 - Top of duct over Men restroom	10,000 ug/wipe	6 ug/wipe
SW23 - Debris sample from floor (from fan above)	18,000 ug/wipe	6 ug/wipe
SW24 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe
SW25 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe

Lead ranged from non-detect up to 18,000 ug (this was Sample SW23, a sample of debris found on the floor). Sample SW7 (a fire sprinkler line) had 570 ug/wipe; Sample SW8 (a ceiling lamp located in the Test Area Room, which was not accessible to cleaning using a scissors lift) was found to have 11,000 ug/wipe; Sample SW15 (a floor sample) had 120 ug/wipe; Samples SW20 and SW1³ (floor samples from 5035 Brandin Court, the adjoining warehouse) had 1200 ug/wipe and 640 ug/wipe; Sample SW22 (from the top of the ductwork over the office/conference room area) had 10,000 ug/wipe. All of these samples exceeded the established cleanup limits⁴, and these areas would require additional cleaning and re-testing.

³ These samples were floor samples and not wall samples, as per the November 6 Plan. The order was shifted with the inclusion of two additional, unplanned samples, and SW17, the sewer pipe sample was not collected at this time.

⁴ HUD has established the following clearance standards for lead: 100 ug/ft² for floors; 500 ug/ft² for interior windowsills; and 800 ug/ft² for window troughs and exterior concrete or other rough surfaces. These were interpreted, for the purposes of this project to be: 100 ug/ft² for floors; 500 ug/ft² for non-accessible interior

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November 13 - December 14, 1998

Additional facility cleaning using wet-wipe method. An overhead ceiling fan, used for general room ventilation, was the source of the lead-bearing debris found on the floor. This debris appears to have been generated during equipment removal, and this fan appears to have been missed during the April cleaning. The fan and its housing were cleaned.

December 10, 1998

Sampling and testing of fiberglass insulation material from above the offices, lunchroom, restrooms, janitorial closet, and conference room was conducted. The fiberglass insulation was found to have varying levels of lead. Three specially selected samples⁵, consisting of one observably dirty sample, one moderately dirty sample, and one moderately clean sample, were collected from roughly equidistant locations throughout the ceiling and tested for lead. The results were as follows in this respectively order: 5,000 mg/kg; 2,200 mg/kg; and 63 mg/kg (analysed as solids), and the ceiling insulation was determined to be contaminated and was not cleanable due to it's fibrous structure, see Table IV, Summary of Analytical Data. (See McCampbell Analytical Inc. report dated December 10, 1998.)

Table IV- Summary of Analytical Data - December 10, 1998

Sample - Location	Results	Reporting Limit
Debris Sample 1 - Ceil-Men's Rm, Fiberglass Insulation	5,000 mg/kg	30.0 mg/kg
Debris Sample 2 - Ceil-Front Ofc, Fiberglass Insulation	63 mg/kg	30.0 mg/kg
Debris Sample 3 - Ceil-Lunch Rm, Fiberglass Insulation	2,200 mg/kg	30.0 mg/kg

December 20, 1998

Additional sampling was determined to be necessary to determine the scope of contamination, cleanup needs, and hazardous waste issues. An additional set of more representative samples were collected on December 20, 1998, (see Table V, Summary of Analyses) from randomly selected locations throughout the T-bar drop-ceiling and were tested. (See McCampbell Analytical Report dated December 20, 1998 on following page.)

surfaces; and 800 ug/ft² for exterior surfaces.

⁵ These three samples were selected and collected in such a manner as to bias results in order to assess worst case

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Table V- Summary of Analytical Data - December 20, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
Debris Sample 1 - Fiberglass Insulation	590 mg/kg	3.0 mg/kg
Debris Sample 2 - Fiberglass Insulation	400 mg/kg	3.0 mg/kg
Debris Sample 3 - Fiberglass Insulation	360 mg/kg	3.0 mg/kg
Debris Sample 4 - Fiberglass Insulation	Not analysed	3.0 mg/kg
Debris Sample 5 - Fiberglass Insulation	96 mg/kg	3.0 mg/kg
Debris Sample 6 - Fiberglass Insulation	810 mg/kg	3.0 mg/kg
Debris Sample 7 - Fiberglass Insulation	94 mg/kg	3.0 mg/kg

The surface of the fiberglass insulation, a very fibrous material, had accumulated and trapped lead dust in greater concentration than elsewhere. Given this data, it became apparent that the fiberglass insulation could not be cleaned, and would need to be removed and disposed of via recycling.

December 14 - 28, 1998

Work during this period consisted of removal of the lead-contaminated fiberglass insulation, vacuuming with a HEPA filter equipped wet/dry vacuum, and wet-wipe cleaning of additional fire sprinkler lines, conduit, lamps, ceiling lights, ductwork, and other horizontal surfaces.

December 23, 1998

CEMS correspondence to Ms. Logan, ACHD, regarding the need for additional cleanup and sampling. It also included data and the sampling plan for additional confirmation sampling.

December 30, 1998

McC Campbell Analytical, Inc. results for December 30, 1998 confirmation sampling event.

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Table VI - Summary of Analytical Data - December 30, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
SW26 - Front office ceiling lamp	42 ug/wipe	6 ug/wipe
SW27 - Lobby ceiling lamp	41 ug/wipe	6 ug/wipe
SW28 - Lobby ductwork	25 ug/wipe	6 ug/wipe
SW29 - Lobby floor	35 ug/wipe	6 ug/wipe
SW30 - Front office, cement underfloor	58 ug/wipe	6 ug/wipe
SW31 - Lunch room ductwork (above ceiling)	980 ug/wipe	6 ug/wipe
SW32 - Lunch room floor	16 ug/wipe	6 ug/wipe
SW33 - Unit 5035 floor, in front of doorway	360 ug/wipe	6 ug/wipe
SW34 - Unit 5035 floor, approx. 20 ft. from doorway	210 ug/wipe	6 ug/wipe
SW35 - HVAC Louvre (in assembly area at 5045)	380 ug/wipe	6 ug/wipe
SW36 - Fire sprinkler line at ceiling in warehouse	110 ug/wipe	6 ug/wipe
SW37 - Fire sprinkler line at ceiling in wavesolder	390 ug/wipe	6 ug/wipe
SW38 - Control Samples, rear wall floor at 5035	50 ug/wipe	6 ug/wipe
SW39 - Sewer drainpipe sample	36,000 ug/wipe	6 ug/wipe
SW40 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe
SW41 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe
SW42 - Lunch room rear wall	ND ug/wipe	6 ug/wipe

January 4-14, 1999

Based on the above data, additional, minor cleanup was conducted (i.e. the ductwork above the lunchroom was cleaned a second time, and so was a floor area of approximately 25' by 25' in unit 5035 in front of the connecting doorway). Re-sampling, for confirmation purposes, was conducted on January 14, 1998. (See McCampbell Analytical Report dated January 14, 1999).

Table VI I- Summary of Analytical Data - January 14, 1999

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
SW43 - Unit 5035 floor, approx. 20 ft. from doorway	7.2 ug/wipe	6 ug/wipe
SW44 - Unit 5035 floor, in front of doorway	230 ug/wipe	6 ug/wipe
SW45 - Lunch room ductwork (above ceiling)	ND ug/wipe	6 ug/wipe
SW46 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe
SW47 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe

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A concrete-slurry seal of sewer pipe and removal and shipping of lead-contaminated debris (i.e. fiberglass insulation, wipes, cleaning materials, and absorbed decontamination solutions) for recycling.

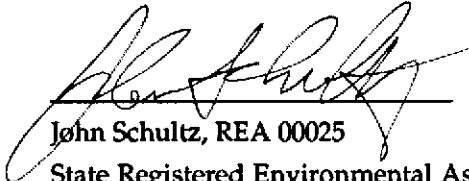
January 15, 1998
Closure Report.

