SCA

ENVIRONMENTAL, INC.

March 13, 2015

Ms. Barbara Beard
MIG TRA Environmental Services Inc.
545 Middlefield Road, Suite 200
Menlo Park, CA, 94025

RE: Summary Report of Hazardous Building Materials
Cal Fire – Sky Londa Fire Station No. 58
17290 Skyline Blvd., Woodside, CA 94062
SCA Project No.: F11578.02

Dear Ms. Beard:

This letter summarizes the results of a limited hazardous materials investigation at the Cal Fire – Sky Londa Fire Station No. 58, located at 17290 Skyline Blvd., Woodside, CA. Sampling was conducted by SCA Environmental, Inc. (SCA) on February 9-10, 2015 by Tucker Kalman, CSST (#13-5157), under the direct supervision of Christina Codemo CAC, CHMM, REPA and Chuck Siu, CIH, CAC, PE The investigation included the following:

- An inspection and survey of the office and barrack buildings at Sky Londa Fire Station No. 58
- Non-destructive sampling and testing for lead-containing coatings, polychlorinated biphenyls (PCB), and asbestos-containing materials (ACM).
- Assessment to quantify possible PCB lighting ballasts and mercury-containing fluorescent lighting fixtures.

The survey was limited to the following areas:

- interior and exterior of the office building
- interior and exterior of the barrack building
- lead sampling of the painted propane tank between the two structures
- sampling of concrete pad beneath the propane tank
- sampling of the asphalt in the immediate area of the two buildings

The apparatus building, other storage structures, propane tanks adjacent to the apparatus building, and the above ground storage tanks were not included in this survey.

The following summarizes our findings.

Asbestos Hazards

Summary of Standards
Certain existing building components or materials, which may be impacted by the planned demolition of various structures of the Cal Fire - Sky Londa Fire Station No. 58 facility, are known or presumed to contain asbestos.

Asbestos-containing material (ACM) is defined by EPA regulations as those substances containing greater than 1% asbestos. The Bay Area Air Quality Management District (BAAQMD) and the Cal/EPA provide local enforcement of these regulations. Friable ACM with greater than 1% asbestos must be abated prior to demolition or renovation, and is required to be disposed of as asbestos waste. Prior to renovation or demolition, the BAAQMD requires abatement of friable ACM, as well as non-friable ACM that may become friable during renovation (practically, this means all non-friable ACM). Federal Occupational Safety and Health Administrations (OSHA) regulations, locally enforced by CAL/OSHA, define ACM as substances that contain greater than 1% asbestos.

Methodology

Sampling activities were conducted per industry standards and the Federal AHERA regulations (40 CFR Part 763), and sample locations were documented on field diagrams (Attachment B). Under these procedures, the first sample is analyzed. If it tests positive for asbestos (>1%), the analysis is suspended for further samples of that material. If the first sample tests negative, however, the second and third samples are analyzed sequentially, in order to determine the possible presence of asbestos. If all three samples test negative, the material is considered as non-asbestos. Certain materials, such as plasters and gypsum board systems, are frequently non-homogeneous in content. For such materials, multiple samples were gathered at various points in the buildings, with all samples analyzed to determine the possible presence of asbestos.

All building material samples collected were submitted to Asbestos TEM Laboratory in Berkeley, California for analysis by polarized light microscopy with dispersion staining (DS/PLM). Concrete and asphalt samples were submitted to Analytical Labs San Francisco in San Francisco, California for analysis by polarized light microscopy (PLM).

Results

SCA has entered the sampling data from the above-referenced structure into **Tables 1 & 2: Material Matrix Reports (MMRs)**. Printouts which show detailed sample results, locations, and quantity estimates are included in Attachment A of this report. Materials designated as AAA are assumed to contain asbestos. Sample locations are included on the sample location diagrams in Attachment B.

1. The MMRs (Tables 1 & 2 in Attachment A) list positive, assumed, and negative materials, the locations where each material is present, and the quantity estimates in each location.

2. As the building is still in use, SCA did not perform destructive sampling to inspect wall cavities, above ceilings, etc. in areas where this sampling would affect the use of the room. Any material not sampled is listed as assumed (AAA) in the MMRs. Quantities listed in the matrices are for visible quantities only. SCA makes no warranties or representations regarding materials or quantities that may be present behind wall cavities, above ceilings, etc.

3. The following items were to be assumed asbestos-containing during the survey: vapor barriers, wall mastics, ceiling mastics, formica counter tops, etc. SCA has listed these materials as assumed asbestos-containing items in the attached MMR and Abatement Cost Estimate. The County of San Mateo should be aware that these materials are required to be tested prior demolition of the buildings. SCA recommends that the destructive testing and testing of inaccessible/assumed materials be performed prior to preparation of abatement specifications, if possible, or that the specifications be prepared

with line items for all inclusive unit costs for abatement in the event the materials are found to contain asbestos.

Please note the following with respect to the assumed materials:

- Both the office building and barrack building contained a significant amount of wall and ceiling wood paneling. This paneling probably contains a glue or mastic between the paneling itself and the assumed drywall present beneath. This mastic is used to adhere the paneling to the substrate and based on the age of the buildings, could likely contain asbestos. Destructive sampling of this material would be required before demolition of the building.

- Both the office building and barrack building have exterior wood siding on all surfaces. This wood siding could possibly contain a waterproofing membrane between it and the substrate of the building walls. Based on the age of the buildings, this material could contain asbestos. Destructive sampling of this material would be required before any demolition of the buildings.

- It is not uncommon for structures to have a vapor barrier assembly under the concrete foundation slab and the concrete walls (when below grade) adjacent to the hillside. Given the construction date of the Barrack building, this vapor barrier system, if present, could consist of a tar-like substance with waterproofing membrane that often contains asbestos. As destructive testing was excluded from the scope of work, SCA has assumed that a vapor barrier system may be present under the Barrack building concrete slab and wall where the building abuts the hillside (below grade). (The Office building possesses a crawlspace and no vapor membrane was noted here upon inspection.) A coring contractor should be retained prior to demolition of the structure to obtain a continuous core through these areas to verify the presence of a vapor barrier system. If present, the material should be tested to verify asbestos content. If the material is found to contain asbestos, the demolition contractor should possess asbestos-registration and proper training, and such concrete should not be recycled.

- SCA has provided an estimated cost for abatement of all items in the event that asbestos is found in the assumed materials. The abatement estimate may decrease if these assumed materials are found to be non-asbestos containing during destructive testing prior to demolition of the structures.

- SCA assumes that in the future, this survey report may be referenced by Abatement Contractors providing bids for abatement of materials at the surveyed site. SCA requests that this text portion of the report be provided to bidding contractors for review. Bidding Contractors are hereby notified that the quantities included herein are estimates only, and all quantities should be field verified by the Contractor for any budgeting, planning or bidding decisions.

Lead Hazards

Summary of Standards
Certain existing painted or coated surfaces to be impacted by the proposed renovation or demolition of the facility are known to contain lead.

Since elemental lead is a suspect carcinogen and known teratogen and neurotoxic in high doses, lead-containing materials need to be identified prior to the on-set of demolition activities. Using combinations of engineering controls and personal protective equipment, lead-containing materials can be removed safely. Several sources of applicable standards are listed as follows:

1. Lead exposures in the workplace are regulated by Cal/OSHA, which has certain regulatory requirements for identifying and controlling potential lead exposures. Currently applicable regulations for the construction industry have been adopted by Cal/OSHA (8 CCR 1532.1) from the Federal OSHA regulations. The current OSHA 8-hour Permissible Exposure Level (PEL) for lead is 50 µg/m^3.

2. Current EPA and Cal/EPA regulations do not require LBP to be removed prior to demolition, unless loose and peeling. Provided that the paints are securely adhered to the substrates (i.e., non-flaking or non-peeling), disposal of intact demolition debris can generally be handled in California as non-hazardous and non-RCRA waste. Disposal requirements are as follows:

Classification and Disposal of Inorganic Lead Wastes in California

Standards	**TTLC**	**Leachable Lead**						
Concentations	**1000 mg/kg**	**5 mg/L**						
	Test Methods & Results			**Classifications**				
Condition	**Total Pb (mg/kg)**	**STLC Pb (mg/L)**	**TCLP Pb (mg/L)**	**Non-haz waste**	**CalHaz (Non-RCRA)**	**Fed Haz (RCRA)**	**Stabilization Required**	**Landfill Class**
1a	<50 (a1)	NA		Yes	no	no	no	III
1b	<100 (a2)		NA	Yes	no	no	no	III
2a	50 to <1000	<5	<5	Yes (c)	no	no	no	III or II (d)
2b		>5	<5	no	Yes	no	no	I
2c		>5	>5	no	Yes	Yes	Yes	I
2d (b)		<5	>5	no	no	Yes	Yes	I
3a	>1000	<5	<5	No	Yes	No	no	I
3b		>5	<5	no	Yes	no	no	I
3c		>5	>5	no	Yes	Yes	Yes	I
3d (b)		<5	>5	no	no	Yes	Yes	I
4	any	any	>5	no	no	Yes	Yes	I

(a1) 50 = 10 x 5 (STLC for Pb). Per WET method, impossible to exceed STLC even if 100% soluble.
(a2) 100 = 20 x 5 (TCLP for Pb). Per TCLP method, impossible to exceed STLC even if 100% soluble.
(b) Physically impossible due to the stronger acid used in WET than TCLP.
(c) Landfills will likely require documentation that TCLP is <5, even though TCLP is almost always less than WET.
(d) Landfill dependent, function of permit, landfill liner, or landfill policy

In California, loose and peeling LBP or other wastes require characterization and testing for leachability to determine if the materials would be classified as a RCRA or California hazardous waste.

3. The major definitions of LBP or lead-coated surfaces are listed as follows:

   - HUD defines LBP as paint that contains either ≥0.5% by weight of lead, or ≥1 mg/cm^2.
   - Consumer Product Safety Commission (CPSC) prohibits the manufacturing of paint that contains more than 90 ppm of lead.

4. Lead is on the "Proposition 65" list, based on its potential to cause reproductive harm.

5. The California Department of Public Health (CDPH) requires the use of Certified Lead Workers and Supervisors for lead abatement projects at public buildings with a greater than 20 years expected life or whenever work is completed specifically to abate Lead-Based paints as defined by HUD. The CDPH certification requirements do not apply to industrial sites; however, dust controls and personnel protection are still required under 17 CCR Section 35001 through 36100.

Methodology
SCA collected a number of bulk samples for analysis to determine the lead content of these materials. Materials included lead paints and coatings.

Lead samples collected were submitted to McCampbell Analytical, Inc. in Pittsburg, California for analysis for total lead content by Flame Atomic Absorption (Flame AA).

Results
SCA has entered the lead sampling data into Tables 1 and 2 included in Attachment A. The MMRs show detailed sample results and locations of the sampled materials. Sample locations are included on the sample location diagrams in Attachment B.

1. Lead concentrations for paints ranged from <0.5 milligrams per kilogram (mg/kg) to 1,100 mg/kg.

As lead was identified in some paints and a detailed inventory of paints was not performed for the project, for the purpose of complying with the Cal/OSHA lead in construction regulation (8 CCR 1532.1), all coated surfaces shall be considered to contain some lead and require demolition dust control procedures for compliance with Cal/OSHA's Construction Lead Standard under 8 CCR 1532.1. The aforementioned regulation contains requirements for lead air monitoring, work practices, respiratory protection, etc., that are triggered by the presence of even very low levels of lead.

In addition, based on the California Total Threshold Level Concentration (TTLC) hazardous waste standard, the paints may be classified as hazardous wastes. Additional sampling and analysis for leachable lead content by the Contractor or Consultant during demolition will be required for waste characterization.

Polychlorinated Biphenyls (PCBs) & Mercury-Containing Items

Methodology
SCA collected a representative sample of the exposed caulking to determine PCB content. This sample was analyzed by EPA Method 8082 at McCampbell Analytical, Inc. in Pittsburg, CA and reported in milligrams per kilogram (mg/kg).

SCA also quantified lighting ballasts that were observed in conjunction with mercury-containing, fluorescent lighting fixtures in various locations throughout the two structures.

Results
Quantities of both PCB ballasts and fluorescent tubes in various locations are included in Tables 1 & 2 in Attachment A.

