APPENDIX D

HB&T ENVIRONMENTAL INC.

November 4, 1998
job #2848.98

Mr. Kevin Brown
GEOCON
11375 Sunrise Park Drive, Suite 100
Rancho Cordova, CA 95742

REF: Asbestos Survey results for the:
San Francisco Bay Bridge
Administration Building
and
Warehouse/Maintenance
Building

Dear Mr. Brown:

Per your request, HB&T Environmental, Inc. undertook an Asbestos Survey at the above referenced location on October 6, 1998. The purpose of this survey was to ascertain the existence of any Asbestos-Containing Building Materials (ACBMs) that may be in the area prior to any planned demolition activities.

During the course of the survey a total of 171 (one hundred and seventy one) bulk samples were taken of suspect ACBMs. All samples taken were catalogued on site and were then delivered to Western Analytical Laboratory for analysis by Polarized Light Microscopy. The subsequent analysis of these samples showed Asbestos present in 50 (fifty) of the samples. (See included laboratory report #4014)

Listed by location and sample number in the following tables is the relevant information for each Asbestos-containing sample noted in the laboratory report.

Legend:

TSI: **Thermal System Insulation**
RACM: **Regulated Asbestos Containing Material**

Sample Number	Type of Material Sampled	Location of Material	Percentage of Abestos Content	Present Condition of Material
12-B	Elbow Mud TSI	Administration building, Basement, Sub-station #5, South West corner	5% Chrysotile	Good, Non-Friable, RACM
13-B	Elbow Mud TSI	Administration building, Basement, Sub Station #5, West side	5% Chrysotile	Good, Non-Friable, RACM
14-B	Elbow Mud TSI	Administration building, Basement, Sub-station #5, Northwest corner	5% Chrysotile	Good, Non-Friable, RACM
21-B	Corrugated metal siding, black coating	Warehouse/Maintenance building, exterior, West side	20% Chrysotile	Good, Non-Friable, Category II
22-B	Corrugated metal siding, black coating	Warehouse/Maintenance building, exterior, East side	20% Chrysotile	Good, Non-Friable, Category II
23-B	Green, 12"x12" Floor Tile	Warehouse/Maintenance building, Tow ready room	>1% Chrysotile	Fair, Non-Friable, Category I
24-B	Tan 12"x12" Floor Tile	Warehouse/Maintenance, Tow ready room	>1% Chrysotile	Fair, Non-Friable, Category I
25-B	Green 9"x9" Floor Tile	Warehouse/Maintenance building, middle of Main Hallway	>1% Chrysotile	Good, Non-Friable, Category I
26-B	Green 9"x9" Floor Tile	Warehouse/Maintenance building, East end of Main hallway	>1% Chrysotile	Good, Non-Friable, Category I
27-B	Green 9"x9" Floor Tile	Warehouse/Maintenance building, West end of Main Hallway	>1% Chrysotile	Good, Non-Friable, Category I
28-B	Gray 9"x9" Floor Tile	Warehouse/Maintenance building, West end of Main Hallway	>1% Chrysotile	Good, Non-Friable, Category I

Sample Number	Type of Material Sampled	Location of Material	Percentage of Abestos Content	Present Condition of Material
29-B	Green 9"x9" Floor Tile and Black Mastic	Warehouse/Maintenance building, Special Crews Office, East side	Floor Tile: >1% Chrysotile Mastic: 1-2% Chrysotile	Good, Non-Friable, Category I
30-B	Green, 9"x9" Floor Tile and Black Mastic	Warehouse/Maintenance building, Special Crews Office, West side	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Good, Non-Friable, Category I
34-B	Gray 9"x9" Floor Tile and Black Mastic	Warehouse/Maintenance building, Electrical Equipment Closet in Tower	Floor Tile: >1% Chrysotile Mastic: 5% Chrysotile	Good, Non-Friable, Category I
38-B	White Pipe Insulation, TSI	Warehouse/Maintenance building, Tow Storage room	15% Chrysotile 15% Amosite	Good, Non-Friable, RACM
40-B	White Pipe Insulation, 2" line, TSI	Warehouse/Maintenance building, West end of Hallway Attic	15% Chrysotile 15% Amosite	Fair, Non-Friable, RACM
41-B	White Pipe Insulation 3" line (TSI)	Warehouse/ Maintenance building, West end of Hallway Attic	15% Chrysotile 15% Amosite	Fair, Non-Friable, RACM
42-B	White debris on top duct	Warehouse/ Maintenance building, West end of Hallway Attic	15% Chrysotile 15% Amosite	Poor, Friable, RACM
43-B	Gray 9"x9" Floor Tile and Black Mastic	Warehouse/Maintenance building, Tow Office Bathroom	Floor Tile: >1% Mastic: 6%	Good, Non-Friable, Category I
51-B	Block Insulation, TSI	Warehouse/Maintenance building, Boiler Room, Boiler #1	15% Chrysotile 15% Amosite 2% Crocidolite	Fair, Non-Friable, RACM
52-B	Black Insulation, TSI	Warehouse/Maintenance building, Boiler Room, Boiler #2	15% Chrysotile 15% Amosite	Fair, Non-Friable, RACM
54-B	Pipe Insulation, TSI	Warehouse/Maintenance building, Boiler Room, high temperature Hot Water line	5% Chrysotile 20% Amosite	Fair, Non-Friable, RACM
55-B	Pipe Insulation, (TSI)	Warehouse/Maintenance building, Boiler room, East side	15% Chrysotile 15% Amosite 5% Crocidolite	Fair, Non-Friable, RACM

Sample Number	Type of Material Sampled	Location of Material	Percentage of Abestos Content	Present Condition of Material
56-B	Block Insulation, TSI	Warehouse/Maintenance building, Boiler Room, Ducting	40% Chrysotile 20% Amosite 10% Crocidolite	Fair, Non-Friable, RACM
57-B	Duct Expansion Joint Cloth	Warehouse/Maintenance building, Boiler room, West side	80% Chrysotile	Fair, Non-Friable, Category II
68-B	Red 12"x12" Floor Tile	Warehouse/Maintenance building, M-202 Janitors closet	>1% Chrysotile	Good, Non-Friable, Category I
70-B	Green 9"x9" Floor Tile and Black Mastic	Warehouse/Maintenance building, East end, 2nd floor	Floor Tile: >1% Chrysotile Mastic: 1-2% Chrysotile	Fair, Non-Friable, Category I
72-B	Green, 9"x9" Floor Tile and Black Mastic	Administration building, West entrance	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Good, Non-Friable, Category I
73-B	Green, 9"x9" Floor Tile and Black Mastic	Administration building, center of East-West Hallway, 1st Floor	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Good, Non-Friable, Category I
74-B	Green, 9"x9" Floor Tile and Black Mastic	Administration building, East end of 1st floor hallway	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Good, Non-Friable, Category I
82-B	Gray, 9"x9" Floor Tile	Administration building, 1st Floor, East/West Hallway	>1% Chrysotile	Good, Non-Friable, Category I
83-B	Gray, 9"x9" Floor Tile	Administration Building, 1st Floor, Room A-1108	>1% Chrysotile	Good, Non-Friable, Category I
84-B	Green 9"x9" Floor Tile and Mastic	Administration Building, Room A-114	Floor Tile: >1% Chrysotile Mastic: 1-2% Chrysotile	Good, Non-Friable, Category I
99-B	White, 9"x9" Floor Tile and Mastic	Administration Building, Cashier's Office	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Good, Non-Friable, Category I

Sample Number	Type of Material Sampled	Location of Material	Percentage of Abestos Content	Present Condition of Material
100-B	White 9"x9" Floor Tile and Mastic	Administration Building, Hallway to Cashier's Office	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Good, Non-Friable, Category I
101-B	Dark Red 12"x12" Floor Tile	Administration Building, 1st Floor Hall, East entrance	>1% Chrysotile	Good, Non-Friable, Category I
102-B	Gray, 12"x12" Floor Tile	Administration Building, 1st Floor Hall, East entrance	>1% Chrysotile	Good, Non-Friable, Category I
106-B	White 12"x12" Floor Tile	Administration building, outside Supervisor's Lunch Room	>1% Chrysotile	Good, Non-Friable, Category I
112-B	Insulation on Pump Housing (TSI)	Administration Building, Roof, East end, Chill Waterpump #1	5% Chrysotile	Poor, Friable, RACM
113-B	Silver and Black Roof Curbing Material	Administration Building, Roof, East end, North East corner Mechanical Deck	8% Chrysotile	Good, Non-Friable, Category I
116-B	Silver and Black Roofing Material	Administration Building Roof, East end by Flag Pole	7% Chrysotile	Good, Non - Friable, Category I
117-B	Silver and Black Roof Curbing material	Administration Building Roof, West end by AC-4	15% Chrysotile	Good, Non-Friable, Category I
119-B	Gray, 9"x9" Floor Tile	Administration Building, 2nd Floor, West end, Janitor Closet	>1% Chrysotile	Good, Non-Friable, Category I
120-B	Gray, 9"x9" Floor Tile	Administration Building, 2nd Floor, West end by Room #211	>1% Chrysotile	Good, Non-Friable, Category I
123-B	White 9"x9" Floor Tile and Mastic	Administration Building, 1st Floor, Cashier's Office	Floor Tile: >1% Chrysotile Mastic: 5% Chrysotile	Fair, Non-Friable, Category I
124-B	Gray 9"x9" Floor Tile and Mastic	Administration Building, 1st Floor, Project and Inspection Area	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Fair, Non-Friable, Category I

Sample Number	Type of Material Sampled	Location of Material	Percentage of Abestos Content	Present Condition of Material
131-B	Gray, 9"x9" Floor Tile and Mastic	Administration Building, 1st Floor, Room 1157	Floor Tile: >1% Chrysotile Mastic: 5% Chrysotile	Good, Non-Friable, Category I
132-B	Green, 9"x9" Floor Tile and Mastic	Administration Building, 2nd Floor, toll Bridge Maintenance Manager's Office	Floor Tile: >1% Chrysotile Mastic: 5% Chrysotile	Good, Non-Friable, Category I
138-B	Green, 9"x9" Floor Tile and Mastic	Administration Building, 2nd Floor, Sr. Engineer, Maintenance Operations	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Good, Non-Friable, Category I
139-B	Gray 9"x9" Floor Tile and Mastic	Administration Building, 1st Floor Middle of Hallway	Floor Tile: >1% Chrysotile Mastic: 3% Chrysotile	Good, Non-Friable, Category I

Warehouse / Maintenance Building
Estimated Quantities of ACM

Sample Number	Type of Material sampled	Square footage
21-B & 22-B	Coated corrugated Metal Siding	19,000
23-B & 24-B	Green, 12"x12" Floor Tile and Tan 12"x12" Floor Tile	312
25-B, 26-B, 27-B, 28-B, 29-B, 30-B, 34-B, 43-B & 70-B	Green, 9"x9" Floor Tile and Mastic / Gray 9"x9" Floor Tile and Mastic	3,628
68-B	Red 12"x12" Floor Tile	25
38-B, 40-B, 41-B, 42-B, 54-B & 55-B	Pipe Insulation (TSI)	*286 Lineal Feet* and 2 Square feet of debris
51-B & 52-B	Block Insulation on Boilers (TSI)	345
56-B	Duct Insulation (TSI)	95
57-B	Duct Expansion Joint Cloth	9

Administration Building
Estimated Quantities of ACM

Sample Numbers	Type of Material sampled	Square Footage
72-B, 73-B, 74-B, 82-B, 83-B, 84-B, 119-B, 112-B, 124-B, 131-B, 132-B, 138-B & 139-B	Green, 9"x9" Floor Tile and Mastic / Gray 9"x9" Floor Tile and Mastic	15,855
99-B, 100-B & 123-B	White 9"x9" Floor Tile and Mastic	1,796
101-B & 102-B	Dark Red, 12"x12" Floor Tile and Gray 12"x12" Floor Tile	174
106-B	White 12"x12" Floor Tile	60
12-B, 13-B & 14-B	Pipe Fittings (TSI)	*49 Fittings*
112-B	Pump Housing Insulation (TSI)	*3 Lineal Feet*
113-B, 116-B & 117-B	Silver and Black Roofing / Curbing material	8,500

SUMMARY:

The ACBMs noted in this survey consist of the following:

1. (TSI) Thermal System Insulation
2. Floor Tile and Mastic
3. Coated corrugated Metal Siding
4. Silver and Black Roofing materials
5. Duct Expansion Joint Cloth

Notes: Confined spaces were not accessed in this survey. Previous survey reports were not available for incorporation into this report.

Prior to any planned demolition activities that may disturb these materials, they must first be properly removed and disposed of by a licensed and certified Asbestos Abatement Contractor. Upon your request, HB&T Environmental, Inc. can provide Project Management Services that would monitor for the removal and disposal of these ACBMs.

This survey was conducted in conformance with generally accepted standards of practice for identifying and evaluating ACM (Asbestos-Containing Material) in buildings.

HB&T Environmental uses only qualified professionals and laboratories to perform Asbestos surveys and sample analysis. However, HB&T Environmental cannot warrant that the building does not contain ACM in locations other than those identified in this report.

If you have any questions regarding this report, please feel free to call.

Sincerely,

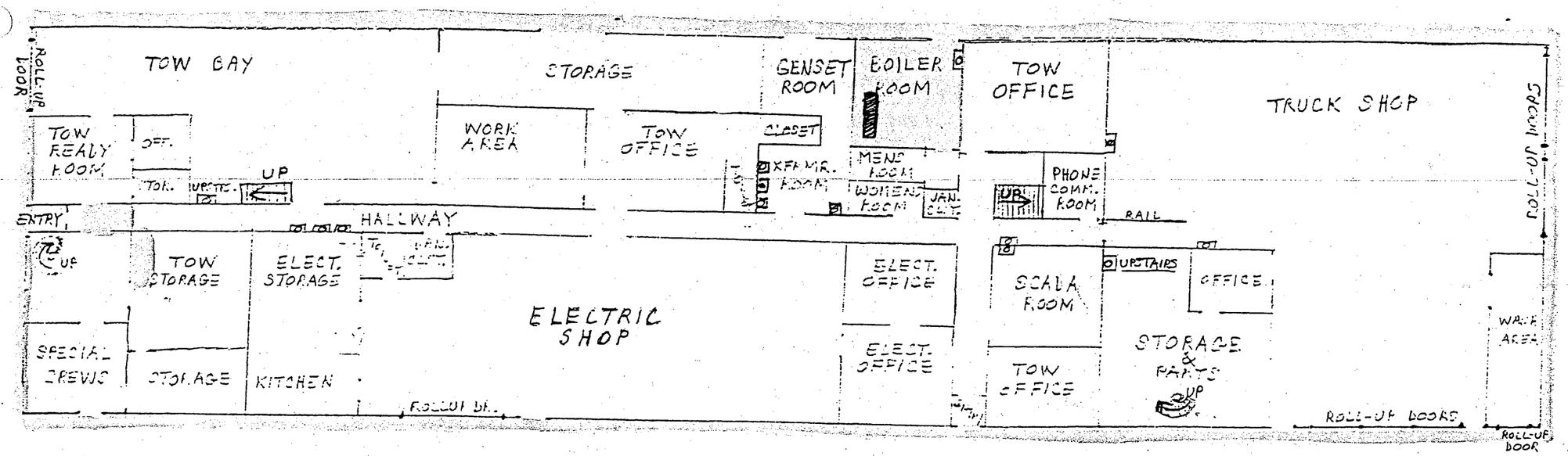
Timothy C. Hoppe

Timothy C. Hoppe
CAC No. 92-0106
DHS Lead Interim Certified

TCH:cam

enclosures

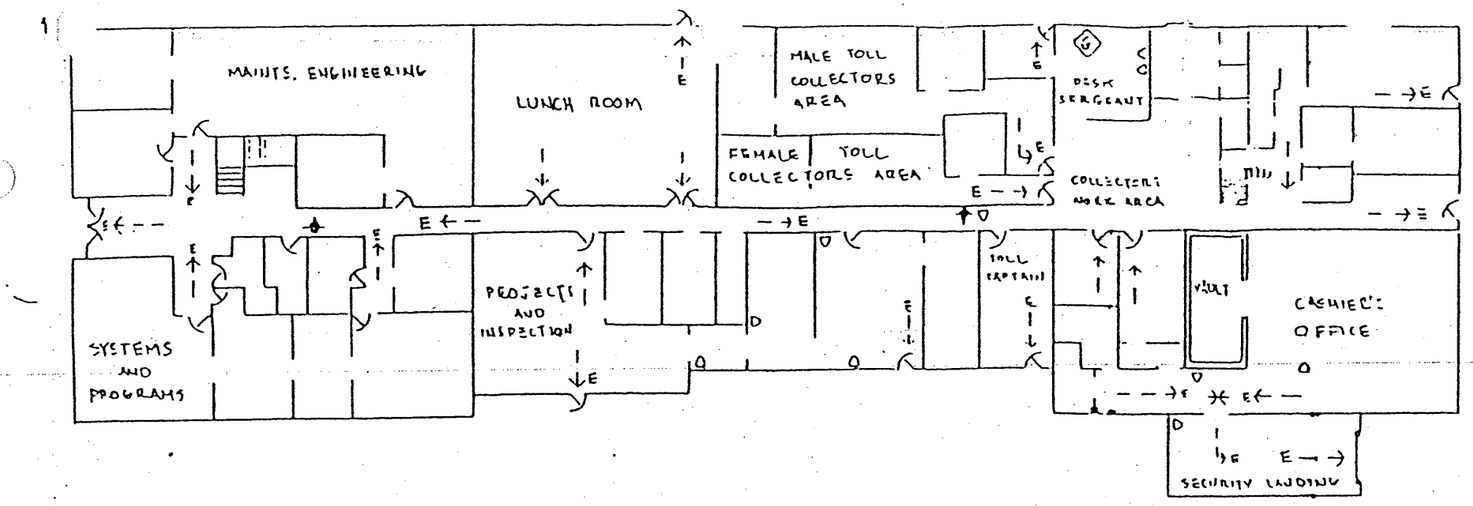
Warehouse/Maintenance Building
Rough sketch

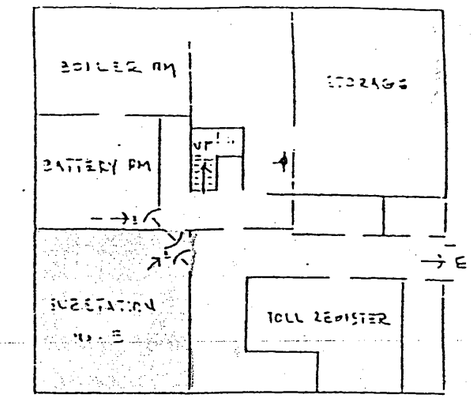


ACM

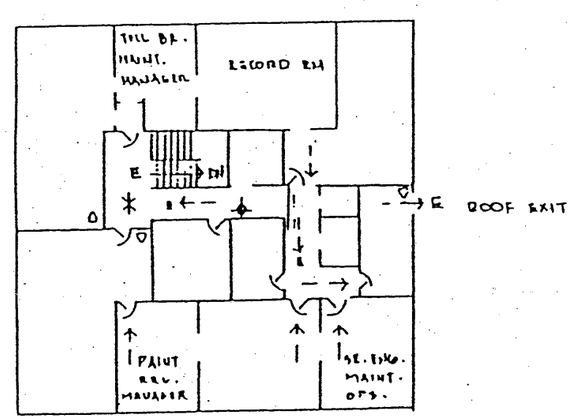
- Floor Tile and Mastic
- (TSI) Thermal System Insulation
- Coated Corrugated Metal Siding
- Duct Expansion Jointcloth

Warehouse ACBM map – First floor

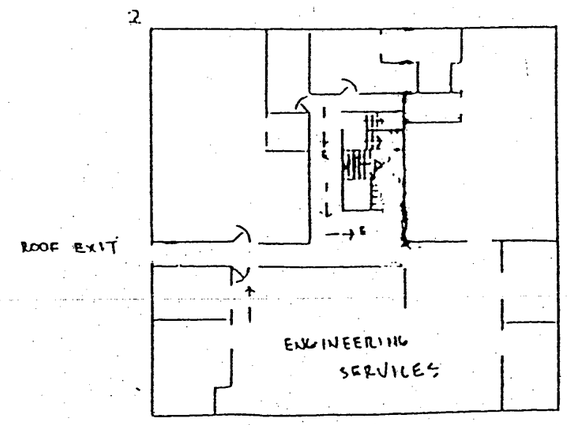




BASEMENT (EAST END)



2ND FLOOR (WEST END)



2ND FLOOR (EAST END)

Admin. Bldg — Basement, 1st & 2nd Floor

B 12

ADMINISTRATION BUILDING

Rough Sketch

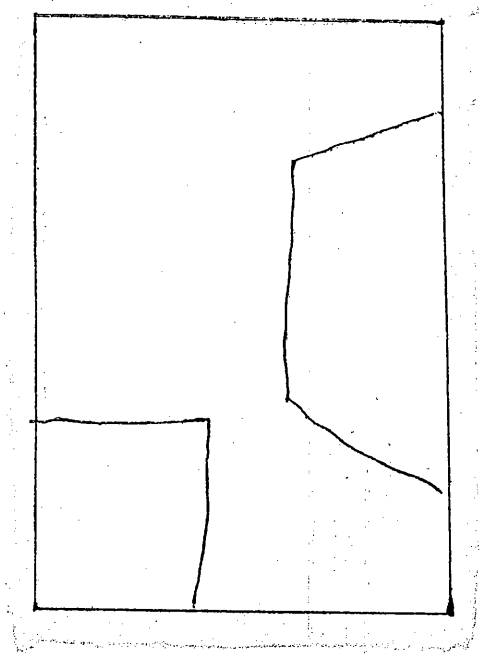
N

Floor Tile and Mastic

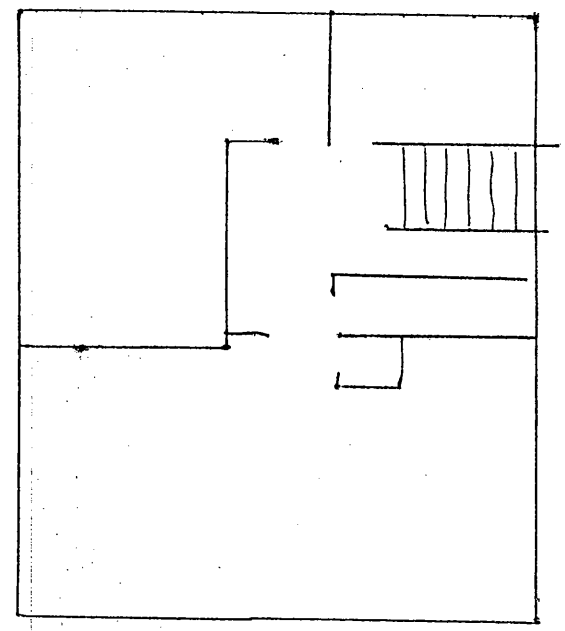
(TSI) Thermal System Insulation

Warehouse/Maintenance Building
Rough Sketch

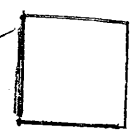
Tower



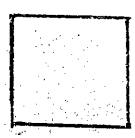
East End 2nd floor



ACM



Floortile and Mastic



Coated Corrugated Metal Siding

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

SUBMITTAL FORM

Sample Collection Information:

Project Number 2848.98 Date of Collection 10-6-98 P.O. No.