III. Conclusions

The facility had been sufficiently cleaned and all contaminated materials have been removed and properly disposed of. This facility no longer presents a significant environmental or human health hazard.

IV. Report Preparation

Report prepared by John Schultz for Mr. Byron Brill of Brandin Court T.I.C.



John Schultz, REA 00025

State Registered Environmental Assessor
California Environmental Management Service Co., Inc.

January 15, 1999
Date

Attachments:
McCampbell Analytical Reports

January 15, 1999
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ATTACHMENT 1

Wipe Sample Location Maps (Two)

- 1. Locations Exceeding Cleanup Goals Prior To Cleaning**
- 2. Locations Meeting Cleanup Goals After Cleaning**

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ATTACHMENT 2

McC Campbell Analytical Inc. Report dated March 26, 1998

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ATTACHMENT 3

McC Campbell Analytical Inc. Report dated November 13, 1998

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ATTACHMENT 4

McC Campbell Analytical Inc. Report dated December 10, 1998

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ATTACHMENT 5

McC Campbell Analytical Inc. Report dated December 20, 1998

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ATTACHMENT 6

McC Campbell Analytical Inc. Report dated MDecember 30, 1998

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ATTACHMENT 7

McC Campbell Analytical Inc. Report dated January 14, 1999

PROTON TECHNOLOGY CORPORATION
5035 and 5045 Brandin Court
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March 24 -April 15, 1998

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Cleaning was accomplished by wet-wipe method by first using a wet towel or sponge and a tri-sodium phosphate solution for degreasing and cleaning. A second wipe down was completed by using a wet towel and rinsewater. This second wipe was followed by a third wipe using de-ionized water. All accessible horizontal surfaces — fire sprinkler, plumbing, electrical conduit, sills, tops-of-walls, and floors — were cleaned in this manner. A powered man-lift and ladders were used. (See the Facility Decommissioning Report of May 4, 1998, by CEMS.)

April 14, 1998

Once the demolition and cleanup were completed, five confirmation wipe samples (see Table II - Summary of Analytical Data) were collected from the vicinity of high-level lead contamination sites to test the effectiveness of the cleaning. These were samples SW1-6, (SW6 was a blank sample for quality assurance and quality control). Lead was found to range from non-detect to 68 ug/wipe (a floor sample).

Table II - Summary of Analytical Data - April 14, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
SW1 - Floor - Source 1 Wave Solder Station	68 ug/wipe	0.5 ug/wipe
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Facility Closure Report

Table III - Summary of Analytical Data - November 13, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
SW7 - Fire sprinkler at SW1	570 ug/wipe	6 ug/wipe
SW8 - Ceiling lamp in test room	11,000 ug/wipe	6 ug/wipe
SW9 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW10 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW11 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW12 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW13 - Wall in wavesolder room	ND ug/wipe	6 ug/wipe
SW14 - Wall in assembly room	ND ug/wipe	6 ug/wipe
SW15 - Floor in assembly room	120 ug/wipe	6 ug/wipe
SW16 - Floor in assembly room	41 ug/wipe	6 ug/wipe
SW17 - Sewer discharge pipe opening	Not collected	6 ug/wipe
SW18 - Floor (Unit 5035) in front of supply cage	24 ug/wipe	6 ug/wipe
SW19 - Control- Floor (Unit 5035) near front offices	63 ug/wipe	6 ug/wipe
SW20 - Floor (Unit 5035) in front of doorway	1,200 ug/wipe	6 ug/wipe
SW21 - Floor (Unit 5035) approx. 20' from doorway	640 ug/wipe	6 ug/wipe
SW22 - Top of duct over Men restroom	10,000 ug/wipe	6 ug/wipe
SW23 - Debris sample from floor (from fan above)	18,000 ug/wipe	6 ug/wipe
SW24 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe
SW25 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe

Lead ranged from non-detect up to 18,000 ug (this was Sample SW23, a sample of debris found on the floor). Sample SW7 (a fire sprinkler line) had 570 ug/wipe; Sample SW8 (a ceiling lamp located in the Test Area Room, which was not accessible to cleaning using a scissors lift) was found to have 11,000 ug/wipe; Sample SW15 (a floor sample) had 120 ug/wipe; Samples SW20 and SW1³ (floor samples from 5035 Brandin Court, the adjoining warehouse) had 1200 ug/wipe and 640 ug/wipe; Sample SW22 (from the top of the ductwork over the office/conference room area) had 10,000 ug/wipe. All of these samples exceeded the established cleanup limits⁴, and these areas would require additional cleaning and re-testing.

³ These samples were floor samples and not wall samples, as per the November 6 Plan. The order was shifted with the inclusion of two additional, unplanned samples, and SW17, the sewer pipe sample was not collected at this time.

⁴ HUD has established the following clearance standards for lead: 100 ug/ft² for floors; 500 ug/ft² for interior windowsills; and 800 ug/ft² for window troughs and exterior concrete or other rough surfaces. These were interpreted, for the purposes of this project to be: 100 ug/ft² for floors; 500 ug/ft² for non-accessible interior

January 15, 1999
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November 13 - December 14, 1998

Additional facility cleaning using wet-wipe method. An overhead ceiling fan, used for general room ventilation, was the source of the lead-bearing debris found on the floor. This debris appears to have been generated during equipment removal, and this fan appears to have been missed during the April cleaning. The fan and its housing were cleaned.

December 10, 1998

Sampling and testing of fiberglass insulation material from above the offices, lunchroom, restrooms, janitorial closet, and conference room was conducted. The fiberglass insulation was found to have varying levels of lead. Three specially selected samples⁵, consisting of one observably dirty sample, one moderately dirty sample, and one moderately clean sample, were collected from roughly equidistant locations throughout the ceiling and tested for lead. The results were as follows in this respectively order: 5,000 mg/kg; 2,200 mg/kg; and 63 mg/kg (analysed as solids), and the ceiling insulation was determined to be contaminated and was not cleanable due to it's fibrous structure, see Table IV, Summary of Analytical Data. (See McCampbell Analytical Inc. report dated December 10, 1998.)

Table IV- Summary of Analytical Data - December 10, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
Debris Sample 1 - Ceil-Men's Rm, Fiberglass Insulation	5,000 mg/kg	30.0 mg/kg
Debris Sample 2 - Ceil-Front Ofc, Fiberglass Insulation	63 mg/kg	30.0 mg/kg
Debris Sample 3 - Ceil-Lunch Rm, Fiberglass Insulation	2,200 mg/kg	30.0 mg/kg

December 20, 1998

Additional sampling was determined to be necessary to determine the scope of contamination, cleanup needs, and hazardous waste issues. An additional set of more representative samples were collected on December 20, 1998, (see Table V, Summary of Analyses) from randomly selected locations throughout the T-bar drop-ceiling and were tested. (See McCampbell Analytical Report dated December 20, 1998 on following page.)

surfaces; and 800 ug/ft² for exterior surfaces.

⁵ These three samples were selected and collected in such a manner as to bias results in order to assess worst case contamination.

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Table V- Summary of Analytical Data - December 20, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
Debris Sample 1 - Fiberglass Insulation	590 mg/kg	3.0 mg/kg
Debris Sample 2 - Fiberglass Insulation	400 mg/kg	3.0 mg/kg
Debris Sample 3 - Fiberglass Insulation	360 mg/kg	3.0 mg/kg
Debris Sample 4 - Fiberglass Insulation	Not analysed	3.0 mg/kg
Debris Sample 5 - Fiberglass Insulation	96 mg/kg	3.0 mg/kg
Debris Sample 6 - Fiberglass Insulation	810 mg/kg	3.0 mg/kg
Debris Sample 7 - Fiberglass Insulation	94 mg/kg	3.0 mg/kg

The surface of the fiberglass insulation, a very fibrous material, had accumulated and trapped lead dust in greater concentration than elsewhere. Given this data, it became apparent that the fiberglass insulation could not be cleaned, and would need to be removed and disposed of via recycling.