1. No PCBs were detected in the caulking sampled by SCA.
2. Various lighting ballasts were identified throughout the buildings. The ballasts in the Office building were inspected by SCA and found to be labeled as non PCB-containing.

The ballasts in the Barrack building were not able to be inspected and should be inspected prior to demolition of the building. Ballasts identified as PCB-containing should be removed by trained workers and disposed of in accordance with federal and state regulations.

3. Mercury-containing fluorescent tubes were identified throughout the buildings. Recycling vendors for reclaiming the mercury vapor are commonly available for services at approximately $0.15 per lineal foot. Note that costs for fluorescent tube disposal do not tend to be significant compared to overall abatement costs.

If you have any questions, please contact us.

Sincerely,
SCA ENVIRONMENTAL, INC.

Christina Codemo, CHMM, REPA, CAC
Sr. Consultant

Appendices:

Appendix A:	Materials Matrix Report
Appendix B:	Sample Location Drawings
Appendix C:	Asbestos Laboratory Results
Appendix D:	PCB & Lead Laboratory Results

Appendix A

Materials Matrix Report

TABLE 1: MATERIAL MATRIX REPORT
SKY LONDA FIRE STATION NO.58 BARRACK BUILDING

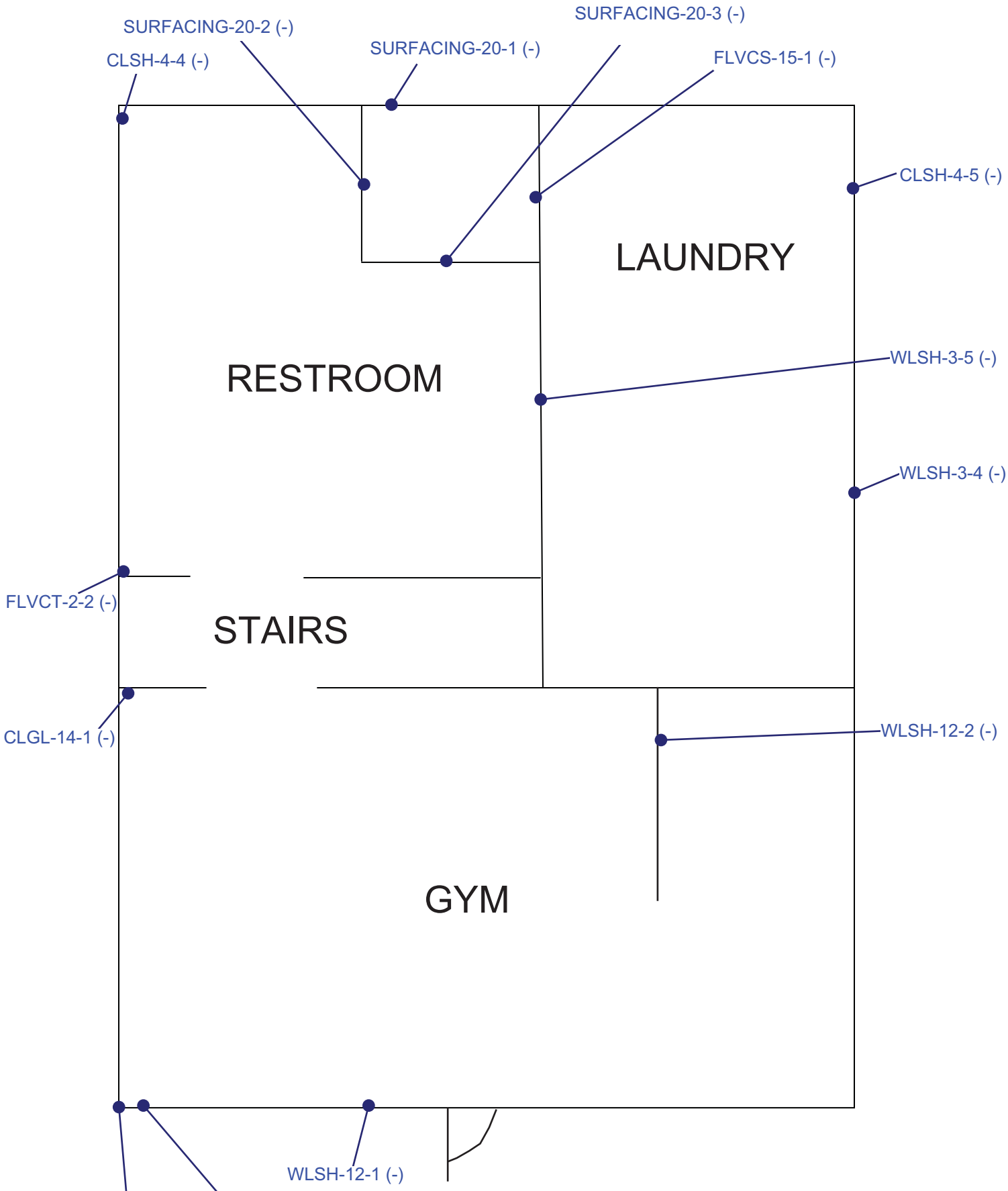
														1st Floor				2nd Floor									Roof & Exterior			
Room ID------- > Material ID	**Components**	**Asbestos: Positive, Negative, Trace, Assumed**	**Sample 1**	**Sample 2**	**Sample 3**	**Sample 4**	**Sample 5**	**Sample 6**	**Sample 7**	**Sample 8**	**Sample 9**	**Sample 10**	**Units**	**GYM**	**BATHROOM**	**LAUNDRY**	**HALLWAY**	**KITCHEN**	**ENTRY**	**BEDROOM #1**	**BEDROOM #2**	**BEDROOM #3**	**BARRACK BEDROOM**	**STAIRS**	**STORAGE**	**HALLWAY**	**ROOF**	**EXTERIOR**	**PROPANE TANK**	**TOTAL+/- 15%**
ASBESTOS																														
WLSH-3/CLSH-4	Off-white wall & ceiling drywall (-) with joint compound (+) and texture in gym (-)	**Positive**	ND	ND	5% CH	ND	ND	ND	ND	ND	<1% CH	ND	SF	1500	500	300	12	1040	460	420	420	600	950	20	500	860				7582
FLVCT-10	12"x12" off white vinyl floor tile (-) with yellow carpet mastic (-) and black mastic (+)		ND	5% CH	NA								SF				12				100		400	20		150				682
PENMAS-19	Black roofing penetration mastic		10% CH										SF														10			10
ASSUMED ASBESTOS (Destructive Testing Required to Confirm)																														
FORMICA-AAA-6	Glue under formica counter tops	**Assumed**											SF					50												50
WLMAS-AAA-7	Mastic behind wood wall paneling (assumed drywall behind)												SF	200					400	320	320		400			640				2280
CLMAS-AAA-8	Mastic behind wood ceiling paneling (assumd ceiling drywall behind)												SF				12		60											72
PAPER-AAA-27	Waterproofing paper assumed underneath exterior wood siding												SF															2000		2000
WLMAS-AAA-13	Mastic behind plastic wall paneling (assumed drywall behind)												SF		250															250
VAPOR-AAA-26	Vapor barrier assumed present on exterior of bldg at hillside in that area												SF															500		500
NON-ASBESTOS																														
FLVCT-1	12"x12" tan vinyl floor tiles with brown smudges and yellow mastic ontop of 12"x12" off-white vinyl floor tiles with black mastic on wood	**Negative**	ND	ND									SF					325	60											385
FLVCT-2	12"x12" off white vinyl floor tile with grey smudges and yellow mastic on wood		ND	ND									SF					75												75
BBMAS-5	Brown base board mastic behind black baseboard		ND										LF					80												80
BBMAS-9	Yellow base board mastic behind black baseboard		ND	ND									LF		40						40		80			80				240
FLVCS-11	White vinyl floor sheeting underneath carpet with yellow carpet mastic and yellow mastic		ND										SF							100										100
CLGL-14	12"x12" glued in ceiling tiles with yellow glue ontop of ceiling drywall		ND	ND									SF	900																900
FLVCS-15	Off white floor sheeting with yellow mastic		ND										SF		25															25
RD-16	Red exterior paint		ND										SF															2000		2000
BR-17	Brown exterior paint		ND										SF															100		100
RFSH-18	Red roof shingles with black roofing mastic		ND	ND	ND								SF														1600			1600
SURFACING-20	red-painted "Brick and Mortar" look stucco material		ND	ND	ND								SF		48															48
CAULK-21	White exterior window caulk		ND	ND									LF															20		20
CONCRETE-24	Concrete pad underneath propane tank		ND										SF																50	50
ASPHALT-25	Asphalt parking lot material around building		ND										SF															4000		4000
LEAD CONTAINING MATERIALS		**mg/kg**																												
RD-16	Red exterior paint	**1000**											SF															1600		1600
BR-17	Brown exterior paint	**7.7**											SF															100		100
CAULK-21	White exterior window caulk	**25**											LF															20		20
SV-22	Silver paint on propane tank	**450**											SF																PNQ	PNQ
OW-23	Off white interior paint sampled in the Barrack Bedroom	<0.05											SF										PNQ							PNQ
Lead-containing paints	Lead-Containing paints												SF	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ	PNQ
PCBs		**mg/kg**																												
CAULK-21	White exterior window caulk	<0.5											LF															20		20
BALLASTS	Possible PCB-containing lighting ballasts	**Present**											EA	6		2														8
OTHER HAZMATS																														
TUBES	Mercury-containing fluorescent tubes	**Present**											EA	12		4														16

Notes: ND=none detected NA=not analyzed CH=chrysotile PNQ=present, but not quantified

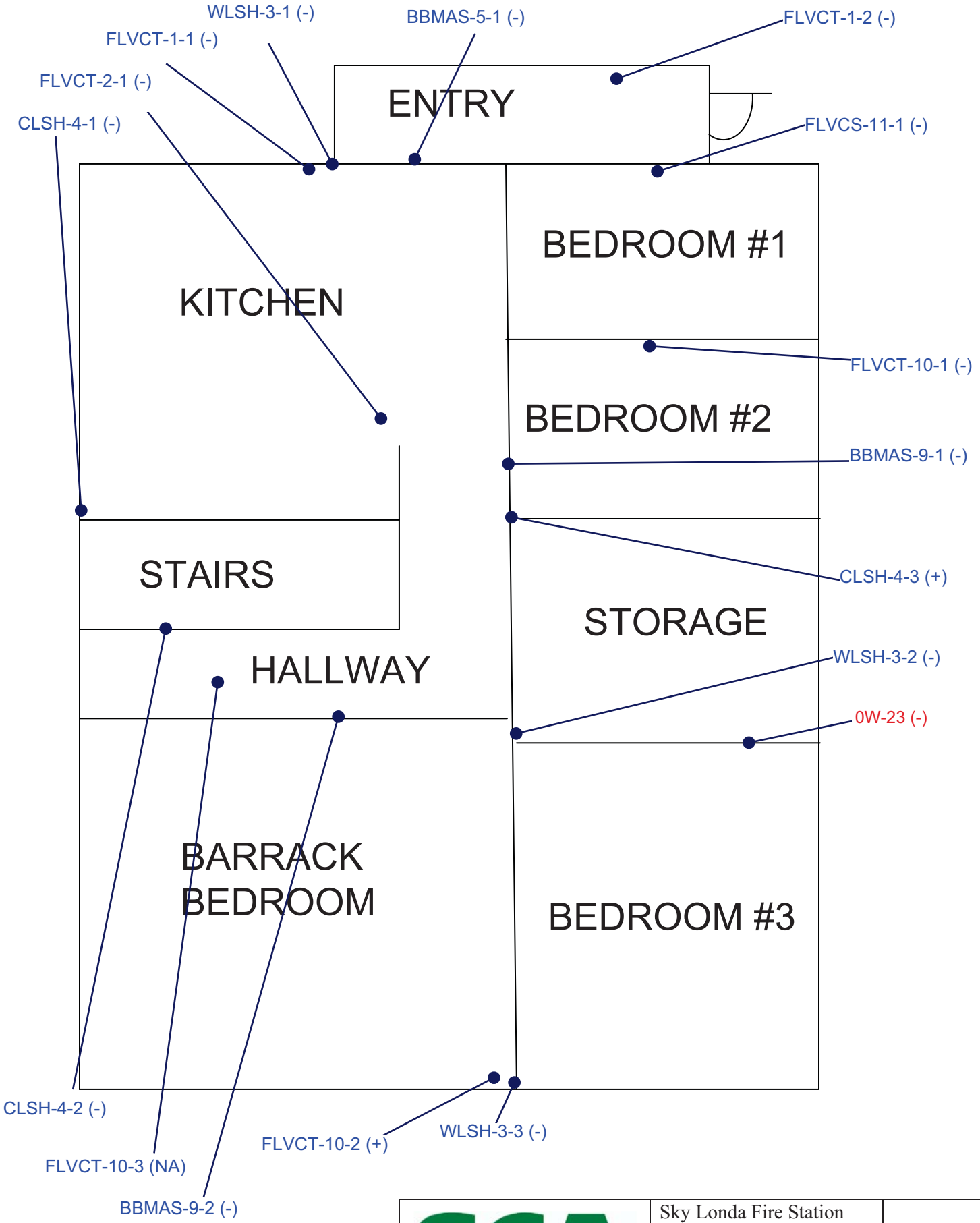
SCA Project No.: F11578.02
March 2015

Appendix B

Sample Location Drawings



SCA ENVIRONMENTAL, INC.	Sky Londa Fire Station No. 58 Sampling Location Diagram: Barracks Interior First Floor SCA Project No. F11578	Figure 1

