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4 1957

# ***PACIFIC Rolling Door Co.***

15900 Worthley Drive  
San Lorenzo, California 94580-1844  
(510) 278-3211 (800) PRD-7269

October 3, 2002

Ms. Donna Drogos  
Alameda County Department of Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502

Alameda County  
OCT 08 2002  
Environmental Health

Subject: Subsurface Investigation Report

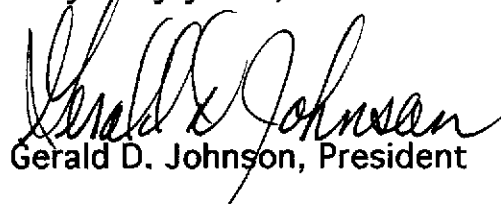
Dear Ms. Drogos:

Accompanying this letter is a copy of a "Subsurface Investigation Report" prepared by RGA Environmental Inc. indicating conditions at our plant located at 15900 Worthley Dr., San Lorenzo, CA.

We are requesting your guidance to what has to be done to correct the problems indicated.

Your timely consideration would be appreciated.

Very truly yours,

  
Gerald D. Johnson, President

Encl:

CC: Mr. Paul King, RGA Enviromental Inc.

August 19, 2002  
Report 0278.R1  
RGA Job # PRD7785

Mr. Jerry Duncan  
Pacific Rolling Door Company  
15900 Worthley Drive  
San Lorenzo, CA 94580

**Alameda County**  
OCT 08 2002  
**Environmental Health**



**SUBJECT: SUBSURFACE INVESTIGATION REPORT**  
Pacific Rolling Door Company  
15900 Worthley Drive  
San Lorenzo, CA

Dear Mr. Duncan:

RGA Environmental, Inc. (RGA) is pleased to present this report documenting the hand augering of nine soil borings, designated as B6 through B14, and the collection of two shallow soil samples from each soil boring at the subject site. The samples were collected at the subject site to further investigate concentrations of lead, zinc, and mercury that were detected at concentrations of concern during a previous investigation. This work was performed in accordance with our Soil Sample Collection Proposal (Proposal 062702.P1) dated June 27, 2002. A Site Location Map is attached as Figure 1, and a Site Plan Detail showing the soil boring locations is attached as Figure 2. All work was performed under the direct supervision of an appropriately registered professional.

#### BACKGROUND

The site consists of a large warehouse in an industrial area of San Lorenzo, California. The site is bordered to the northeast by railroad tracks, to the southeast and northwest by industrial facilities, and to the southwest by Worthley Drive. Based on conversations with Mr. Jerry Duncan of Pacific Rolling Door (PRD), the subject site was farmland until approximately 1961. PRD occupied the site in approximately 1961 and constructed a warehouse for metal rolling door manufacturing. Spray-painting operations have been performed for a number of years on an outdoor paint rack and in an open shed located in the storage yard between the back of the building and the railroad tracks (see Figure 2, Site Plan). The spray painting operations have included lead-based paint.

In the 1980's, the back of the existing building was extended 100 feet towards the railroad tracks. It is our understanding that at that time, the paint racks and open shed were relocated from the back of the original building footprint approximately 100 feet towards the railroad tracks to their present location. The ground surface cover at the site consists of concrete on the southeast side of the building from the front to the back of the building. From the back of the building to the railroad tracks, the ground surface is covered with a gray clayey gravel cover measuring approximately 11 to 18 inches in thickness. Mr. Duncan stated that the area behind the building was initially bare earth, and that the gravel was periodically added over time to increase the gravel

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layer thickness. A chain link fence is present on the sides and the back of the property at the property line.

In 1995, a total of five soil samples designated as TB1 through TB5 were collected by RGA at a depth of 0.5 to 1.0 feet below the ground surface. The samples were analyzed for Volatile Organic Compounds (VOCs) using EPA Method 8010 and for CAM 17 metals. The sample results showed that VOCs were not detected and that lead was detected in all of the boreholes and zinc was detected in one of the boreholes at concentrations exceeding ten times their respective Soluble Threshold Limit Concentration (STLC) values. No Waste Extraction Tests (WETs) were performed. Based on the sample results, RGA recommended additional analysis for lead, mercury and zinc. The sample collection locations are shown on Figure 2. Documentation of the investigation and sample results is presented in RGA's Preliminary Subsurface Investigation report dated May 1, 1995.

In 2002, PRD requested that RGA return to the site to further investigate the extent of metals in soil at the site.

#### FIELD ACTIVITIES

No permits were obtained for the shallow soil borings because the total depth of exploration did not exceed 2.5 feet below the ground surface. Prior to the beginning of field activities, a health and safety plan was prepared.

#### Soil Boring Oversight and Groundwater Grab Sample Collection

On July 18, 2002 a total of nine soil borings, designated as borings B6 through B14, were hand augered to further investigate concentrations of lead, zinc, and mercury at the site. The soil from all of the borings was logged in the field in accordance with standard geologic field techniques and the Unified Soil Classification System. All of the soil from the borings was evaluated with a 10.3 eV Photoionization Detector (PID) calibrated using a 100 ppm isobutylene standard.