December 14 - 28, 1998

Work during this period consisted of removal of the lead-contaminated fiberglass insulation, vacuuming with a HEPA filter equipped wet/dry vacuum, and wet-wipe cleaning of additional fire sprinkler lines, conduit, lamps, ceiling lights, ductwork, and other horizontal surfaces.

December 23, 1998

CEMS correspondence to Ms. Logan, ACHD, regarding the need for additional cleanup and sampling. It also included data and the sampling plan for additional confirmation sampling.

December 30, 1998

McC Campbell Analytical, Inc. results for December 30, 1998 confirmation sampling event.

January 15, 1999

**Proton Technology Corporation
Facility Closure Report**

Table VI - Summary of Analytical Data - December 30, 1998

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
SW26 - Front office ceiling lamp	42 ug/wipe	6 ug/wipe
SW27 - Lobby ceiling lamp	41 ug/wipe	6 ug/wipe
SW28 - Lobby ductwork	25 ug/wipe	6 ug/wipe
SW29 - Lobby floor	35 ug/wipe	6 ug/wipe
SW30 - Front office, cement underfloor	58 ug/wipe	6 ug/wipe
SW31 - Lunch room ductwork (above ceiling)	980 ug/wipe	6 ug/wipe
SW32 - Lunch room floor	16 ug/wipe	6 ug/wipe
SW33 - Unit 5035 floor, in front of doorway	360 ug/wipe	6 ug/wipe
SW34 - Unit 5035 floor, approx. 20 ft. from doorway	210 ug/wipe	6 ug/wipe
SW35 - HVAC Louvre (in assembly area at 5045)	380 ug/wipe	6 ug/wipe
SW36 - Fire sprinkler line at ceiling in warehouse	110 ug/wipe	6 ug/wipe
SW37 - Fire sprinkler line at ceiling in wavesolder	390 ug/wipe	6 ug/wipe
SW38 - Control Samples, rear wall floor at 5035	50 ug/wipe	6 ug/wipe
SW39 - Sewer drainpipe sample	36,000 ug/wipe	6 ug/wipe
SW40 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe
SW41 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe
SW42 - Lunch room rear wall	ND ug/wipe	6 ug/wipe

January 4-14, 1999

Based on the above data, additional, minor cleanup was conducted (i.e. the ductwork above the lunchroom was cleaned a second time, and so was a floor area of approximately 25' by 25' in unit 5035 in front of the connecting doorway). Re-sampling, for confirmation purposes, was conducted on January 14, 1998. (See McCampbell Analytical Report dated January 14, 1999).

Table VI I- Summary of Analytical Data - January 14, 1999

<u>Sample - Location</u>	<u>Results</u>	<u>Reporting Limit</u>
SW43 - Unit 5035 floor, approx. 20 ft. from doorway	7.2 ug/wipe	6 ug/wipe
SW44 - Unit 5035 floor, in front of doorway	230 ug/wipe	6 ug/wipe
SW45 - Lunch room ductwork (above ceiling)	ND ug/wipe	6 ug/wipe
SW46 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe
SW47 - Blank (for QA/QC)	ND ug/wipe	6 ug/wipe

January 15, 1999
Proton Technology Corporation
Facility Closure Report

January 15, 1999

A concrete-slurry seal of sewer pipe and removal and shipping of lead-contaminated debris (i.e. fiberglass insulation, wipes, cleaning materials, and absorbed decontamination solutions) for recycling.

January 15, 1998
Closure Report.

III. Conclusions

The facility had been sufficiently cleaned and all contaminated materials have been removed and properly disposed of. This facility no longer presents a significant environmental or human health hazard.

IV. Report Preparation

Report prepared by John Schultz for Mr. Byron Brill of Brandin Court T.I.C.

John Schultz, REA 00025
State Registered Environmental Assessor
California Environmental Management Service Co., Inc.

January 15, 1999
Date

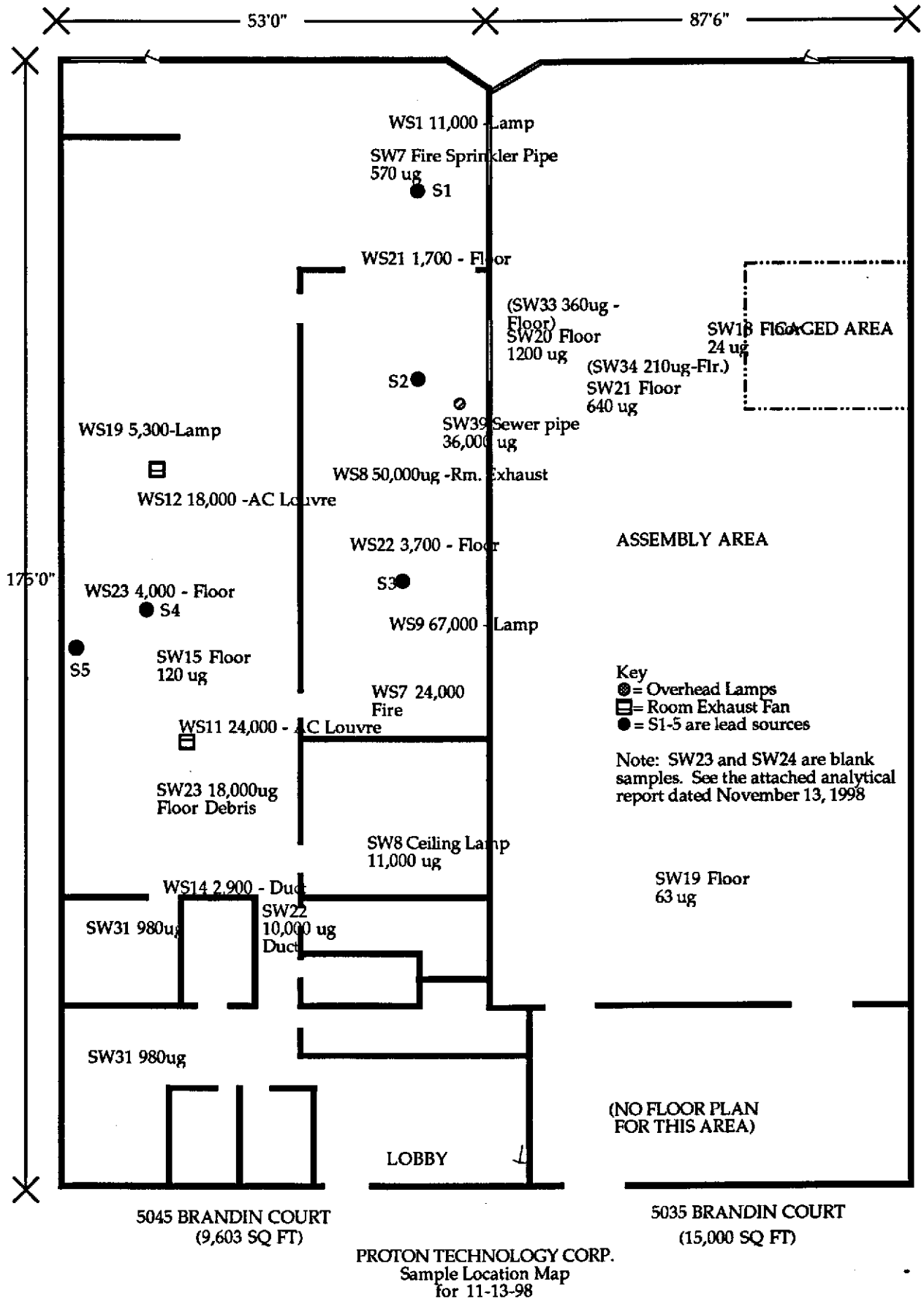
Attachments:
McCampbell Analytical Reports