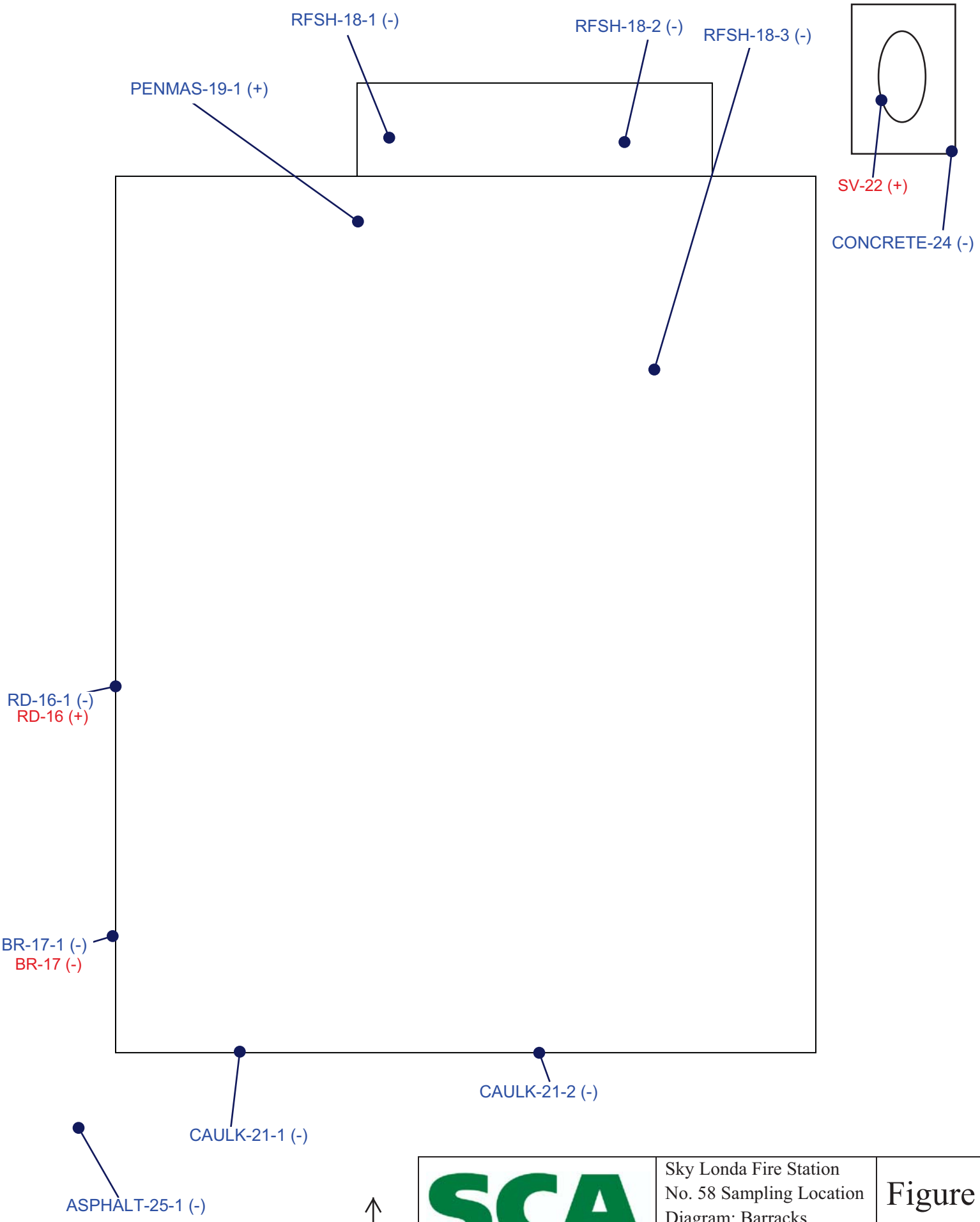


SCA ENVIRONMENTAL, INC.

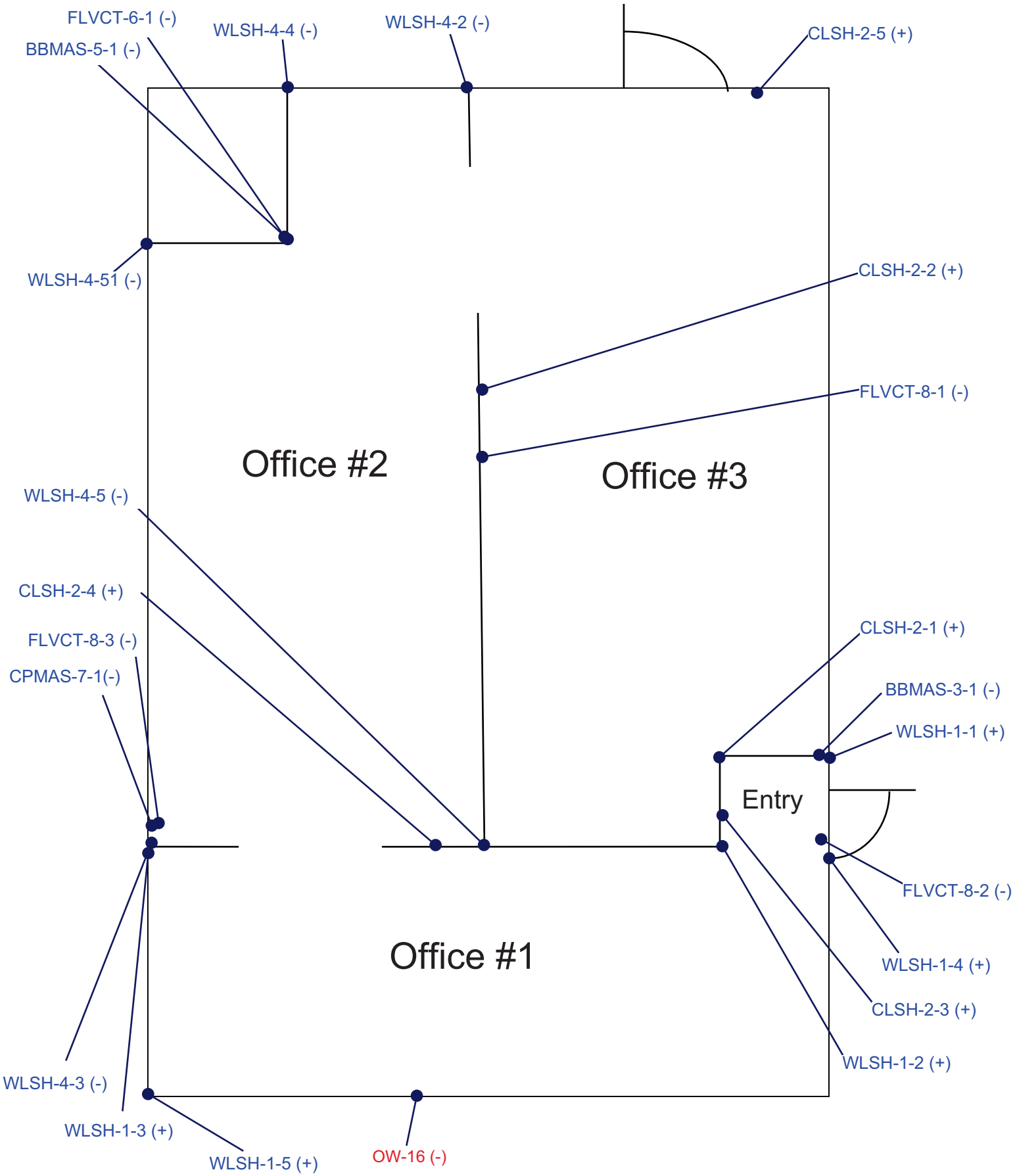
Sky Londa Fire Station
No. 58 Sampling Location
Diagram: Barracks
Interior Second Floor

SCA Project No. F11578

Figure 2



SCA ENVIRONMENTAL, INC.	Sky Londa Fire Station No. 58 Sampling Location Diagram: Barracks Exterior and Roof SCA Project No. F11578	Figure 3



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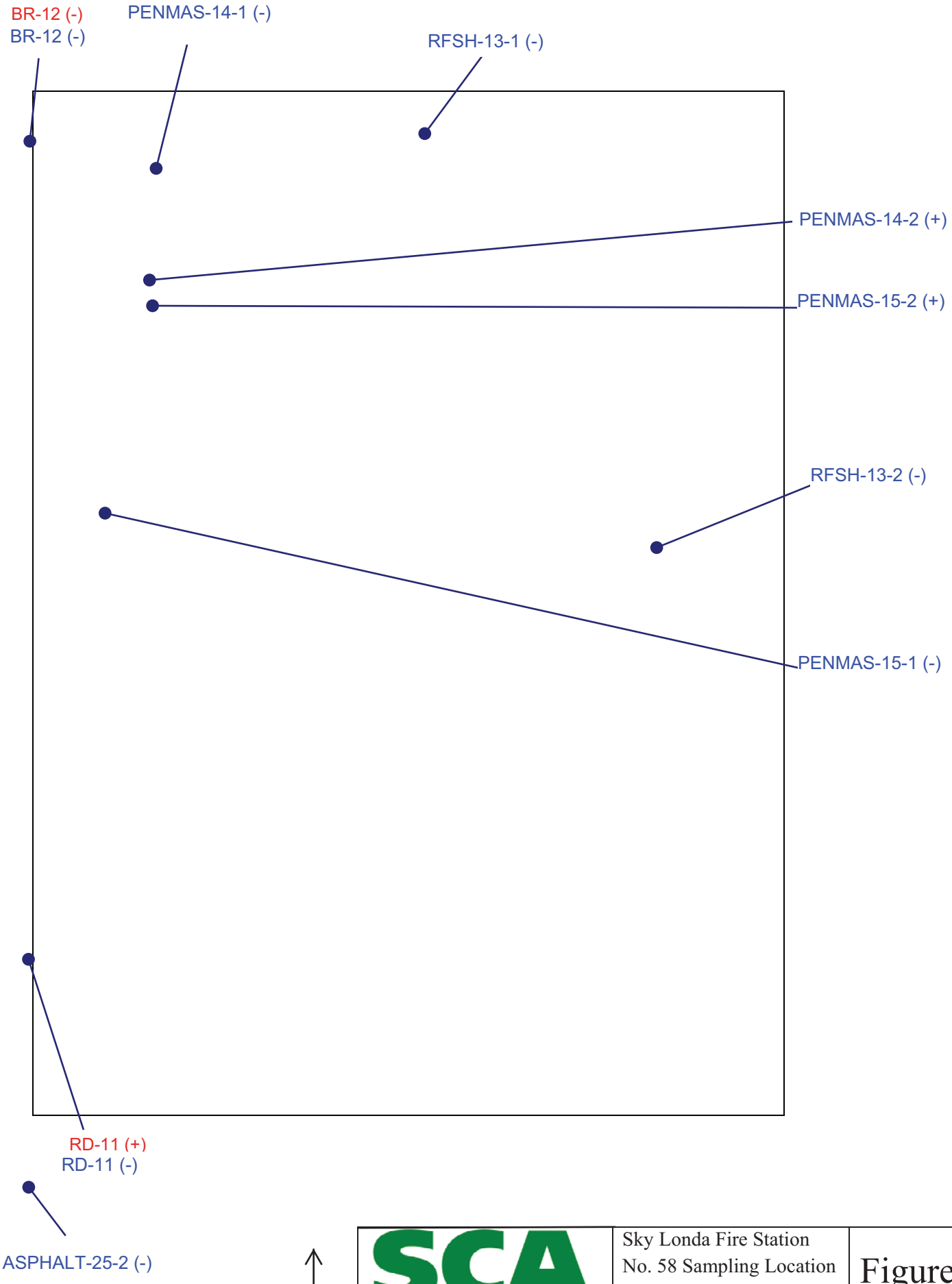
SCA ENVIRONMENTAL, INC.