Project Name Bay Bridge Administration + Maintenance ~~Building Cal Trans~~ Cal Trans Buildings

Customer Information:

Company Name HB&T Environmental, Inc.

Address 1400 S Street, Suite 102
Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-4966

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
1-B	Basement eastend	Heat tape on duct	
2-B	Basement Lab 1019	White 12"x12" floortile	
3-B	" "	" "	
4-B	" "	" "	
5-B	" "	Green floor tile	
6-B	" "	" "	
7-B	" "	" "	
8-B	Toll register room	Basecove mastic White	
9-B	" "	Gray 12"x12" floortile	
10-B	" "	" "	
11-B	" "	" "	
12-B	Sub Station #5 Basement S.W. Corner	Elbow Mud (TSI)	
13-B	" " West Side	" "	
14-B	" " N.W. Corner	" "	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00 pm	Tim Hoppe	Mike [illegible]	10-12-98 10:00 AM

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

NVLAP

SUBMITTAL FORM

Sample Collection Information:

Project Number 2848.98 Date of Collection 10-6-98 P.O. No.

Project Name Bay Bridge Administration & Maintenance Cal Trans Buildings

Customer Information:

Company Name HB&T Environmental, Inc.

Address 1400 S Street, Suite 102

Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-4256

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
15-B	Sub Station #5 basement S.W. corner	2 coat ceiling plaster	
16-B	" " N. Side	" "	
17-B	" " S.E. Corner	" "	
18-B	Basement Hallway wall	Surfacing material over brick	
19-B	Basement Stairwell wall	2 coat plaster	
20-B	" "	" "	
21-B	exterior metal Siding W. Side	black coating	
22-B	" " E. Side	" "	
23-B	Tow Ready room	Green 12"x12" floortile	
24-B	" "	Tan 12"x12" floortile	
25-B	Middle Main hallway Maint. Bldg.	Green 9"x9" floortile	
26-B	" " E.	" "	
27-B	" " W.	" "	
28-B	Main hallway Maint. Bldg. Westend	Gray 9"x9" floortile	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00 pm	Tim Hoppe	Mike	10-12-98

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

SUBMITTAL FORM

Sample Collection Information:

Project Number 2848.98 Date of Collection 10-6-98 P.O. No.

Project Name Bay Bridge Administration & Maintenance Cal Trans Buildings

Customer Information:

Company Name HEAT Environmental, Inc.

Address 1400 S Street, Suite 100
Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-4066

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
29-B	Special Crews east Side	Green 9"x9" floortile & black mastic	
~~30-B~~	~~Main hallway Maint Bldg~~	~~base cove & mastic~~	
30-B	" " west Side	"	"
31-B	Main hallway Maint. Bldg. W.	base cove & mastic	
32-B	" " Middle	" "	
33-B	Tow ready room	Sheetrock	
34-B	Tower electrical equipment closet	Gray 9"x9" floortile & black mastic	
35-B	Tower westend of Maint Bldg.	Tan 12"x12" floortile	
36-B	" "	Gray 12"x12" floortile & mastic	
37-B	" "	2'x4' ceiling tile	
38-B	Tow storage room	White pipe Insulation (TSI)	
39-B	~~Mechanical room~~ Work area	12"x12" floortile & brown mastic	
40-B	Westend of hallway attic	White pipe Insulation (TSI)	2"
41-B	" "	" "	3"

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00pm	Tim Hoppe	Mike M.	10-12-98

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

NVLAP

SUBMITTAL FORM

Sample Collection Information:

Project Number 2848.98 Date of Collection 10-6-98 P.O. No.

Project Name Bay Bridge Administration & Maintenance Cal Trans Buildings

Customer Information:

Company Name HB&T Environmental, Inc.

Address 1400 S Street, Suite 102
Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-4766

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
42-B	" "	White debri on top of duct	
43-B	Tow office bathroom	Gray 9"x9" floortile & black mastic	
44-B	Tow office closet	Sheetrock	
45-B	Tow office	Wall heater element	
46-B	GenSet Room	exhaust manifold Insulation (TSI)	
47-B	GenSet Room	exhaust manifold gasket	
48-B	GenSet Room	structural fireproofing	
49-B	Storage & Parts	White 2'x4' drop ceiling tile	
50-B	Storage & Parts office	off white 12"x12" floortile & brown mastic	
51-B	Boiler Room, Boiler #1	Block Insulation (TSI)	
52-B	Boiler Room, Boiler #2	Block Insulation (TSI)	
53-B	Boiler Room, Boiler #1	Pipe Insulation (TSI)	
54-B	Boiler Room, high temp hot Water Line	Pipe Insulation (TSI)	
55-B	Boiler Room, East Side	Pipe Insulation (TSI)	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00 pm	Tim Hoppe	[illegible]	10-12-98

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

NVLAP

SUBMITTAL FORM

Sample Collection Information:

Project Number 2848.98 Date of Collection 10-6-98 P.O. No.

Project Name Bay Bridge Administration & Maintenance Cal Trans Buildings

Customer Information:

Company Name HE&T Environmental, Inc.

Address 1400 S Street, Suite 102
Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-0766

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
56-B	Boiler Room	Duct Insulation (TSI)	
57-B	Boiler Room	Expansion joint cloth on Duct	
58-B	Eastend of Maint. Bldg.	12"X12" ceiling tile mastic	
59-B	Bathroom eastend of Maint. Bldg.	12"X12" ceiling tile mastic	
60-B	Tower Westend of Maint. Bldg.	12"X12" ceiling tile mastic	
61-B	East end of Maint. Bldg.	Base cove and brown mastic	
62-B	East end of Maint. Bldg. Tow office	Base cove & brown mastic	
63-B	SCADA Room	white 12"X12" ceiling tile	
64-B	Maint Bldg. M-206	beige 9"X9" floortile & black mastic	
65-B	" "	brown 12"X12" ceiling tile mastic	
66-B	" "	Ceiling Surfacing material	
67-B	" "	2 coat wall plaster	
68-B	Maint Bldg. M-202 Janitors closet	Red 12"X12" floortile	
69-B	Maint. Bldg. M-202	Gray 12"X12" floortile and yellow mastic	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00 pm	Tim Hoppe	Mike M	10-12-98

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

NVLAP

SUBMITTAL FORM

Sample Collection Information:

Project Number 2848.98 Date of Collection 10-7-98 P.O. No.

Project Name Bay Bridge Administration & Maintenance Cal Trans Buildings

Customer Information:

Company Name HBET Environmental, Inc.

Address 1400 S Street, Suite 102
Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-0766

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
70-B	Maint Bldg. East end 2nd floor	Green 9"x9" floortile & black mastic	
71-B	Maint. Bldg. roof west end	Composition roofing	
72-B	Admin. Bldg west ENTRANCE	Green 9x9 floor Tile & mastic	
73-B	Admin. Bldg EAST/WEST 1st fl. hallway (middle)	Green 9x9 floor Tile & mastic	
74-B	Admin Bldg. 1st fl. hallway EAST end	Green 9x9 floor Tile & mastic	
75-B	Admin Bldg WEST ENTRANCE Telephone booth	Black cove base & mastic	
76-B	Admin. Bldg WEST END janitor closet	Two coat plaster	
77-B	Admin. Bldg Rm. 1132	Two coat plaster	
78-B	Admin. Bldg. TOC utility room 1st fl.	Brown ceiling tile mastic	
79-B	Admin. Bldg. WEST ENTRANCE E/W hallway	Brown ceiling tile mastic	
80-B	Admin Bldg. EAST END E/W hallway	Brown ceiling tile mastic	
81-B	Admin Bldg 1st floor lunch room	Two coat plaster	
82-B	Admin Bldg 1st floor EAST/WEST hallway	Grey 9x9 floor tile & mastic	
83-B	Admin Bldg 1st floor room A-~~HBB~~ 1108	Grey 9x9 floor tile & mastic	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00 pm	Tim Hoppe	Mike M.	10-12-98

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

NVLAP

SUBMITTAL FORM

Sample Collection Information:

Project Number 2848.98 Date of Collection 10-7-98 P.O. No.

Project Name Bay Bridge Administration + Maintenance Cal Trans Buildings

Customer Information:

Company Name HB&T Environmental, Inc.

Address 1400 S Street, Suite 102
Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-4250

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
84-B	Admin Bldg. Room A-114	Green 9x9 Floor Tile + MASTIC	
85-B	Admin Bldg. 1st Floor E/W Hallway	White BASE Cove + MASTIC	
86-B	Admin Bldg North Entrance 1st Floor Lunch Room	Grey 12X12 Floor Tile	
87-B	Admin Bldg. S/W Entrance 1st Floor Lunch Room	Grey 12X12 Floor Tile	
88-B	Admin Bldg. Lunch Room	White Basecove MASTIC	
89-B	Admin Bldg. 1st. Fl. Rm. 1131	Sheetrock Core	
90-B	Admin Bldg. Room 1157	Two Coat Plaster	
91-B	Admin Bldg South Side RM 1157	Two Coat Plaster	
92-B	Admin Bldg Room 1157 West Wall	Brown MASTIC	
93-B	Admin. Bldg. Desk Sergeant Station	Gray 12X12 Floor Tile	
94-B	Admin Bldg. Men Locker Room #1150	12X12 Ceiling Tile	
95-B	Admin Bldg. Women Lockers Room #1144	12X12 Ceiling Tile	
96-B	Admin Bldg Men Lockers Room #1150	Sheetrock Core	
97-B	Admin Bldg Women Locker Room #1144	Sheetrock Core	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00pm	Tim Hoppe	Mike M.	10-12-98

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

NVLAP

SUBMITTAL FORM

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Company Name HB&T Environmental, Inc.

Address 1400 S Street, Suite 102
Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-4088

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
98-B	Admin Bldg. Security Landing	Sheetrock/Joint Compound	
99-B	Admin Bldg Cashier's office	White 9x9 Floor Tile & Mastic	
100-B	Admin Bldg Hallway to Cashiers office	White 9x9 Floor Tile & Mastic	
101-B	Admin Bldg East Entrance 1st Fl. Hall	Dark Red 12x12 Floor Tile & Mastic	
102-B	Admin Bldg East Entrance 1st Fl. Hall	Grey 12x12 Floor Tile	
103-B	Admin Bldg East Entrance 1st Fl. Hall	Brown Wall Covering	
104-B	Admin Bldg. East End Bldg 1st Fl. Supervisor lunch room	Brown Floor Covering	
105-B	Admin Bldg. East End Bldg. Supt. lunch Room	Brown Base Cove & Mastic	
106-B	Admin Bldg Outside Supervisor lunch Room	White 12x12 Floor Tile & Mastic	
107-B	Admin Bldg Room # 1182	Brown wall mastic	
108-B	Admin Bldg Room #1182	Two coat plaster	
109-B	Admin Bldg. Roof East End Mech. Area	TSI on AC-2	
110-B	Admin Bldg Roof East End Mech. Area	Foundation material	
111-B	Admin Bldg Roof East End Mech Area	Heat-Tape on Duct	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00 pm	Tim Hoppe	Mike M.	10-12-98

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

NVLAP

SUBMITTAL FORM

Sample Collection Information:

Project Number: 2848.98 Date of Collection: 10-7-98 P.O. No.

Project Name: Bay Bridge Administration & Maintenance Cal Trans Buildings

Customer Information:

Company Name: HS&T Environmental, Inc.

Address: 1400 S Street, Suite 102
Sacramento, CA 95814

Contact: Tim Hoppe Phone (916) 445-0406 Fax (916) 445-4756

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
112-B	Roof East End Admin bldg. chill water Pump #1	TSI on Pump Housing	
113-B	Roof East End Admin bldg N/E corner Mech. Dock.	Silver & Black Curbing Material	
114-B	Roof East End Admin bldg. N/E corner Mech. Dock	Built up Roofing Material	
115-B	Roof East End Admin bldg by AC-3	Built up Roofing core	
116-B	Roof East End Admin bldg by flag pole	Silver & black Roofing Material	
117-B	Roof West End Admin bldg By AC-4	Silver & black curbing Material	
118-B	Roof West End Admin. bldg. by AC-4	Built up Roofing Material	
119-B	West End 2nd Floor Janitor Admin bldg closet	Grey 9x9 floortile & mastic	
120-B	West end 2nd floor Admin bldg by Room #211	Grey 9x9 floortile & mastic	
121-B	2nd floor west end. Admin bldg. Janitor closet	Two coat plaster	
122-B	2nd floor east Admin bldg end Eng. Services	Brown floor covering	
123-B	admin bldg, 1st floor cashiers office	White 9x9 floortile & mastic	
124-B	admin bldg, 1st floor project & Inspection	Grey 9x9 floortile & mastic	
125-B	admin bldg, 1st floor project & Inspection	Brown ceiling tile glue	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98	Tim Hoppe	[illegible]	10-12-98
4:00 pm			10:00 AM

WESTERN ANALYTICAL LABORATORY

Asbestos Analysis Services

NVLAP

SUBMITTAL FORM

Sample Collection Information:

Project Number 2849.98 Date of Collection 10-7-98 P.O. No.

Project Name Bay Bridge Administration & Maintenance Cal Trans Buildings

Customer Information:

Company Name HE&T Environmental, Inc.

Address 1400 S Street, Suite 103

Sacramento, CA 95814

Contact Tim Hoppe Phone (916) 446-0406 Fax (916) 446-0466

Turnaround: 4 hrs☐ Same Day☐ 24 hrs☐ 48hrs☐ 3 days☒ | For WAL staff only: 4014

Sample Number	Sample Location	Sample Description	Volume
126-B	admin. Bldg. 1st floor cashiers office	Brown ceiling tile glue	
127-B	admin. Bldg. 1st floor cashiers office	ceiling plaster	
128-B	admin. Bldg. 1st floor project & Inspection	ceiling plaster	
129-B	admin. Bldg. 1st floor W. End hallway	2 coat wall plaster	
130-B	admin. Bldg. 1st floor W. End hallway	Brown ceiling tile glue	
131-B	admin. Bldg. 1st floor Room 1157	Gray 9x9 floortile & mastic	
132-B	admin. Bldg. 2nd floor Toll Br. Maint. Mgr.	Green 9x9 floortile & mastic	
133-B	admin. Bldg. 1st floor collectors work area	2 coat ceiling plaster	
134-B	admin. Bldg. 1st floor Maint. Engr.	Gray 12x12 floortile & yellow mastic	
135-B	admin. Bldg. 1st floor Middle of lunch RM.	Gray 12x12 floortile yellow mastic	
136-B	admin. Bldg. 1st floor Maint. Engr.	2 coat plaster & brown ceiling tile mastic	
137-B	admin. Bldg. 2nd floor Toll BR. Maint. Mgr.	2 coat plaster & brown ceiling tile mastic	
138-B	admin. Bldg. 2nd floor S.R. Engr. Maint. Ops.	Green 9x9 floortile & mastic	
139-B	admin. Bldg. 1st floor Middle of hallway	Gray 9x9 floortile & mastic	

CHAIN OF CUSTODY

Date/Time	Relinquished By:	Received By:	Date/Time
10-9-98 4:00 pm	Tim Hoppe	Mike [illegible]	10-12-98 10:00 AM

WESTERN ANALYTICAL LABORATORY

TEST REPORT

REPORT NO: 4014

DATE COLLECTED: October 6, 1998

DATE RECEIVED: October 12, 1998

DATE REQUIRED: October 15, 1998

CLIENT: H B & T Environmental, Inc.
1400 S Street, Suite 102
Sacramento, CA 95814

ATTENTION: Tim Hoppe

REFERENCE: 2848.98
Bay Bridge Administration and Maintenance
Cal Trans Buildings

SUBJECT: Polarized Light Microscopy Analysis for Asbestos; 141 samples

METHODOLOGY: "Method for the Determination of Asbestos in Bulk Building Materials" (EPA 600/R-93/116)*

ACCREDITED: National Institute of Standards and Technology (NVLAP) # 200037

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
1 - B	Basement East End Heat tape on duct	None Detected	Cellulose 100%	None Detected
2 - B	Basement Lab 1019 White 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
3 - B	Basement Lab 1019 White 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
4 - B	Basement Lab 1019 White 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected

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Optical Microscopist

Mike Maladzhikyan, Laboratory Director

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3017 N. San Fernando Blvd. Suite A • Burbank, CA 91504 • (818) 845-7766 • Fax (818) 845-7742

Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
5 - B	Basement Lab 1019 Green floor tile	Granular Minerals Resin	None Detected	None Detected
6 - B	Basement Lab 1019 Green floor tile	Granular Minerals Resin	None Detected	None Detected
7 - B	Basement Lab 1019 Green floor tile	Granular Minerals Resin	None Detected	None Detected
8 - B	Toll Register Room Base cove mastic - white	Granular Minerals Resin	None Detected	None Detected
9 - B	Toll Register Room Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
10 - B	Toll Register Room Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
11 - B	Toll Register Room Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
12 - B	Sub Station #5 Basement - SW Corner Elbow mud (TSI)	Granular Minerals Diatoms	Cellulose 20% Glass Wool 20%	Chrysotile 5%

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
13 - B	Sub Station #5 Basement - West Side Elbow mud (TSI)	Granular Minerals Diatoms	Cellulose 20% Glass Wool 20%	Chrysotile 5%
14 - B	Sub Station #5 Basement - NW Corner Elbow mud (TSI)	Granular Minerals Diatoms	Cellulose 20% Glass Wool 20%	Chrysotile 5%
15 - B	Sub Station #5 Basement - SW Corner 2 coat ceiling plaster	Granular Minerals	None Detected	None Detected
16 - B	Sub Station #5 Basement - North Side 2 coat ceiling plaster	Granular Minerals	None Detected	None Detected
17 - B	Sub Station #5 Basement - SE Corner 2 coat ceiling plaster	Granular Minerals	None Detected	None Detected
18 - B	Basement Hallway Wall Surfacing material over brick	Granular Minerals Organics	None Detected	None Detected
19 - B	Basement Stairwell Wall 2 coat plaster	Granular Minerals	None Detected	None Detected
20 - B	Basement Stairwell Wall 2 coat plaster	Granular Minerals	None Detected	None Detected

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Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
21 - B	Exterior Metal Siding West Side Black coating	Granular Minerals Organics (tar)	None Detected	Chrysotile 20%
22 - B	Exterior Metal Siding East Side Black coating	Granular Minerals Organics (tar)	None Detected	Chrysotile 20%
23 - B	Tow Ready Room Green 12x12 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
24 - B	Tow Ready Room Tan 12x12 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
25 - B	Middle Main Hallway Maintenance Building Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
26 - B	Middle Main Hallway Maintenance Building - East Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
27 - B	Middle Main Hallway Maintenance Building - West Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
28 - B	Main Hallway Maintenance Building - West End Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%