January 15, 1999
Proton Technology Corporation
Facility Closure Report

ATTACHMENT 1

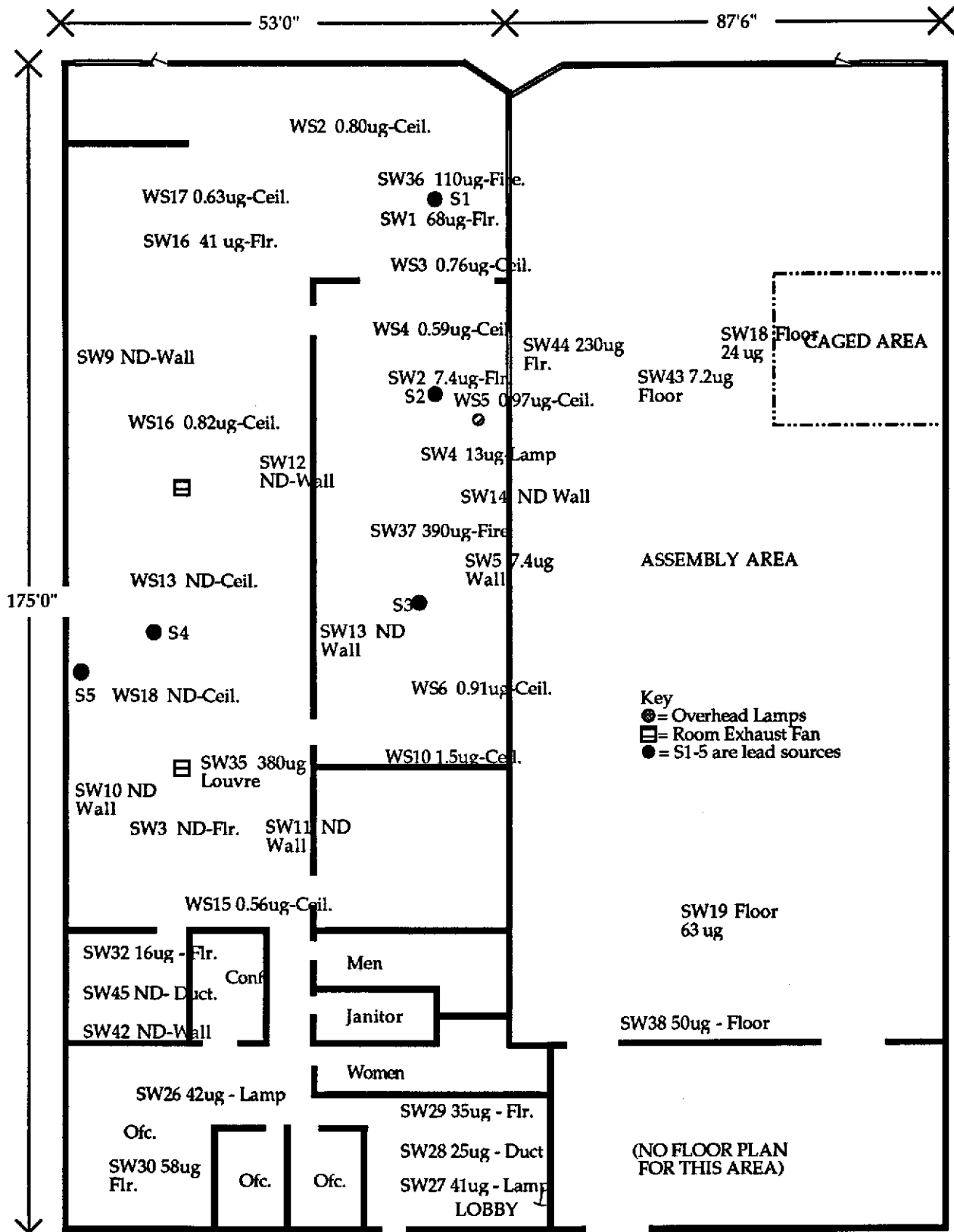
Wipe Sample Location Maps (Two)

- 1. Locations Exceeding Cleanup Goals Prior To Cleaning**
- 2. Locations Meeting Cleanup Goals After Cleaning**



DRAWING NOT TO SCALE

Locations Exceeding Cleaup Goals Prior To Cleaning



PROTON TECHNOLOGY CORP.
 Sample Location Map
 for 11-13-98

DRAWING NOT TO SCALE

Locations Meeting Cleaup Goals After Cleaning

January 15, 1999
Proton Technology Corporation
Facility Closure Report

ATTACHMENT 2

McC Campbell Analytical Inc. Report dated March 26, 1998



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: CEMS/PROTON	Date Sampled: 03/26/98
		Date Received: 03/26/98
	Client Contact: John Schultz	Date Extracted: 03/26/98
	Client P.O:	Date Analyzed: 03/26/98

04/03/98

Dear John:

Enclosed are:

- 1). the results of 24 samples from your CEMS/PROTON project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553
 Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: CEMS/PROTON	Date Sampled: 03/26/98
	Client Contact: John Schultz	Date Received: 03/26/98
	Client P.O:	Date Extracted: 03/26/98
		Date Analyzed: 03/27/98

Lead*

EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction °	Lead*	% Recovery Surrogate
87353	Lamp	Wipe	TTLC	11,000	NA
87354	Ceiling 10:05	Wipe	TTLC	0.80	NA
87355	Ceiling 10:08	Wipe	TTLC	0.76	NA
87356	Ceiling 10:13	Wipe	TTLC	0.59	NA
87357	Ceiling 10:17	Wipe	TTLC	0.97	NA
87358	Ceiling 10:21	Wipe	TTLC	0.91	NA
87359	Fire Sprinkler	Wipe	TTLC	24,000	NA
87360	Ceiling Fan	Wipe	TTLC	50,000	NA
87361	Lamp 10:31	Wipe	TTLC	67,000	NA
87362	Ceiling 10:37	Wipe	TTLC	1.5	NA
87363	H.C. Louvrg	Wipe	TTLC	24,000	NA
87364	H.C. Louvrg 10:15	Wipe	TTLC	18,000	NA
87365	Ceiling 10:59	Wipe	TTLC	ND	NA
87366	H.C. Ductwork	Wipe	TTLC	2900	NA
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	Wipe	TTLC		0.5 ug/wipe	
	W	TTLC		0.005 mg/L	
	---	STLC,TCLP		0.2 mg/L	

* soil and sludge samples are reported in mg/kg, wipe samples in ug/wipe, and water samples and all STLC / SPLP / TCLP extracts in mg/L
 *Lead is analysed using EPA method 6010 (ICP)for soils, sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples


° EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22

* surrogate diluted out of range; N/A means surrogate not applicable to this analysis

* reporting limit raised due matrix interference

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

 Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553
 Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: CEMS/PROTON	Date Sampled: 03/26/98
		Date Received: 03/26/98
	Client Contact: John Schultz	Date Extracted: 03/26/98
	Client P.O:	Date Analyzed: 03/27/98

Lead*
 EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction ^o	Lead*	% Recovery Surrogate
87367	Ceiling 11:02	Wipe	TTLC	0.56	NA
87368	Ceiling 11:11	Wipe	TTLC	0.82	NA
87369	Ceiling 11:17	Wipe	TTLC	0.63	NA
87370	Ceiling 11:20	Wipe	TTLC	ND	NA
87371	Lamp 11:25	Wipe	TTLC	5300	NA
87372	Blank	Wipe	TTLC	ND	NA
87373	Floor 11:40	Wipe	TTLC	1700	NA
87374	Floor 11:47	Wipe	TTLC	3700	NA
87375	Floor 12:00	Wipe	TTLC	4000	NA
87376	Blank 12:02	Wipe	TTLC	ND	NA
87377	Blank 12:15	Wipe	TTLC	ND	NA
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	Wipe	TTLC		0.5 ug/wipe	
	W	TTLC		0.005 mg/L	
	---	STLC,TCLP		0.2 mg/L	