Relatively undisturbed soil samples were collected from the borings for laboratory analysis at depths of 0.5 and 2.0 feet using a slide hammer and a stainless steel sampler lined with a 2-inch diameter, 6-inch long stainless steel tube. After sample collection, the stainless steel tube was removed from the sampler, and the ends of the tube sequentially covered with aluminum foil and plastic endcaps. The tubes were then labeled and placed in a cooler pending delivery to a State-accredited hazardous waste laboratory. Chain of custody documentation procedures were observed for all sample handling. A total of eighteen soil samples were retained for laboratory analysis. The locations of the soil borings are shown on the attached Site Plan, Figure 2.

Paint was visible on the ground surface in the vicinity of the paint rack. No staining or discoloration, no petroleum hydrocarbon or solvent odors and no detectable PID readings were observed in any of the boreholes or soil samples. All hand augering and sampling equipment was

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cleaned with an Alconox solution followed by a clean water rinse prior to use in each borehole. Following completion of sample collection activities, the boreholes were filled with soil generated during drilling.

During hand augering activities, gusts of wind were observed to carry visible dust into the site building through the open roll-up doors located at the back of the building.

### GEOLOGY AND HYDROGEOLOGY

Based on review of regional geologic maps from U. S. Geological Survey Professional Paper 943, "Flatland Deposits - Their Geology and Engineering Properties and Their Importance to Comprehensive Planning," by E. J. Helley and K. R. Lajoie, 1979, the subject site is underlain by Holocene fine-grained alluvium (Qhaf) and bay mud (Qhbm). The fine-grained alluvium is described as being unconsolidated, plastic, moderately- to poorly- sorted silt and clay rich in organic material, which is seasonally saturated and irregularly bedded. The bay mud is described as unconsolidated, water-saturated, dark, plastic clay and silty clay rich in organic material, locally containing lenses and stringers of well-sorted silt and sand as well as beds of peat.

The subsurface materials encountered in boreholes B6 through B14 consisted of clayey gravel to a depth of approximately 11 to 18 inches below the ground surface, which was underlain by brown silty clay to the total depth explored of 2.5 feet below the ground surface. The clayey gravel is fill material. The groundwater flow direction at the site is unknown, but based on local topography is presumed to be toward San Francisco Bay to the north-northwest (see Figure 1).

### LABORATORY ANALYSIS

All of the soil samples were analyzed at McCampbell Analytical, Inc. in Pacheco, California. The soil samples collected at a depth of 0.5 feet from the boreholes were analyzed for Total Threshold Limit Concentration (TTLC) values for the metals lead, mercury and zinc. A WET was performed for lead for the samples at the 0.5-foot depth from boreholes B7, B9, B10, B11, B13 and B14, and TTLC analysis for lead was performed for the samples from these boreholes for the samples collected at the 2.0-foot depth.

Review of the laboratory analytical results for the soil samples collected at the 0.5-foot depth shows that only lead was detected in boreholes B7, B9, B10, B11, B13 and B14 at a concentration exceeding ten times the STLC value for that metal. TTLC lead values for those samples ranged from 58 to 980 parts per million (ppm). The lead WET results for the 0.5-foot depth samples showed that the samples from boreholes B9, B11 and B14 were below the STLC value for lead of 5.0 mg/L, and the samples from boreholes B7, B10, and B13 exceeded the STLC value for lead with concentrations of 7.7, 15, and 84 mg/L, respectively. The TTLC lead values for the samples at the 2.0-foot depth from those boreholes ranged from 5.0 to 11 ppm, and did not require additional analysis with a WET.

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The TTLC laboratory analytical results for the samples collected at the 0.5-foot depth are summarized in Table 1 and shown on Figure 2. The laboratory analytical results for the WET analysis for the samples collected at the 0.5-foot depth are summarized in Table 2 and shown on Figure 3. The TTLC laboratory analytical results for the samples collect at the 2.0-foot depth are summarized in Table 3 and shown on Figure 4. Copies of the laboratory analytical reports and chain of custody documentation are attached with this report.

#### DISCUSSION AND RECOMMENDATIONS

Historical investigation of gravel fill in the vicinity of the paint rack at the site has identified the metals lead, mercury and zinc at concentrations that resulted in recommendations for additional investigation. The current investigation of these metals in the vicinity of the paint rack identified only lead at concentrations of concern. The elevated concentrations of lead appear to be limited to the clayey gravel layer which covers the ground surface behind the facility building, and which measures between 11 and 18 inches in thickness. Analysis of soil samples collected beneath the clayey gravel at a depth of 2.0 feet showed that the elevated lead concentrations appear to be limited to the clayey gravel. WET analysis on samples collected in the clayey gravel where the TTLC value exceeded ten times the lead STLC value showed that 3 of the 6 samples had concentrations which would cause the clayey gravel to be considered hazardous waste if removed from the site for disposal.

Review of Figures 2 and 3 shows that the elevated lead concentrations are not limited to any specific area, and appear to be distributed throughout the area of investigation. Based on the elevated concentrations of lead detected in samples collected from the clayey gravel ground cover and the observed blowing of visible dust into the building, RGA recommends that facility worker contact with the clayey gravel be abated. RGA recommends that PRD contact the Alameda County Department of Environmental Health (ACDEH) to determine if covering the clayey gravel with an asphalt or concrete layer is an acceptable remedial solution, and to determine if any further investigation of the extent of the lead in the clayey gravel is required.