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Report 4014 continued:

Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
29 - B	Special Crews - East Side Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
29 - B M	Black mastic under Sample #29-B	Granular Minerals Organics (tar)	Cellulose 3%	Chrysotile 1-2%
30 - B	Special Crews - West Side Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
30 - B M	Black mastic under Sample #30-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%
31 - B	Main Hallway Maintenance Building - West Base cove and mastic	Granular Minerals Resin Organics	None Detected	None Detected
32 - B	Main Hallway Maintenance Building - Middle Base cove and mastic	Granular Minerals Resin Organics	None Detected	None Detected
33 - B	Tow Ready Room Sheetrock	Granular Minerals	Cellulose 10%	None Detected
34 - B	Electrical Equipment Closet in Tower Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%

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Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
34 - B M	Black mastic under Sample #34-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 5%
35 - B	Tower West End of Maintenance Building Tan 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
36- B	Tower West End of Maintenance Building Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
36 - B M	Mastic under Sample #36-B	Granular Minerals Organics	None Detected	None Detected
37 - B	Tower West End of Maintenance Building 2'x 4' ceiling tile	Granular Minerals Resin Perlite	Glass Wool 30% Cellulose 30%	None Detected
38 - B	Tow Storage Room White pipe insulation (TSI)	Granular Minerals	Fiberglass 1%	Chrysotile 15% Amosite 15%
39 - B	Work Area 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
39 - B M	Brown mastic under Sample #39-B	Granular Minerals Organics	None Detected	None Detected

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Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
40 - B	West End of Hallway Attic White pipe insulation (TSI) 2"	Granular Minerals	None Detected	Chrysotile 15% Amosite 15%
41 - B	West End of Hallway Attic White pipe insulation (TSI) 3"	Granular Minerals	None Detected	Chrysotile 15% Amosite 15%
42 - B	West End of Hallway Attic White debris on top of duct	Granular Minerals	None Detected	Chrysotile 15% Amosite 15%
43 - B	Tow Office Bathroom Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
43 - B M	Black mastic under Sample #43-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 6%
44 - B	Tow Office Closet Sheetrock	Granular Minerals	Cellulose 1% Fiberglass 2%	None Detected
45 - B	Tow Office Wall heater element	Granular Minerals	None Detected	None Detected
46 - B	Gen Set Room Exhaust manifold insulation (TSI)	Granular Minerals	Fiberglass 10% Synthetics 5%	None Detected

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Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
47 - B	Gen Set Room Exhaust manifold gasket	None Detected	Cellulose 30% Synthetics 70%	None Detected
48 - B	Gen Set Room Structural fireproofing	Granular Minerals Opaques Perlite	None Detected	None Detected
49 - B	Storage and Parts White 2'x 4' drop ceiling tile	Granular Minerals Resin Perlite	Cellulose 30% Glass Wool 30%	None Detected
50 - B	Storage and Parts Office Off-white 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
50 - B M	Brown mastic under Sample #50-B	Granular Minerals Organics	None Detected	None Detected
51 - B	Boiler Room, Boiler #1 Block insulation (TSI)	Granular Minerals Diatoms	None Detected	Chrysotile 15% Amosite 15% Crocidolite 2%
52 - B	Boiler Room, Boiler #2 Block insulation (TSI)	Granular Minerals Diatoms	None Detected	Chrysotile 15% Amosite 15%
53 - B	Boiler Room, Boiler #1 Pipe insulation (TSI)	Granular Minerals Diatoms	Glass Wool 50%	None Detected

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Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
54- B	Boiler Room, High Temperature Hot Water Line Pipe insulation (TSI)	Granular Minerals Diatoms	None Detected	Amosite 20% Chrysotile 5%
55 - B	Boiler Room, East Side Pipe insulation (TSI)	Diatoms	None Detected	Chrysotile 15% Amosite 15% Crocidolite 5%
56 - B	Boiler Room Duct insulation (TSI)	Granular Minerals Opaques	None Detected	Chrysotile 40% Amosite 20% Crocidolite 10%
57 - B	Boiler Room Expansion joint cloth	Granular Minerals Opaques	Cellulose 10%	Chrysotile 80%
58 - B	East End of Maintenance Building 12x12 ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected
59 - B	Bathroom East End of Maintenance Building 12x12 ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected
60 - B	Tower West End of Maintenance Building 12x12 ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected
61 - B	East End of Maintenance Building Base cove and brown mastic	Granular Minerals Resin Organics	None Detected	None Detected

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
62 - B	East End of Maintenance Building Tow Office Base cove and brown mastic	Granular Minerals Resin Organics	None Detected	None Detected
63 - B	SCADA Room White 12x12 ceiling tile	Granular Minerals Resin	Cellulose 20% Glass Wool 70%	None Detected
64 - B	Maintenance Building M-206 Beige 9x9 floor tile	Granular Minerals Resin	None Detected	None Detected
64 - B M	Black mastic under Sample #64-B	Granular Minerals Organics (tar)	None Detected	None Detected
65 - B	Maintenance Building M-206 Brown 12x12 ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected
66 - B	Maintenance Building M-206 Ceiling surfacing material	Granular Minerals Organics Perlite	None Detected	None Detected
67 - B	Maintenance Building M-206 2 coat wall plaster	Granular Minerals	None Detected	None Detected
68 - B	Maintenance Building M-202 - Janitor's Closet Red 12x12 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%

t: Trace >1% = greater than 1% <1 = less than 1%

Optical Microscopist

Mike Maladzhikyan, Laboratory Director

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Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
69 - B	Maintenance Building M-202 Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
69 - B M	Yellow mastic under Sample #69-B	Granular Minerals Organics	None Detected	None Detected
70 - B	Maintenance Building East End 2nd Floor Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
70 - B M	Black Mastic under Sample #70-B	Granular Minerals Organics (tar) Opaques	None Detected	Chrysotile 1-2%
71 - B	Maintenance Building Roof - West End Composition roofing	Granular Minerals Organics (tar)	None Detected	None Detected
72 - B	Administration Building - West Entrance Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
72 - B M	Black mastic under Sample #72-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%
73 - B	Administration Building - East/West Hallway (Middle) - 1st Floor Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%

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73 - B M	Mastic under Sample #73-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%
74 - B	Administration Building - 1st Floor Hallway - East End Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
74 - B M	Mastic under Sample #74-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%
75 - B	Administration Building - West Entrance - Telephone Booth Black cove base and mastic	Granular Minerals Resin Organics	None Detected	None Detected
76 - B	Administration Building - West End - Janitor Closet Two coat plaster	Granular Minerals Organics	None Detected	None Detected
77 - B	Administration Building - Room 1132 Two coat plaster	Granular Minerals Organics	None Detected	None Detected
78 - B	Administration Building - TOC Utility Room - 1st Floor Brown ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected
79 - B	Administration Building - West Entrance - East/West Hallway Brown ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected

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Report 4014 continued:

Reference: 2848.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
80 - B	Administration Building - East End - East/West Hallway End Brown ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected
81 - B	Administration Building - 1st Floor - Lunch Room Two coat plaster	Granular Minerals	None Detected	None Detected
82 - B	Administration Building - 1st Floor - East/West Hallway Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
82 - B M	Mastic under Sample #82-B	Granular Minerals Organics (tar)	None Detected	None Detected
83 - B	Administration Building - 1st Floor - Room A-1108 Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
83 - B M	Mastic under Sample #83-B	Granular Minerals Organics (tar) Opaques	None Detected	None Detected
84 - B	Administration Building - Room A-114 Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
84 - B M	Mastic under Sample #84-B	Granular Minerals Organics (tar) Opaques	None Detected	Chrysotile 1-2%

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
85 - B	Administration Building - 1st Floor E/W Hallway White base cove and mastic	Granular Minerals Resin Organics	None Detected	None Detected
86 - B	Administration Building - 1st Floor North Entrance - Lunch Room Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
87 - B	Administration Building - 1st Floor SW Entrance - Lunch Room Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
88 - B	Administration Building - Lunch Room White base cove mastic	Granular Minerals Organics	None Detected	None Detected
89 - B	Administration Building - 1st Floor - Room 1131 Sheetrock core	Granular Minerals	Cellulose 2% Fiberglass 2%	None Detected
90 - B	Administration Building - Room 1157 Two coat plaster	Granular Minerals Organics	None Detected	None Detected
91 - B	Administration Building - Room 1157 - South Side Two coat plaster	Granular Minerals Organics	None Detected	None Detected
92 - B	Administration Building - Room 1157 - West Wall Brown mastic	Granular Minerals Organics	None Detected	None Detected

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
93 - B	Administration Building - Desk Sergeant Station Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
94 - B	Administration Building - Men's Locker Room #1150 12x12 ceiling tile	Granular Minerals Resin Perlite	Glass Wool 45% Glass Wool 40%	None Detected
95 - B	Administration Building - Women's Locker Room #1144 12x12 ceiling tile	Resin Perlite	Glass Wool 40% Cellulose 40%	None Detected
96 - B	Administration Building - Men's Locker Room #1150 Sheetrock core	Granular Minerals	Cellulose 10%	None Detected
97 - B	Administration Building - Women's Locker Room #1144 Sheetrock core	Granular Minerals	Cellulose 5%	None Detected
98 - B	Administration Building - Security Landing Sheetrock / joint compound	Granular Minerals	Cellulose 10%	None Detected
99 - B	Administration Building - Cashier's Office White 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
99 - B M	Mastic under Sample #99-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
100 - B	Administration Building - Hallway to Cashiers Office White 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
100 - B M	Mastic under Sample #100-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%
101 - B	Administration Building - 1st Floor Hall - East Entrance Dark red 12x12 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
101 - B M	Mastic under Sample #101-B	Granular Minerals Organics (tar)	None Detected	None Detected
102 - B	Administration Building - 1st Floor Hall - East Entrance Gray 12x12 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
103 - B	Administration Building - 1st Floor Hall - East Entrance Brown wall covering	Granular Minerals Organics	Cellulose 20%	None Detected
104 - B	Admin. Bldg. - 1st Floor Hall - East End Bldg. - Supervisor's Lunch Room Brown floor covering	Granular Minerals Organics	Cellulose 20% Synthetics 15%	None Detected
105 - B	Admin. Bldg. - East End Bldg. - Supervisor's Lunch Room Brown base cove and mastic	Granular Minerals Resin Organics	None Detected	None Detected

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
106 - B	Admin. Building - outside Supervisor's Lunch Room White 12x12 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
106 - B M	Mastic under Sample #106-B	Granular Minerals Organics (tar) Diatoms	None Detected	None Detected
107 - B	Administration Building - Room #1182 Brown wall mastic	Granular Minerals Organics	None Detected	None Detected
108 - B	Administration Building - Room #1182 Two coat plaster	Granular Minerals	None Detected	None Detected
109 - B	Administration Building - Roof East End - Mechanical Area TSI on AC-2	Granular Minerals	Cellulose 10%	None Detected
110 - B	Administration Building - Roof East End - Mechanical Area Foundation material	Resin	Cellulose 3%	None Detected
111 - B	Administration Building - Roof East End - Mechanical Area Heat tape on duct	Granular Minerals Resin	Cellulose 50%	None Detected
112- B	Administration Building - Roof East End - Chill Water Pump #1 TSI on pump housing	Granular Minerals Diatoms	Glass Wool 50%	Chrysotile 5%

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
113 - B	Administration Building - Roof East End - N/E Corner Mechanical Deck Silver and black curbing material	Granular Minerals Organics (tar)	None Detected	Chrysotile 8%
114 - B	Administration Building - Roof East End - N/E Corner Mechanical Deck Built-up roofing material	Granular Minerals Organics (tar)	None Detected	None Detected
115 - B	Administration Building - Roof East End by AC-3 Built-up roofing core	Granular Minerals Organics (tar)	None Detected	None Detected
116 - B	Administration Building - Roof East End by Flag Pole Silver and black roofing material	Granular Minerals Organics (tar)	None Detected	Chrysotile 7%
117 - B	Administration Building - Roof West End by AC-4 Silver and black curbing material	Granular Minerals Organics (tar)	None Detected	Chrysotile 15%
118 - B	Administration Building - Roof West End by AC-4 Built-up roofing material	Granular Minerals Organics (tar)	None Detected	None Detected
119 - B	Administration Building - West End 2nd Floor Janitor Closet Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
119 - B M	Mastic under Sample #119-B	Granular Minerals Organics Opaques	None Detected	None Detected

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Reference: 2843.98 / Bay Bridge Administration and Maintenance / Cal Trans Buildings

SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
120 - B	Administration Building - West End 2nd Floor by Room #211 Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
120 - B M	Mastic under Sample #120-B	Granular Minerals Organics Opaques	None Detected	None Detected
121 - B	Administration Building - 2nd Floor West End - Janitor Closet Two coat plaster	Granular Minerals	None Detected	None Detected
122 - B	Administration Building - 2nd Floor East End - Engineering Services Brown floor covering	Granular Minerals Resin	Cellulose 10%	None Detected
123 - B	Administration Building - 1st Floor Cashiers Office White 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
123 - B M	Mastic under Sample #123-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 5%
124 - B	Administration Building - 1st Floor Project and Inspection Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
124 - B M	Mastic under Sample #124-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
125 - B	Administration Building - 1st Floor Project and Inspection Brown ceiling tile glue	Granular Minerals Organics	None Detected	None Detected
126 - B	Administration Building - 1st Floor- Cashiers Office Brown ceiling tile glue	Granular Minerals Organics	None Detected	None Detected
127 - B	Administration Building - 1st Floor- Cashiers Office Ceiling plaster	Granular Minerals	None Detected	None Detected
128 - B	Administration Building - 1st Floor - Project and Inspection Ceiling plaster	Granular Minerals	None Detected	None Detected
129 - B	Administration Building - 1st Floor - West End Hallway 2 coat wall plaster	Granular Minerals	None Detected	None Detected
130 - B	Administration Building - 1st Floor - West End Hallway Brown ceiling tile glue	Granular Minerals Organics	None Detected	None Detected
131 - B	Administration Building - 1st Floor - Room 1157 Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
131 - B M	Mastic under Sample #131-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 5%

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
132 - B	Administration Building - 2nd Floor - Toll Br. Maintenance Manager Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
132 - B M	Mastic under Sample #132-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 5%
133 - B	Administration Building - 1st Floor - Collectors Work Area 2 coat ceiling plaster	Granular Minerals	None Detected	None Detected
134 - B	Administration Building - 1st Floor - Maintenance Engr. Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
134 - B M	Yellow mastic under Sample #134-B	Granular Minerals Organics	None Detected	None Detected
135 - B	Administration Building - 1st Floor - 1st Floor Middle of Lunch Room Gray 12x12 floor tile	Granular Minerals Resin	None Detected	None Detected
135 - B M	Yellow mastic under Sample #135-B	Granular Minerals Organics	None Detected	None Detected
138 - B (plaster)	Administration Building - 1st Floor - Maintenance Engr. 2 coat plaster	Granular Minerals	None Detected	None Detected

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SAMPLE ID NUMBER	SAMPLE LOCATION AND DESCRIPTION	NON-FIBROUS MATERIALS	OTHER FIBROUS MATERIALS	ASBESTIFORM MINERALS
136 - B (mastic)	Administration Building - 1st Floor - Maintenance Engr. Brown ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected
137 - B (plaster)	Administration Building - 2nd Floor - Till Br. Maintenance Manager 2 coat plaster	Granular Minerals	None Detected	None Detected
137 - B (mastic)	Administration Building - 2nd Floor - Till Br. Maintenance Manager Brown ceiling tile mastic	Granular Minerals Organics	None Detected	None Detected
138 - B	Administration Building - 2nd Floor - Sr. Engin. Maintenance Operations Green 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
138 - B M	Mastic under Sample #138-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%
139 - B	Administration Building - 1st Floor - Middle of Hallway Gray 9x9 floor tile	Granular Minerals Resin	None Detected	Chrysotile >1%
139 - B M	Mastic under Sample #139-B	Granular Minerals Organics (tar)	None Detected	Chrysotile 3%

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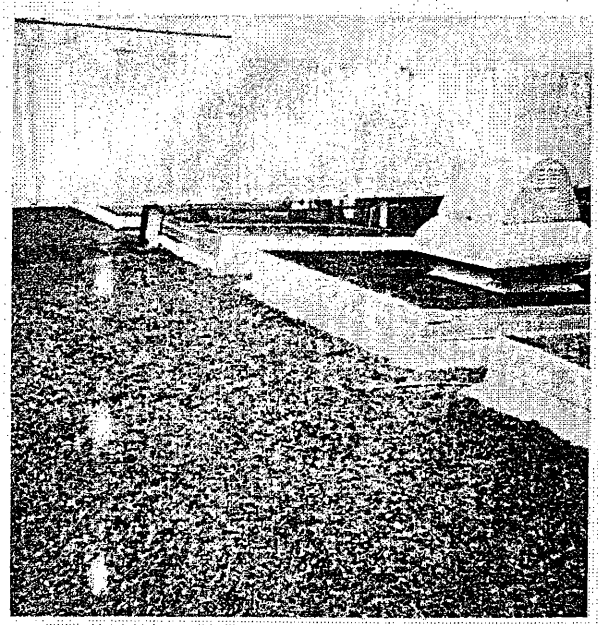
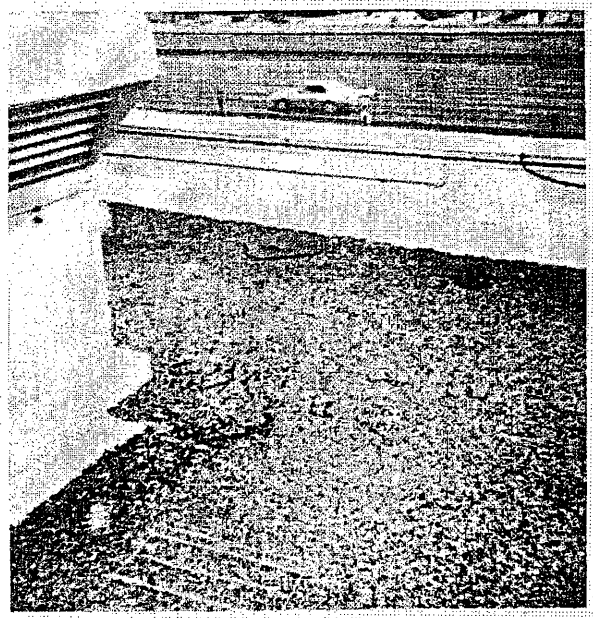
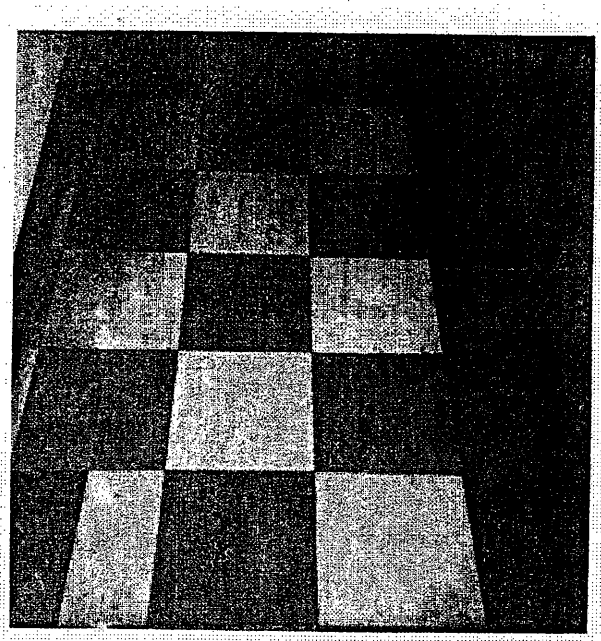