* soil and sludge samples are reported in mg/kg, wipe samples in ug/wipe, and water samples and all STLC / SPLP / TCLP extracts in mg/L
 *Lead is analysed using EPA method 6010 (ICP)for soils, sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples
^o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22
^o surrogate diluted out of range; N/A means surrogate not applicable to this analysis
^o reporting limit raised due matrix interference
 i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

QC REPORT FOR ICP and/or AA METALS

Date: 03/27/98-03/28/98

Matrix: WIPE

Extraction: TTLC

Analyte	Concentration (mg/kg, mg/L)			Amount Spiked	% Recovery		RPD
	Sample	MS	MSD		MS	MSD	
Total Lead	0.0	5.23	5.28	5.0	105	106	0.8
Total Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Chromium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nickel	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A
STLC Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

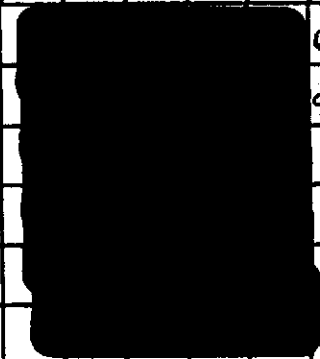
$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

California Environmental Management Service Co., Inc. (650) 966-1526/Fax (650) 965-1146 Chain of Custody

Job code/project name: CGMS/PROTON					Number of containers	Composite	Analysis			
Sampler(s) signature: <i>[Signature]</i>							<div style="background-color: black; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> CGMS-AA </div>			
Station No.	Date	Time	Type	Sample ID						
WS-1	3-26-98	10:00	WIP6	LAMP	1					
WS-2		10:05		CEILING	1					
WS-3		10:08		CEILING	1		SOURCE 1			
WS-4		10:13		CEILING	1					
WS-5		10:17		CEILING	1		SOURCE 2			
WS-6		10:21		CEILING	1		SOURCE 3			
WS-7		10:24		FIRE SPRINKLER LINE	1					
WS-8		10:27		CEILING FAN	1		LOUVER -			
WS-9		10:31		LAMP	1					
WS-10	✓	10:37	✓	CEILING	1		NEXT TO TEST AREA			
Discrepancy notice/additional comments:										
Turnaround time: DUE BY SATURDAY - 8 AM										
Hold Sample for further analyses? Yes () No ()										
Relinquished by: <i>[Signature]</i>		Date: 3/26/98	Time: 12:14	Received by: <i>[Signature]</i> #604		Laboratory: McCampbell Analytical (Lab. No. 1644) PRESERVATION: <input type="checkbox"/> VOAS <input type="checkbox"/> O&G <input type="checkbox"/> METALS <input type="checkbox"/> OTHER				
Relinquished by: <i>[Signature]</i> #604		Date: 3/26/98	Time: 2:08 PM	Received by: <i>[Signature]</i> 2:08 PM		Sampling Protocol: <input type="checkbox"/> LIA <input type="checkbox"/> DHS <input type="checkbox"/> LUFT <input type="checkbox"/> EPA <input type="checkbox"/> RWOCB <input type="checkbox"/> OTHER				
Relinquished by:		Date:	Time:	Received by:		Bill to: <input type="checkbox"/> CEMS <input type="checkbox"/> Other				

Job code/project name: CSMS/PROTON					Number of containers	Composite	Analysis LOU-1A	Comments RUSH RUSH	
Sampler(s) signature: John Schultz <i>[Signature]</i>									
Station No.	Date	Time	Type	Sample ID					
WS-11	3-26-98	10:51	WIPB	A.C. LOUVE		1			
WS-12	1	10:55		A.C. LOUVE		1			
WS-13		10:59		CEILING		1		SOURCE 4	
WS-14		11:00		A.C. DUCTWORK		1		TOP OF DUCTING	
WS-15		11:02		CEILING		1			
WS-16		11:11		CEILING		1			
WS-17		11:17		CEILING		1			
WS-18		11:20		CEILING		1		SOURCE 5	
WS-19		11:25	✓	LAMP		1			
WS-20	✓	11:31	✓	BLANK		1			
Discrepany notice/additional comments:									
Turnaround time:			Hold Sample for further analyses? Yes No			ICE/®		PRESERVATION	
Relinquished by: <i>[Signature]</i>			Date: 3/26/98	Time: 12:10	Received by: STEVE H BOY		GOOD CONDITION	APPROPRIATE CONTAINERS	
Relinquished by: STEVE H BOY			Date: 3/24/98	Time: 2:08 PM	Received by: <i>[Signature]</i> 3-26-98 2:08 PM		LAB SPACE ADEQUATE		
Relinquished by:			Date:	Time:	Received by:		Sampling Protocol:		
							<input type="checkbox"/> LIA	<input type="checkbox"/> DHS	<input type="checkbox"/> LUFT
							<input type="checkbox"/> EPA	<input type="checkbox"/> RWQCB	<input type="checkbox"/> OTHER
							Bill to: <input type="checkbox"/> CEMS	<input type="checkbox"/> Other	

Job code/project name: <u>CGMS/PROTON</u>					Number of containers	Composite	Analysis	Comments
Sampler(s) signature: <u>John Schultz</u>								
Station No.	Date	Time	Type	Sample ID				
WS-21	3-26-98	11:40	WIPG	FLOOR-	1			@ SOURCE 1
WS-22		11:47		FLOOR	1			@ SOURCE 2
WS-23		12:00		FLOOR	1			@ SOURCE-4+5
WS-24		12:02		BLANK	1			
WS-25	✓	12:15	✓	BLANK	1			-EXTR-BLANK FOR LAB USE (F NS606D)

Discrepancy notice/additional comments:

Turnaround time: _____ Hold Sample for further analyses? Yes No

ICE/© _____ PRESERVATION _____
 GOOD CONDITION _____ APPROPRIATE _____
 HEADSPACE ABSENT _____ CONTAINERS _____

Relinquished by: <u>[Signature]</u>	Date: <u>3/26/98</u>	Time: <u>12:40</u>	Received by: <u>STOVE #604</u>	Laboratory: _____ Sampling Protocol: <input type="checkbox"/> LIA _____ <input type="checkbox"/> DHS _____ <input type="checkbox"/> LUFT _____ <input type="checkbox"/> EPA _____ <input type="checkbox"/> RWQCB _____ <input type="checkbox"/> OTHER _____ Bill to: <input type="checkbox"/> CEMS <input type="checkbox"/> Other _____
Relinquished by: <u>STOVE #604</u>	Date: <u>3/26/98</u>	Time: <u>9:08pm</u>	Received by: <u>[Signature]</u>	
Relinquished by:	Date:	Time:	Received by:	

VOAS | O&G | METALS | OTHER

January 15, 1999
Proton Technology Corporation
Facility Closure Report

ATTACHMENT 3

McC Campbell Analytical Inc. Report dated November 13, 1998



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: Proton	██████████/98
		Date Received: 11/16/98
	Client Contact: John Schultz	Date Extracted: 11/16/98
	Client P.O:	Date Analyzed: 11/16/98

11/23/98

Dear John:

Enclosed are:

- 1). the results of 19 samples from your Proton project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: Proton	Date Sampled: 11/13/98
		Date Received: 11/16/98
	Client Contact: John Schultz	Date Extracted: 11/16/98
	Client P.O:	Date Analyzed: 11/17/98