Sky Londa Fire Station No. 58 Sampling Location Diagram: Office Interior

SCA Project No: F11578

Figure 4



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Sky Londa Fire Station
No. 58 Sampling Location
Diagram: Office Exterior and Roof
SCA Project No. F11578

Figure 5

Appendix C

Asbestos Laboratory Results

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 38
Reg. Samples Analyzed: 38
Split Layers Analyzed: 36

Job Site / No. Sky Londa Barracks

Report No. **331777 v. 2**
Date Submitted: Feb-12-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	DESCRIPTION FIELD / LAB
FLVCT-1-1. Lab ID # 532-02481-001A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Bndr, Other m.p. 3) 4) Feb-19-15	Floor Tile-Beige
FLVCT-1-1. Lab ID # 532-02481-001B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
FLVCT-1-1. Lab ID # 532-02481-001C		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Off-White
FLVCT-1-1. Lab ID # 532-02481-001D		**None Detected**	1) None Detected 2) 99-100% Tar, Opq, Qtz, Other m.p. 3) 4) Feb-19-15	Mastic-Black
FLVCT-1-2. Lab ID # 532-02481-002A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Bndr, Other m.p. 3) 4) Feb-19-15	Floor Tile-Beige
FLVCT-1-2. Lab ID # 532-02481-002B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
FLVCT-1-2. Lab ID # 532-02481-002C		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Off-White
FLVCT-1-2. Lab ID # 532-02481-002D		**None Detected**	1) None Detected 2) 99-100% Tar, Opq, Qtz, Other m.p. 3) 4) Feb-19-15	Mastic-Black
FLVCT-2-1. Lab ID # 532-02481-003A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Off-White
FLVCT-2-1. Lab ID # 532-02481-003B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow

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

Analyst Jo Ann Hewitt

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

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 38
Reg. Samples Analyzed: 38
Split Layers Analyzed: 36

Job Site / No. Sky Londa Barracks

Report No. **331777 v. 2**
Date Submitted: Feb-12-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
FLVCT-2-2. Lab ID # 532-02481-004A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Off-White
FLVCT-2-2. Lab ID # 532-02481-004B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
WLSH-3-1 Lab ID # 532-02481-005A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-Off-White
WLSH-3-1 Lab ID # 532-02481-005B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-Off-White
WLSH-3-2 Lab ID # 532-02481-006A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-Off-White
WLSH-3-2 Lab ID # 532-02481-006B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-Off-White
WLSH-3-3 Lab ID # 532-02481-007	**<1%**	**Chrysotile**	1) None Detected 2) 100-100% Calc, Gyp, Other m.p. 3) 4) Mar-04-15	Drywall (composite)-Off-White
WLSH-3-4 Lab ID # 532-02481-008		**None Detected**	1) 1-5% Cellulose 2) 95-99% Opq, Gyp, Calc, Other m.p. 3) 4) Mar-04-15	Drywall (composite)-Off-White
WLSH-3-5 Lab ID # 532-02481-009		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Mar-04-15	Drywall-Off-White
CLSH-4-1. Lab ID # 532-02481-010A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Mar-04-15	Drywall-Off-White

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

Analyst Jo Ann Hewitt

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www.asbestostemlabs.com *With Offices in Reno, NV (775) 359-3377*

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

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Job Site / No. Sky Londa Barracks

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Date Submitted: Feb-12-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
CLSH-4-1. Lab ID # 532-02481-010B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Bndr, Mica, Other m.p. 3) 4) Feb-19-15	JointCom/Text-Off-White
CLSH-4-2. Lab ID # 532-02481-011A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-Off-White
CLSH-4-2. Lab ID # 532-02481-011B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Bndr, Mica, Other m.p. 3) 4) Feb-19-15	JointCom/Text-Off-White
CLSH-4-3. Lab ID # 532-02481-012A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-Off-White
CLSH-4-3. Lab ID # 532-02481-012B	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p. 3) 4) Feb-19-15	JointCom/Text-Off-White
CLSH-4-4. Lab ID # 532-02481-013A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-Off-White
CLSH-4-4. Lab ID # 532-02481-013B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Calc, Mica, Other m.p. 3) 4) Feb-19-15	JointCom/Text-Off-White
CLSH-4-5. Lab ID # 532-02481-014A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-Off-White
CLSH-4-5. Lab ID # 532-02481-014B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Calc, Mica, Other m.p. 3) 4) Feb-19-15	JointCom/Text-Off-White
BBMAS-5-1 Lab ID # 532-02481-015A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Tar, Other m.p. 3) 4) Feb-19-15	Mastic-Brown

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

Analyst Jo Ann Hewitt

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 38
Reg. Samples Analyzed: 38
Split Layers Analyzed: 36

Job Site / No. Sky Londa Barracks

Report No. **331777 v. 2**
Date Submitted: Feb-12-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
BBMAS-5-1 Lab ID # 532-02481-015B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White
BBMAS-9-1 Lab ID # 532-02481-016		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-White
BBMAS-9-2 Lab ID # 532-02481-017		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Tan
FLVCT-10-1 Lab ID # 532-02481-018A		**None Detected**	1) None Detected 2) 99-100% Calc, Qtz, Opq 3) 4) Feb-19-15	CerTile-Off-White
FLVCT-10-1 Lab ID # 532-02481-018B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
FLVCT-10-1 Lab ID # 532-02481-018C		**None Detected**	1) 60-70% Cellulose 2) 30-40% Bndr, Glue, Mica, Calc 3) 4) Feb-19-15	Wrap-Tan
FLVCT-10-2 Lab ID # 532-02481-019A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Off-White
FLVCT-10-2 Lab ID # 532-02481-019B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
FLVCT-10-2 Lab ID # 532-02481-019C	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Tar, Bndr, Calc, Other m.p. 3) 4) Feb-19-15	Mastic-Black
FLVCT-10-3 Lab ID # 532-02481-020A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Off-White

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

Analyst Jo Ann Hewitt

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

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 38
Reg. Samples Analyzed: 38
Split Layers Analyzed: 36

Job Site / No. Sky Londa Barracks

Report No. **331777 v. 2**
Date Submitted: Feb-12-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS % TYPE	OTHER DATA 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	DESCRIPTION FIELD LAB
FLVCT-10-3 Lab ID # 532-02481-020B	**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
FLVCT-10-3 Lab ID # 532-02481-020C	**Not Analyzed**	1) 2) 3) 4) Feb-19-15	
FLVCS-11-1 Lab ID # 532-02481-021A	**None Detected**	1) 10-20% Cellulose 2) 80-90% Bndr, Calc, Glue, Qtz 3) 4) Feb-19-15	Floor Tile-Off-White
FLVCS-11-1 Lab ID # 532-02481-021B	**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
WLSH-12-1 Lab ID # 532-02481-022A	**None Detected**	1) None Detected 2) 99-100% Calc, Glue 3) 4) Feb-19-15	Drywall-White
WLSH-12-1 Lab ID # 532-02481-022B	**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White
WLSH-12-1 Lab ID # 532-02481-022C	**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Grey
WLSH-12-2 Lab ID # 532-02481-023A	**None Detected**	1) None Detected 2) 99-100% Calc, Glue 3) 4) Feb-19-15	Drywall-White
WLSH-12-2 Lab ID # 532-02481-023B	**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White
WLSH-12-2 Lab ID # 532-02481-023C	**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Grey

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

Analyst Jo Ann Hewitt

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www.asbestostemlabs.com *With Offices in Reno, NV (775) 359-3377*

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 38
Reg. Samples Analyzed: 38
Split Layers Analyzed: 36

Job Site / No. Sky Londa Barracks

Report No. **331777 v. 2**
Date Submitted: Feb-12-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
WLSH-12-3 Lab ID # 532-02481-024A		**None Detected**	1) None Detected 2) 99-100% Calc, Glue 3) 4) Feb-19-15	Drywall-White
WLSH-12-3 Lab ID # 532-02481-024B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White
WLSH-12-3 Lab ID # 532-02481-024C		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Grey
CLGL-14-1 Lab ID # 532-02481-025		**None Detected**	1) 70-80% Cellulose 2) 20-30% GlassFoam, Other m.p. 3) 4) Feb-19-15	Ceiling Tile-Grey
CLGL-14-2 Lab ID # 532-02481-026		**None Detected**	1) 70-80% Cellulose 2) 20-30% GlassFoam, Other m.p. 3) 4) Feb-19-15	Ceiling Tile-Grey
FLVCS-15-1 Lab ID # 532-02481-027A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Vinyl Sheet Floor-Off-White
FLVCS-15-1 Lab ID # 532-02481-027B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
RD-16-1 Lab ID # 532-02481-028		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Red
BR-17-1 Lab ID # 532-02481-029A		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Brown
BR-17-1 Lab ID # 532-02481-029B		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Caulk-White

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

Analyst Jo Ann Hewitt

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 38
Reg. Samples Analyzed: 38
Split Layers Analyzed: 36

Job Site / No. Sky Londa Barracks

Report No. **331777 v. 2**
Date Submitted: Feb-12-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
RFSH-18-1 Lab ID # 532-02481-030		**None Detected**	1) 10-20% Cellulose,Fiberglass 2) 80-90% Calc, Tar, Qtz, Opq 3) 4) Feb-19-15	Roofing Felt/Tar-Black
RFSH-18-2 Lab ID # 532-02481-031		**None Detected**	1) 10-20% Cellulose,Fiberglass 2) 80-90% Calc, Tar, Qtz, Opq 3) 4) Feb-19-15	Roofing Felt/Tar-Black
RFSH-18-3 Lab ID # 532-02481-032		**None Detected**	1) 10-20% Cellulose,Fiberglass 2) 80-90% Calc, Tar, Qtz, Opq 3) 4) Feb-19-15	Roofing Felt/Tar-Black
PENMAS-19-1 Lab ID # 532-02481-033	**5-10%**	**Chrysotile**	1) None Detected 2) 90-95% Tar 3) 4) Feb-19-15	Roof Mastic-Black
Surfacing-20-1 Lab ID # 532-02481-034A		**None Detected**	1) None Detected 2) 99-100% Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Stucco-Grey
Surfacing-20-1 Lab ID # 532-02481-034B		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Red
Surfacing-20-2 Lab ID # 532-02481-035A		**None Detected**	1) None Detected 2) 99-100% Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Stucco-Grey
Surfacing-20-2 Lab ID # 532-02481-035B		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Red
Surfacing-20-3 Lab ID # 532-02481-036A		**None Detected**	1) None Detected 2) 99-100% Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Stucco-Grey
Surfacing-20-3 Lab ID # 532-02481-036B		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Red

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

Analyst Jo Ann Hewitt

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630 Bancroft Way, Berkeley CA 94710 (510) 704-8930
With Offices in Reno, NV (775) 359-3377

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 38
Reg. Samples Analyzed: 38
Split Layers Analyzed: 36

Job Site / No. Sky Londa Barracks

Report No. **331777 v. 2**
Date Submitted: Feb-12-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA 1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	DESCRIPTION FIELD / LAB
Surfacing-20-3 Lab ID # 532-02481-036C		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Off-White
CAULK-21-1 Lab ID # 532-02481-037A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Caulk-Off-White
CAULK-21-1 Lab ID # 532-02481-037B		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Brown
CAULK-21-2 Lab ID # 532-02481-038A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Caulk-Off-White
CAULK-21-2 Lab ID # 532-02481-038B		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Brown
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

Analyst Jo Ann Hewitt

CHAIN OF CUSTODY FORM

SCA Environmental, Inc.