Silver and black roofing
admin. Building

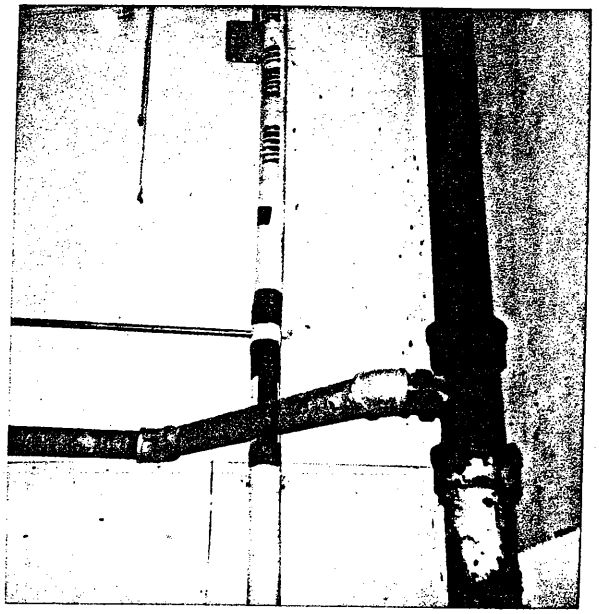


Silver and black roofing
admin. Building



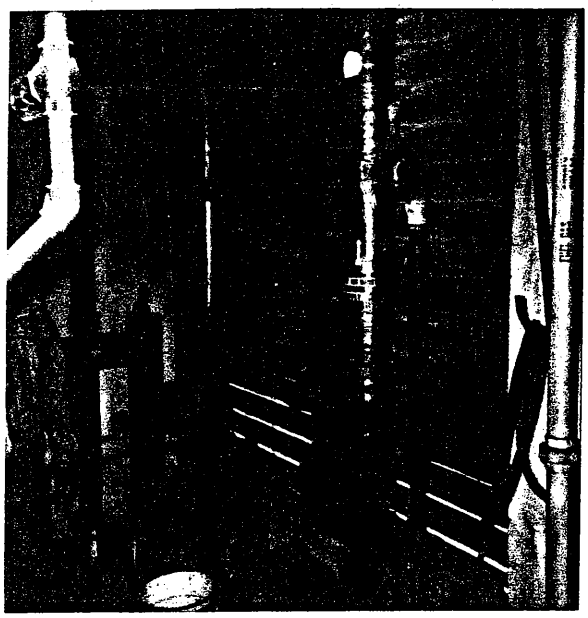
White, gray, and Dark Red
12"x12" floortile
admin. Building

Duct Insulation (TSI) and
Duct Expansion Joint cloth
Warehouse/Maint. Building

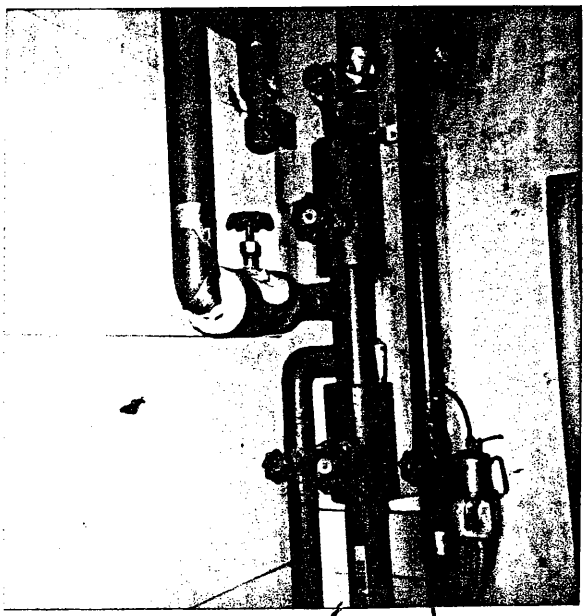


Pipe Insulation (TSI)
Warehouse/Maint. Building

#2 Boiler Insulation (TSI)
Warehouse/Maint. Building

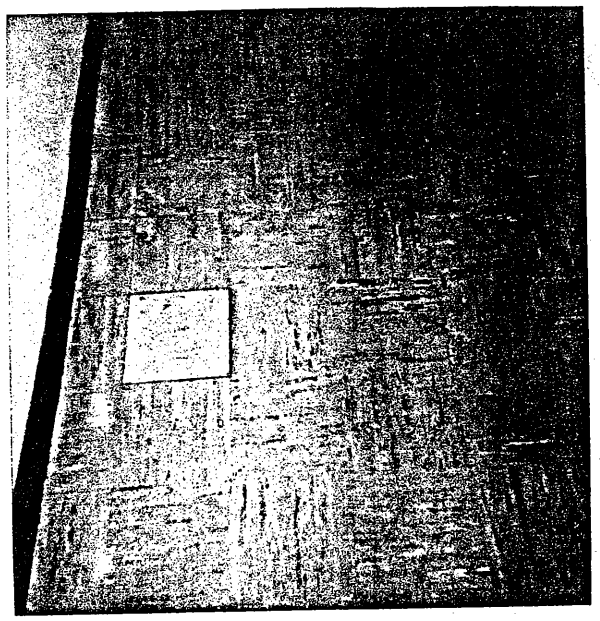


Pipe Insulation (TSI)
Warehouse/Maint. Building

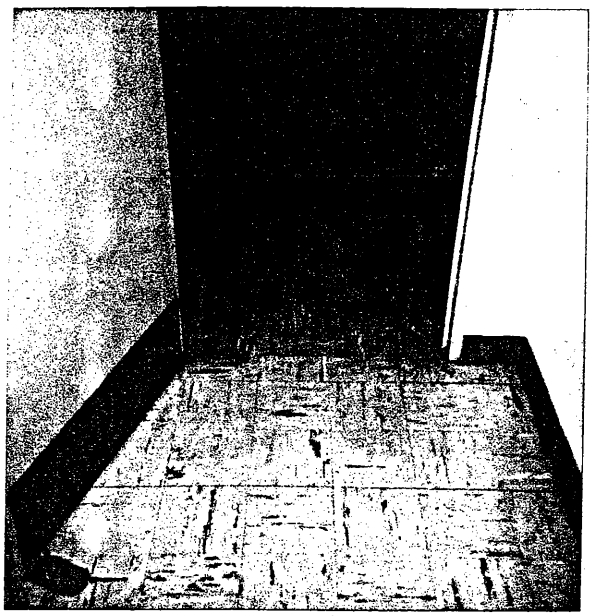


Pipe Insulation (TSI)
Warehouse/Maint. Building

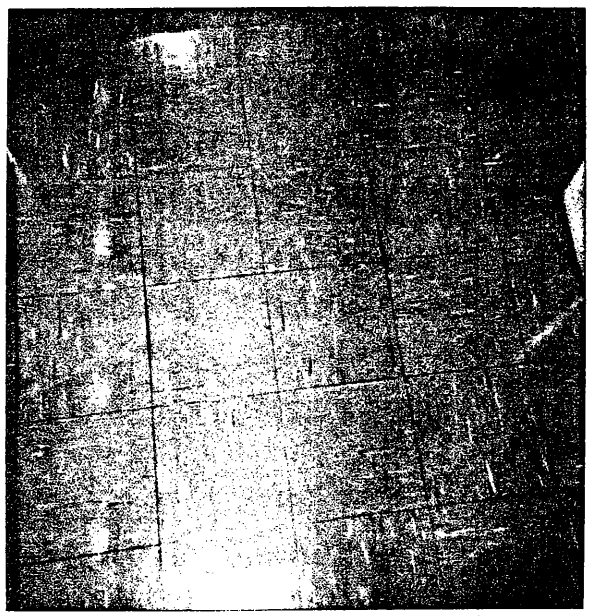
Green and Gray 9"x9" floortile
Maint./Warehouse Building



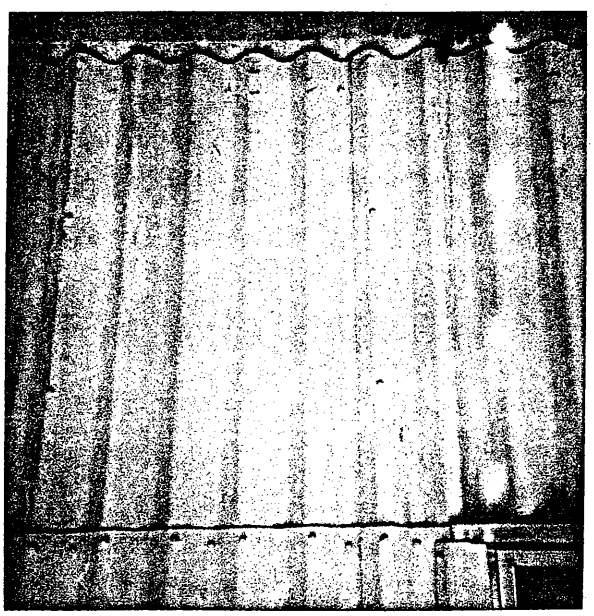
Green and Gray 9"x9" floortile
Admin. Building



Green and Gray 9"x9" floortile
Warehouse/Maint. Building



Green 9"x9" floortile
Admin. Building



Exterior Siding Warehouse/Maint. Building

APPENDIX E

HB&T ENVIRONMENTAL INC.

May 6, 1999
Job #2972.99

Mr. Ross White
GEOCON
5673 West Las Positas Blvd.
Pleasanton, CA 94588

RE: Lead-based Paint Inspection results for:

CAL-TRANS Administration Building and Warehouse/Maintenance Building San Francisco Bay Bridge, CA

Per your request, HB&T Environmental, Inc. undertook a Lead-based Inspection at the above referenced location on March 11, through March 16, 1999.

Under the direction of HB&T Environmental, Inc., Bruce Askanas performed the Lead-based Paint inspection. Bruce is a Certified Lead Inspector/Assessor with the State Department health Services (California), #158. The inspection was performed using the Niton XL 309 Spectrum Analyzer number, U583 with an 11 month old, 10 millicurie radioactive Cadmium 109 source. On March 13, 1999, Simon Wang assisted in the inspection. Simon is a Certified Lead Inspection/Assessor with the State Department of Health Services (California) #1465. The inspection was performed using the Niton XL 309 Spectrum Analyzer number, U279 with a 15 month old, 10 millicurie, radioactive Cadmium 109 source. The inspection protocol outlined in Chapter 7 of the HUD Guidelines For The Evaluation and Control of Lead-based Paint Hazards was the standard used, with some variation, as the purpose of the inspection was to prepare for demolition of a non-public building.

During the course of the inspections, approximately 1100 (XRF) X-Ray Fluorescence readings were taken of painted surfaces. Lead-based paint is defined as paint or other surface coatings that contain an amount of Lead equal to, or in excess of, one milligram per square centimeter (1.0 mg/cm^2) or more than half of one percent (0.5%) by weight. Lead-containing paint is defined as paint or other surface coatings that contain any detectable level of lead.

Listed by XL No. in the following **XRF Data Tables,** is the relevant information.

The Lead levels of concern ($\geq$1.0 mg/cm^2) are clearly marked on the tables provided. The Administration Building and the Warehouse/Maintenance Building both had high Lead levels that range from 1.0 mg/cm^2 to 5.09 mg/cm^2 in some older parts of each building. Lead levels greater than *1 mg/cm^2* have been marked as positive on the tables. The basement of the Administration Building has grey paint which is high in Lead content ($\geq$1.0 mg/cm^2) and White paint which is low in Lead content (<1.0 mg/cm^2). Areas marked NA on the floor plan are areas that were not accessible during the inspection. It should be noted that the maximum Lead levels reported with the instruments used is 5.09 mg/cm^2. Any detectable level of Lead requires worker safety

precautions until measurement of air-borne Lead dust at the workers breathing zone has been determined to be less than 50 ug/m^3 for an 8 hour time weighted average.

A floor plan of the building is included, so you can identify the locations of high Lead levels on the report. All of the walls that are parallel to side A on the drawing are wall A on the report. The walls that are parallel to side B are wall B on the report etc. Similar building components are numbered from left to right as you face the wall where they are located. Side A is the North side.

The XRF readings can be used to determine if worker safety for individuals disturbing the painted surfaces is compromised, if the Lead levels are greater than 0.09 mg/cm^2. Lead levels in painted surfaces that are less than or equal to 0.09 may also pose a health hazard to such workers. Laboratory analysis of paint chip samples obtained for XRF readings below 0.1 mg/cm^2 would confirm or refute the presence of Lead at a detection limit of 0.010 mg/kg using EPA test method SW 846-3050B – 7420 for Flame Atomic Absorption Spectrometry.

Prior to the sale or rental of any property, it is the legal and ethical obligation of all responsible property owners to inform the prospective buyer/tenant of any regular maintenance requirements that may be needed in order to keep Lead-based paint hazards under control. This is the only way an owner can be sure that his or her liability is protected. Educational materials published by the EPA should also be provided during these transactions for all pre-1978 public buildings. These materials are required by law unless a public building has been found to be "Lead-Free" (<1.0 mg/cm^2 Lead-based paint) by a California State Department of Health Services Certified Lead Inspector/Assessor.

Upon your request, HB&T Environmental, Inc. can provide a proposed cost for Project Management Services that would monitor for the proper removal and disposal of Lead-based paint, as well as Lead-containing paint.

This survey was conducted in conformance with generally accepted current standards of practice for identifying Lead-based paint in buildings. HB&T Environmental, Inc. uses only qualified professionals and approved equipment to perform Lead-based paint inspections. However, HB&T Environmental cannot warrant that the building does not contain Lead-based paint in locations other than those identified in this report.

If you have any questions, please feel free to call.

Submitted by:

Timothy C. Hoppe
CAC No. 92-0106
DHS Lead Certified
No. 3968

TCH:cm

enclosures

Ross White
Geocon
Cal-Trans Lead Report

Section I
Administration Building
First floor/Roof

Site: S.F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 11,1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
1	1	Calibrate	0							Drywall	0.94	
2	1	Calibrate	0							Drywall	1.04	
3	1	Calibrate	0							Drywall	1.14	
4	1	Stairwell	1	A	Wall		Wall	Lwr	Solid	Plast	0	
5	1	Stairwell	1	B	Door		Door		Solid	Metal	0	
6	1	Stairwell	1	C	Wall		Wall	Upr	Solid	Plast	0.01	
7	1	Stairwell	1	D	Wall		Wall	Upr	Solid	Plast	0	
8	2	Stairwell	1	B	Wall		Wall	Upr	Solid	Plast	0.38	
9	2	Stairwell	1	B	Door		Door		Solid	Metal	0.11	
10	2	Stairwell	1	B	Door		Jamb	Lft	Solid	Metal	0.12	
11	2	Stairwell	1	C	Wall		Midle Wall		Solid	Metal	0.11	
12	2	Stairwell	1	D	Wall		Wall	Lwr	Solid	Wood	0.01	
13	2	Stairwell	1	D	Wall		Wall	Upr	Solid	Plaster	0.23	
14	2	Stairwell	1	A	Wall		Wall	Upr	Solid	Plaster	0.28	
15	1	Bath	1	A	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
16	1	Bath	1	B	Wall		Wall	Upr	Solid	Tile	5.09	Pos
17	1	Bath	1	C	Wall		Midle Wall		Solid	Tile	5.09	Pos
18	1	Bath	1	D	Door		Door		Solid	Metal	1.35	Pos
19	1	Bath	1	D	Wall		Wall	Upr	Solid	Plast	0.21	
20	1	Bath	1	D	Floor		Wall		Solid	Tile	0.13	
21	1	Bath	1	D	Stall		Wall		Solid	Wood	0.12	
22	1	Hall	1	A	Wall		Wall	Upr	Solid	Plast	0	
23	1	Hall	1	A	Wall		Wall	Lwr	Solid	Plaster	0.05	
24	1	Hall	1	A	Window		Stool		Solid	Wood	0	
25	1	Hall	1	A	Wall		Wall	Lwr	Solid	Plaster	0.02	
26	1	Hall	1	A	Door		Door		Solid	Metal	0	
27	1	Calibrate	0	A						Drywa	0.98	
28	1	Calibrate	0	A						Drywall	1.07	
29	1	Calibrate	0	A						Drywall	1.02	
30	1	Room	1	A	Wall		Midle Wall		Solid	Plaster	0.27	
31	1	Room	1	B	Wall		Midle Wall		Solid	Plaster	0.03	
32	1	Room	1	B	Wall		Midle Wall		Solid	Plaster	0.02	
33	1	Room	1	C	Door		Door		Solid	Metal	0	
34	1	Room	1	C	Door		Jamb	Lft	Solid	Metal	0	
35	1	Room	1	C	Wall		Wall	Upr	Solid	Plaster	0.32	

Site: S.F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 11,1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
36	1	Room	1	C	Window		Casing	Rht	Solid	Wood	0	
37	1	Hall	1	A	Wall		Midle Wall		Solid	Plaster	0.09	
38	1	Hall	1	A	Window		Stool		Solid	Wood	0	
39	1	Hall	1	A	Closet		Casing		Solid	Metal	0.03	
40	1	Hall	1	A	Closet		Shelf		Solid	Wood	0	
41	1	Hall	1	A	Closet		Wall		Solid	Plaster	0.02	
42	1	Hall	1	A	Door		Door		Cracked	Wood	0	
43	1	Hall	1	B	Wall		Wall	Upr	Solid	Plast	0.25	
44	1	Hall	1	C	Wall		Wall	Upr	Solid	Plaster	0.26	
45	1	Hall	1	D	Door		Jamb	Rht	Solid	Metal	1.03	Pos
46	1	Hall	1	D	Wall		Wall	Upr	Solid	Plaster	0.32	
47	1	Room	2	A	Wall		Midle Wall		Solid	Drywall	0.05	
48	1	Room	2	B	Wall		Wall	Upr	Solid	Drywall	0.22	
49	1	Room	2	B	Door		Jamb	Lft	Solid	Metal	0.14	
50	1	Room	2	B	Door		Door		Solid	Wood	0.15	
51	1	Room	2	C	Wall		Wall	Lwr	Solid	Plaster	0.32	
52	1	Room	2	C	Wall		Baseboard		Cracked	Wood	0.18	
53	1	Room	2	D	Wall		Wall	Upr	Solid	Plaster	0.04	
54	1	Room	3	A	Wall		Midle Wall		Solid	Plaster	0.33	
55	1	Room	3	B	Wall		Midle Wall		Solid	Plaster	0.38	
56	1	Room	3	B	Window		Stool		Solid	Metal	0.69	
57	1	Room	3	C	Wall		Wall	Upr	Solid	Plaster	0.14	
58	1	Room	3	D	Cabinet		Door	Out	Solid	Metal	0.31	
59	1	Room	3	D	Wall		Midle Wall		Solid	Plaster	0.23	
60	1	Room	3	D	Door		Door		Cracked	Metal	0.17	
61	1	Room	3	D	Door		Jamb	Lft	Solid	Metal	0.23	
62	1	Hall	2	A	Door		Door		Solid	Metal	0.45	
63	1	Hall	2	A	Door		Jamb	Lft	Solid	Metal	2.64	Pos
64	1	Hall	2	D	Door		Elec Panel		Solid	Metal	0.2	
65	1	Stairwell	2	A	Wall		Midle Wall		Solid	Concrte	3.38	Pos
66	1	Stairwell	2	B	Door		Door		Cracked	Metal	1.57	Pos
67	1	Stairwell	2	C	Wall		Midle Wall		Solid	Drywall	0.31	
68	1	Stairwell	2	C	Stairs		Stringer		Solid	Metal	5.09	Pos
69	1	Stairwell	2	D	Stairs		Rail cap		Solid	Metal	3.5	
70	1	Stairwell	2	D	Stairs		Riser		Solid	Metal	1.19	Pos

Site: S.F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 11,1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
71	1	Calibrate	0	A						Drywall	1	
72	1	Calibrate	0	A						Drywall	0.99	
73	1	Calibrate	0	A						Drywall	1.08	
74	1	Calibrate	0	A						Drywall	0.96	
75	1	Calibrate	0	A						Drywall	0.98	
76	1	Calibrate	0	A						Drywall	0.93	
77	1	Calibrate	0	A						Drywall	1.04	
78	1	Room	4B	A	Wall		Wall	Lwr	Solid	Drywall	0.19	
79	1	Room	4B	A	Cabinet		Door	Out	Solid	Wood	0.01	
80	1	Room	4B	B	Wall		Wall	Lwr	Solid	Plaster	0.27	
81	1	Room	4B	B	Door		Door		Solid	Wood	0.01	
82	1	Room	4B	B	Door		Jamb	Lft	Solid	Metal	0.09	
83	1	Room	4B	C	Wall		Midle Wall		Solid	Plaster	0	
84	1	Room	4B	D	Wall		Wall	Upr	Solid	Plaster	0.39	
85	1	Room	5	A	Wall		Midle Wall		Solid	Plaster	0.06	
86	1	Room	5	B	Wall		Midle Wall		Solid	Plaster	0.21	
87	1	Room	5	C	Wall		Wall	Upr	Solid	Plaster	0	
88	1	Room	5	D	Wall		Midle Wall		Solid	Plast	0.13	
89	1	Room	5	D	Door		Door		Solid	Wood	0.01	
90	1	Room	5	D	Door		Jamb	Lft	Solid	Metal	0.19	
91	1	Room	5	D	Cabinet		Door	Out	Solid	Wood	0	
92	1	Room	6	A	Wall		Midle Wall		Solid	Plaster	0.11	
93	1	Room	6	B	Wall		Wall	Upr	Solid	Plaster	0.18	
94	1	Room	6	C	Wall		Wall	Lwr	Solid	Plaster	0.08	
95	1	Room	6	D	Wall		Midle Wall		Solid	Plaster	0.07	
96	1	Room	6	D	Door		Door		Solid	Wood	0	
97	1	Room	6	D	Door		Jamb	Rht	Solid	Wood	0.01	
98	1	Room	7	A	Wall		Midle Wall		Solid	Plaster	0.07	
99	1	Room	7	B	Wall		Wall	Upr	Solid	Plaster	0.27	
100	1	Room	7	B	Door		Door		Solid	Wood	0.01	
101	1	Room	7	B	Door		Casing	Lft	Solid	Metal	0.04	
102	1	Room	7	C	Cabinet		Door	Out	Solid	Wood	0.01	
103	1	Room	7	C	Wall		Midle Wall		Solid	Plaster	0	
104	1	Room	7	D	Wall		Midle Wall		Solid	Plaster	0.14	
105	1	Room	8	A	Wall		Midle Wall		Solid	Plaster	0	