Lead*

EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction °	Lead*	% Recovery Surrogate
98660	SW7	Wipe	TTLC	570	106
98661	SW8	Wipe	TTLC	11,000	104
98662	SW9	Wipe	TTLC	ND	107
98663	SW10	Wipe	TTLC	ND	108
98664	SW11	Wipe	TTLC	ND	106
98665	SW12	Wipe	TTLC	ND	105
98666	SW13	Wipe	TTLC	ND	107
98667	SW14	Wipe	TTLC	ND	106
98668	SW15	Wipe	TTLC	120	106
98669	SW16	Wipe	TTLC	41	106
98670	SW18	Wipe	TTLC	24	107
98671	SW19	Wipe	TTLC	63	106
98672	SW20	Wipe	TTLC	1200	106
98673	SW21	Wipe	TTLC	640	105
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	S	TTLC		3.0 mg/kg	
	Wipe	TTLC		6 ug/wipe	
	---	STLC,TCLP		0.2 mg/L	

* soil and sludge samples are reported in mg/kg, wipe samples in ug/wipe, and water samples and all STLC / SPLP / TCLP extracts in mg/L

° Lead is analysed using EPA method 6010 (ICP) for soils, sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

° EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

& reporting limit raised due matrix interference

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

 Edward Hamilton, Lab Director

QC REPORT FOR ICP and/or AA METALS

Date: 11/17/98-11/18/98

Matrix: WIPE

Extraction: TTLC

Analyte	Concentration (mg/kg, mg/L)			Amount Spiked	% Recovery		RPD
	Sample	MS	MSD		MS	MSD	
Total Lead	0.0	5.22	5.19	5.0	104	104	0.7
Total Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Chromium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nickel	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DI STLC Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

California Environmental Management Service Co., Inc.

Chain of Custody 13012 X Com 54 (650) 966-1526/Fax (650) 965-1146

Job code/project name: CEMS/PROTON					Number of containers	Composite	Analysis						Comments					
Station No.	Date	Time	Type	Sample ID			/ / / / / / / / / /											
Sampler(s) signature: John Schultz <i>[Signature]</i>							LEAD											
1	11-13-98	11:15	WIP6	SW7	1													98660
2		11:55		SW8	1													98661
3		11:45		SW9	1													98662
4		12:01		SW10	1													98663
5		12:03		SW11	1													98664
6		12:06		SW12	1													98665
7		12:12		SW13	1													98666
8		12:14		SW14	1													98667
9		12:17		SW15	1													98668
10		12:24		SW16	1							98669						

Discrepany notice/additional comments:

Turnaround time: *NORMAL* Hold Sample for further analyses? Yes No

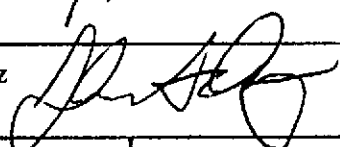
Relinquished by: <i>[Signature]</i>	Date: 11-16-98	Time: 10:02	Received by: <i>[Signature]</i>	Laboratory: McCampbell Analytical (Lab. No.1644)
Relinquished by: <i>[Signature]</i>	Date: 11/16/98	Time: 10:45am	Received by: <i>[Signature]</i>	Sampling Protocol:
Relinquished by: <i>[Signature]</i>	Date: 11/16	Time: 12:18	Received by: <i>[Signature]</i>	<input type="checkbox"/> LIA _____ <input type="checkbox"/> DHS _____ <input type="checkbox"/> LUFT _____ <input checked="" type="checkbox"/> EPA _____ <input type="checkbox"/> RWQCB _____ <input type="checkbox"/> OTHER _____
				Bill to: <input checked="" type="checkbox"/> CEMS <input type="checkbox"/> Other _____

ICE/✓ GOOD CONDITION ✓ HEAD SPACE ABSENT ✓ PRESERVATION APPROPRIATE CONTAINERS ✓

California Environmental Management Service Co., Inc.


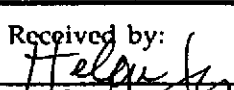



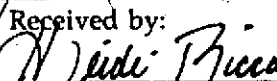
Chain of Custody 1302

(650) 966-1526/Fax (650) 965-1146

Job code/project name: <u>CMS/PROTON</u>					Number of containers	Composite	Analysis						Comments
Station No.	Date	Time	Type	Sample ID			LEAD						
Sampler(s) signature: John Schultz 													
11	11-13-98	←	SW17	NOT COLLECTED	0								SEWER PIPE-SW17
12		12:31	W/P6	SW18	1	/							98670
13		12:36		SW19	1	/							98671
14		12:37		SW20	1	/							98672
15		12:40		SW21	1	/							98673
16		12:55		SW22	1	/							98674
17		12:20	D6BRIS	SW23	1	/							98675
18		12:35	BLANK	SW24	1	/							98676
19		12:37	BLANK	SW25	1	/							98677

Discrepany notice/additional comments:

Turnaround time: NORMAL Hold Sample for further analyses? Yes No

Relinquished by: 	Date: <u>11/16/98</u>	Time: <u>10:02</u>	Received by: 	Laboratory: <u>McC Campbell Analytical (Lab. No.1644)</u>
Relinquished by: 	Date: <u>11/16/98</u>	Time: <u>10:45am</u>	Received by: 	Sampling Protocol:
Relinquished by: 	Date: <u>11/16</u>	Time: <u>12:18</u>	Received by: 	<input type="checkbox"/> LIA _____ <input type="checkbox"/> DHS _____ <input type="checkbox"/> LUFT _____ <input checked="" type="checkbox"/> EPA _____ <input type="checkbox"/> RWQCB _____ <input type="checkbox"/> OTHER _____ Bill to: <input checked="" type="checkbox"/> CEMS <input type="checkbox"/> Other _____

ICE/ PRESERVATION APPROPRIATE CONTAINERS
 GOOD CONDITION
 HEAD SPACE ABSENT

January 15, 1999
Proton Technology Corporation
Facility Closure Report

ATTACHMENT 4

McC Campbell Analytical Inc. Report dated November 14, 1998



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: Proton Technology Corp.	Date Sampled: 04/14/98
		Date Received: 04/15/98
	Client Contact: John Schultz	Date Extracted: 04/15/98
	Client P.O:	Date Analyzed: 04/15/98

04/22/98

Dear John:

Enclosed are:

- 1). the results of 6 samples from your **Proton Technology Corp.** project.
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

QC REPORT FOR ICP and/or AA METALS

Date: 04/16/98

Matrix: WIPE

Extraction: TTLC

Analyte	Concentration (mg/L)			Amount	% Recovery		
	Sample	MS	MSD		MS	MSD	RPD
Total Lead	0.00	4.94	4.72	5.00	99	94	4.6
Total Copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nickel	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Organic Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

10971 x cem 44

Job code/project name: CEMS/PRUTON TECHNOLOGY CORP. (CONFIRMATION WIP6 SAMPLES)					Number of containers	Composite	Analysis				Comments
Station No.	Date	Time	Type	Sample ID			LEAD				
Sampler(s) signature: John Schultz <i>[Signature]</i>											
SW-1	4-14-98	7:42 PM	WIP6	SW-1 FLOOR #1	1	/					(WAGS SOLDER-N.E.)
SW-2	4-14-98	7:44 PM	WIP6	SW-2 FLOOR #2	1	/					(WAGS SOLDER-N.W.)
SW-3	4-14-98	7:46 PM	WIP6	SW-3 FLOOR #3	1	/					(SOLDER STATION)
SW-4	4-14-98	7:48 PM	WIP6	SW-4 LAMP	1	/					OVER HEAD LAMP
SW-5	4-14-98	7:50 PM	WIRE	SW-5 WALL	1	/					PAGE LEVEL
SW-6	4-14-98	7:52 PM	WIP6	SW-5 BLANK	1	/					BLANK
Discrepany notice/additional comments:											
Turnaround time: <u>NORMAL</u> Hold Sample for further analyses? Yes <input type="radio"/> No <input checked="" type="radio"/>											
Relinquished by: <i>[Signature]</i>	Date: 4-15-98	Time: 10:50	Received by: <i>[Signature]</i>		Laboratory: McCampbell Analytical (Lab. No.1644)						
Relinquished by: <i>[Signature]</i>	Date: 4-15-98	Time: 1:50	Received by: <i>[Signature]</i>		Sampling Protocol:						
Relinquished by:	Date:	Time:	Received by:		<input type="checkbox"/> LIA <input type="checkbox"/> DHS <input type="checkbox"/> LUFT <input type="checkbox"/> EPA <input type="checkbox"/> RWQCB <input type="checkbox"/> OTHER						
Relinquished by:	Date:	Time:	Received by:		Bill to <input checked="" type="checkbox"/> CEMS <input type="checkbox"/> Other						