#### LIMITATIONS

This report was prepared solely for the use of Pacific Rolling Door Company. The content and conclusions provided by RGA in this assessment are based on information collected during our investigation, which may include, but not be limited to, visual site inspections; interviews with site owner, regulatory agencies and other pertinent individuals; review of available public documents; subsurface exploration and our professional judgement based on said information at the time of preparation of this document. Any subsurface sample results and observations presented herein are considered to be representative of the area of investigation; however, geological conditions may vary between borings and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which vary from these findings, the newly revealed conditions must be evaluated and may invalidate the findings of this report.

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This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.

This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. RGA is not responsible for the accuracy or completeness of information provided by other individuals or entities which is used in this report. This report presents our professional judgement based upon data and findings identified in this report and interpretation of such data based upon our experience and background, and no warranty, either express or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

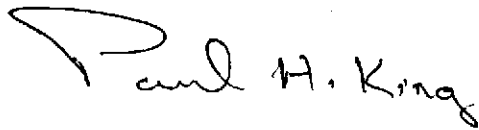
Report 0278.R1  
RGA Job # PRD7785

Should you have any questions, please do not hesitate to contact us at (510) 547-7771.

Sincerely,



for  
Karin Schroeter  
Project Manager



Paul H. King  
California Registered Geologist SID 658-4363  
Registration No. : 5901  
Expires: 12/31/03

Attachments: Tables 1, 2, 3  
Site Location Map - Figure 1  
Site Plan - Figure 2  
Site Plan - Figure 3  
Site Plan - Figure 4  
Laboratory Reports  
Chain of Custody Documentation

PHK/hcm  
0278.R1

TABLE 1  
SUMMARY OF LABORATORY ANALYTICAL RESULTS  
0.5-FOOT DEPTH SOIL SAMPLES  
(Samples Collected on July 18, 2002)

Sample No.	Lead (TTLC)	Mercury (TTLC)	Zinc (TTLC)
B6-0.5	39	0.11	110
B7-0.5	160	0.21	190
B8-0.5	6.0	0.17	29
B9-0.5	88	0.088	310
B10-0.5	120	0.072	350
B11-0.5	200	ND	420
B12-0.5	14	0.13	55
B13-0.5	980	0.097	1400
B14-0.5	58	0.50	140

Notes:

ND = Not Detected.

Results are in ppm (mg/kg), unless otherwise indicated.



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TABLE 2  
SUMMARY OF LABORATORY ANALYTICAL RESULTS  
0.5-FOOT DEPTH SOIL SAMPLE WET RESULTS  
(Samples Collected on July 18, 2002)

Sample No.	Lead (STLC)
B7-0.5	7.7
B9-0.5	3.1
B10-0.5	15
B11-0.5	1.8
B13-0.5	84
B14-0.5	0.60

Notes:

ND = Not Detected.

Results are in ppm (mg/L), unless otherwise indicated.

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RGA Job # PRD7785

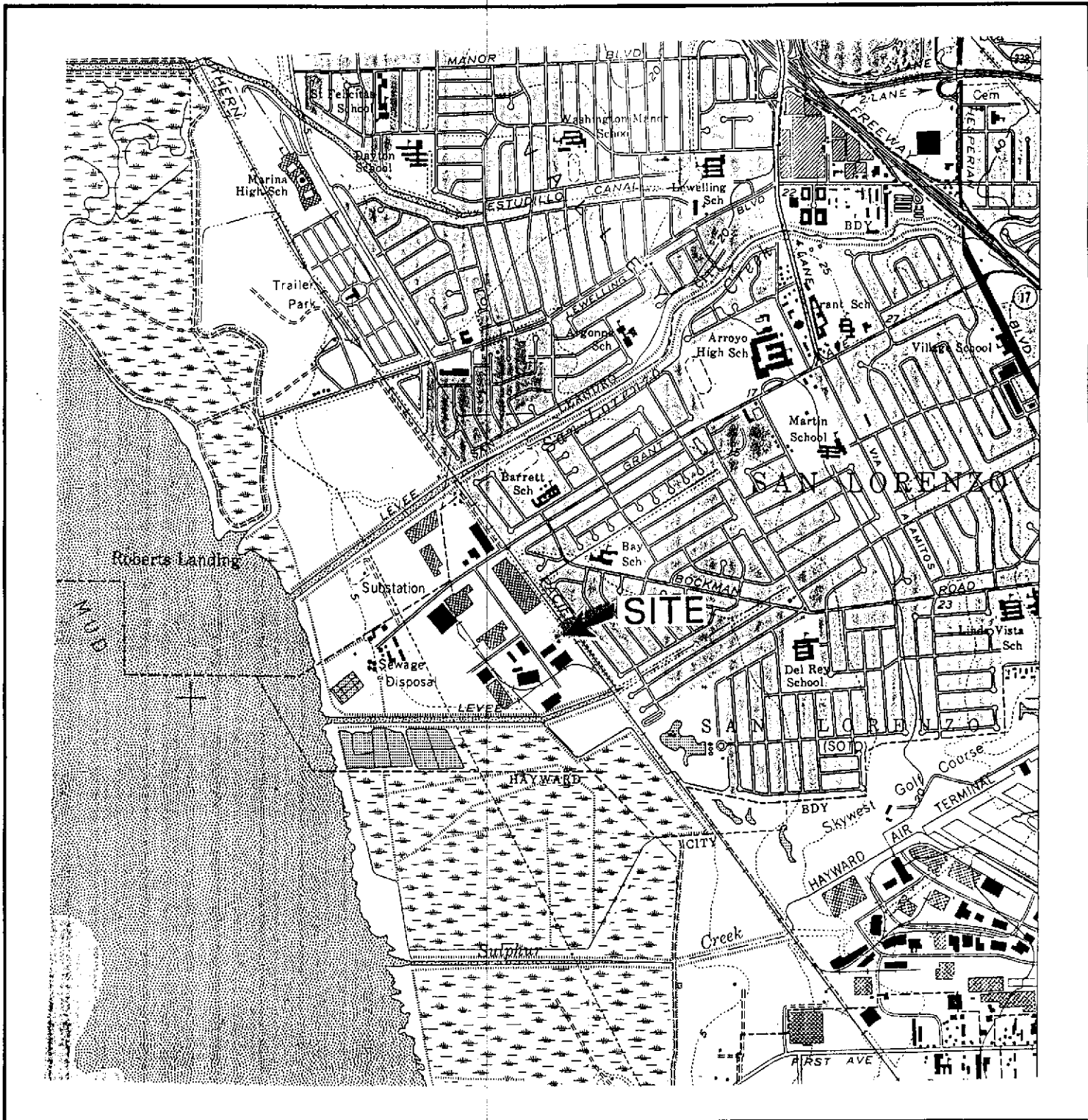
TABLE 3  
SUMMARY OF LABORATORY ANALYTICAL RESULTS  
2.0-FOOT DEPTH SOIL SAMPLES  
(Samples Collected on July 18, 2002)