Site: S.F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 11,1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
106	1	Room	8	B	Wall		Midle Wall		Solid	Plaster	0	
107	1	Room	8	C	Wall		Midle Wall		Solid	Plaster	0.1	
108	1	Room	8	C	Door		Door		Solid	Wood	0.02	
109	1	Room	8	C	Door		Jamb	Lft	Solid	Wood	0	
110	1	Room	8	D	Wall		Midle Wall		Solid	Plaster	0.14	
111	1	Room	9	A	Wall		Wall	Upr	Solid	Plaster	0	
112	1	Room	9	A	Door	1	Door		Solid	Metal	0.27	
113	1	Room	9	A	Door	1	Jamb	Rht	Solid	Metal	0.15	
114	1	Room	9	A	Door	2	Door		Solid	Metal	0.13	
115	1	Room	9	A	Door	2	Casing	Lft	Solid	Metal	0.24	
116	1	Calibrate	0	A						Drywa	1.05	
117	1	Calibrate	0	A						Drywall	0.99	
118	1	Calibrate	0	A						Drywall	1.04	
119	1	Room	9	B			Elec Panel		Solid	Metal	0.02	
120	1	Room	9	B	Wall		Midle Wall		Solid	Plast	0.01	
121	1	Room	9	C	Wall		Wall	Upr	Solid	Metal	1.6	Pos
122	1	Room	9	C	Wall		Wall	Upr	Solid	Drywa	0.31	
123	1	Room	9	C	Wall		Wall	Upr	Solid	Plast	1.57	Pos
124	1	Room	9	C	Wall		Midle Wall		Solid	Plast	1.28	Pos
125	1	Room	9	D	Wall		Midle Wall		Solid	Plast	1.92	Pos
126	1	Room	10	A	Wall		Midle Wall		Solid	Plaster	1.6	Pos
127	1	Room	10	A	Door		Pipes		Solid	Metal	0	
128	1	Room	10	B	Door		Door		Solid	Metal	0.51	
129	1	Room	10	B	Door		Casing	Lft	Solid	Metal	0.23	
130	1	Room	10	B	Wall		Wall	Upr	Solid	Plaster	1.21	Pos
131	1	Room	10	C	Wall		Wall	Upr	Solid	Plaster	2.03	Pos
132	1	Room	10	D	Wall		Wall	Upr	Solid	Plaster	0	
133	1	Room	11	A	Wall		Midle Wall		Solid	Paper	5.09	Pos
134	1	Room	11	B	Wall		Midle Wall		Solid	Paper	5.09	Pos
135	1	Room	11	C	Wall		Wall	Upr	Solid	Paper	5.09	Pos
136	1	Room	11	D	Wall		Wall	Upr	Solid	Paper	5.09	Pos
137	1	Room	11	D	Door		Door		Solid	Metal	0.09	
138	1	Room	11	D	Door		Casing	Rht	Solid	Metal	0.07	
139	1	Calibrate	0							Drywa	0.96	
140	1	Calibrate	0	A						Drywall	0.92	

Site: S.F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 11,1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
141	1	Calibrate	0	A						Drywall	0.98	

Site: S,F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 15, 1999
March 16, 1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
1	1	Calibrate	0	A							0.97	
2	1	Calibrate	0	A							0.9	
3	1	Calibrate	0	A							0.92	
4	1	Room	22	A	Door		Door		Cracked	Wood	1.09	POS
5	1	Room	22	A	Door		Jamb	Rht	Cracked	Metal	5.09	POS
6	1	Room	22	A	Wall		Wall	Upr	Solid	Plaster	0.02	
7	1	Room	22	B	Door		Jamb	Lft	Solid	Metal	0	
8	1	Room	22	B	Wall		Wall	Upr	Solid	Drywall	0.07	
9	1	Room	22	D	Wall		Wall	Upr	Solid	Metal	5.09	POS
10	1	Room	22	C	Wall		Midle Wall		Solid	Plaster	0.01	
11	1	Room	22	D	Door		Jamb	Rht	Cracked	Metal	0.08	
12	1	Room	22	D	Wall		Wall	Upr	Solid	Plaster	0.01	
13	1	Room	23	A	Wall		Midle Wall		Solid	Plaster	1.79	POS
14	1	Room	23	B	Wall		Wall	Upr	Solid	Plaster	1.68	POS
15	1	Room	23	B	Bookcase		Shelf		Solid	Wood	0	
16	1	Room	23	C	Wall		Midle Wall		Solid	Plaster	1.17	POS
17	1	Room	23	D	Wall		Wall	Upr	Cracked	Plaster	1.49	POS
18	1	Room	23	D	Door		Door		Solid	Metal	0.71	
19	1	Room	23	D	Door		Jamb	Rht	Solid	Metal	0.17	
20	1	Room	24	A	Wall		Midle Wall		Solid	Plaster	0.1	
21	1	Room	24	B	Wall		Wall	Upr	Solid	Plaster	0.13	
22	1	Room	24	C	Wall		Wall	Upr	Solid	Plaster	0.13	
23	1	Room	24	D	Cabinet		Door	Out	Cracked	Wood	5.09	POS
24	1	Room	24	D	Wall		Wall	Upr	Solid	Plaster	0.11	
25	1	Room	24	D	Door		Jamb	Rht	Cracked	Metal	0	
26	1	Room	25	A	Wall		Wall	Upr	Solid	Plaster	0.08	
27	1	Room	25	A	Door		Door		Solid	Wood	0.12	
28	1	Room	25	A	Door		Jamb	Lft	Solid	Wood	0.07	
29	1	Room	25	B	Wall		Wall	Upr	Solid	Plaster	0.07	
30	1	Room	25	C	Wall		Wall	Lwr	Solid	Plaster	0.1	
31	1	Room	25	D	Wall		Wall	Lwr	Cracked	Metal	5.09	POS
32	1	Room	25	D	Wall		Wall	Upr	Solid	Plaster	0.08	
33	1	Room	26	A	Wall		Midle Wall		Solid	Plaster	0.02	
34	1	Room	26	A	Door		Door		Solid	Metal	1.73	POS
35	1	Room	26	A	Door		Jamb	Rht	Solid	Metal	1.29	POS

Site: S,F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 15, 1999
March 16, 1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
36	1	Room	26	B	Wall		Wall	Upr	Solid	Drywall	0.01	
37	1	Room	26	B	Door	Inside	Door		Solid	Metal	1.45	POS
38	1	Room	26	B	Door	Inside	Jamb	Rht	Solid	Metal	2.99	POS
39	1	Room	26	B	Door	Front	Jamb	Rht	Solid	Metal	0	
40	1	Room	26	B	Wall		Wall	Upr	Solid	Plaster	0.01	
41	1	Room	26	C	Door		Door		Solid	Metal	0	
42	1	Room	26	C	Door		Jamb	Rht	Solid	Metal	0	
43	1	Room	26	C	Wall		Wall	Upr	Solid	Concrte	0.09	
44	1	Room	26	D	Wall		Wall	Upr	Cracked	Drywall	0.12	
45	1	Room	27	A	Wall		Midle Wall		Solid	Plaster	0	
46	1	Room	27	A	Door		Door		Solid	Wood	0	
47	1	Room	27	A	Door		Jamb	Rht	Solid	Wood	0	
48	1	Room	27	A	Closet		Pipes		Solid	Metal	4.43	POS
49	1	Room	27	A	Wall		Midle Wall		Solid	Plaster	0.15	
50	1	Room	27	B	Wall		Wall	Upr	Solid	Plaster	0.19	
51	1	Room	27	C	Wall		Wall	Upr	Solid	Plaster	0.08	
52	1	Room	27	C	Cabinet		Door	Out	Solid	Wood	0	
53	1	Room	27	D	Wall		Wall	Upr	Solid	Plaster	0.09	
54	1	Room	27	D	Door		Door		Solid	Wood	0.04	
55	1	Room	27	D	Door		Jamb	Rht	Solid	Metal	0.2	
56	1	Room	28	A	Door		Door		Solid	Metal	0.04	
57	1	Room	28	A	Door		Jamb	Rht	Solid	Metal	0.03	
58	1	Room	28	A	Window		Stool		Solid	Metal	0.04	
59	1	Room	28	A	Wall		Wall	Lwr	Solid	Wood	0	
60	1	Room	28	B	Wall		Midle Wall		Solid	Wood	0	
61	1	Room	28	C	Wall		Midle Wall		Solid	Wood	0	
62	1	Room	28	D	Wall		Midle Wall		Solid	Wood	0	
63	1	Room	29	A	Wall		Wall	Upr	Solid	Wood	0	
64	1	Room	29	A	Door		Door		Solid	Metal	0.01	
65	1	Room	29	A	Door		Jamb	Rht	Solid	Metal	0.04	
66	1	Room	29	B	Wall		Wall	Upr	Solid	Wood	0	
67	1	Room	29	C	Wall		Wall	Lwr	Solid	Wood	0	
68	1	Room	29	C	Window		Stool		Solid	Metal	0.01	
69	1	Room	29	C	Door		Door		Solid	Metal	0.02	
70	1	Room	31	A	Wall		Wall	Lwr	Cracked	Wood	0	

Site: S,F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 15, 1999
March 16, 1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
71	1	Room	31	B	Wall		Wall	Upr	Solid	Wood	0	
72	1	Room	31	C	Door		Door		Cracked	Metal	0.08	
73	1	Room	31	C	Door		Jamb	Rht	Solid	Metal	0	
74	1	Room	31	C	Window		Stool		Solid	Metal	0.02	
75	1	Room	31	C	Wall		Wall	Lwr	Solid	Wood	0	
76	1	Room	31	D	Wall		Wall	Upr	Solid	Wood	***	INC
77	1	Room	31	D	Wall		Wall	Upr	Solid	Wood	0	
78	1	Room	31	D	Wall		Wall	Upr	Solid	Wood	0.05	
79	1	Room	30	A	Wall		Midle Wall		Solid	Wood	0	
80	1	Room	30	B	Wall		Wall	Lwr	Solid	Wood	0	
81	1	Room	30	C	Wall		Wall	Lwr	Cracked	Wood	0	
82	1	Room	30	C	Door		Door		Cracked	Metal	0.02	
83	1	Room	30	C	Door		Jamb	Lft	Cracked	Metal	0	
84	1	Room	30	D	Wall		Wall	Upr	Solid	Wood	0	
85	1	Bath	11	A	Wall		Wall	Lwr	Solid	Tile	5.09	POS
86	1	Bath	11	A	Wall		Wall	Upr	Solid	Plaster	0.04	
87	1	Bath	11	B	Wall		Wall	Upr	Solid	Plaster	0.09	
88	1	Bath	11	C	Wall		Wall	Upr	Solid	Plaster	0.01	
89	1	Bath	11	C	Door		Door		Solid	Wood	0	
90	1	Bath	11	C	Door		Jamb	Rht	Solid	Metal	0.01	
91	1	Bath	11	C	Wall		Wall	Upr	Solid	Plaster	0.2	
92	1	Bath	11	D	Stall				Solid	Metal	0.04	
93	1	Bath	12	A	Stall				Solid	Metal	0.04	
94	1	Bath	12	A	Wall		Wall	Upr	Solid	Plaster	0.02	
95	1	Bath	12	B	Wall		Wall	Upr	Solid	Plaster	0.02	
96	1	Bath	12	B	Door		Door		Solid	Wood	0.01	
97	1	Bath	12	D	Cabinet		Door	Out	Solid	Wood	0.08	
98	1	Bath	12	D	Wall		Wall	Upr	Solid	Plaster	0.08	
99	1	Bath	12	D	Wall		Wall	Upr	Solid	Plaster	0.07	
100	1	Bath	12	D	Wall		Wall	Lwr	Solid	Tile	5.09	POS
101	1	Bath	12	D	Floor		Wall		Solid	Tile	0.09	
102	1	Garage	1	A	Garage		Wall		Cracked	Stucco	0.05	
103	1	Garage	1	A	Door		Jamb	Lft	Solid	Metal	0.02	
104	1	Garage	1	A	Door		Door		Cracked	Metal	0.03	
105	1	Garage	1	B	Garage		Wall		Cracked	Concrte	0.03	

Site: S,F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 15, 1999
March 16, 1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
106	1	Garage	1	C	Garage		Wall		Cracked	Concrte	0.05	
107	1	Garage	1	C	Garage		Pipes		Cracked	Concrte	0.02	
108	1	Garage	1	C	Garage		Rail cap		Cracked	Metal	0.22	
109	1	Garage	1	D	Garage		Wall		Cracked	Concrte	0	
110	4	E. Roof	1	A	Wall		Wall	Lwr	Solid	Concrte	0.03	
111	4	E. Roof	1	A	Wall		Wall	Upr	Solid	Metal	5.09	POS
112	4	E. Roof	1	A	Stairs		Newal post		Peeling	Wood	5.09	POS
113	4	E. Roof	1	A	HVAC	Thic. Paint	Duct		Cracked	Metal	5.09	POS
114	4	E. Roof	1	A	Pipes		Pipes		Solid	Metal	0.07	
115	4	E. Roof	1	A	Util. Bld.		Wall		Solid	Concrte	0.45	
116	4	E. Roof	1	A	Util. Bld.		Rail cap		Cracked	Metal	5.09	POS
117	4	E. Roof	1	B	Util. Bld.		Wall		Cracked	Concrte	0.17	
118	4	E. Roof	1	B	Window		Sill	Ext	Solid	Wood	0.1	
119	4	E. Roof	1	C	Util. Bld.		Wall		Solid	Concrte	0.08	
120	4	E. Roof	1	D	Door	1	Door		Cracked	Metal	0.23	
121	5	W. Roof	1	A	Ext Wall		Siding		Peeling	Concrte	0.17	
122	5	W. Roof	1	A	Wall		Wall	Upr	Solid	Metal	4.22	POS
123	5	W. Roof	1	A	HVAC	Thin Paint	Duct		Peeling	Metal	0.04	
124	5	W. Roof	1	A	HVAC	Thic. Paint	Duct		Solid	Metal	5.09	POS
125	5	W. Roof	1	A	HVAC	Thic. Paint	Duct		Solid	Metal	5.09	POS
126	5	W. Roof	1	A	Obs. Towr.		Wall		Solid	Metal	0.21	
127	5	W. Roof	1	B	Obs. Towr.		Wall		Solid	Metal	0.05	
128	5	W. Roof	1	C	Obs. Towr.		Wall		Solid	Metal	0.05	
129	5	W. Roof	1	D	Obs. Towr.		Wall		Cracked	Metal	0.2	
130	5	W. Roof	1	D	Window		Sill	Ext	Solid	Metal	0.04	
131	1	Calibrate	0	A							0.92	
132	1	Calibrate	0	A							0.9	
133	1	Calibrate	0	A							0.91	
134	1	Calibrate	0	A							1.09	

Section II
Administration Building
First floor/ Second floor/ Third Floor/ Exterior

Site: S.F. Oakland Bay Briddge
East Bay Administration Building

XRF Data

Date: March 13, 1999
Section 2

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
1	1	Calibrate	0	A						NonWood	1.03	
2	1	Calibrate	0	A							0.99	
3	1	Calibrate	0	A							0.92	
4	1	Room	12	A	Wall		Wall	Lwr	Solid	Plaster	0	
5	1	Room	12	B	Wall		Wall	Lwr	Solid	Drywa	0.11	
6	1	Room	12	B	Wall		Elec Panel		Solid	Metal	0	
7	1	Room	12	C	Wall		Midle Wall		Solid	Plaster	0.11	
8	1	Room	12	C	Door		Jamb	Lft	Solid	Metal	0	
9	1	Room	12	C	Door		Door		Solid	Wood	0.03	
10	1	Room	12	D	Wall		Midle Wall		Solid	Plaster	0	
11	1	Room	13	A	Wall		Midle Wall		Solid	Plaster	0.1	
12	1	Room	13	A	Wall		Wall	Upr	Solid	Wood	0.1	
13	1	Room	13	B	Wall		Midle Wall		Solid	Plaster	0	
14	1	Room	13	C	Wall		Wall	Upr	Solid	Plaster	0.13	
15	1	Room	13	D	Wall		Wall	Upr	Solid	Plaster	0.13	
16	1	Room	13	B	Door		Door		Solid	Wood	0	
17	1	Room	13	B	Door		Jamb	Lft	Solid	Wood	0	
18	1	Room	14	A	Wall		Wall	Upr	Solid	Plaster	0.15	
19	1	Room	14	A	Door		Door		Solid	Wood	0	
20	1	Room	14	A	Door		Jamb	Rht	Solid	Metal	0.07	
21	1	Room	14	A	Cabinet		Door	Out	Solid	Wood	0.02	
22	1	Room	14	B	Cabinet		Door	Out	Solid	Plaster	0.16	
23	1	Room	14	C	Wall		Midle Wall		Solid	Plaster	0	
24	1	Room	14	D	Wall		Wall	Upr	Solid	Plaster	0.01	
25	1	Bath	2	A	Wall		Wall	Upr	Solid	Plaster	0.12	
26	1	Bath	2	A	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
27	1	Bath	2	B	Wall		Wall	Upr	Solid	Plaster	0.11	
28	1	Bath	2	B	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
29	1	Bath	2	B	Stall		Wall		Solid	Metal	0.05	
30	1	Bath	2	C	Wall		Wall	Upr	Solid	Plaster	0.11	
31	1	Bath	2	C	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
32	1	Bath	2	D	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
33	1	Bath	2	D	Wall		Wall	Upr	Solid	Plaster	0.11	
34	1	Bath	2	D	Door		Door		Solid	Wood	0.02	

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
140	1	Bath	7	A	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
141	1	Bath	7	A	Wall		Wall	Upr	Solid	Plaster	0.23	
142	1	Bath	7	B	Wall		Wall	Lwr	Solid	Plaster	0.04	
143	1	Bath	7	B	Ceiling				Solid	Plast	0.02	
144	1	Bath	7	C	Wall		Wall	Upr	Solid	Plaster	0.07	
145	1	Bath	7	D	Wall		Wall	Upr	Solid	Plaster	0.03	
146	1	Bath	7	D	Wall		Wall	Lwr	Cracked	Tile	5.09	Pos
147	1	Bath	7	D	Door		Door		Cracked	Wood	0	
148	1	Bath	7	D	Door		Jamb	Rht	Solid	Metal	0.01	
149	1	Bath	7	D	Floor				Cracked	Tile	0.3	
150	1	Calibrate	0	A						Drywall	0.96	
151	1	Calibrate	0	A						Drywa	1.04	
152	1	Calibrate	0	A						Drywa	0.98	
153	1	Hall	3	A	Wall		Midle Wall		Solid	Plaster	0.02	
154	1	Hall	3	A	Wall		Elec Panel		Solid	Metal	0.03	
155	1	Hall	3	A	Door	4	Door		Solid	Wood	0.2	
156	1	Hall	3	A	Wall		Wall	Upr	Solid	Plaster	0.18	
157	1	Hall	3	B	Door		Jamb	Lft	Solid	Metal	0	
158	1	Hall	3	B	Wall		Wall	Upr	Solid	Plaster	0.23	
159	1	Hall	3	C	Wall		Wall	Upr	Solid	Plaster	0.22	
160	1	Hall	3	D	Wall		Wall	Upr	Solid	Plaster	0.1	
161	1	Hall	3	D	flyer box		Shelf		Solid	Wood	0.12	
162	1	Hall	3	D	flyer box		Shelf		Solid	Wood	0.01	
163	1	Bath	8	A	Wall		Midle Wall		Solid	Plaster	1.29	Pos
164	1	Bath	8	A	Door		Door		Solid	Wood	0.24	
165	1	Bath	8	A	Door		Jamb	Rht	Solid	Metal	0.15	
166	1	Bath	8	A	Wall		Midle Wall		Solid	Tile	5.09	Pos
167	1	Bath	8	A	Stall		Stall		Solid	Wood	0.02	
168	1	Bath	8	B	Wall		Wall	Upr	Solid	Plaster	1.35	Pos
169	1	Bath	8	C	Wall		Wall	Upr	Solid	Plaster	1.46	Pos
170	1	Bath	8	C	Cabinet		Door	Out	Solid	Wood	0.16	
171	1	Bath	8	D	Wall		Wall	Upr	Solid	Plaster	1.36	Pos
172	1	Bath	9	A	Wall		Wall	Upr	Solid	Plaster	0.32	
173	1	Bath	9	A	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
174	1	Bath	9	B	Wall		Wall	Upr	Solid	Plaster	0.4	