650 Delancey St. #222, SF, CA 94107 — Tel 415-8821675 — Fax 415-9620736
334 19th St. Oakland, CA 94612 — Tel 510-6456200 — Fax 415-9620736
5777 W. Century Blvd, #1055, LA, CA 90045 — Tel 310-2580460 — Fax 415-9620736

CALL/TXT with results: 415 378 4188
@messaging.sprintpcs.com

Email rpt / COC & invoice: tkalmen @scachs.com

Email Prj Mgr Name:
Chuck Siu Glenn Cass Christina Codemo

Accounting Data:

EMAIL HEADING: (Project #) - (Project Manager Initials) - (Site Name/Address) - (Date MMDD)

CC | Sky Londa Barracks | 0211

LAB: ATEM

COURIER: Pickup at Oakland office

LAB REP NOTIFIED:	–	Notification DATE/TIME:	–
AIRBILL/FLIGHT NO.:	–	Shipper REFERENCE I.D.	–
EST. ARRIVAL DATE:	–	EST. ARRIVAL TIME	–

Method Reference: 7400 PCM | AHERA TEM | CARB-AHERA TEM 0.001 s/cc Detection Limit
PLM (asbestos) | Flame AA (Lead)

Sample Media: 25 37 mm | 0.45 0.8 micron | MCEF | Bulk | Water | Wipe

RESULTS DUE: | 5 day ~~WK / PM~~

CHAIN OF CUSTODY DATA:

Sending Info: 38 samples submitted by TK (SCA) on 2/11 at 430 P
Received by Lab: 38 samples received by PL on 2/12 at _____
Received by Analyst: _____ samples received by _____ on _____ at _____

SAMPLE ID	LITERS	Results	Ins/Blanks/Outs
FLVCT-1-1, 2			
FLVCT-2-1, 2			
WLSH-3-1, 2, 3, 4, 5			
CLSH-4-1, 2, 3, 4, 5			
BBMAS-5-1			
BBMAS-9-1, 2			
FLVCT-10-1, 2, 3			
FLVCS-11-1			
WLSH-12-1, 2, 3			
CLGL-14-1, 2			
FLVCS-15-1			
RD-16-1			
BR-17-1			
RFSH-18-1, 2, 3			
PENMAS-19-1			
Surfacing-20-1, 2, 3			
CAULK-21-1, 2	0 LITERS		BLANK
	0 LITERS		BLANK
	0 LITERS		BLANK

INSTRUCTIONS TO LAB (delete items not applicable AND circle items applicable):

1. ~~Pickup requested~~
   ~~Contact:~~
   ~~Time of Call:~~
2. ~~Call SCA's contact to acknowledge receipt of samples.~~
3. ~~Analyze samples by PCM only.~~
4. Analyze inside samples by PCM first, if any sample >0.01 f/cc, ~~contact SCA.~~
5. ~~If all samples are <0.01 f/cc proceed with items 6, 7 or 8, as noted.~~
6. ~~Analyze inside samples only, stop at Avg = 20 str/mm^2, contact SCA before analyzing outsides or blanks.~~
7. ~~Analyze all samples, including outside samples and blanks.~~
8. ~~Do NOT analyze outside or blank samples.~~
9. ~~Analyze by TEM only the inside air sample with the highest PCM result.~~
10. Serial analysis; stop at first positive (≥1%); first trace (<0.1%) except sheetrock and plaster samples.
11. ~~Analyze all bulk samples, unless otherwise indicated.~~
11. _____

Report Number:

Invoice Number:

Supplies /Equipment	Qty
Hi-Vol (3040)	
Lo-Vol (3020)	
TEM / Pb cassettes (3520)	
PCM cassettes (3500)	
Bulk sampling supply (3710)	38

ASBESTOS	< 8 hours			24 hours			48 hours			3 to 5 days			> 6 days		
	1 to 9	10 to 40	>40	1 to 9	10 to 40	>40	1 to 9	10 to 40	>40	1 to 9	10 to 40	>40	1 to 9	10 to 40	>40
Units (each)															
PCM NIOSH 7400															
PLM Bulk															
CARB 435 (400 Pt Ct) w/ prep															
PLM Std Point Count 400															
TEM AHERA															
CARB AHERA 35-40 grid openings															
CARB AHERA 10-15 grid openings															

LEAD	< 8 hours			24 hours			48 hours			3 to 5 days			> 6 days		
	1 to 9	10 to 40	>40	1 to 9	10 to 40	>40	1 to 9	10 to 40	>40	1 to 9	10 to 40	>40	1 to 9	10 to 40	>40
Units (each)															
Flame AA															
Wipes															

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 31
Reg. Samples Analyzed: 31
Split Layers Analyzed: 29

Job Site / No. Sky Londa Office
F11578 - CC

Report No. **331779**
Date Submitted: Feb-11-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
WLSH-1-1		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-001A			3) 4) Feb-19-15	Drywall-Off-White
WLSH-1-1	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-001B			3) 4) Feb-19-15	JointCom/Text-Off-White
WLSH-1-2		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-002A			3) 4) Feb-19-15	Drywall-Off-White
WLSH-1-2	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-002B			3) 4) Feb-19-15	JointCom/Text-Off-White
WLSH-1-3		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-003A			3) 4) Feb-19-15	Drywall-Off-White
WLSH-1-3	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-003B			3) 4) Feb-19-15	JointCom/Text-Off-White
WLSH-1-4		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-004A			3) 4) Feb-19-15	Drywall-Off-White
WLSH-1-4	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-004B			3) 4) Feb-19-15	JointCom/Text-Off-White
WLSH-1-5		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-005A			3) 4) Feb-19-15	Drywall-Off-White
WLSH-1-5	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-005B			3) 4) Feb-19-15	JointCom/Text-Off-White

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

Analyst Jo Ann Hewette

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POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

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San Francisco, CA 94107

Samples Indicated: 31
Reg. Samples Analyzed: 31
Split Layers Analyzed: 29

Job Site / No. Sky Londa Office
F11578 - CC

Report No. **331779**
Date Submitted: Feb-11-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
CLSH-2-1		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-006A			3) 4) Feb-19-15	Drywall-Off-White
CLSH-2-1	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-006B			3) 4) Feb-19-15	JointCom/Text-Off-White
CLSH-2-2		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-007A			3) 4) Feb-19-15	Drywall-Off-White
CLSH-2-2	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-007B			3) 4) Feb-19-15	JointCom/Text-Off-White
CLSH-2-3		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-008A			3) 4) Feb-19-15	Drywall-Off-White
CLSH-2-3	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-008B			3) 4) Feb-19-15	JointCom/Text-Off-White
CLSH-2-4		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-009A			3) 4) Feb-19-15	Drywall-Off-White
CLSH-2-4	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-009B			3) 4) Feb-19-15	JointCom/Text-Off-White
CLSH-2-5		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p.	
Lab ID # 532-02482-010A			3) 4) Feb-19-15	Drywall-Off-White
CLSH-2-5	**1-5%**	**Chrysotile**	1) None Detected 2) 95-99% Calc, Bndr, Mica, Other m.p.	
Lab ID # 532-02482-010B			3) 4) Feb-19-15	JointCom/Text-Off-White

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

Analyst Jo Ann Hewette

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 31
Reg. Samples Analyzed: 31
Split Layers Analyzed: 29

Job Site / No. Sky Londa Office
F11578 - CC

Report No. **331779**
Date Submitted: Feb-11-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
BBMAS-3-1 Lab ID # 532-02482-011		**None Detected**	1) 1-5% Cellulose 2) 95-99% Tar, Other m.p. 3) 4) Feb-19-15	Mastic-Off-White/Tan
BBMAS-3-2 Lab ID # 532-02482-012		**None Detected**	1) 1-5% Cellulose 2) 95-99% Tar, Other m.p. 3) 4) Feb-19-15	Mastic-Off-White/Tan
WLSH-4-1 Lab ID # 532-02482-013A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-White
WLSH-4-1 Lab ID # 532-02482-013B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White
WLSH-4-2 Lab ID # 532-02482-014A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-White
WLSH-4-2 Lab ID # 532-02482-014B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White
WLSH-4-3 Lab ID # 532-02482-015A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-White
WLSH-4-3 Lab ID # 532-02482-015B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White
WLSH-4-4 Lab ID # 532-02482-016A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-White
WLSH-4-4 Lab ID # 532-02482-016B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White

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

Analyst Jo Ann Hewitt

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 31
Reg. Samples Analyzed: 31
Split Layers Analyzed: 29

Job Site / No. Sky Londa Office
F11578 - CC

Report No. **331779**
Date Submitted: Feb-11-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
WLSH-4-5 Lab ID # 532-02482-017A		**None Detected**	1) 1-5% Cellulose 2) 95-99% Gyp, Opq, Other m.p. 3) 4) Feb-19-15	Drywall-White
WLSH-4-5 Lab ID # 532-02482-017B		**None Detected**	1) 1-5% Cellulose 2) 95-99% Calc, Gyp, Mica, Qtz 3) 4) Feb-19-15	Texture-White
BBMAS-5-1 Lab ID # 532-02482-018A		**None Detected**	1) 10-20% Cellulose 2) 80-90% Bndr, Calc, Glue, Qtz 3) 4) Feb-19-15	Baseboard-Grey
BBMAS-5-1 Lab ID # 532-02482-018B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Brown
FLVCT-6-1 Lab ID # 532-02482-019A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Grey
FLVCT-6-1 Lab ID # 532-02482-019B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
CPMAS-7-1 Lab ID # 532-02482-020A		**None Detected**	1) 99-100% Synthetics 2) <1% Other m.p. 3) 4) Feb-19-15	Carpet-Grey
CPMAS-7-1 Lab ID # 532-02482-020B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
FLVCT-8-1 Lab ID # 532-02482-021A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Brown
FLVCT-8-1 Lab ID # 532-02482-021B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow

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

Analyst Jo Ann Hewitt

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 31
Reg. Samples Analyzed: 31
Split Layers Analyzed: 29

Job Site / No. Sky Londa Office
F11578 - CC

Report No. **331779**
Date Submitted: Feb-11-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers 2) Matrix Materials 3) Date/Time Collected 4) Date Analyzed	DESCRIPTION FIELD / LAB
FLVCT-8-1 Lab ID # 532-02482-021C		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Green
FLVCT-8-1 Lab ID # 532-02482-021D		**None Detected**	1) None Detected 2) 99-100% Tar, Opq, Qtz, Other m.p. 3) 4) Feb-19-15	Mastic-Black
FLVCT-8-2 Lab ID # 532-02482-022A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Brown
FLVCT-8-2 Lab ID # 532-02482-022B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
FLVCT-8-2 Lab ID # 532-02482-022C		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Green
FLVCT-8-2 Lab ID # 532-02482-022D		**None Detected**	1) None Detected 2) 99-100% Tar, Opq, Qtz, Other m.p. 3) 4) Feb-19-15	Mastic-Black
FLVCT-8-3 Lab ID # 532-02482-023A		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Brown
FLVCT-8-3 Lab ID # 532-02482-023B		**None Detected**	1) None Detected 2) 99-100% Qtz, Mica, Other m.p. 3) 4) Feb-19-15	Mastic-Yellow
FLVCT-8-3 Lab ID # 532-02482-023C		**None Detected**	1) None Detected 2) 99-100% Calc, Bndr 3) 4) Feb-19-15	Floor Tile-Green
FLVCT-8-3 Lab ID # 532-02482-023D		**None Detected**	1) None Detected 2) 99-100% Tar, Opq, Qtz, Other m.p. 3) 4) Feb-19-15	Mastic-Black

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

Analyst Jo Ann Hewitt

POLARIZED LIGHT MICROSCOPY
ANALYTICAL REPORT

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

Contact: Christina Codemo

Address: SCA Environmental, Inc. - San
650 Delancey Street, #222
San Francisco, CA 94107