Sample No.	Lead (TTLC)
B7-2.0	11
B9-2.0	10
B10-2.0	9.9
B11-2.0	9.9
B13-2.0	5.0
B14-2.0	8.3

Notes:

ND = Not Detected.

Results are in ppm (mg/kg), unless otherwise indicated.

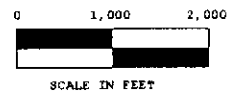


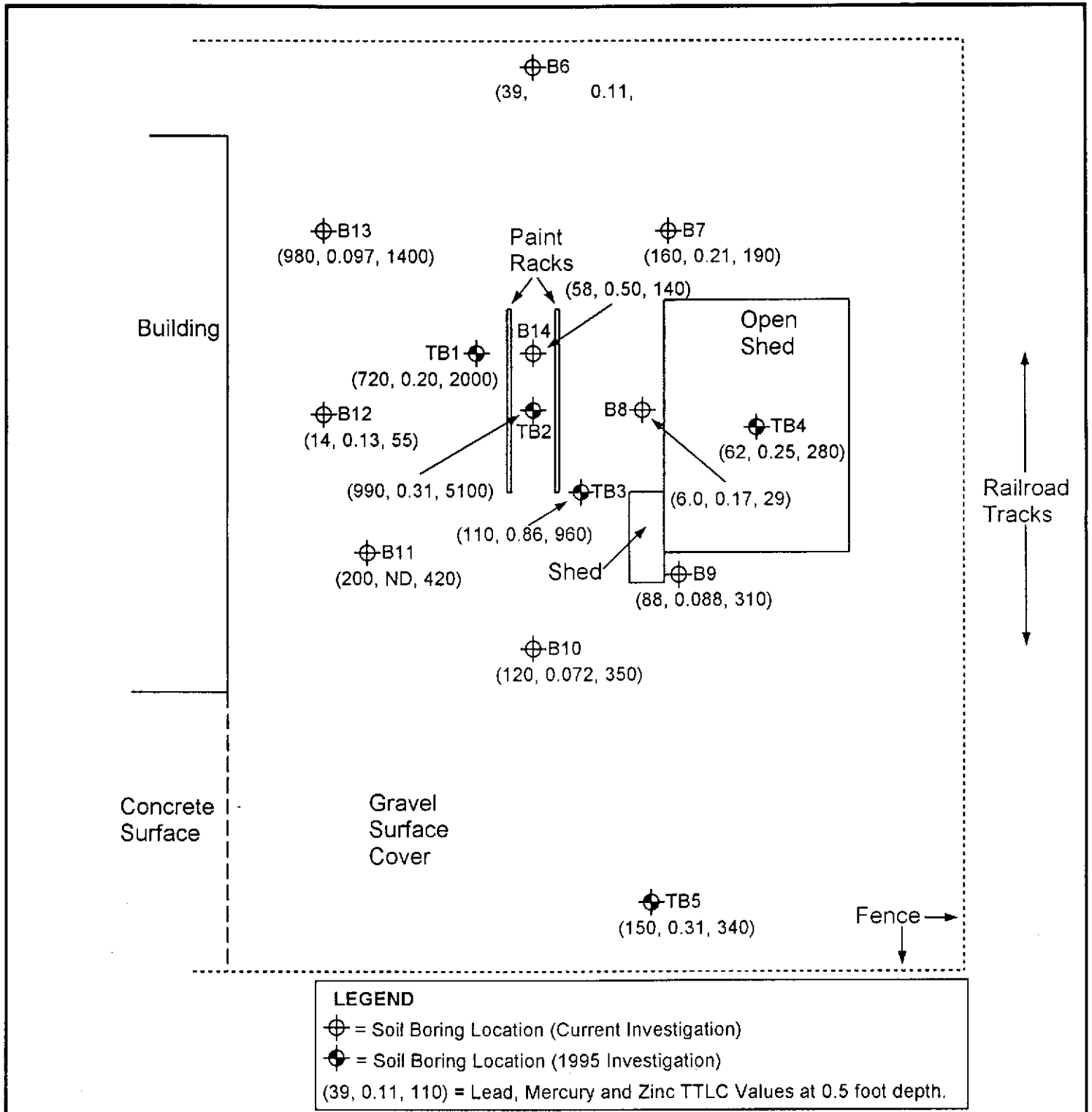
**FIGURE 1**  
**SITE LOCATION MAP**  
 Pacific Rolling Door  
 15900 Worthley Drive  
 San Lorenzo, California