Site: S.F. Oakland Bay Briddge
East Bay Administration Building

XRF Data

Date: March 13, 1999
Section 2

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
1	1	Calibrate	0	A						NonWood	1.03	
2	1	Calibrate	0	A							0.99	
3	1	Calibrate	0	A							0.92	
4	1	Room	12	A	Wall		Wall	Lwr	Solid	Plaster	0	
5	1	Room	12	B	Wall		Wall	Lwr	Solid	Drywa	0.11	
6	1	Room	12	B	Wall		Elec Panel		Solid	Metal	0	
7	1	Room	12	C	Wall		Midle Wall		Solid	Plaster	0.11	
8	1	Room	12	C	Door		Jamb	Lft	Solid	Metal	0	
9	1	Room	12	C	Door		Door		Solid	Wood	0.03	
10	1	Room	12	D	Wall		Midle Wall		Solid	Plaster	0	
11	1	Room	13	A	Wall		Midle Wall		Solid	Plaster	0.1	
12	1	Room	13	A	Wall		Wall	Upr	Solid	Wood	0.1	
13	1	Room	13	B	Wall		Midle Wall		Solid	Plaster	0	
14	1	Room	13	C	Wall		Wall	Upr	Solid	Plaster	0.13	
15	1	Room	13	D	Wall		Wall	Upr	Solid	Plaster	0.13	
16	1	Room	13	B	Door		Door		Solid	Wood	0	
17	1	Room	13	B	Door		Jamb	Lft	Solid	Wood	0	
18	1	Room	14	A	Wall		Wall	Upr	Solid	Plaster	0.15	
19	1	Room	14	A	Door		Door		Solid	Wood	0	
20	1	Room	14	A	Door		Jamb	Rht	Solid	Metal	0.07	
21	1	Room	14	A	Cabinet		Door	Out	Solid	Wood	0.02	
22	1	Room	14	B	Cabinet		Door	Out	Solid	Plaster	0.16	
23	1	Room	14	C	Wall		Midle Wall		Solid	Plaster	0	
24	1	Room	14	D	Wall		Wall	Upr	Solid	Plaster	0.01	
25	1	Bath	2	A	Wall		Wall	Upr	Solid	Plaster	0.12	
26	1	Bath	2	A	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
27	1	Bath	2	B	Wall		Wall	Upr	Solid	Plaster	0.11	
28	1	Bath	2	B	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
29	1	Bath	2	B	Stall		Wall		Solid	Metal	0.05	
30	1	Bath	2	C	Wall		Wall	Upr	Solid	Plaster	0.11	
31	1	Bath	2	C	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
32	1	Bath	2	D	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
33	1	Bath	2	D	Wall		Wall	Upr	Solid	Plaster	0.11	
34	1	Bath	2	D	Door		Door		Solid	Wood	0.02	

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
140	1	Bath	7	A	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
141	1	Bath	7	A	Wall		Wall	Upr	Solid	Plaster	0.23	
142	1	Bath	7	B	Wall		Wall	Lwr	Solid	Plaster	0.04	
143	1	Bath	7	B	Ceiling				Solid	Plast	0.02	
144	1	Bath	7	C	Wall		Wall	Upr	Solid	Plaster	0.07	
145	1	Bath	7	D	Wall		Wall	Upr	Solid	Plaster	0.03	
146	1	Bath	7	D	Wall		Wall	Lwr	Cracked	Tile	5.09	Pos
147	1	Bath	7	D	Door		Door		Cracked	Wood	0	
148	1	Bath	7	D	Door		Jamb	Rht	Solid	Metal	0.01	
149	1	Bath	7	D	Floor				Cracked	Tile	0.3	
150	1	Calibrate	0	A						Drywall	0.96	
151	1	Calibrate	0	A						Drywa	1.04	
152	1	Calibrate	0	A						Drywa	0.98	
153	1	Hall	3	A	Wall		Midle Wall		Solid	Plaster	0.02	
154	1	Hall	3	A	Wall		Elec Panel		Solid	Metal	0.03	
155	1	Hall	3	A	Door	4	Door		Solid	Wood	0.2	
156	1	Hall	3	A	Wall		Wall	Upr	Solid	Plaster	0.18	
157	1	Hall	3	B	Door		Jamb	Lft	Solid	Metal	0	
158	1	Hall	3	B	Wall		Wall	Upr	Solid	Plaster	0.23	
159	1	Hall	3	C	Wall		Wall	Upr	Solid	Plaster	0.22	
160	1	Hall	3	D	Wall		Wall	Upr	Solid	Plaster	0.1	
161	1	Hall	3	D	flyer box		Shelf		Solid	Wood	0.12	
162	1	Hall	3	D	flyer box		Shelf		Solid	Wood	0.01	
163	1	Bath	8	A	Wall		Midle Wall		Solid	Plaster	1.29	Pos
164	1	Bath	8	A	Door		Door		Solid	Wood	0.24	
165	1	Bath	8	A	Door		Jamb	Rht	Solid	Metal	0.15	
166	1	Bath	8	A	Wall		Midle Wall		Solid	Tile	5.09	Pos
167	1	Bath	8	A	Stall		Stall		Solid	Wood	0.02	
168	1	Bath	8	B	Wall		Wall	Upr	Solid	Plaster	1.35	Pos
169	1	Bath	8	C	Wall		Wall	Upr	Solid	Plaster	1.46	Pos
170	1	Bath	8	C	Cabinet		Door	Out	Solid	Wood	0.16	
171	1	Bath	8	D	Wall		Wall	Upr	Solid	Plaster	1.36	Pos
172	1	Bath	9	A	Wall		Wall	Upr	Solid	Plaster	0.32	
173	1	Bath	9	A	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
174	1	Bath	9	B	Wall		Wall	Upr	Solid	Plaster	0.4	

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
175	1	Bath	9	C	Wall		Wall	Upr	Solid	Plaster	0.51	
176	1	Bath	9	C	Stall		Stall		Solid	Metal	0.01	
177	1	Bath	9	D	Wall		Wall	Upr	Solid	Plaster	0.25	
178	1	Bath	9	D	Floor		Wall		Solid	Tile	0.04	
179	1	Bath	10	A	Wall		Wall	Upr	Solid	Plaster	0.06	
180	1	Bath	10	B	Wall		Midle Wall		Solid	Plaster	0.1	
181	1	Bath	10	B	Door		Door		Solid	Wood	0.02	
182	1	Bath	10	B	Door		Jamb	Lft	Solid	Metal	0.05	
183	1	Bath	10	B	Wall		Wall	Lwr	Solid	Tile	5.09	Pos
184	1	Bath	10	B	Wall		Wall	Upr	Solid	Plaster	0.21	
185	1	Bath	10	C	Wall		Wall	Upr	Solid	Plaster	0.12	
186	1	Bath	10	C	Stall		Stall		Solid	Metal	0.05	
187	1	Bath	10	D	Wall		Wall	Upr	Solid	Plaster	0.1	
188	1	Bath	10	D	Floor				Solid	Tile	0.07	
189	2	Room	217	A	Wall		Wall			Plast	0.1	
190	1	Room	217	B	Wall		Midle Wall		Solid	Plaster	0.06	
191	1	Room	217	C	Wall		Midle Wall		Solid	Plaster	0.09	
192	1	Room	217	C	Cabinet		Door	Out	Solid	Wood	0.01	
193	1	Room	217	C	Door		Jamb	Lft	Solid	Metal	0.02	
194	1	Room	217	D	Wall		Wall	Upr	Solid	Plaster	0.07	
195	2	Room	219	A	Wall		Wall	Upr	Solid	Plaster	0.07	
196	2	Room	219	B	Wall		Wall	Upr	Solid	Plaster	0.03	
197	2	Room	219	C	Door		Door		Solid	Wood	0.01	
198	2	Room	219	C	Door		Jamb	Rht	Solid	Wood	0	
199	2	Room	219	C	Wall		Midle Wall		Solid	Plaster	0.05	
200	2	Room	219	D	Wall		Wall	Upr	Solid	Plaster	0.14	
201	2	Room	220	A	Wall		Wall	Upr	Solid	Plaster	0	
202	2	Room	220	B	Wall		Wall	Upr	Solid	Plaster	0.09	
203	2	Room	220	B	Wall		Wall	Upr	Solid	Plaster	0.16	
204	2	Room	220	B	Wall		Wall	Upr	Solid	Plaster	0.13	
205	2	Room	220	C	Wall		Wall	Upr	Solid	Plaster	0.21	
206	2	Room	220	C	Door		Door		Solid	Wood	0	
207	2	Room	220	D	Wall		Wall	Upr	Solid	Plaster	0.06	
208	2	Room	211	A	Wall		Midle Wall		Solid	Plaster	0.05	
209	2	Room	211	A	Door		Door		Solid	Wood	0	

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
210	2	Room	211	A	Door		Jamb	Rht	Solid	Metal	0.09	
211	2	Room	211	A	Cabinet		Door	Out	Solid	Wood	0	
212	2	Room	211	B	Wall		Wall	Upr	Solid	Plast	0.12	
213	2	Room	211	C	Wall		Wall	Upr	Solid	Plaster	0.17	
214	2	Room	211	D	Wall		Wall	Upr	Solid	Plaster	0.1	
215	2	Room	224	A	Wall		Wall	Upr	Solid	Plaster	0.12	
216	2	Room	224	A	Door		Door		Solid	Wood	0.01	
217	2	Room	224	A	Door		Jamb	Rht	Solid	Metal	0.1	
218	2	Room	224	B	Wall		Midle Wall		Solid	Plaster	0.08	
219	2	Room	224	B	Cabinet		Door	Out	Solid	Wood	0	
220	2	Room	224	B	Wall		Midle Wall		Solid	Plaster	0.19	
221	2	Room	224	C	Wall		Wall	Upr	Solid	Plaster	0.35	
222	2	Room	224	D	Wall		Midle Wall		Solid	Plaster	0	
All other second floor administration building data are located in the March 13 Section 1 tables												
223	3	Mid. Roof		A	Wall		Metal cap		Solid	Metal	3.76	Pos
224	3	Mid. Roof		A	Wall		Wall	Lwr	Solid	concr	0.02	
225	3	Mid. Roof		A	Duct		Duct		Solid	Metal	3.77	Pos
226	3	Mid. Roof		A	Wall		Pipes		Cracked	Metal	5.09	Pos
227	3	Mid. Roof		A	Esthetic		Siding		Solid	Metal	0.12	
228	3	Mid. Roof		B	Wall		Metal cap		Solid	Metal	3.47	Pos
229	3	Mid. Roof		B	Ext Wall		Siding		Solid	Metal	0.61	
230	3	Mid. Roof		B	Stairs		Rail cap		Peeling	Metal	0.75	
231	3	Mid. Roof		B	Stairs		Tread		Solid	Metal	0.37	
232	3	Mid. Roof		B	Down spout		Pipes		Solid	Metal	0.08	
233	3	Mid. Roof		C	Stairs		Stringer		Solid	Metal	0.9	
234	3	Mid. Roof		C	Wall		metal cap		Solid	Metal	3.57	Pos
235	3	Mid. Roof		C	Wall		Wall	Lwr	Solid	Concr	0.03	
236	3	Mid. Roof		D	Ext Wall		Siding		Solid	Metal	0.4	
237	3	Mid. Roof		D	Wall		Metal cap		Solid	Metal	2.82	Pos
238	3	Mid. Roof		D	Wall		Wall	Lwr	Solid	concr	0.07	
239	1	Outside	0	A	Vent	1	Pipes		Solid	Mteal	5.09	Pos
240	1	Outside	0	A	Ext Wall	1	Siding		Solid	Metal	0.47	
241	1	Outside	0	A	Ext Wall	1	Foundation		Cracked	Concr	0.08	
242	1	Outside	0	A	Stairs	1	Rail cap		Cracked	Metal	0.03	
243	1	Outside	0	A	Pipes	2	Pipes		cracked	Metal	5.09	Pos

Site: S.F. Oakland Bay Briddge
East Bay Administration Building

XRF Data

Date: March 13, 1999
Section 2

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
244	1	Outside	0	A	Wall box	1	Elec Panel	1	Solid	Metal	0.34	
245	1	Outside	0	A	Floor		Bulkhead	1	Solid	Metal	0.29	
246	1	Outside	0	B	Ext Wall	1	Siding		Solid	Metal	0.44	
247	1	Outside	0	B	Ext Wall	1	Bulkhead		Cracked	Metal	0.01	
248	1	Outside	0	B	Door	1	Jamb		Solid	Metal	0.52	
249	1	Outside	0	B	Door	1	Door		Cracked	Metal	0.01	
250	1	Outside	0	B	Wall box		Elec Panel	1	Cracked	Metal	0.01	
251	1	Outside	0	C	Ext Wall	1	Siding		Solid	Metal	0.43	
252	1	Outside	0	C	Ext Wall	1	Siding		Cracked	Concrte	0.01	
253	1	Outside	0	C	Window	1	cover	1	Solid	Metal	0.41	
254	1	Outside	0	C	Ext Wall	1	Bulkhead		Cracked	Metal	0.18	
255	1	Outside	0	C	Ext Wall	1	Pipes		Peeling	Metal	0.15	
256	1	Outside	0	C	Stairs	1	Stringer		Solid	Metal	0.31	
257	1	Outside	0	C	Stairs	1	Rail cap		Solid	Metal	1.14	Pos
258	1	Outside	0	C	Stairs	1	Columns		Solid	Metal	0.26	
259	1	Outside	0	C	Stairs	1	Tread		Cracked	Metal	0.52	
260	1	Outside	0	D	Ext-wall	1	Siding		Solid	Metal	0.27	
261	1	Calibrate	0	A						Metal	0.87	
262	1	Calibrate	0	A							0.9	
263	1	Calibrate	0	A							0.87	
264	1	Calibrate	0	A							0.97	

Section III
Administration Building
Second floor/ Basement/

Site: S.F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

Date: March 13, 1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
1		Calibrate									0.91	
2		Calibrate									0.92	
3		Calibrate									0.90	
4	2	Room	201	A	Wall		Midle Wall		Solid	Plaster	0.28	
5	2	Room	201	B	Wall		Midle Wall		Solid	Plaster	0.33	
6	2	Room	201	B	Window		Stool		Solid	Wood	0.00	
7	2	Room	201	C	Wall		Midle Wall		Solid	Wood	4.48	Positive
8	2	Room	201	C	Wall		Midle Wall		Solid	Wood	2.13	Positive
9	2	Room	201	C	Window		Casing	Lft	Solid	Wood	0.10	
10	2	Room	201	C	Door		Casing	Rht	Solid	Wood	2.83	Positive
11	2	Room	201	D	Wall		Midle Wall		Solid	Plaster	0.23	
12	2	Room	201	D	Wall		Elec Panel		Solid	Metal	0.00	
13	2	Room	201	D	Door	1	Door		Solid	Metal	2.30	Positive
14	2	Room	201	D	Door	1	Casing	Rht	Solid	Metal	2.60	Positive
15	2	Room	201	D	Door	2	Door		Solid	Wood	0.91	
16	2	Room	201	D	Door	2	Casing	Rht	Solid	Wood	>5.0	Positive
17	2	Room	201	D	Wall		Baseboard		Solid	Metal	0.10	
18	2	Room	201		Floor				Solid	Linoleum	0.44	
19	2	Room	201	B	Radiator		Radiator		Solid	Metal	>5.0	Positive
20	2	Room	201	B	Wall		Wall	Lwr	Solid	Metal	>5.0	Positive
21	2	Room	201		Ceiling		Ceil. Tile		Solid	Wood	0.97	
22	2	Room	202	A	Wall		Midle Wall		Solid	Drywall	0.08	
23	2	Room	202	B	Wall		Midle Wall		Solid	Plaster	0.07	
24	2	Room	202	B	Window		Stool		Solid	Wood	0.51	
25	2	Room	202	B	Wall		Wall	Lwr	Solid	Wood	3.88	Positive
26	2	Room	202	B	Wall		Baseboard		Solid	Metal	0.16	
27	2	Room	202	C	Wall		Wall	Lwr	Solid	Metal	3.84	Positive
28	2	Room	202	C	Wall		Radiator		Solid	Metal	4.49	Positive
29	2	Room	202	D	Wall		Wall	Lwr	Solid	Wood	0.07	
30	2	Room	202	D	Door		Casing	Rht	Solid	Metal	0.24	
31	2	Room	203	D	Wall		Wall	Lwr	Solid	Metal	0.05	
32	2	Room	203	A	Wall		Wall	Upr	Solid	Drywall	0.08	
33	2	Room	203	A	Door		Door		Solid	Wood	0.03	
34	2	Room	203	A	Door		Jamb	Rht	Solid	Wood	0.04	
35	2	Room	203	B	Wall		Wall	Lwr	Solid	Drywall	0.17	
36	2	Room	203	B	Wall		Baseboard		Solid	Metal	0.17	

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
37	2	Room	203	B	Door		Casing	Rht	Solid	Wood	0.28	
38	2	Room	203	B	Window		Casing	Rht	Solid	Wood	0.08	
39	2	Room	203	B	Door		Casing	Lft	Solid	Wood	0.14	
40	2	Room	203	B	Window		Panel Cover		Solid	Wood	0.00	
41	2	Room	203	C	Wall		Wall	Lwr	Solid	Metal	1.60	Positive
42	2	Room	203	C	Window		Stool		Solid	Wood	1.07	Positive
43	2	Room	203	C	Window		Apron		Solid	Metal	0.00	
44	2	Room	203	D	Wall		Wall		Solid	Drywall	0.00	
45	2	Room	203	D	Door	1	Door		Solid	Wood	0.02	
46	2	Room	203	D	Door	1	Jamb	Rht	Solid	Wood	0.03	
47	2	Room	203		Floor				Solid	Linoleum	0.23	
48	2	Porch	203		Support		Columns		Solid	Metal	0.43	
49	2	Room	204	A	Wall		Midle Wall		Solid	Drywall	0.05	
50	2	Room	204	A	Wall		Midle Wall		Solid		0.02	
51	2	Room	204	B	Wall		Midle Wall		Solid	Drywall	0.00	
52	2	Room	204	B	Door		Jamb	Rht	Solid	Wood	0.01	
53	2	Room	204	C	Wall		Wall	Lwr	Solid	Metal	>5.0	Positive
54	2	Room	204	C	Wall		Radiator		Solid	Metal	0.13	
55	2	Room	204	C	Window		Stool		Solid	Wood	1.03	Positive
56	2	Room	204	C	Wall		Midle Wall		Solid	Plaster	0.05	
57	2	Room	204		Ceiling		Ceil. Tile		Solid	Wood	0.26	
58	2	Room	204		Ceiling		Lt Fixture		Solid	Metal	0.00	
59	2	Room	204		Ceiling		Diffuser		Solid	Metal	0.00	
60	2	Room	205		Ceiling		Midle Wall		Solid	Plaster	0.01	
61	2	Room	205	A	Wall		Baseboard		Solid	Tile	0.00	
62	2	Room	205	B	Wall		Midle Wall		Solid	Drywall	0.00	
63	2	Room	205	B	Door		Jamb	Lft	Solid	Wood	0.01	
64	2	Room	205	C	Wall		Midle Wall		Solid	Drywall	0.00	
65	2	Room	205	D	Wall		Midle Wall		Solid	Plaster	0.01	
66	2	Room	205	D	Window		Stool		Solid	Wood	0.01	
67	2	Room	205		Floor				Solid	Linoleum	0.42	
68	2	Room	206	A	Wall		Wall		Solid	Plaster	0.09	
69	2	Room	206	A	Window		Stool		Solid	Wood	0.20	
70	2	Room	206	A	Wall		Wall	Lwr	Solid	Metal	3.12	Positive
71	2	Room	206	A	Wall		Radiator		Solid	Metal	3.49	Positive
72	2	Room	206	B	Wall		Wall		Solid	Plaster	0.06	