Samples Indicated: 31
Reg. Samples Analyzed: 31
Split Layers Analyzed: 29

Job Site / No. Sky Londa Office
F11578 - CC

Report No. **331779**
Date Submitted: Feb-11-15
Date Reported: Feb-19-15

SAMPLE ID	ASBESTOS %	ASBESTOS TYPE	OTHER DATA (1) Non-Asbestos Fibers (2) Matrix Materials (3) Date/Time Collected (4) Date Analyzed	DESCRIPTION FIELD / LAB
RD-11-1 Lab ID # 532-02482-024		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Red
BR-12-2 Lab ID # 532-02482-025		**None Detected**	1) None Detected 2) 99-100% Glue, Qtz, Opq, Other m.p. 3) 4) Feb-19-15	Paint-Brown
RFSH-13-1 Lab ID # 532-02482-026A		**None Detected**	1) 10-20% Cellulose,Fiberglass 2) 80-90% Calc, Tar, Qtz, Opq 3) 4) Feb-19-15	Roofing Felt/Tar-Black
RFSH-13-1 Lab ID # 532-02482-026B		**None Detected**	1) 60-70% Cellulose 2) 30-40% Tar, Other m.p. 3) 4) Feb-19-15	Roofing Felt-Black
RFSH-13-2 Lab ID # 532-02482-027A		**None Detected**	1) 10-20% Cellulose,Fiberglass 2) 80-90% Calc, Tar, Qtz, Opq 3) 4) Feb-19-15	Roofing Felt/Tar-Black
RFSH-13-2 Lab ID # 532-02482-027B		**None Detected**	1) 60-70% Cellulose 2) 30-40% Tar, Other m.p. 3) 4) Feb-19-15	Roofing Felt-Black
PENMAS-14-1 Lab ID # 532-02482-028		**None Detected**	1) None Detected 2) 99-100% Tar, Opq, Qtz, Other m.p. 3) 4) Feb-19-15	Mastic-Black
PENMAS-14-2 Lab ID # 532-02482-029	**5-10%**	**Chrysotile**	1) 1-5% Cellulose 2) 85-94% Tar, Opq, Qtz 3) 4) Feb-19-15	Mastic-Black
PENMAS-15-1 Lab ID # 532-02482-030		**None Detected**	1) None Detected 2) 99-100% Tar, Opq, Qtz, Other m.p. 3) 4) Feb-19-15	Mastic-Black
PENMAS-15-2 Lab ID # 532-02482-031	**5-10%**	**Chrysotile**	1) 1-5% Cellulose 2) 85-94% Tar, Opq, Qtz 3) 4) Feb-19-15	Mastic-Black

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

Analyst Jo Ann Hewette

Rcvd 2/11
8:30
[illegible]

SCA Environmental, Inc.

CHAIN OF CUSTODY FORM

	Tel	Fax
650 Delancey St. #222, SF, CA 94107	415-8821675	415-9620736
334 19th St, Oakland, CA 94612	510-6456200	415-9620736
5777 W. Century Blvd. #1055, LA, CA 90045	310-2580460	415-9620736

CALL/TXT with results: 415-378-4188 @messaging.sprintpcs.com

Email rpt / COC & invoice: tkalman @scaehs.com

Email Prj Mgr Name: Chuck Siu Glenn Cass (Christina Codemo)

Accounting Data:

EMAIL HEADING: (Project #) - (Project Manager Initials) - (Site Name/Address) - (Date MMDD)

F11578-00 CC Sky Londa Office 0211

LAB ATEM

COURIER Pick up at our office

LAB REP NOTIFIED: — Notification DATE/TIME: —

AIRBILL/FLIGHT NO.: — Shipper REFERENCE I.D.: —

EST ARRIVAL DATE: — EST. ARRIVAL TIME —

Method Reference 7400 PCM AHERA TEM CARB-AHERA TEM 0.001 s/cc Detection Limit

(PLM (asbestos)) Flame AA (Lead)

Sample Media 25 37 mm 0.45 0.8 micron MCEF (Bulk) Water Wipe

RESULTS DUE: 5 Day ~~AM / PM~~

CHAIN OF COUSTODY DATA:

Sending Info: 31 samples submitted by TK (SCA) on 2/11 at 4:30 P

Received by Lab: 31 samples received by [illegible] on 2/11 at 10:20

Received by Analyst: ____ samples received by ____ on ____ at ____

SAMPLE ID	LITERS	Results	Ins/Blanks/Outs
WLSH-1-1,2,3,4,5			
CLSH-2-1,2,3,4,5			
BBMAS-3-1,2			
WLSH-4-1,2,3,4,5			
BBMAS-5-1			
FLVCT-6-1			
CPMAS-7-1			
FLVCT-8-1,2,3			
RD-11-1			
BR-12-1			
RFSH-13-1,2			
PENMAS-14-1,2			
PENMAS-15-1,2			
	0 LITERS		BLANK
	0 LITERS		BLANK
	0 LITERS		BLANK

Turnaround	Units (each)	Wipes	Flame AA	LEAD	CARB AHERA 10-15 grid openings	CARB AHERA 35-40 grid openings	TEM AHERA	PLM Std Point Count 400	CARB 435 (400 Pt Ct) w/ prep	PLM Bulk	PCM NIOSH 7400	ASBESTOS Units (each)
< 6 hours	1 to 9											1 to 9
	10 to 40											10 to 40
	>40											>40
24 hours	1 to 9											1 to 9
	10 to 40											10 to 40
	>40											>40
48 hours	1 to 9											1 to 9
	10 to 40											10 to 40
	>40											>40
3 to 5 days	1 to 9											1 to 9
	10 to 40											10 to 40
	>40											>40
> 6 days	1 to 9											1 to 9
	10 to 40											10 to 40
	>40											>40

INSTRUCTIONS TO LAB (delete items not applicable AND circle items applicable):

~~1. Pickup requested~~: 11. : ____

~~Contact~~: ____

~~Time of Call~~: ____

~~2. Call SCA's contact to acknowledge receipt of samples.~~

~~3. Analyze samples by PCM only.~~

~~4. Analyze inside samples by PCM first; if any sample >0.01 f/cc, contact SCA.~~

~~5. If all samples are <0.01 f/cc, proceed with items 6, 7 or 8, as noted.~~

~~6. Analyze inside samples only; stop if Avg >70 str/mm^2, contact SCA before analyzing outsides or blanks.~~

~~7. Analyze all samples, including outside samples and blanks.~~

~~8. Do NOT analyze outside or blank samples.~~

~~9. Analyze by TEM only the inside air sample with the highest PCM result.~~

(10. Serial analysis; stop at first positive (>1%); first trace (<0.1%);except sheetrock and plaster samples.)

~~11. Analyze all bulk samples, unless otherwise indicated.~~

Report Number: 331779

Invoice Number: 331779

Supplies /Equipment	Qty
Hi-Vol (3040)	
Lo-Vol (3020)	
TEM / Pb cassettes (3520)	
PCM cassettes (3500)	
Bulk sampling supply (3710)	31

ALSF ANALYTICAL LABS SAN FRANCISCO INC.

POLARIZED LIGHT MICROSCOPY ANALYSIS FOR ASBESTOS CONTENT

Client: SCA ENVIRONMENTAL, INC.
650 DELANCEY ST. #222
SAN FRANCISCO, CA 94107

Project No.: F11578.02
Project: SKY LANDER

Report Number: BB21104
Date: FEBRUARY 18, 2015
Analyst: OLGA KIST
Date Analyzed: FEBRUARY 18, 2015
Sample Collector: TUCKER KALMAN
Collection Date: FEBRUARY 11, 2015

0 Sample(s) containing Asbestos

3 Sample(s) Analyzed
3 Sample(s) Received 2/11/15 17:30

Sample #	Location / Description	ASBESTOS Type and Range % or NONE DETECTED	NONASBESTOS Other Fibers (%) Balance
1. CONCRETE-24-1	A) GRAY CONCRETE WITH SAND TEXTURE	NONE DETECTED	SILI, IRON OXIDES, CEMENT, CARB, OPAQUES, MICA, MISC.
	B) GRAY CONCRETE WITH WHITE-GOLD-BROWN-RED ROCKS	NONE DETECTED	
2. ASPHALT-25-1	A) BROWN-BLACK GRAVEL AND TAR WITH WHITE-GREENISH-GRAY ROCKS	NONE DETECTED	CELL <1, SILI, IRON OXIDES, OPAQUES, ACTINOLITE, FLYASH, MISC.
	B) GOLD CLAY INCLUSIONS	NONE DETECTED	
3. ASPHALT-25-2	A) BROWN-BLACK GRAVEL AND TAR WITH WHITE-GREENISH-GRAY ROCKS AND MOSS	NONE DETECTED	CELL 1-3 / SILI, IRON OXIDES, OPAQUES, ACTINOLITE, MISC.
	B) BROWN CLAY SOIL (BOTTOM)	NONE DETECTED	
021615	LABORATORY BLANK (1866 GLASS FIBERS)	NONE DETECTED	

ASBESTOS TYPES
CHRYS: Chrysotile
AMOS: Amosite
CROC: Crocidolite
TREM: Tremolite/Actinolite
ANTH: Anthophyllite

NONASBESTOS
CELL: Cellulose
GL: Fiberglass/Mineral Wool
SYN: Synthetic
CARB: Carbonates
SILI: Mixed Silicates
POLY: Polyethylene
FTALC: Fibrous Talc
FGYP: Fibrous Gypsum
FELD: Feldspar
CASI: Calcium Silicates

Bulk samples analyzed in accordance with "Method for the Determination of Asbestos in Bulk Building Materials" EPA/600/R-93/116, July 1993. The detection limit is 1%. Quantitation of asbestos is by calibrated visual estimation. Analytical Labs San Francisco, Inc. (ALSF) is recognized under the National Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 7 code of Federal Regulations and accredited for bulk asbestos fiber analysis (NVLAP lab code: 101909-0). Asbestos fibers less than 0.2 microns cannot be resolved by light microscope. This report must not be reproduced except in full, without the written approval of ALSF and pertains only to the samples analyzed.

AUTHORIZED SIGNATURE _____ DATE 2/18/15

467 Potrero Avenue, San Francisco, CA 94110 (415) 552-4595 FAX 552-0730

BB21184

CHAIN OF CUSTODY FORM

SCA Environmental, Inc.

650 Delancey St. #222, SF, CA 94107 — Tel 415-8821675 — Fax 415-9620736
334 19th St, Oakland, CA 94612 — Tel 510-6456200 — Fax 415-9620736
5777 W. Century Blvd. #1055, LA, CA 90045 — Tel 310-2580460 — Fax 415-9620736

CALL/TXT with results: 415-378-4198
@messaging.sprintpcs.com
Email rpt / COC & invoice: tkalmar @scaehs.com
Email Prj Mgr Name: Chuck Siu Glenn Cass Christina Codemo
Accounting Data:

EMAIL HEADING: (Project #) - (Project Manager Initials) - (Site Name/Address) - (Date MMDD)

F11578.02 CC Sky Lander 0211

LAB: ALSF Drop off

COURIER
LAB REP NOTIFIED
AIRBILL/FLIGHT NO.:
EST ARRIVAL DATE:
Notification DATE/TIME:
Shipper REFERENCE I.D.
EST ARRIVAL TIME

Method Reference: 7400 PCM — AHERA TEM — CARB-AHERA TEM 0.001 s/cc Detection Limit
PLM (asbestos) — Flame AA (Lead)
Sample Media: 25 37 mm 0.45 0.8 micron — MCE — Bulk — Water — Wipe
RESULTS DUE: 5 Day ~~AM / PM~~

CHAIN OF CUSTODY DATA:
Sending Info: 3 samples submitted by TK (SCA) on 2/11 at 455P
Received by Lab: 3 samples received by [illegible] on 2/11 at 17:30
Received by Analyst: 3 samples received by [illegible] on ____ at ____

SAMPLE ID	LITERS	Results	Ins/Blanks/Outs
CONCRETE-24-1		-1	
ASPHALT-25-1, 2		-2, 3	
	0 LITERS		BLANK
	0 LITERS		BLANK
	0 LITERS		BLANK

	ASBESTOS						LEAD					
	Units (each)	PCM NIOSH 7400	PLM Bulk	CARB 435 (400 Pt Ct) w/ prep	PLM Std Point Count 400	TEM AHERA	CARB AHERA 35-40 grid openings	CARB AHERA 10-15 grid openings	Units (each)	Flame AA	Wipes	
< 6 hours	1 to 9								1 to 9			< 6 hours
	10 to 40								10 to 40			
	>40								>40			
24 hours	1 to 9								1 to 9			24 hours
	10 to 40								10 to 40			
	>40								>40			
48 hours	1 to 9								1 to 9			48 hours
	10 to 40								10 to 40			
	>40								>40			
3 to 5 days	1 to 9								1 to 9			3 to 5 days
	10 to 40								10 to 40			
	>40								>40			
> 6 days	1 to 9								1 to 9			> 6 days
	10 to 40								10 to 40			
	>40								>40			

INSTRUCTIONS TO LAB (delete items not applicable AND circle items applicable):
1. ~~Pickup requested:~~
~~Contact:~~ _____
~~Time of Call~~ _____
2. ~~Call SCA's contact to acknowledge receipt of samples.~~
3. ~~Analyze samples by PCM only.~~
4. ~~Analyze inside samples by PCM first; if any sample >0.01 f/cc, contact SCA.~~
5. ~~If all samples are <0.01 f/cc, proceed with items 6, 7 or 8, as noted.~~
6. ~~Analyze inside samples only; stop if Avg >70 str/mm^2, contact SCA before analyzing outsides or blanks.~~
7. ~~Analyze all samples, including outside samples and blanks.~~
8. ~~Do NOT analyze outside or blank samples.~~
9. ~~Analyze by TEM only the inside air sample with the highest PCM result.~~
10. ~~Serial analysis; stop at first positive (> 1%); first trace (<0.1%), except sheetrock and plaster samples.~~
11. Analyze all bulk samples, unless otherwise indicated.