Base Map From:  
 U.S. Geological Survey  
 San Leandro, Calif.  
 7.5 Minute Quadrangle  
 Photorevised 1980

RGA Environmental, Inc.  
 4701 Doyle Street  
 Suite 14  
 Emeryville, CA 94608





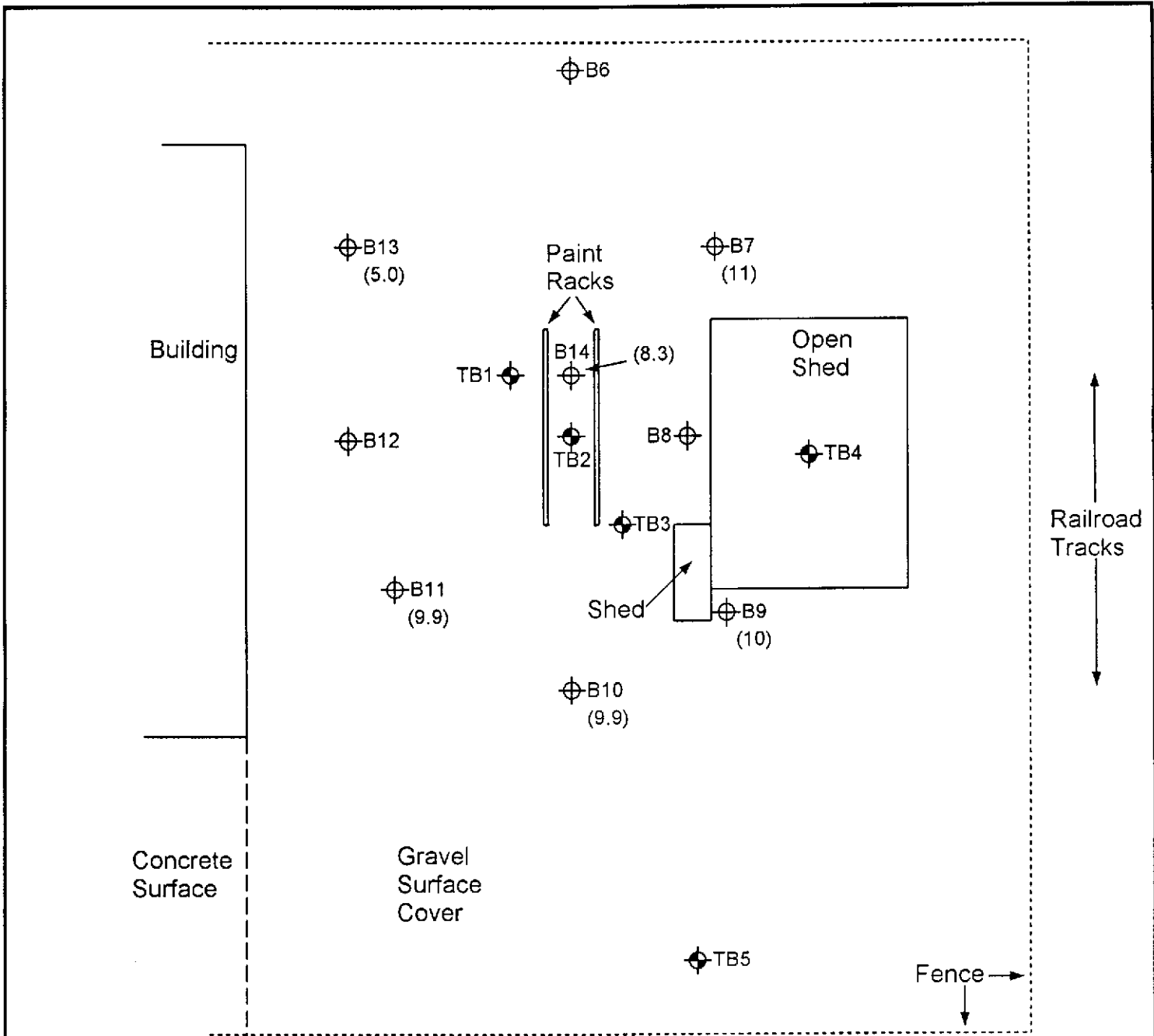
**FIGURE 2  
SITE PLAN**  
Pacific Rolling Door  
15900 Worthley Drive  
San Lorenzo, California



Base Map From:  
RGA Environmental  
July, 2002

RGA Environmental, Inc.  
4701 Doyle Street  
Suite 14  
Emeryville, CA 94608





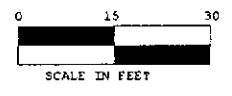
**LEGEND**  
 ⊕ = Soil Boring Location (Current Investigation)  
 ⊙ = Soil Boring Location (1995 Investigation)  
 (11) = Lead TTLC Values at 2.0 foot depth.