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
73	2	Room	206	C	Wall		Wall		Solid	Drywall	0.03	
74	2	Room	206	C	Door		Casing	Rht	Solid	Wood	>5.0	Positive
75	2	Room	206	D	Wall		Midle Wall		Solid	Plaster	0.43	
76	2	Room	206	D	Wall		Wall	Lwr	Solid	Metal	1.97	Positive
77	2	Room	206	D	Wall		Baseboard		Solid	Metal	0.35	
78	2	Room	206		Floor				Solid	Tile	0.25	
79	2	Room	207	A	Wall		Midle Wall		Solid	Plaster	1.13	Positive
80	2	Room	207	A	Window		Stool		Solid	Wood	1.35	Positive
81	2	Room	207	A	Wall		Wall	Lwr	Solid	Metal	1.93	Positive
82	2	Room	207	B	Wall		Midle Wall		Solid	Plaster	0.95	
83	2	Room	207	B	Door		Door		Solid	Wood	0.01	
84	2	Room	207	B	Door		Casing	Rht	Solid	Metal	0.06	
85	2	Room	207	B	Cabinet		Door	Out	Solid	Wood	0.03	
86	2	Room	207	C	Wall		Midle Wall		Solid	Plaster	1.77	Positive
87	2	Room	207	C	Cabinet		Door	Out	Solid	Wood	0.03	
88	2	Room	207	C	Door		Door		Solid	Wood	1.29	Positive
89	2	Room	207	C	Door		Jamb	Lft	Solid	Metal	2.22	Positive
90	2	Room	208	A	Wall		Midle Wall		Solid	Tile	>5.0	Positive
91	2	Room	208	A	Wall		Wall	Upr	Solid	Plaster	0.65	
92	2	Room	208	B	Wall		Wall	Upr	Solid	Tile	>5.0	Positive
93	2	Room	208		Floor				Solid	Tile	0.32	
94	2	Room	208	D	Door		Door		Solid	Wood	1.65	Positive
95	2	Room	208	D	Door		Casing	Rht	Solid	Metal	2.54	Positive
96	2	Room	208		Bathroom		Stall		Solid	Metal	0.46	
97	2	Room	208	D	Window		Glass		Solid	Concrete	0.00	
98	2	Room	209	A	Wall		Wall	Lwr	Solid	Metal	3.97	Positive
99	2	Room	209	B	Wall		Wall	Lwr	Solid	Tile	>5.0	Positive
100	2	Room	209	B	Wall		Wall	Upr	Solid	Plaster	0.09	
101	2	Room	209	B	Door		Door		Solid	Wood	2.68	Positive
102	2	Room	209	B	Door		Casing	Lft	Solid	Metal	>5.0	Positive
103	2	Room	209	C	Wall		Wall	Lwr	Solid	Tile	>5.0	Positive
104	2	Room	209	C	Wall		Wall	Upr	Solid	Plaster	0.10	
105	2	Room	209	D	Wall		Wall	Lwr	Solid	Tile	>5.0	Positive
106	2	Room	209	D	Wall		Wall	Upr	Solid	Plaster	0.13	
107	2	Room	209		Floor				Solid	Tile	0.24	
108	2	Room	209		Bathroom		Stall		Solid	Metal	0.12	

Site: S.F. Oakland Bay Bridge
East Bay Administration Building

XRF Data

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
109	2	Hall	201	A	Wall		Midle Wall		Solid	Plaster	0.37	
110	2	Hall	201	A	Wall		Wall	Lwr	Solid	Tile	0.00	
111	2	Hall	201	B	Door		Door		Solid	Wood	1.04	Positive
112	2	Hall	201	B	Door		Casing	Rht	Solid	Metal	>5.0	Positive
113	2	Hall	201	B	Wall		Wall	Upr	Solid	Plaster	0.37	
114	2	Hall	201	D	Wall		Wall	Upr	Solid	Plaster	0.18	
115	2	Hall	201	D	Wall		Wall	Lwr	Solid	Tile	0.00	
116	2	Hall	201		Floor				Solid	Tile	0.44	
117	2	Hall	202	A	Wall		Midle Wall		Solid	Drywall	0.07	
118	2	Hall	202	C	Wall		Midle Wall		Solid	Drywall	0.06	
119	2	Hall	202		Ceiling				Solid	Drywall	0.04	
120	2	Hall	202	B	Door		Casing	Rht	Solid	Metal	0.07	
121	2	Hall	202	D	Door		Door		Solid	Metal	0.02	
122	2	Hall	202		Floor				Solid	Tile	0.51	
123	2	Hall	202	C	Door		Door		Solid	Wood	>5.0	Positive
124	2	Hall	202	C	Door		Casing	Lft	Solid	Wood	>5.0	Positive
125	2	Hall	202	A	Door		Casing	Rht	Solid	Wood	>5.0	Positive
126	2	Hall	202	B	Door		Jamb	Rht	Solid	Metal	0.06	
127	2	Room	210	A	Wall		Wall	Upr	Solid	Plaster	0.01	
128	2	Room	210	A	Wall		Wall	Lwr	Solid	Tile	0.25	
129	2	Room	210	B	Wall		Wall	Lwr	Solid	Plaster	0.11	
130	2	Room	210	C	Wall		Wall	Lwr	Solid	Tile	0.28	
131	2	Room	210	D	Door		Casing	Rht	Solid	Metal	0.10	
132	2	Room	210	D	Wall		Wall	Upr	Solid	Plaster	0.04	
133	2	Room	210	D	Cabinet		Door	Out	Solid	Metal	0.43	
134	2	Room	212	A	Wall		Wall		Solid	Drywall	0.22	
135	2	Room	212	A	Door		Jamb	Lft	Solid	Metal	0.02	
136	2	Room	212	B	Wall		Midle Wall		Solid	Plaster	0.13	
137	2	Room	212	C	Wall		Midle Wall		Solid	Plaster	0.25	
138	2	Room	212	D	Wall		Midle Wall		Solid	Plaster	0.16	
139	2	Room	212	D	Door		Casing	Lft	Solid	Metal	0.07	
140	2	Room	212		Ceiling		Ceil. Tile		Solid	Wood	0.18	
141	2	Room	212		Ceiling		Lt Fixture		Solid	Metal	0.01	
142	2	Room	213	A	Wall		Wall	Lwr	Solid	Tile	>5.0	Positive
143	2	Room	213	A	Wall		Wall	Upr	Solid	Plaster	0.12	
144	2	Room	213	D	Wall		Wall	Upr	Solid	Plaster	0.07	

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
145	2	Room	213	D	Wall		Wall	Lwr	Solid	Tile	>5.0	Positive
146	2	Room	213	C	Door		Casing	Rht	Solid	Metal	0.03	
147	2	Room	213		Floor				Solid	Tile	0.44	
148	2	Room	213		Bathroom		Stall		Solid	Metal	0.06	
149	2	Room	214	A	Wall		Wall	Lwr	Solid	Tile	>5.0	Positive
150	2	Room	214	A	Wall		Wall	Upr	Solid	Drywall	0.04	
151	2	Room	214	C	Wall		Wall	Lwr	Solid	Tile	>5.0	Positive
152	2	Room	214	C	Wall		Wall	Upr	Solid	Drywall	0.07	
153	2	Room	214	A	Door		Casing	Lft	Solid	Metal	0.17	
154	2	Room	214		Floor				Solid	Tile	0.18	
155	2	Room	214		Bathroom		Stall		Solid	Metal	0.01	
156	2	Room	214	A	Wall		Divider wall		Solid	Drywall	0.07	
157	2	Room	218	A	Wall		Midle Wall		Solid	Drywall	0.03	
158	2	Room	218	B	Wall		Midle Wall		Solid	Drywall	0.00	
159	2	Room	218	C	Wall		Midle Wall		Solid	Plaster	0.08	
160	2	Room	218	C	Door		Jamb	Lft	Solid	Metal	0.04	
161	2	Room	218	D	Wall		Midle Wall		Solid	Plaster	0.06	
162	2	Room	218		Floor				Solid	Tile	0.01	
163	2	Room	221	A	Wall		Midle Wall		Solid	Plaster	0.20	
164	2	Room	221	B	Wall		Midle Wall		Solid	Plaster	0.12	
165	2	Room	221	B	Door	1	Casing	Rht	Solid	Metal	0.07	
166	2	Room	221	B	Door	2	Casing	Rht	Solid		0.11	
167	2	Room	221	C	Wall		Midle Wall		Solid	Drywall	0.04	
168	2	Room	221	D	Wall		Midle Wall		Solid	Plaster	0.32	
169	2	Room	222	A	Wall		Midle Wall		Solid	Drywall	0.00	
170	2	Room	222	A	Door		Casing	Rht	Solid	Metal	0.05	
171	2	Room	222	B	Wall		Midle Wall		Solid	Plaster	0.01	
172	2	Room	222	C	Wall		Midle Wall		Solid	Drywall	0.00	
173	2	Room	222	C	Door	1	Casing	Lft	Solid	Metal	0.04	
174	2	Room	222	C	Door	2	Casing	Rht	Solid	Wood	0.00	
175	2	Room	222	D	Wall		Midle Wall		Solid	Plaster	0.19	
176	2	Room	223	A	Wall		Midle Wall		Solid	Drywall	0.00	
177	2	Room	223	A	Door		Casing	Lft	Solid	Wood	0.00	
178	2	Room	223	B	Wall		Midle Wall		Solid	Drywall	0.15	
179	2	Room	223	C	Wall		Midle Wall		Solid	Plaster	0.03	
180	2	Room	223		Floor				Solid	Tile	0.05	

Site: S.. Oakland Bay Bridge
East Bay Administration Building

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Date: March 13, 1999

XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
181	2	Hall	203	C	Wall		Midle Wall		Solid	Plaster	0.08	
182	2	Hall	203	C	Door		Casing	Lft	Solid	Metal	0.10	
183	2	Hall	203	B	Wall		Midle Wall		Solid	Plaster	0.03	
184	2	Hall	203	B	Door		Casing	Lft	Solid	Metal	0.05	
185	2	Hall	203	D	Wall		Midle Wall		Solid	Plaster	0.04	
186	2	Hall	203	D	Door		Casing	Rht	Solid	Metal	0.02	
187	2	Hall	204	A	Wall		Midle Wall		Solid	Plaster	0.08	
188	2	Hall	204	A	Door	2	Casing	Rht	Solid	Metal	0.01	
189	2	Hall	204	C	Wall		Midle Wall		Solid	Plaster	0.03	
190	2	Hall	204	C	Door		Casing	Lft	Solid	Metal	0.06	
191	2	Hall	204	C	Door		Elec Panel		Solid	Metal	0.06	
192	2	Hall	205	A	Wall		Midle Wall		Solid	Drywall	0.04	
193	2	Hall	205	A	Door		Casing	Rht	Solid	Metal	0.02	
194	2	Hall	205	B	Wall		Midle Wall		Solid	Plaster	0.02	
195	2	Hall	205	B	Door		Casing	Lft	Solid	Metal	0.11	
196	2	Hall	205	C	Wall		Midle Wall		Solid	Drywall	0.15	
197	2	Hall	205	C	Door		Casing	Rht	Solid	Metal	0.07	
198	2	Hall	205	D	Wall		Midle Wall		Solid	Plaster	0.00	
199		Calibrate									0.99	
200		Calibrate									1.08	
201		Calibrate									1.10	
202	W. 2nd fl.	Stairwell		A	Wall		Midle Wall			Plaster	0.06	
203	W. 2nd fl.	Stairwell		A	Wall		Wall	Lwr		Plaster	0.08	
204	W. 2nd fl.	Stairwell		A	Stairs		Rail cap			Wood	0.06	
205	W. 2nd fl.	Stairwell		A	Stairs		Stringer			Wood	>5.0	Positive
206	W. 2nd fl.	Stairwell		B	Stairs		Stringer			Wood	>5.0	Positive
207	W. 2nd fl.	Stairwell		B	Stairs		Baluster			Drywall	0.05	
208	W. 2nd fl.	Stairwell		B	Stairs		Riser			Wood	>5.0	Positive
209	W. 2nd fl.	Stairwell		B	Stairs		Riser			Metal	>5.0	Positive
210	W. 2nd fl.	Stairwell			Ceiling					Drywall	0.08	
211	Basement	Room	B1	A	Wall		Midle Wall			Concrete	0.04	
212	Basement	Room	B1	A	Door		Casing	Lft		Metal	0.06	
213	Basement	Room	B1	A	Door		Door			Metal	0.07	
214	Basement	Room	B1	B	Wall		Wall	Upr		Concrete	0.14	
215	Basement	Room	B1	B	Wall		Wall	Lwr		Concrete	0.81	
216	Basement	Room	B1	D	Wall		Wall	Upr		Concrete	0.01	

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XRF Data

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
217	Basement	Room	B1	C	Wall		Wall	Lwr		Concrete	0.87	
218	Basement	Room	B1	C	Wall		Pipes			Metal	2.64	Positive
219	Basement	Room	B1	C	Wall		Pipes			Metal	2.33	Positive
220	Basement	Room	B1	C	Wall		Elec Panel			Metal	0.00	
221	Basement	Room	B1	D	Door		Door			Metal	0.06	
222	Basement	Room	B2	A	Wall		Midle Wall			Concrete	0.08	
223	Basement	Room	B2	A	Door		Door			Metal	0.43	
224	Basement	Room	B2	A	Door		Casing	Rht		Metal	3.48	Positive
225	Basement	Room	B2	C	Wall		Midle Wall			Concrete	0.29	
226	Basement	Room	B2	C	Wall		Wall	Lwr		Concrete	0.91	
227	Basement	Room	B2	D	Wall		Midle Wall			Concrete	0.28	
228	Basement	Porch	B2		Ceiling		Beam	Upr		Concrete	0.16	
229	Basement	Porch	B2		Pipes		Pipes			Metal	0.08	
230	Basement	Porch	B2		Pipes		Pipes			Metal	>5.0	Positive
231	Basement	Porch	B2		Pipes		Pipes			Metal	0.21	
232	Basement	Porch	B2		Pipes		Pipes			Metal	3.26	Positive
233	Basement	Room	B3	A	Wall		Midle Wall		Solid	Concrete	0.12	
234	Basement	Room	B3	B	Wall		Midle Wall		Solid	Concrete	0.26	
235	Basement	Room	B3	C	Door		Door		Solid	Metal	>5.0	Positive
236	Basement	Room	B3		Pipes		Pipes		Solid	Metal	2.61	Positive
237	Basement	Room	B4	A	Wall		Wall	Upr	Solid	Concrete	0.09	
238	Basement	Room	B4	A	Wall		Wall	Lwr	Solid	Concrete	0.80	
239	Basement	Room	B4	A	Door		Door		Solid	Metal	0.77	
240	Basement	Room	B4	A	Door		Casing	Lft	Solid	Metal	>5.0	Positive
241	Basement	Room	B4	B	Wall		Wall	Lwr	Solid	Concrete	0.97	
242	Basement	Room	B4	D	Wall		Wall	Upr	Solid	Concrete	0.21	
243	Basement	Room	B4		Floor				Solid	Concrete	0.20	
244	Basement	Room	B4		Floor				Solid	Concrete	0.43	
245	Basement	Room	B4	B	Door		Door		Solid	Metal	1.34	Positive
246	Basement	Room	B4	B	Door		Casing	Lft	Solid	Metal	>5.0	Positive
247	Basement	Room	B4	B	Equipment		Elec Panel		Solid	Metal	0.30	
248	Basement	Room	B4	B	Equipment		Elec Panel		Solid	Metal	>5.0	Positive
249	Basement	Room	B4	A	Equipment		Elec Panel		Solid	Metal	0.63	
250	Basement	Room	B4	A	Equipment		Elec Panel		Solid	Metal	0.35	
251	Basement	Room	B4		Pipes		Pipes		Solid	Metal	>5.0	Positive
252	Basement	Room	B4		Pipes		Pipes		Solid	Metal	>5.0	Positive

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
253	Basement	Room	B4		Pipes		Pipes		Solid	Metal	0.07	
254	Basement	Room	B4		Pipes		Pipes		Solid	Metal	>5.0	Positive
255	Basement	Room	B7	A	Wall		Midle Wall		Solid	Concrete	0.13	
256	Basement	Room	B7	A	Door		Door		Solid	Metal	2.07	Positive
257	Basement	Room	B7	A	Door		Casing	Rht	Solid	Metal	1.16	Positive
258	Basement	Room	B7	B	Wall		Midle Wall		Solid	Concrete	0.34	
259	Basement	Room	B7	B	Door		Door		Solid	Metal	0.26	
260	Basement	Room	B7	B	Door		Casing	Rht	Solid	Metal	3.81	Positive
261	Basement	Room	B7	C	Door		Casing	Lft	Solid	Metal	>5.0	Positive
262	Basement	Room	B7	C	Door		Door		Solid	Metal	1.84	Positive
263	Basement	Room	B7	C	Elec Panel		Elec Panel		Solid	Metal	0.04	
264	Basement	Room	B7	C	Elec Panel		Elec Panel		Solid	Metal	0.00	
265	Basement	Room	B7		Pipes		Pipes		Solid	Metal	0.07	
266	Basement	Room	B7		Pipes		Pipes		Solid	Metal	0.16	
267	Basement	Room	B7		Pipes		Pipes		Solid	Metal	2.13	Positive
268	Basement	Hall	B1	A	Wall		Midle Wall		Solid	Concrete	0.05	
269	Basement	Hall	B1	A	Door	2	Door		Solid	Metal	2.66	Positive
270	Basement	Hall	B1	A	Door	2	Casing	Rht	Solid	Metal	>5.0	Positive
271	Basement	Hall	B1	A	Door	3	Door		Solid	Metal	0.07	
272	Basement	Hall	B1	A	Door	3	Casing	Lft	Solid	Metal	0.05	
273	Basement	Porch	B1		Ceiling		Beam	Upr	Solid	Concrete	0.26	
274	Basement	Porch	B1	C	Door		Door		Solid	Metal	0.17	
275	Basement	Porch	B1	C	Door		Casing	Lft	Solid	Metal	0.12	
276	Basement	Porch	B1	C	Wall		Midle Wall		Solid	Concrete	0.28	
277	Basement	Porch	B1	C	Door		Door		Solid	Metal	0.59	
278	Basement	Porch	B1	C	Door		Casing	Rht	Solid	Metal	2.26	Positive
279	Basement	Porch	B1	D	Door		Door		Solid	Metal	1.14	Positive
280	Basement	Porch	B1	D	Door		Elec Panel		Solid	Metal	0.04	
281	Basement	Porch	B1	D	Door		Elec Panel		Solid	Metal	0.06	
282	Basement	Porch	B1		Pipes		Pipes		Solid	Metal	0.00	
283	Basement	Porch	B1		Pipes		Pipes		Solid	Metal	0.15	
284	Basement	Porch	B1		Pipes		Pipes		Solid	Metal	2.01	Positive
285	Basement	Porch	B1		Pipes		Pipes		Solid	Metal	0.10	
286	Basement	Porch	B1		Pipes		Pipes		Solid	Metal	0.06	
287	Basement	Porch	B1		Pipes		Pipes		Solid	Metal	>5.0	Positive
288	Basement	Hall	B2	A	Wall		Midle Wall		Solid	Concrete	0.36	

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	Pbl	Result
289	Basement	Hall	B2	A	Door		Door		Solid	Metal	1.73	Positive
290	Basement	Hall	B2	A	Door		Casing	Lft	Solid	Metal	>5.0	Positive
291	Basement	Hall	B2	C	Door		Casing	Lft	Solid	Metal	>5.0	Positive
292	Basement	Hall	B2	C	Wall		Midle Wall		Solid	Concrete	0.39	
293	Basement	Hall	B2	D	Door		Door		Solid	Metal	0.00	
294	Basement	Hall	B2	D	Door		Casing	Rht	Solid	Metal	0.00	
295	Basement	Stairwell		B	Wall		Midle Wall		Solid	Concrete	0.31	
296	Basement	Stairwell		B	Stairs		Rail cap		Solid	Metal	1.63	Positive
297	Basement	Stairwell		B	Stairs		Baluster		Solid	Metal	2.47	Positive
298	Basement	Stairwell		D	Stairs		Wall		Solid	Plaster	0.29	
299	Basement	Stairwell			Ceiling				Solid	Concrete	0.26	
300	Basement	Stairwell		A	Wall		Midle Wall		Solid	Concrete	0.27	
301	Basement	Stairwell		B	Door		Door		Solid	Metal	1.85	Positive
302	Basement	Stairwell		B	Door		Casing	Lft	Solid	Metal	0.71	
303	Calibrate										0.93	
304	Calibrate										1.06	
305	Calibrate										0.97	

Section IV
Maintenance Building

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
135	1	Calibrate	0	A							0.9	
136	1	Calibrate	0	A							0.9	
137	1	Calibrate	0	A							0.98	
138	1	Calibrate	0	A							0.9	
139	1	Room	1	A	Sup.		Columns		Solid	Metal	2.75	POS
140	1	Room	1	A	Window		Stool		Solid	Metal	5.09	POS
141	1	Room	1	A	Wall		Midle Wall		Solid	Metal	0.17	
142	1	Room	1	B	Door		Jamb	Rht	Solid	Metal	0.01	
143	1	Room	1	B	Wall		Midle Wall		Solid	Metal	0.07	
144	1	Room	1	C	Wall		Midle Wall		Solid	Metal	0.01	
145	1	Room	1	C	Door	2	Door		Solid	Metal	0	
146	1	Room	1	C	Door	2	Jamb	Lft	Cracked	Wood	0.07	
147	1	Room	1	C	Door	2	Jamb	Lft	Cracked	Wood	0.05	
148	1	Room	1	C	Sup.		Columns		Cracked	Metal	3.08	POS
149	1	Room	1	C	Sup.		Columns		Solid	Metal	0.07	
150	1	Room	1	D	Wall		Wall	Upr	Solid	Concrte	***	INC
151	1	Room	1	D	Wall		Wall	Upr	Solid	Concrte	0.01	
152	1	Room	1	D	Wall		Wall	Upr	Solid	Concrte	0.03	
153	1	Room	1	D	Wall		Duct		Solid	Metal	0.01	
154	1	Bath	1	A	Wall		Midle Wall		Cracked	Stucco	0.2	
155	1	Bath	1	B	Wall		Wall	Upr	Solid	Stucco	0.3	
156	1	Bath	1	C	Wall		Wall	Upr	Solid	Stucco	0.28	
157	1	Bath	1	D	Wall		Wall	Upr	Solid	Stucco	0.19	
158	1	Bath	1	D	Door		Jamb	Rht	Solid	Metal	0.28	
159	1	Bath	1	D	Door		Door		Solid	Wood	0.02	
160	1	Room	2	A	Wall		Wall	Upr	Solid	Stucco	0.01	
161	1	Room	2	B	Wall		Wall	Upr	Peeling	Metal	0.46	
162	1	Room	2	B	Window		Stool		Cracked	Metal	5.09	POS
163	1	Room	2	C	Door		Jamb	Rht	Solid	Metal	0.01	
164	1	Room	2	C	Wall		Wall	Upr	Solid	Metal	0.07	
165	1	Room	2	D	Wall		Wall	Upr	Solid	Stucco	0	
166	1	Room	2	D	Wall		Wall	Upr	Peeling	Metal	5.09	POS
167	1	Room	2	D	Door		Door		Cracked	Metal	0.02	
168	1	Room	2	D	Door		Jamb	Rht	Cracked	Wood	0	
169	1	Room	3	A	Window		Casing	Rht	Solid	Wood	0.02	

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
310	1	Hall	1	B	Door		Door		Solid	Wood	***	INC
311	1	Hall	1	B	Door		Door		Solid	Wood	***	INC
312	1	Hall	1	B	Door		Door		Solid	Wood	***	INC
313	1	Hall	1	B	Door		Jamb	Lft	Solid	Wood	0.25	
314	1	Hall	1	B	Wall		Wall	Upr	Solid	Plaster	0.16	
315	1	Hall	1	C	Wall		Wall	Upr	Solid	Plaster	0.1	
316	1	Hall	1	D	Wall		Wall	Upr	Solid	Plaster	0.01	
317	1	Bath	3	A	Wall		Wall	Upr	Solid	Plaster	0.1	
318	1	Bath	3	A	Door		Door		Solid	Wood	0	
319	1	Bath	3	A	Door		Jamb	Lft	Solid	Wood	0.07	
320	1	Bath	3	B	Wall		Wall	Upr	Solid	Plaster	0.14	
321	1	Bath	3	C	Stall		Wall		Solid	Metal	0.04	
322	1	Bath	3	C	Wall		Wall	Upr	Solid	Plaster	0.08	
323	1	Bath	3	D	Wall		Wall	Upr	Solid	Plaster	0.07	
324	1	Hall	2	A	Wall		Wall	Lwr	Solid	Plaster	0.06	
325	1	Hall	2	A	Door		Door		Solid	Wood	0.01	
326	1	Hall	2	A	Door		Jamb	Rht	Solid	Metal	0.03	
327	1	Hall	2	B	Wall		Midle Wall		Solid	Plaster	0.11	
328	1	Hall	2	C	Wall		Wall	Upr	Solid	Plaster	0.05	
329	1	Hall	2	D	Wall		Wall	Upr	Solid	Plaster	0.05	
330	1	Bath	4	A	Wall		Wall	Upr	Solid	Plaster	0.07	
331	1	Bath	4	B	Wall		Wall	Upr	Solid		0.06	
332	1	Bath	4	B	Door		Door		Solid	Wood	0	
333	1	Bath	4	B	Door		Jamb	Rht	Solid	Metal	0.03	
334	1	Bath	4	C	Wall		Wall	Lwr	Solid	Tile	5.09	POS
335	1	Bath	4	D	Wall		Radiator		Solid	Metal	0.03	
336	1	Bath	4	D	Wall		Wall	Upr	Solid	Plaster	0.07	
337	1	Bath	5	A	Wall		Wall	Upr	Solid	Plaster	0.04	
338	1	Bath	5	B	Door		Door		Solid	Wood	0	
339	1	Bath	5	B	Door		Jamb	Lft	Solid	Metal	0.09	
340	1	Bath	5	C	Wall		Wall	Upr	Solid	Plaster	0.03	
341	1	Bath	5	D	Wall		Wall	Lwr	Solid	Tile	5.09	POS
342	1	Bath	5	D	Stall		Wall		Solid	Metal	0.06	
343	1	Room	20	C	Wall		Wall	Upr	Solid	Wood	0.01	
344	1	Room	20	C	Door		Jamb	Rht	Solid	Wood	0.01	

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
345	1	Room	20	C	Door		Door		Solid	Wood	0	
346	1	Room	20	D	Cabinet		Door	Out	Solid	Metal	0.02	
347	1	Room	20	D	Wall		Wall	Upr	Solid	Plaster	0	
348	1	Room	20	D	Wall	2	Elec Panel		Solid	Metal	0	
349	1	Room	20	Cntr			Housing		Solid	Metal	0.01	
350	1	Room	20	Cntr			Housing		Solid	Metal	0.02	
351	1	Room	20	A	Wall		Midle Wall		Solid	Concrte	0.01	
352	1	Room	20	B	Wall		Wall	Upr	Solid	Concrte	0	
353	1	Room	20	D	Wall		Wall	Upr	Solid	Concrte	0	
354	1	Room	21	A	Wall		Wall	Upr	Solid	Concrte	0.01	
355	1	Room	21	B	Wall		Wall	Upr	Solid	Concrte	0.01	
356	1	Room	21	C	Wall		Midle Wall		Solid	Concrte	0	
357	1	Room	21	C	Door		Door		Solid	Metal	0	
358	1	Room	21	C	Door		Jamb	Rht	Solid	Metal	0.03	
359	1	Room	21	D	Wall		Wall	Upr	Solid	Concrte	0.01	
360	1	Room	21	D	Wall	1	Elec Panel		Solid	Metal	0	
361	1	Room	21	D	Wall	2	Elec Panel		Solid	Metal	0.02	
362	1	Room	21	D	Wall	3	Elec Panel		Solid	Metal	0	
363	1	Room	21	D	Wall	4	Elec Panel		Solid	Metal	0	
364	1	Room	21	Cntr			Housing		Solid	Metal	0	
365	1	Closet	1	A	Closet		Casing		Solid	Metal	0.17	
366	1	Closet	1	C	Closet		Wall		Solid	Plaster	0.05	
367	1	Closet	1	D	Closet		Shelf		Solid	Wood	0	
368	1	Stairwell	1	A	Stairs		Rail cap		Solid	Wood	0.02	
369	1	Stairwell	1	A	Stairs		Wall		Solid	Plaster	0.07	
370	1	Stairwell	1	A	Stairs		Riser		Solid	Metal	5.09	POS
371	1	Stairwell	1	A	Stairs		Stringer		Solid	Wood	5.09	POS
372	1	Room	22	A	Window		Stool		Solid	Metal	3.63	POS
373	1	Room	22	A	Wall		Midle Wall		Solid	Metal	0.04	
374	1	Room	22	A	Wall	1	Pipes		Solid	Metal	0	
375	1	Room	22	A	Wall	1	Elec Panel		Solid	Metal	0.03	
376	1	Room	22	A	Cabinet	1	Door	Out	Solid	Metal	0.2	
377	1	Room	22	B	Wall		Midle Wall		Solid	Wood	0.02	
378	1	Room	22	B	Door		Door		Solid	Wood	2.07	POS
379	1	Room	22	B	Door		Jamb	Lft	Solid	Metal	3.08	POS

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
380	1	Room	22	C	Stairs		Rail cap		Solid	Metal	0.05	
381	1	Room	22	C	Wall		Wall	Upr	Solid	Wood	0.03	
382	1	Room	22	C	Stairs		Stringer		Solid	Metal	0.03	
383	1	Room	22	D	Door		Jamb	Lft	Solid	Metal	0	
384	1	Room	22	D	Wall		Midle Wall		Solid	Metal	0.07	
385	3	Room	23	A	Wall		Wall	Lwr	Solid	Wood	0.01	
386	3	Room	23	A	Window		Stool		Solid	Wood	0.04	
387	3	Room	23	B	Wall		Wall	Upr	Solid	Plaster	1.96	POS
388	3	Room	23	B	Door		Door		Solid	Wood	0	
389	3	Room	23	B	Door		Jamb	Lft	Solid	Wood	0	
390	3	Room	23	B	Wall		Wall	Upr	Solid	Metal	1.9	POS
391	3	Room	23	B	Cabinet		Door	Out	Solid	Wood	2.14	POS
392	3	Room	23	C	Wall		Wall	Upr	Solid	Wood	0.01	
393	3	Room	23	D	Wall		Wall	Upr	Solid	Plaster	0.02	
394	3	Room	23	D	Cabinet		Door	Out	Solid	Wood	0	
395	3	Room	23	D	Cabinet	2	Door	Out	Solid	Wood	0	
396	1	Bath	6	A	Wall		Midle Wall		Solid	Plaster	0	
397	1	Bath	6	B	Wall		Wall	Upr	Solid	Plaster	0.01	
398	1	Bath	6	B	Door		Door		Solid	Wood	0.02	
399	1	Bath	6	B	Door		Jamb	Lft	Solid	Wood	4.24	POS
400	1	Bath	6	C	Wall		Wall	Upr	Solid	Plaster	0.03	
401	1	Bath	6	D	Window		Stool		Solid	Wood	1.42	POS
402	1	Bath	6	D	Wall		Wall	Upr	Solid	Wood	2.12	POS
403	2	Room	24	A	Wall		Wall	Upr	Solid	Plaster	0.08	
404	2	Room	24	B	Wall		Wall	Upr	Solid	Plaster	0.13	
405	2	Room	24	B	Door		Door		Solid	Wood	0.02	
406	2	Room	24	B	Door		Jamb	Rht	Solid	Wood	0	
407	2	Room	24	C	Wall		Wall	Upr	Solid	Plaster	0.04	
408	2	Room	24	D	Wall		Wall	Upr	Solid	Plaster	0.12	
409	2	Room	24	D	Window		Stool		Solid	Metal	4.62	POS
410	2	Bath	7	A	Wall		Wall		Solid	Plaster	0.2	
411	2	Bath	7	A	Door		Door		Solid	Wood	0.27	
412	2	Bath	7	A	Door		Jamb	Rht	Solid	Wood	0.06	
413	2	Bath	7	B	Wall		Wall	Upr	Solid	Plaster	0.18	
414	2	Bath	7	C	Wall		Wall	Upr	Solid	Plaster	0.24	

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XLNo	Floor	Room	Room#	Side	Structure	Str#	Feature	Fea#	Condition	Substrate	PbL	Result
415	2	Bath	7	D	Cabinet		Door	Out	Solid	Wood	0.18	
416	4	W. Roof	1	A	Wall	Top	Wall	Upr	Solid	Metal	3.4	POS
417	4	W. Roof	1	A	Wall		Wall	Lwr	Solid	Metal	5.09	POS
418	4	W. Roof	1	B	Wall		Downspout		Solid	Metal	5.09	POS
419	4	W. Roof	1	B	Ext Wall		Siding		Solid	Metal	0.39	
420	4	W. Roof	1	B	Ext Wall	HVAC	Duct		Solid	Metal	0	
421	4	W. Roof	1	B	Ladder	1	Rail cap		Solid	Metal	1.95	POS
422	4	W. Roof	1	D	Ext Wall	1	Siding		Peeling	Metal	0.88	
423	4	W. Roof	1	D	Ext Wall	1	Siding		Peeling	Metal	0.05	
424	4	W. Roof	1	D	Ext Wall	1	Siding		Peeling	Metal	0.01	
425	4	W. Roof	1	D	Window	1	Sill	Ext	Solid	Metal	1.66	POS
426	1	Outside	1	A	Ext Wall		Siding		Solid	Metal	0.1	
427	1	Outside	1	A	Ext Wall	2	Siding		Solid	Metal	0.39	
428	1	Calibrate	0	A							1.05	
429	1	Calibrate	0	A							1.03	
430	1	Calibrate	0	A							1.01	
431	1	Calibrate	0	A							1.03	
432	1	Calibrate	0	A							0.98	
433	1	Calibrate	0	A							1.01	
434	1	Calibrate	0	A							0.99	
435	1	Calibrate	0	A							1.09	
436	1	Outside	0	A	Wall		Wall	Lwr	Solid	Metal	0.1	
437	1	Outside	0	A	Door	3	Casing	Rht	Solid		5.09	POS
438	1	Outside	0	B	Wall		Wall	Upr	Solid	Metal	0.05	
439	1	Outside	0	B	Wall		Wall	Lwr	Cracked	Concrte	0.24	
440	1	Outside	0	B	Door	1	Casing	Lft	Cracked	Metal	5.09	POS
441	1	Outside	0	C	Wall	1	Wall	Upr	Solid	Metal	0.28	
442	1	Outside	0	C		1	Rail cap		Solid	Metal	0	
443	1	Outside	0	C	Door	3	Casing	Lft	Solid	Metal	5.09	POS
444	1	Outside	0	C	Wall	2	Wall	Upr	Solid	Metal	0.27	
445	1	Outside	0	D	Door	1	Casing	Lft	Solid	Metal	3.65	POS
446	1	Outside	0	D	Wall	1	Wall	Upr	Solid	Metal	0.06	
447	1	Calibrate									0.98	
448	1	Calibrate									1.02	
449	1	Calibrate									0.93	

450	1	Calibrate									1.03	

Floor Plans

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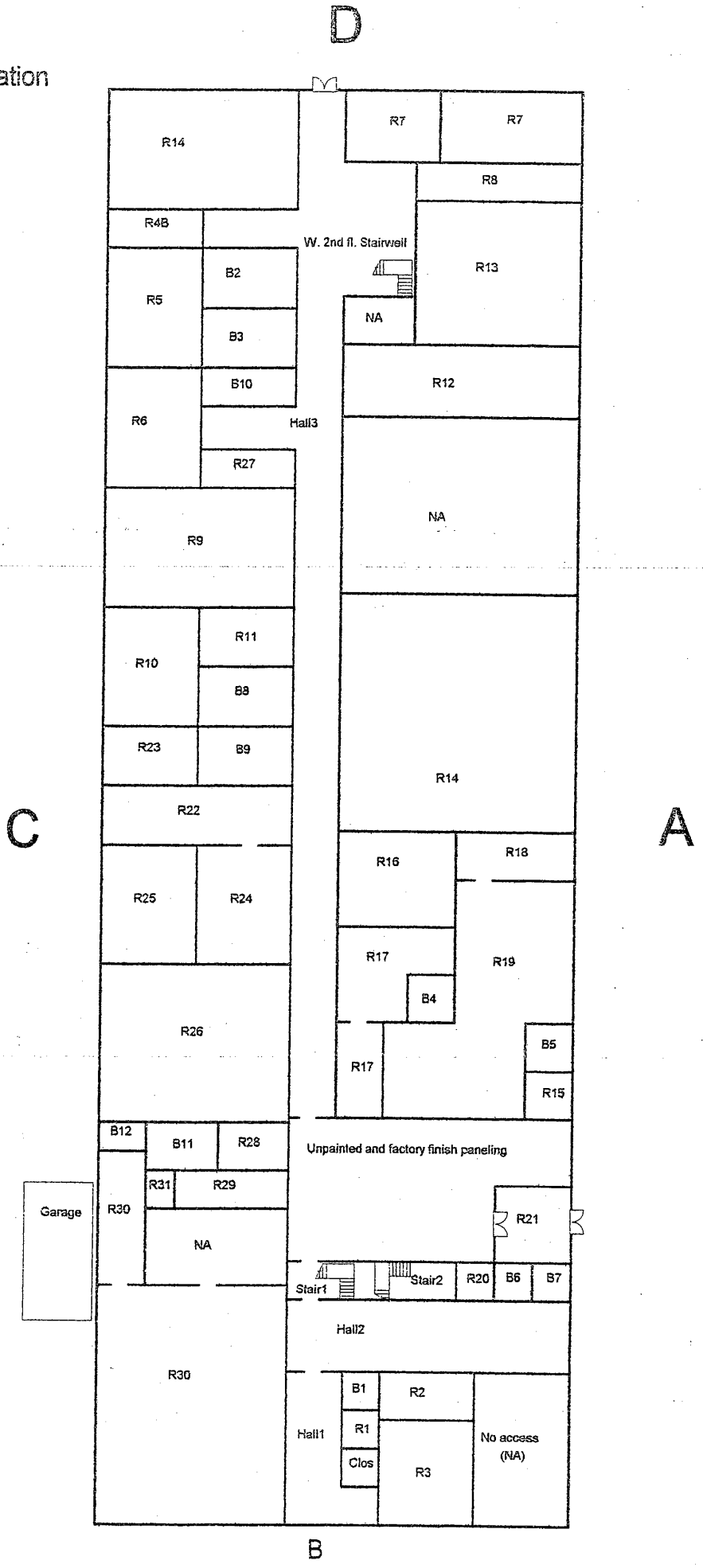
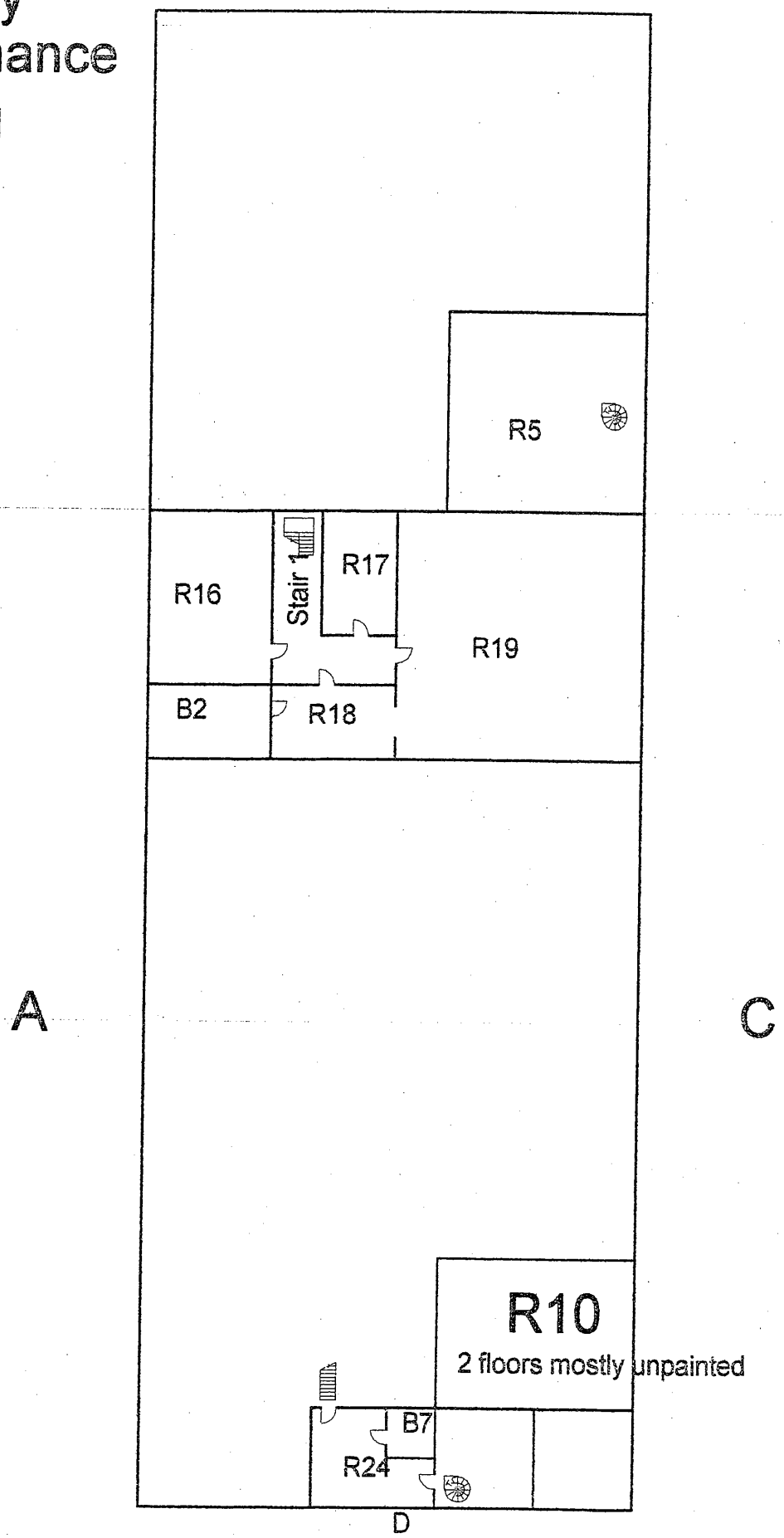
Bay Bridge
East Bay Administration
Building



S.F. Oakland Bay Bridge East Bay Maintenance Building

(second floor)