Report Number: BB21184
Invoice Number: BB21184

Supplies /Equipment	Qty
Hi-Vol (3040)	
Lo-Vol (3020)	
TEM / Pb cassettes (3520)	
PCM cassettes (3500)	
Bulk sampling supply (3710)	3

ver 2011

Appendix D

PCB & Lead Laboratory Results

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1502493

Report Created for: SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

Project Contact: Christina Codemo
Project P.O.:
Project Name: #F11578.02; Sky Londa

Project Received: 02/12/2015

Analytical Report reviewed & approved for release on 02/19/2015 by:

Question about your data?

Click here to email McCampbell

Angela Rydelius,
Laboratory Manager

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
NELAP: 4033ORELAP ♦ ELAP: 1644 ♦ ISO/IEC: 17025:2005 ♦ WSDE: C972-11 ♦ ADEC: UST-098 ♦ UCMR3

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: SCA Enviromental, Inc.
Project: #F11578.02; Sky Londa
WorkOrder: 1502493

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	SCA Enviromental, Inc.	**WorkOrder:**	1502493
Project:	#F11578.02; Sky Londa	**Extraction Method:**	SW3050B
Date Received:	2/12/15 20:02	**Analytical Method:**	SW6010B
Date Prepared:	2/12/15	**Unit:**	mg/Kg

Lead

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
RD-16	**1502493-001A**	**Solid/TOTAL**	**02/11/2015**	**ICP-JY**	**101135**

Analytes	Result	RL	DF	Date Analyzed
Lead	**140**	5.0	1	02/13/2015 15:02

Surrogates	REC (%)	Limits	
Tb 350.917	109	70-130	02/13/2015 15:02

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
BR-17	**1502493-002A**	**Solid/TOTAL**	**02/11/2015**	**ICP-JY**	**101135**

Analytes	Result	RL	DF	Date Analyzed
Lead	**7.7**	5.0	1	02/13/2015 15:05

Surrogates	REC (%)	Limits	
Tb 350.917	85	70-130	02/13/2015 15:05

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SV-22	**1502493-003A**	**Solid/TOTAL**	**02/11/2015**	**ICP-JY**	**101135**

Analytes	Result	RL	DF	Date Analyzed
Lead	**450**	7.4	1	02/13/2015 15:07

Surrogates	REC (%)	Limits	
Tb 350.917	106	70-130	02/13/2015 15:07

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
OW-23	**1502493-004A**	**Solid/TOTAL**	**02/11/2015**	**ICP-JY**	**101198**

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	5.0	1	02/13/2015 15:10

Surrogates	REC (%)	Limits	
Tb 350.917	79	70-130	02/13/2015 15:10

Analyst(s): DVH

(Cont.)

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Analytical Report

Client:	SCA Enviromental, Inc.	**WorkOrder:**	1502493
Project:	#F11578.02; Sky Londa	**Extraction Method:**	SW3050B
Date Received:	2/12/15 20:02	**Analytical Method:**	SW6010B
Date Prepared:	2/12/15	**Unit:**	mg/Kg

Lead

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
RD-11	**1502493-005A**	**Solid/TOTAL**	**02/11/2015**	**ICP-JY**	**101198**

Analytes	Result	RL	DF	Date Analyzed
Lead	**1100**	5.0	1	02/13/2015 15:12

Surrogates	REC (%)	Limits	
Tb 350.917	92	70-130	02/13/2015 15:12

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
BR-12	**1502493-006A**	**Solid/TOTAL**	**02/11/2015**	**ICP-JY**	**101198**

Analytes	Result	RL	DF	Date Analyzed
Lead	**18**	5.0	1	02/13/2015 15:15

Surrogates	REC (%)	Limits	
Tb 350.917	102	70-130	02/13/2015 15:15

Analyst(s): DVH

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
OW-16	**1502493-007A**	**Solid/TOTAL**	**02/11/2015**	**ICP-JY**	**101198**

Analytes	Result	RL	DF	Date Analyzed
Lead	ND	5.0	1	02/13/2015 15:17

Surrogates	REC (%)	Limits	
Tb 350.917	77	70-130	02/13/2015 15:17

Analyst(s): DVH

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Quality Control Report

Client:	SCA Enviromental, Inc.	**WorkOrder:**	1502493
Date Prepared:	2/11/15	**BatchID:**	101135
Date Analyzed:	2/13/15	**Extraction Method:**	SW3050B
Instrument:	ICP-JY	**Analytical Method:**	SW6010B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#F11578.02; Sky Londa	**Sample ID:**	MB/LCS-101135 1502318-017AMS/MSD

QC Summary Report for SW6010B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Lead	ND	52.6	5.0	50	-	105	75-125
Surrogate Recovery							
Tb 350.917	515	507		500	103	101	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	62.8	61.9	50	7.045	112	110	75-125	1.44	25
Surrogate Recovery									
Tb 350.917	559	515	500		112	103	70-130	8.15	20

(Cont.)

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Quality Control Report

Client:	SCA Enviromental, Inc.	**WorkOrder:**	1502493
Date Prepared:	2/12/15	**BatchID:**	101198
Date Analyzed:	2/13/15	**Extraction Method:**	SW3050B
Instrument:	ICP-JY	**Analytical Method:**	SW6010B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#F11578.02; Sky Londa	**Sample ID:**	MB/LCS-101198

QC Summary Report for SW6010B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Lead	ND	51.1	5.0	50	-	102	75-125
Surrogate Recovery							
Tb 350.917	515	510		500	103	102	70-130

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1502493 **ClientCode: SCAO**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Christina Codemo
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 645-6200 FAX: (510) 839- 6200

Email: ccodemo@sca-enviro.com
cc/3rd Party:
PO:
ProjectNo: #F11578.02; Sky Londa

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
emuise@sca-ic.com

Requested TAT: 5 days

Date Received: **02/12/2015**
Date Printed: **02/13/2015**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1502493-001	RD-16	Solid	2/11/2015	☐	A											
1502493-002	BR-17	Solid	2/11/2015	☐	A											
1502493-003	SV-22	Solid	2/11/2015	☐	A											
1502493-004	OW-23	Solid	2/11/2015	☐	A											
1502493-005	RD-11	Solid	2/11/2015	☐	A											
1502493-006	BR-12	Solid	2/11/2015	☐	A											
1502493-007	OW-16	Solid	2/11/2015	☐	A											

Test Legend:

1	PB_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: SCA ENVIROMENTAL, INC.
Project: #F11578.02; Sky Londa
Comments:

QC Level: LEVEL 2
Client Contact: Christina Codemo
Contact's Email: ccodemo@sca-enviro.com

Work Order: 1502493
Date Received: 2/12/2015

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1502493-001A	RD-16	Solid	SW6010B (Lead)	1	2oz Plastic Tub	☐	2/11/2015	5 days		☐	
1502493-002A	BR-17	Solid	SW6010B (Lead)	1	2oz Plastic Tub	☐	2/11/2015	5 days		☐	
1502493-003A	SV-22	Solid	SW6010B (Lead)	1	2oz Plastic Tub	☐	2/11/2015	5 days		☐	
1502493-004A	OW-23	Solid	SW6010B (Lead)	1	2oz Plastic Tub	☐	2/11/2015	5 days		☐	
1502493-005A	RD-11	Solid	SW6010B (Lead)	1	2oz Plastic Tub	☐	2/11/2015	5 days		☐	
1502493-006A	BR-12	Solid	SW6010B (Lead)	1	2oz Plastic Tub	☐	2/11/2015	5 days		☐	
1502493-007A	OW-16	Solid	SW6010B (Lead)	1	2oz Plastic Tub	☐	2/11/2015	5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1502493

SCA Environmental, Inc.

CHAIN OF CUSTODY FORM

Address	Tel	Fax
650 Delancey St. #222, SF, CA 94107	415-8821675	415-9620736
334 19th St, Oakland, CA 94612	510-6456200	415-9620736
5777 W. Century Blvd. #1055, LA, CA 90045	310-2580460	415-9620736

CALL/TXT with results: 415-378-4188 @messaging.sprintpcs.com

Email rpt / COC & invoice: tkelman @scaehs.com

Email Prj Mgr Name: Chuck Siu   Glenn Cass   Christina Codemo (circled)

Accounting Data:

EMAIL HEADING: (Project #) - (Project Manager Initials) - (Site Name/Address) - (Date MMDD)

F11578.02   CC   Sky Carda   0211

LAB McCampbell Analytical

COURIER Prep oakland ~~Abate~~

LAB REP NOTIFIED: —   Notification DATE/TIME: —

AIRBILL/FLIGHT NO.: —   Shipper REFERENCE I.D.: —

EST ARRIVAL DATE: —   EST. ARRIVAL TIME: —

Method Reference 7400 PCM   AHERA TEM   CARB-AHERA TEM 0.001 s/cc Detection Limit

PLM (asbestos)   Flame AA (Lead) (circled)

Sample Media 25 37 mm 0.45 0.8 micron   MCEF Bulk (circled) Water Wipe

RESULTS DUE: 5 Day ~~AM / PM~~

CHAIN OF CUSTODY DATA:

Sending Info 7 samples submitted by TK (SCA) on 2/11 at 430 P

Received by Lab: 7 samples received by [initials] on 2-12-15 at 1320

Received by Analyst: ____ samples received by [signature] on 2/12/15 at 1020

SAMPLE ID	LITERS	Results	Ins/Blanks/Outs
RD-16			
BR-17			
SU-22			
OW-23			
RD-11			
BR-12			
OW-16			
	0 LITERS		BLANK
	0 LITERS		BLANK
	0 LITERS		BLANK

Turnaround / analysis grid:

	LEAD	ASBESTOS
Analyses	Wipes; Flame AA; Units (each)	CARB AHERA 10-15 grid openings; CARB AHERA 35-40 grid openings; TEM AHERA; PLM Std Point Count 400; CARB 435 (400 Pt Ct) w/ prep; PLM Bulk; PCM NIOSH 7400; Units (each)
<6 hours	1 to 9 / 10 to 40 / >40	1 to 9 / 10 to 40 / >40
24 hours	1 to 9 / 10 to 40 / >40	1 to 9 / 10 to 40 / >40
48 hours	1 to 9 / 10 to 40 / >40	1 to 9 / 10 to 40 / >40
3 to 5 days	1 to 9 / 10 to 40 / >40	1 to 9 / 10 to 40 / >40
> 6 days	1 to 9 / 10 to 40 / >40	1 to 9 / 10 to 40 / >40

INSTRUCTIONS TO LAB (delete items not applicable AND circle items applicable):

1. ~~Pickup requested:~~
   ~~Contact:~~ ____
   ~~Time of Call:~~ ____
2. ~~Call SCA's contact to acknowledge receipt of samples.~~
3. ~~Analyze samples by PCM only.~~
4. ~~Analyze inside samples by PCM first, if any sample >0.01 f/cc, contact SCA.~~
5. ~~If all samples are <0.01 f/cc, proceed with items 6, 7 or 8, as noted.~~
6. ~~Analyze inside samples only, stop if Avg >70 str/mm^2, contact SCA before analyzing outsides or blanks.~~
7. ~~Analyze all samples, including outside samples and blanks.~~
8. ~~Do NOT analyze outside or blank samples.~~
9. ~~Analyze by TEM only the inside air sample with the highest PCM result.~~
10. ~~Serial analysis: stop at first positive (>1%), first trace (<0.1%),except sheetrock and plaster samples.~~
11. :____
11. Analyze all bulk samples, unless otherwise indicated. (circled)

Report Number:

Invoice Number:

Supplies /Equipment	Qty
Hi-Vol (3040)	
Lo-Vol (3020)	
TEM / Pb cassettes (3520)	
PCM cassettes (3500)	
Bulk sampling supply (3710)	7

ver 2011

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Sample Receipt Checklist

Client Name: **SCA Enviromental, Inc.** Date and Time Received: **2/12/2015 8:02:46 PM**

Project Name: **#F11578.02; Sky Londa** LogIn Reviewed by: Jena Alfaro

WorkOrder №: **1502493** Matrix: Solid Carrier: Bernie Cummins (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐
Chain of custody signed when relinquished and received?	Yes	☑	No	☐
Chain of custody agrees with sample labels?	Yes	☑	No	☐
Sample IDs noted by Client on COC?	Yes	☑	No	☐
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐
Sampler's name noted on COC?	Yes	☑	No	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	
Sample/Temp Blank temperature		Temp:			NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
Samples Received on Ice?	Yes	☐	No	☑	

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes	☐	No	☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.