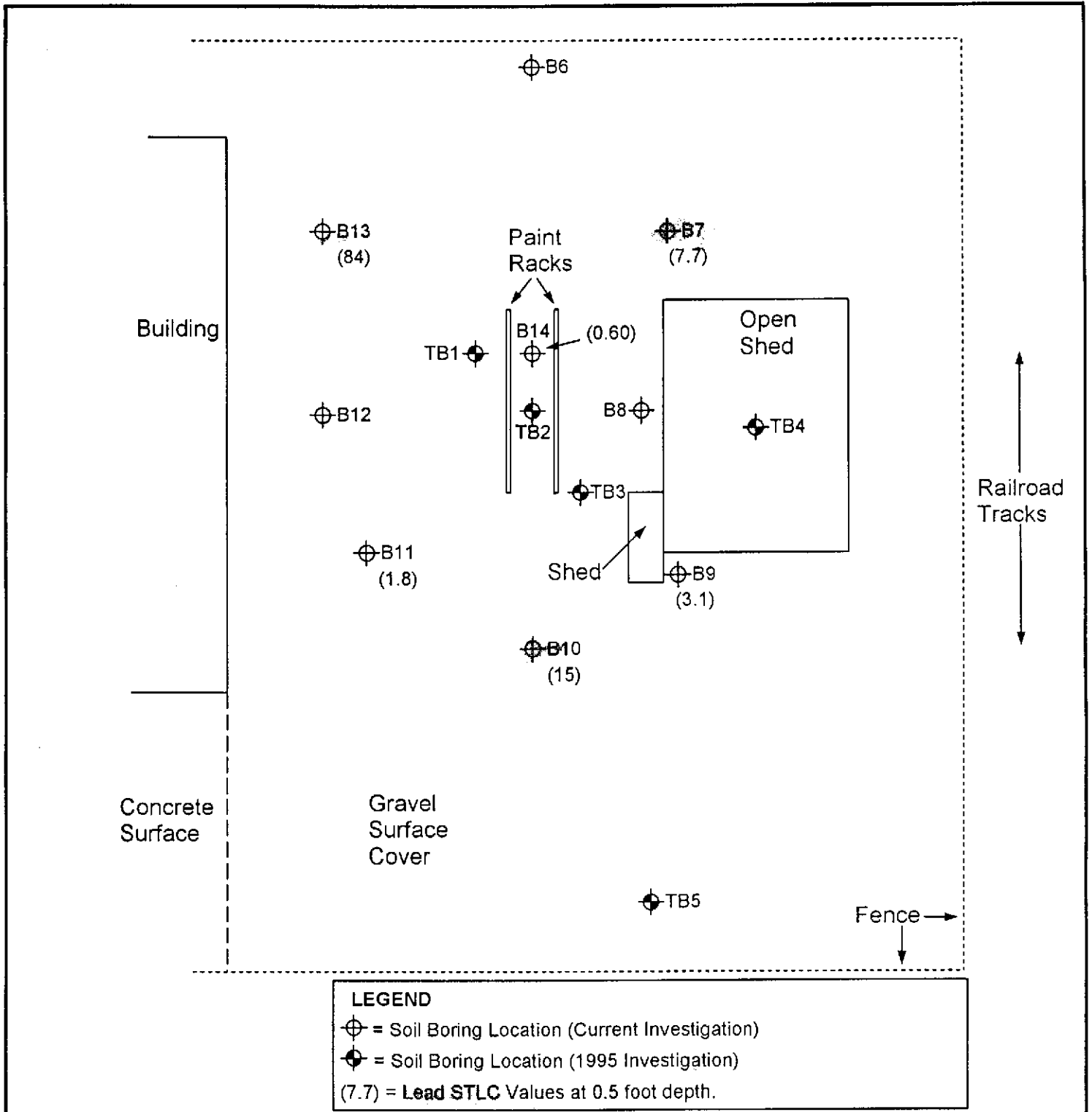
**FIGURE 3  
 SITE PLAN**  
 Pacific Rolling Door  
 15900 Worthley Drive  
 San Lorenzo, California



Base Map From:  
 RGA Environmental  
 July, 2002

RGA Environmental, Inc.  
 4701 Doyle Street  
 Suite 14  
 Emeryville, CA 94608



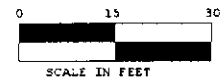


**FIGURE 4  
SITE PLAN**  
Pacific Rolling Door  
15900 Worthley Drive  
San Lorenzo, California



Base Map From:  
RGA Environmental  
July, 2002

RGA Environmental, Inc.  
4701 Doyle Street  
Suite 14  
Emeryville, CA 94608



McCampbell Analytical Inc.				110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone: 925-798-1620 Fax: 925-798-1622 http://www.mccampbell.com E-mail: man@eccampbell.com			
RGA Environmental 4701 Doyle Street, Suite #14 Emeryville, CA 94608-2947	Client Project ID: #PRD7785; Pacific Rolling Door			Date Sampled: 07/18/02			
	Client Contact: Paul King			Date Received: 07/19/02			
	Client P.O.:			Date Extracted: 07/19/02			
				Date Analyzed: 07/23/02-07/26/02			
ICP Metals*							
Extraction method: SW3050B		Analytical methods: 6010C			Work Order: 6207261		
Lab ID	Client ID	Matrix	Extraction	Lead	Zinc	DF % SS	
001A	B6-0.5	S	TTLIC	39	110	1 85.5	
003A	B7-0.5	S	TTLIC	160	190	1 85.0	
005A	B8-0.5	S	TTLIC	6.0	29	1 81.2	
007A	B9-0.5	S	TTLIC	88	310	1 88.6	
009A	B10-0.5	S	TTLIC	120	350	1 107	
011A	B11-0.5	S	TTLIC	200	420	1 100	
013A	B12-0.5	S	TTLIC	14	55	1 88.1	
015A	B13-0.5	S	TTLIC	980	1400	1 87.7	
017A	B14-0.5	S	TTLIC	58	140	1 84.3	
Reporting Limit for DF =1; ND means not detected at or above the reporting limit		W	TTLIC	NA	NA	NA	
		S	TTLIC	3.0	1.0	mg/Kg	
* water samples are reported in mg/L, soil/sludge/solid/product samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / DISTLC / SPLP extracts in mg/L.							
ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.							
Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water- Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipes - As, Se, Tl); 7471B (Hg).							
DISTLC extractions are performed using STLC methodology except that deionized water is substituted for citric acid buffer as the extraction fluid. DISTLC results are not applicable to STLC regulatory limits.							
i) liquid sample that contains greater than ~2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations; z) reporting limit raised due to matrix interference.							

DHS Certification No. 1644



Edward Hamilton, Lab Director

Lab ID		Client ID	Matrix	Extraction	Mercury	DF	% SS
0207261-001A		H6-0.5	S	TTLIC	0.11	1	N/A
0207261-003A		B7-0.5	S	TTLIC	0.21	1	N/A
0207261-005A		B8-0.5	S	TTLIC	0.17	1	N/A
0207261-007A		B9-0.5	S	TTLIC	0.088	1	N/A
0207261-009A		B10-0.5	S	TTLIC	0.072	1	N/A
0207261-011A		B11-0.5	S	TTLIC	ND	1	N/A
0207261-013A		B12-0.5	S	TTLIC	0.13	1	N/A
0207261-015A		B13-0.5	S	TTLIC	0.097	1	N/A
0207261-017A		B14-0.5	S	TTLIC	0.50	1	N/A
Reporting Limit for DF = 1; ND means not detected at or above the reporting limit		W	TTLIC	NA	mg/L		
		S	TTLIC	0.06	mg/Kg		

\* water samples are reported in mg/L, soil/sludge/solid/product samples in mg/kg, wipes in ug/wipe and all TCLP / STLC / DISTLC / SPL extracts in mg/L.


ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

Analytical Methods: EPA 6010C/200.7 for all elements except: 200.9 (water- Sb, As, Pb, Se, Tl); 245.1 (Hg); 7010 (sludge/soil/solid/oil/product/wipes - As, Se, Tl); 7471B (Hg).

DISTLC extractions are performed using STLC methodology except that deionized water is substituted for citric acid buffer as the extraction fluid. DISTLC results are not applicable to STLC regulatory limits.

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

DHS Certification No. 1644

 Edward Hamilton, Lab Director







2.546



ENVIRONMENTAL INC.

4701 DOWLE ST. #14

FAX: (510) 547-1983

TEL: (510) 547-7771

EMERYVILLE, CA 94608

ZRGA 100.doc

0207261

# CHAIN OF CUSTODY

Project Number: PRD 7785

Project Name: Pacific Rolling Door

Sampled By: (Printed and Signature): Paul H. King

No. of Containers:	Analysis(es):				Preservatives	Remarks
	TTLCC Pb	TTLCC Hg	TTLCC Zn	STLCC Pb 7-26-02		
1	X	X	X		None	Normal Turn Around
1	X	X	X			"HOLD"
1	X	X	X	(X)		Normal TAT
1	(X)	X	X			"HOLD"
1	X	X	X			Normal TAT
1	X	X	X			"HOLD"
1	X	X	X	(X)		Normal TAT
1	(X)	X	X			"HOLD"
1	X	X	X	(X)		Normal TAT
1	(X)	X	X			"HOLD"

Sample Number	Date	Time	Type	Sample Location
B6 - 0.5	7/18/02		Soil	
B6 - 2.0	"		"	
B7 - 0.5	"		"	
B7 - 2.0	"		"	
B8 - 0.5	"		"	
B8 - 2.0	"		"	
B9 - 0.5	"		"	
B9 - 2.0	"		"	
B10 - 0.5	"		"	
B10 - 2.0	"		"	
B11 - 0.5	"		"	
B11 - 2.0	"		"	

Relinquished By: (Signature): <u>Paul H. King</u>	Date: <u>7/19/02</u>	Time: <u>8:45</u>	Received By: (Signature): <u>ER</u>	Total No. of Samples: <u>12</u>	Total No. of Containers: <u>12</u>	Laboratory: <u>MCCampbell Analytical</u>
Relinquished By: (Signature): <u>ER</u>	Date: <u>7/19/02</u>	Time: <u>12:55</u>	Received By: (Signature):	Laboratory Contact: <u>Angela Rydelius</u>	Laboratory Phone Number: <u>925-798-1620</u>	
Relinquished By: (Signature):	Date:	Time:	Received For Laboratory By (Signature): <u>[Signature]</u>	Sample Analysis Request Sheet Attached ( ) Yes (X) No		

Comments:

IDEAL SPACE ABSENT

PRESERVATION APPROPRIATE CONTAINERS

VOAS  CING  METALS  OTHER

If ~~PRD~~ 10x STLCC Result < TTLCC  
 Run WET and corresponding sample designated - 2.0 for the metal requiring WET in the O.S. sample  
 TPO W

Sent By: McCampbell Analytical, Inc. 1 925 798 4612; Aug-2-02 12:20PM; Page 2



ENVIRONMENTAL INC.

4701 DOYLE ST. #14

FAX: (510) 547-1983

TEL: (510) 547-7771

EMERYVILLE, CA 94608

# CHAIN OF CUSTODY

Project Number: **PRD 7785** Project Name: **Pacific Rolling Door**

Sampled By: (Printed and Signature): **Paul H. King**

No. of Containers	Analysis(es):					Preservatives	Remarks
	TTLC Pb	TTLC Pb	TTLC Hg	STLC Pb	STLC Hg		
1	x	x	x			None	Normal Turn Around
1	x	x	x			"	" HOLD "
1	x	x	x			"	Normal TAT
1	(x)	x	x			"	" HOLD "
1	x	x	x			"	Normal TAT
1	(x)	x	x			"	" HOLD "

Sample Number	Date	Time	Type	Sample Location
B12-0.5	7/18/02		Soil	
B12-2.0	"		"	
B13-0.5	"		"	
B13-2.0	"		"	
B14-0.5	"		"	
B14-2.0	"		"	

Relinquished By: (Signature): <b>Paul H. King</b>	Date: <b>7/19/02</b>	Time: <b>8:45</b>	Received By: (Signature): <b>ER</b>	Total No. of Samples: <b>6</b>	Total No. of Containers: <b>6</b>	Laboratory: <b>McC Campbell Analytical</b>
Relinquished By: (Signature): <b>ER 205</b>	Date: <b>7/19/02</b>	Time: <b>12:55</b>	Received By: (Signature):	Laboratory Contact: <b>Angela Rydelius</b>	Laboratory Phone Number: <b>925-798-1622</b>	
Relinquished By: (Signature):	Date:	Time:	Received For Laboratory By: (Signature): <b>Theresa</b>	Sample Analysis Request Sheet Attached ( ) Yes (X) No		

Comments:

VOAS | O&G | METALS | OTHER

IDEAL  PRESERVATION

EXTRA CONDITION  APPROPRIATE

HEAD SPACE ABSENT  CONTAINERS

if 10x STLC < Result < TTLC, Run WET and corresponding sample designated - 2.0 for the metal requiring WET in the 15 samples

Sent By: McCampbell Analytical, Inc.; 1 925 798 4612; AUG-2-02 12:21PM; Page 3/6

**McC Campbell Analytical Inc.**

110 Second Avenue South, #D7  
 Pacheco, CA 94553-5560  
 (925) 798-1620

**CHAIN-OF-CUSTODY RECORD**

WorkOrder: 0207261

**Client:**

RGA Environmental  
 4701 Doyle Street, Suite #14  
 Emeryville, CA 94608-2947

TEL: (510) 547-7771  
 FAX: (510) 547-1983  
 ProjectNo: #PRD7785; Pacif  
 PO:

19-Jul-02

Sample ID	ClientSampID	Matrix	Collection Date	Bottle	Requested Tests	
					6010C	SW7471B
0207261-001	B6-0.5	Soil	7/18/02	A	A	
0207261-002	B6-2.0	Soil	7/18/02	A	A	
0207261-003	B7-0.5	Soil	7/18/02	A	A	
0207261-004	B7-2.0	Soil	7/18/02	A	A	
0207261-005	B8-0.5	Soil	7/18/02	A	A	
0207261-006	B8-2.0	Soil	7/18/02	A	A	
0207261-007	B9-0.5	Soil	7/18/02	A	A	
0207261-008	B9-2.0	Soil	7/18/02	A	A	
0207261-009	B10-0.5	Soil	7/18/02	A	A	
0207261-010	B10-2.0	Soil	7/18/02	A	A	
0207261-011	B11-0.5	Soil	7/18/02	A	A	
0207261-012	B11-2.0	Soil	7/18/02	A	A	
0207261-013	B12-0.5	Soil	7/18/02	A	A	
0207261-014	B12-2.0	Soil	7/18/02	A	A	
0207261-015	B13-0.5	Soil	7/18/02	A	A	
0207261-016	B13-2.0	Soil	7/18/02	A	A	

**Comments:**

Date/Time

Date/Time

Relinquished by: \_\_\_\_\_

Received by: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Received by: \_\_\_\_\_

Relinquished by: \_\_\_\_\_

Received by: \_\_\_\_\_

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

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

**McC Campbell Analytical Inc.**

110 Second Avenue South, #D7  
Pacheco, CA 94553-5560  
(925) 798-1620

**CHAIN-OF-CUSTODY RECORD**

WorkOrder: 0207261

**Client:**

RGA Environmental  
4701 Doyle Street, Suite #14  
Emeryville, CA 94608-2947

TEL: (510) 547-7771  
FAX: (510) 547-1983  
ProjectNo: #PRD7785; Pacif  
PO:

19-Jul-02

Sample ID	ClientSampID	Matrix	Collection Date	Bottle	Requested Tests	
					6010C	SW7471B
0207261-017	B14-0.5	Soil	7/18/02		A	A
0207261-018	B14-2.0	Soil	7/18/02		A	A

**Comments:**

	Date/Time		Date/Time
Relinquished by:		Received by:	
Relinquished by:		Received by:	
Relinquished by:		Received by:	

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

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Sent By: McC Campbell Analytical, Inc.; 1 925 798 4612; JUL-26-02 4:11PM; Page 4/7