88142
88143
88144
88145
88146
88147

January 15, 1999
Proton Technology Corporation
Facility Closure Report

ATTACHMENT 5

McC Campbell Analytical Inc. Report dated December 10, 1998



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: Proton	Date Sampled: 12/10/98
		Date Received: 12/11/98
	Client Contact: John Schultz	Date Extracted: 12/11/98
	Client P.O:	Date Analyzed: 12/11/98

12/18/98

Dear John:

Enclosed are:

- 1). the results of 3 samples from your Proton project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: Proton	Date Sampled: 12/10/98
	Client Contact: John Schultz	Date Received: 12/11/98
	Client P.O:	Date Extracted: 12/11/98
		Date Analyzed: 12/14/98

Lead*

EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction °	Lead*	% Recovery Surrogate
99924	1 Ceil-Men's rm	Fiber Glass	TTLC	5000	96
99925	2 Front Ofc Ceil	Fiber Glass	TTLC	63	101
99926	3 Ofc Ceil. S.E.	Fiber Glass	TTLC	2200	102
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	Fiber glass	TTLC	30.0 mg/kg		
	W	TTLC	0.005 mg/L		
	---	STLC,TCLP	0.2 mg/L		

* soil and sludge samples are reported in mg/kg, wipe samples in ug/wipe, and water samples and all STLC / SPLP / TCLP extracts in mg/L
 *Lead is analysed using EPA method 6010 (ICP)for soils,sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples
 ° EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22
 * surrogate diluted out of range; N/A means surrogate not applicable to this analysis
 & reporting limit raised due matrix interference
 i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

QC REPORT FOR ICP and/or AA METALS

Date: 12/14/98

Matrix: FIBER GLASS

Extraction: TTLC

Analyte	Concentration (mg/kg, mg/L)			Amount Spiked	% Recovery		RPD
	Sample	MS	MSD		MS	MSD	
Total Lead	0.0	5.05	5.07	5.0	101	101	0.4
Total Cadmium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Chromium	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Nickel	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Zinc	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total Copper	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Organic Lead	N/A	N/A	N/A	N/A	N/A	N/A	N/A

$$\% \text{ Rec.} = (\text{MS} - \text{Sample}) / \text{amount spiked} \times 100$$

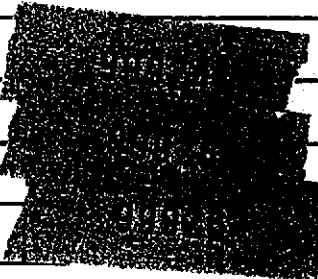
$$\text{RPD} = (\text{MS} - \text{MSD}) / (\text{MS} + \text{MSD}) \times 2 \times 100$$

13287 X Cems 55

California Environmental Management Service Co., Inc.

Chain of Custody

(650) 966-1526/Fax (650) 965-1146

Job code/project name: CGMS/PROTON					Number of containers	Composite	Analysis					Comments
Sampler(s) signature: John Schultz <i>[Signature]</i>							TOTAL LEAD					
Station No.	Date	Time	Type	Sample ID								
1	12-10-98	3:33 PM	HAZ. WASTE	CGM-MENS RM	1							
2	"	3:43	" "	FRONT OFC CGIL	1							
3	"	3:58	" "	OF C CEIL. SE	1							
Discrepancy notice/additional comments:												
Turnaround time: <i>URGENT</i> <i>TCUSU AT PER S.S. 12/14</i> Hold Sample for further analyses? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												
Relinquished by: <i>[Signature]</i>	Date: 12-11-98	Time: 6:06	Received by: <i>[Signature]</i>	Laboratory: McCampbell Analytical (Lab. No.1644)								
Relinquished by: JACK LOKHOFF	Date: 12-11-98	Time: 12:15	Received by: <i>[Signature]</i>	Sampling Protocol: <input type="checkbox"/> LIA <input type="checkbox"/> DHS <input type="checkbox"/> LUFT <input type="checkbox"/> EPA <input type="checkbox"/> RWQCB <input type="checkbox"/> OTHER								
Relinquished by:	Date:	Time:	Received by:	Bill to: <input checked="" type="checkbox"/> CEMS <input type="checkbox"/> Other								

January 15, 1999
Proton Technology Corporation
Facility Closure Report

ATTACHMENT 6

McC Campbell Analytical Inc. Report dated December 20, 1998



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: CEMS/PROTRON	Date Sampled: 12/20/98
		Date Received: 12/21/98
	Client Contact: John Schultz	Date Extracted: 12/21/98
	Client P.O:	Date Analyzed: 12/21/98

12/29/98

Dear John:

Enclosed are:

- 1). the results of 6 samples from your CEMS/PROTRON project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

January 15, 1999
Proton Technology Corporation
Facility Closure Report

ATTACHMENT 7

McC Campbell Analytical Inc. Report dated December 30, 1998



McCAMPBELL ANALYTICAL INC.

110 Second Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
<http://www.mccampbell.com> E-mail: main@mccampbell.com

California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: Protron	Date Sampled: 12/30/98
		Date Received: 12/31/98
	Client Contact: John Schultz	Date Extracted: 12/31/98
	Client P.O:	Date Analyzed: 12/31/98

01/08/99

Dear John:


Enclosed are:

- 1). the results of 17 samples from your Protron project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits. If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,

Edward Hamilton, Lab Director

 McCAMPBELL ANALYTICAL INC.	110 Second Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com	
	[Redacted]	

California Environmental Management Service Co., Inc. 2431 Tarnalpias Street Mountain View, CA 94043	Client Project ID: Protron	[Redacted]
		Date Received: 12/31/98
	Client Contact: John Schultz	Date Extracted: 12/31/98
	Client P.O:	Date Analyzed: 01/04-01/07/99

Lead*EPA analytical methods 6010/200.7, 239.2¹

Lab ID	Client ID	Matrix	Extraction *	Lead*	% Recovery Surrogate
01219	SW26	Wipe	TTLC	42	103
01220	SW27	Wipe	TTLC	41	102
01221	SW28	Wipe	TTLC	25	102
01222	SW29	Wipe	TTLC	35	102
01223	SW30	Wipe	TTLC	58	103
01224	SW31	Wipe	TTLC	980	102
01225	SW32	Wipe	TTLC	16	101
01226	SW33	Wipe	TTLC	360	104
01227	SW34	Wipe	TTLC	210	102
01228	SW35	Wipe	TTLC	380	102
01229	SW36	Wipe	TTLC	110	103
01230	SW37	Wipe	TTLC	390	104
01231	SW38	Wipe	TTLC	50	100
01232	SW39	Wipe	TTLC	36,000	101
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	Wipe	TTLC		5.0 ug/wipe	
	W	TTLC		0.005 mg/L	
	--	STLC,TCLP		0.2 mg/L	

* soil and sludge samples are reported in mg/kg, wipe samples in ug/wipe, and water samples and all STLC / SPLP / TCLP extracts in mg/L
 *Lead is analyzed using EPA method 6010 (ICP) for soils, sludges, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

¹ EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC - CA Title 22

² surrogate diluted out of range; N/A means surrogate not applicable to this analysis

³ reporting limit raised due matrix interference

i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

 Edward Hamilton, Lab Director

13523 X CEMS 59

ICEA ✓
GOOD CONDITION ✓
HEADSPACE ABSENT ✓
CONTAINERS ✓

PRESERVATION APPROPRIATE ✓

VDAS | OGG | METALS | OTHER

1 of 2 pages

(650) 966-1526/Fax (650) 965-1146

California Environmental Management Service Co., Inc.

Job code/project name: **CEMS/PROTRON**

Sampler(s) signature: **John Schultz**

Station No.	Date	Time	Type	Sample ID	Number of containers	Composite	Analysis	Comments
SW26	12:30 ⁴⁵	2:07 PM	WIPE	SW26	1		LEAD	FRONT OFF. CEIL. LIGHT 42
SW27		2:11 PM		SW27	1		LEAD	LOBBY - CEIL - LIGHT 41
SW28		2:17 PM		SW28	1		LEAD	LOBBY - DUCT 25
SW29		2:20 PM		SW29	1		LEAD	LOBBY FLOOR 35
SW30		2:31 PM		SW30	1		LEAD	FRONT OFF - CORANT FLOOR 58
SW31		2:42 PM		SW31	1		LEAD	LUNCH ROOM DUCT ✓
SW32		2:45 PM		SW32	1		LEAD	LUNCH ROOM FLOOR 16 ✓
SW33		2:59 PM		SW33	1		LEAD	5035 - FLOOR - NEAR DOOR ✓
SW34		3:03 PM		SW34	1		LEAD	5035 - FLOOR - HWAY ✓
SW35		3:21 PM		SW35	1		LEAD	A.C. LOUNGE ✓

01219
01220
01221
01222
01223
01224
01225
01226
01227
01228

Discrepancy notice/additional comments:

Turnaround time: **NORMAL** Hold Sample for further analyses? Yes No

Relinquished by: <i>[Signature]</i>	Date: 12/31/98	Time: 9:05	Received by: <i>[Signature]</i> #658	Laboratory: McCampbell Analytical (Lab. No. 1644)
Relinquished by: <i>[Signature]</i>	Date: 12/31/98	Time: 12:05 PM	Received by: <i>[Signature]</i>	Sampling Protocol:
Relinquished by:	Date:	Time:	Received by:	<input checked="" type="checkbox"/> LIA _____ <input type="checkbox"/> DHS _____ <input type="checkbox"/> LUFT _____ <input checked="" type="checkbox"/> EPA _____ <input type="checkbox"/> RWQCB _____ <input type="checkbox"/> OTHER _____
				Bill to: <input checked="" type="checkbox"/> CEMS <input type="checkbox"/> Other _____

2 of 2 pages

California Environmental Management Service Co., Inc.

Chain of Custody 13523

(650) 966-1526/Fax (650) 965-1146

Job code/project name: CGMS/PROTRON					Number of containers	Composite	Analysis	
Sampler(s) signature: John Schultz							<div style="text-align: center; font-size: 2em; font-weight: bold;">LEAD</div> <div style="text-align: right; font-size: 1.2em;"> IN WAREHOUSE COMMENTS WAREHOUSE 80 LBS REB </div>	
Station No.	Date	Time	Type	Sample ID				
SW36	12/30/98	3:40 PM	WIPE	SW36	1		SPRINKLER	SPRINKLER
SW37		3:51 PM		SW37	1		SPRINKLER	SPRINKLER
SW38		3:50 PM		SW38	1			CONTROLLER WALL
SW39	Y	4:00 PM	↓	SW39	1			SEWER DRAIN
SW40	Y	4:10 PM	↓	SW40	1			BLANK
SW41	Y	4:02 PM		SW41	1			BLANK
SW42	Y	2:53 PM		SW42	1			LUNCH ROOM WALL
<input checked="" type="checkbox"/> DUST <input checked="" type="checkbox"/> GOOD CONDITION <input checked="" type="checkbox"/> HEAT SPACE ABSENT					<input type="checkbox"/> VOLATILES <input type="checkbox"/> METALS <input type="checkbox"/> OTHER		<input checked="" type="checkbox"/> PRESERVATION APPROPRIATE <input checked="" type="checkbox"/> CONTAINERS	
Discrepany notice/additional comments: Turnaround time: NORMAL Hold Sample for further analyses? Yes No								
Relinquished by: <i>[Signature]</i>					Laboratory: McCampbell Analytical (Lab. No.1644)			
Date: 12/31/98					Time: 9:45			
Received by: <i>[Signature]</i>					Sampling Protocol:			
Relinquished by: <i>[Signature]</i>					<input type="checkbox"/> LIA <input type="checkbox"/> DHS <input type="checkbox"/> LUFT <input checked="" type="checkbox"/> EPA <input type="checkbox"/> RWQCB <input type="checkbox"/> OTHER			
Date: 12/31/98					Time: 1:05 PM			
Received by: <i>[Signature]</i>					Bill to: <input checked="" type="checkbox"/> CEMS <input type="checkbox"/> Other			


FOUND
 UNDER
 110
 CONTROL R. WALL 50
 5035
 ND
 ND
 ND

01230
 01231
 01232
 01233
 01234
 01235

January 15, 1999
Proton Technology Corporation
Facility Closure Report

ATTACHMENT 8

McC Campbell Analytical Inc. Report dated January 14, 1999

	McCAMPBELL ANALYTICAL INC.	110 Second Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 http://www.mccampbell.com E-mail: main@mccampbell.com
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California Environmental Management Service Co., Inc. 2431 Tamalpias Street Mountain View, CA 94043	Client Project ID: Protron	Date Sampled: 01/14/99
		Date Received: 01/14/99
	Client Contact: John Schultz	Date Extracted: 01/14/99
	Client P.O:	Date Analyzed: 01/14/99

01/21/99

Dear John:

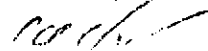
Enclosed are:

- 1). the results of 5 samples from your Protron project,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McCampbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Yours truly,



Edward Hamilton, Lab Director

13661 XCEM 60

Job code/project name: CEMS PROTRON					Number of containers	Composite	Analysis				Comments
Sampler(s) signature: John Schultz <i>[Signature]</i>							<div style="border: 1px solid black; padding: 5px; display: inline-block;"> LEAD </div>				
Station No.	Date	Time	Type	Sample ID							
SW43	1-14-99	11:21	W1A6	SW43							FLOOR - AWAY FROM DOOR
SW44	"	11:31	"	SW44							FLOOR - NEAR DOOR
SW45	"	11:36	"	SW45							DUCT - ABOVE LUNCH ROOM CEILING
SW46	"	12:01	"	SW46							GENERAL - DOOR
SW47	"	12:15	"	SW47							GENERAL DOOR
Discrepany notice/additional comments:					WAS LOGG METAL STORED GOOD CONDITION HEAD SPACE PRESENT PRESERVATION APPROPRIATE CONTAINERS						
Turnaround time: AS SOON AS POSSIBLE					PAX RESULTS (BY MON TOMORROW) Hold Sample for further analyses? Yes No <i>[Initials]</i>						
Relinquished by: <i>[Signature]</i>	Date: 1-14-99	Time: 1:37 PM	Received by: <i>[Signature]</i>		Laboratory: McCampbell Analytical (Lab. No. 1644)						
Relinquished by: <i>[Signature]</i>	Date: 1-14-99	Time: 5:00	Received by: <i>[Signature]</i>		Sampling Protocol: <input type="checkbox"/> LIA _____ <input type="checkbox"/> DHS _____ <input type="checkbox"/> LUFT _____ <input checked="" type="checkbox"/> EPA _____ <input type="checkbox"/> RWQCB _____ <input type="checkbox"/> OTHER _____						
Relinquished by:	Date:	Time:	Received by:		Bill to: <input checked="" type="checkbox"/> CEMS <input type="checkbox"/> Other _____						