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Analytical Report

WorkOrder: 1502491

Report Created for: SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612

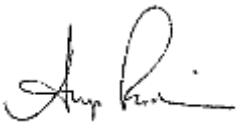
Project Contact: Christina Codemo
Project P.O.:
Project Name: #F11578.02; Sky Londa

Project Received: 02/12/2015

Analytical Report reviewed & approved for release on 02/19/2015 by:

Question about your data?

Click here to email McCampbell



Angela Rydelius,
Laboratory Manager

McCampbell Analytical, Inc.
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Glossary of Terms & Qualifier Definitions

Client: SCA Enviromental, Inc.
Project: #F11578.02; Sky Londa
WorkOrder: 1502491

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
TEQ	Toxicity Equivalence

Analytical Qualifiers

S	spike recovery outside accepted recovery limits
a1	sample diluted due to matrix interference
a4	reporting limits raised due to the sample's matrix prohibiting a full volume extraction.
c1	surrogate recovery outside of the control limits due to the dilution of the sample.
h4	sulfuric acid permanganate (EPA 3665) cleanup

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Analytical Report

Client:	SCA Enviromental, Inc.	**WorkOrder:**	1502491
Project:	#F11578.02; Sky Londa	**Extraction Method:**	SW3550B
Date Received:	2/12/15 19:49	**Analytical Method:**	SW8082
Date Prepared:	2/12/15	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
Caulk-21	**1502491-001A**	**Solid**	**02/11/2015**	**GC22**	**101189**

Analytes	Result	RL	DF	Date Analyzed
Aroclor1016	ND	0.50	1	02/19/2015 07:18
Aroclor1221	ND	0.50	1	02/19/2015 07:18
Aroclor1232	ND	0.50	1	02/19/2015 07:18
Aroclor1242	ND	0.50	1	02/19/2015 07:18
Aroclor1248	ND	0.50	1	02/19/2015 07:18
Aroclor1254	ND	0.50	1	02/19/2015 07:18
Aroclor1260	ND	0.50	1	02/19/2015 07:18
PCBs, total	ND	0.50	1	02/19/2015 07:18

Surrogates	REC (%)	Qualifiers	Limits	Analytical Comments: a1,a4,c1,h4
Decachlorobiphenyl	68	S	70-130	02/19/2015 07:18

Analyst(s): SS

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Analytical Report

Client:	SCA Enviromental, Inc.	**WorkOrder:**	1502491
Project:	#F11578.02; Sky Londa	**Extraction Method:**	SW3050B
Date Received:	2/12/15 19:49	**Analytical Method:**	SW6010B
Date Prepared:	2/12/15	**Unit:**	mg/Kg

Lead

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
Caulk-21	**1502491-001A**	**Solid/TOTAL**	**02/11/2015**	**ICP-JY**	**101135**

Analytes	Result	RL	DF	Date Analyzed
Lead	**25**	7.2	1	02/13/2015 15:20

Surrogates	REC (%)	Limits	
Tb 350.917	98	70-130	02/13/2015 15:20

Analyst(s): DVH

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	SCA Enviromental, Inc.	**WorkOrder:**	1502491
Date Prepared:	2/12/15	**BatchID:**	101189
Date Analyzed:	2/18/15	**Extraction Method:**	SW3550B
Instrument:	GC22	**Analytical Method:**	SW8082
Matrix:	Soil	**Unit:**	mg/kg
Project:	#F11578.02; Sky Londa	**Sample ID:**	MB/LCS-101189

QC Summary Report for SW8082

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Aroclor1016	ND	-	0.050	-	-	-	-
Aroclor1221	ND	-	0.050	-	-	-	-
Aroclor1232	ND	-	0.050	-	-	-	-
Aroclor1242	ND	-	0.050	-	-	-	-
Aroclor1248	ND	-	0.050	-	-	-	-
Aroclor1254	ND	-	0.050	-	-	-	-
Aroclor1260	ND	0.180	0.050	0.15	-	120	70-130
PCBs, total	ND	-	0.050	-	-	-	-
Surrogate Recovery							
Decachlorobiphenyl	0.0483	0.0467		0.050	97	93	70-130

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	SCA Enviromental, Inc.	**WorkOrder:**	1502491
Date Prepared:	2/11/15	**BatchID:**	101135
Date Analyzed:	2/13/15	**Extraction Method:**	SW3050B
Instrument:	ICP-JY	**Analytical Method:**	SW6010B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	#F11578.02; Sky Londa	**Sample ID:**	MB/LCS-101135 1502318-017AMS/MSD

QC Summary Report for SW6010B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Lead	ND	52.6	5.0	50	-	105	75-125
Surrogate Recovery							
Tb 350.917	515	507		500	103	101	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Lead	62.8	61.9	50	7.045	112	110	75-125	1.44	25
Surrogate Recovery									
Tb 350.917	559	515	500		112	103	70-130	8.15	20

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1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1502491 **ClientCode: SCAO**

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Report to:
Christina Codemo
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
(510) 645-6200 FAX: (510) 839- 6200

Email: ccodemo@sca-enviro.com
cc/3rd Party:
PO:
ProjectNo: #F11578.02; Sky Londa

Bill to:
Accounts Payable
SCA Enviromental, Inc.
334 19th Street
Oakland, CA 94612
emuise@sca-ic.com

Requested TAT: 5 days

Date Received: **02/12/2015**
Date Printed: **02/13/2015**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1502491-001	Caulk-21	Solid	2/11/2015	☐	A	A										

Test Legend:

1	8082_PCB_S	2	PB_S	3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: SCA ENVIROMENTAL, INC.
Project: #F11578.02; Sky Londa
Comments:

QC Level: LEVEL 2
Client Contact: Christina Codemo
Contact's Email: ccodemo@sca-enviro.com

Work Order: 1502491
Date Received: 2/12/2015

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1502491-001A	Caulk-21	Solid	SW6010B (Lead)	1	oz HDPE Tub	☐	2/11/2015	5 days		☐	
			SW8082 (PCBs Only)			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

IS02491

SCA Environmental, Inc.

CHAIN OF CUSTODY FORM

	Tel	Fax
650 Delancey St. #222, SF, CA 94107	415-8821675	415-9620736
334 19th St, Oakland, CA 94612	510-6456200	415-9620736
5777 W. Century Blvd, #1055, LA, CA 90045	310-2580460	415-9620736

CALL/TXT with results: 415-378-4188 @messaging.sprintpcs.com

Email rpt / COC & invoice: tkalman @scaehs.com

EMAIL HEADING: (Project #) - (Project Manager Initials) - (Site Name/Address) - (Date MMDD)

F11578.02 | CC | SKY Landa | 0211

Email Prj Mgr Name: Chuck Siu Glenn Cass (Christina Codemo — circled)

LAB McCampbell Analytical

Accounting Data:

COURIER Pickup in Oakland office

LAB REP NOTIFIED:	–	Notification DATE/TIME:	–
AIRBILL/FLIGHT NO.:	–	Shipper REFERENCE I.D.	–
EST ARRIVAL DATE:	–	EST. ARRIVAL TIME:	–

Method Reference 7400 PCM AHERA TEM CARB-AHERA TEM 0.001 s/cc Detection Limit

PLM (asbestos) (Flame AA (Lead) — circled) (PCB — handwritten, circled)

Sample Media 25 37 mm 0.45 0.8 micron MCEF (Bulk — circled) Water Wipe

RESULTS DUE: 5 Days ~~AM / PM~~

CHAIN OF CUSTODY DATA:

Sending Info	1 samples submitted by TK	(SCA) on 2/11	at 430 P
Received by Lab:	1 samples received by [initials]	on 2-12-15	at 1320
Received by Analyst:	samples received by [signature]	on 2/12/15	at 1640

SAMPLE ID	LITERS	Results	Ins/Blanks/Outs
~~[struck]~~			
CAULK-21			
	0 LITERS		BLANK
	0 LITERS		BLANK
	0 LITERS		BLANK

Turnaround	Units (each)	Wipes	Flame AA	LEAD	CARB AHERA 10-15 grid openings	CARB AHERA 35-40 grid openings	TEM AHERA	PLM Std Point Count 400	CARB 435 (400 Pt Ct) w/ prep	PLM Bulk	PCM NIOSH 7400	Units (each)	ASBESTOS
<6 hours	1 to 9											1 to 9	<6 hours
	10 to 40											10 to 40	
	>40											>40	
24 hours	1 to 9											1 to 9	24 hours
	10 to 40											10 to 40	
	>40											>40	
48 hours	1 to 9											1 to 9	48 hours
	10 to 40											10 to 40	
	>40											>40	
3 to 5 days	1 to 9											1 to 9	3 to 5 days
	10 to 40											10 to 40	
	>40											>40	
>6 days	1 to 9											1 to 9	>6 days
	10 to 40											10 to 40	
	>40											>40	

INSTRUCTIONS TO LAB (delete items not applicable AND circle items applicable):

1. ~~Pickup requested.~~
   ~~Contact:~~
   ~~Time of Call:~~
2. ~~Call SCA's contact to acknowledge receipt of samples.~~
3. ~~Analyze samples by PCM only.~~
4. ~~Analyze inside samples by PCM first; if any sample >0.01 f/cc, contact SCA.~~
5. ~~If all samples are <0.01 f/cc, proceed with items 6, 7 or 8, as noted.~~
6. ~~Analyze inside samples only, stop if Avg >70 str/mm^2, contact SCA before analyzing outsides or blanks.~~
7. ~~Analyze all samples, including outside samples and blanks.~~
8. ~~Do NOT analyze outside or blank samples.~~
9. ~~Analyze by TEM only the inside air sample with the highest PCM result.~~
10. ~~Serial analysis; stop at first positive (>1%); first trace (<0.1%),except sheetrock and plaster samples.~~
11. ~~Analyze all bulk samples, unless otherwise indicated.~~

(11): Please analyze for lead and PCB

Report Number:

Invoice Number:

Supplies /Equipment	Qty
Hi-Vol (3040)	
Lo-Vol (3020)	
TEM / Pb cassettes (3520)	
PCM cassettes (3500)	
Bulk sampling supply (3710)	1

ver 2011

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Sample Receipt Checklist

Client Name: **SCA Enviromental, Inc.**
Date and Time Received: **2/12/2015 7:49:17 PM**

Project Name: **#F11578.02; Sky Londa**
LogIn Reviewed by: Jena Alfaro

WorkOrder №: **1502491** Matrix: Solid
Carrier: Bernie Cummins (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Sample/Temp Blank temperature	Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☐	No ☑	

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Comments: