

RECEIVED

10:13 am, Apr 13, 2009

Alameda County
Environmental Health

December 14, 2007

Mr. Steven Plunkett
Alameda County Environmental Health Services
Hazardous Materials Specialist
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Re: Soil and Groundwater Investigation Letter Report
Fordham Properties, 5515 Doyle Street, Emeryville, California
Perjury Statement**

Dear Mr. Plunkett:

Regarding the attached report, I make the following statement: I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Very truly yours,

Ronald J. Silberman
President
Fordham Properties, Inc.

Attachment

ENVIRON

April 8, 2009

Ms. Barbara Jakub, P.G.
Alameda County Environmental Health Services
Hazardous Materials Specialist
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

**Re: Addendum to Soil and Groundwater Investigation Letter Report
Fuel Leak Case No. RO0000376 and Geotracker Global ID T0600101903
Fordham Properties, 5515 Doyle Street, Emeryville, California**

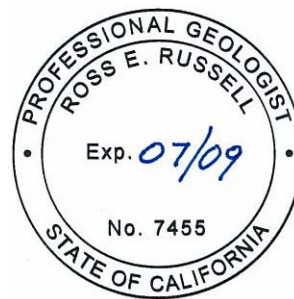
On behalf of Fordham Properties, ENVIRON International Corporation (ENVIRON) is pleased to present this addendum to the above-referenced letter report. The addendum provides the signature page of the original report, including signatures. In addition, the addendum provides two additional attachments: Attachment D (Boring Logs) and Attachment E (Boring Permit). This addendum is being provided in response to your January 30, 2009 letter sent to Mr. Ron Silberman of Fordham Properties. The addendum will be uploaded to the Alameda County FTP site as an unsecured PDF document.

Please contact Mr. Ross Russell of ENVIRON if you have any questions or concerns.

Very Truly Yours,



Ross Russell, P.G.
Project Manager



cc: Mr. Ron Silberman, Fordham Properties

Attachments

A. Letter Report Addendum

ATTACHMENT A

LETTER REPORT ADDENDUM

Includes:

- 1. Signed signature page for the Dec. 14, 2007 Report**
- 2. Attachment D: Boring Logs**
- 3. Attachment E: Boring Permit**

Please contact Mr. Ross Russell at 510-420-2520 should you have any questions.



Norman T. Ozaki, Ph.D., Principal

December 14, 2007

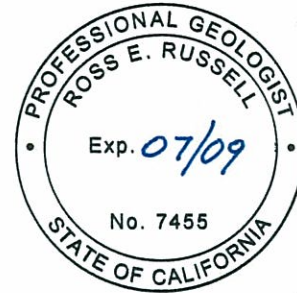
Date



Ross E. Russell, P.G., Senior Associate

December 14, 2007

Date



cc: Mr. Ron Silberman, Fordham Properties

Attachments

- A. Tables
- B. Figures
- C. Laboratory Analytical Report
- D. Boring Logs
- E. Boring Permit

References:

1. SOMA, 1995. Soil Remediation Activities: Fordham Property, 5515 Doyle Street, Emeryville, California. Prepared for Mr. Ronald Silberman, Fordham Properties.
2. SOMA, 1998. Work Plan for Limited Groundwater Investigation, 5515 Doyle Street Property, Emeryville, California. Prepared for Mr. Ronald Silberman, Fordham Properties.
3. ENVIRON, 2007. Work Plan for Soil and Groundwater Investigation, 5515 Doyle Street, Emeryville, California. Prepared for Mr. Ronald Silberman, Fordham Properties.

ATTACHMENT D
BORING LOGS

ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Site ID: SGW-1	Date(s): 11/14/07
Location: 5515 Doyle Street, Emeryville, CA	
Logged By: D. Clark	Checked By: R. Russell
Contractor: RSI	
Drilling Method: Direct Push	GS Elevation: n/a TOC Elevation: n/a
Sampling Method: Continuous core	North: n/a East: n/a
<u>Well Construction:</u>	
Blank Casing: Temporary PVC 0-10 ft	Borehole Dia.: 2.25 inches Total Depth: 20.0 feet
Screen: 0.010 inch 10-20 ft	Project Number: 03-18392A
Annular Fill: None N/A	Project Name: Fordham Properties
Remarks: Groundwater sample collected from temporary PVC casing screened 10-20 ft.	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	USCS Code	Material Description	Water Level	Well Construction
		No Recovery						No recovery.		
	5				ND	CL	CL	CLAY with sand (CL), VERY DARK GRAYISH BROWN (10YR 3/2); stiff, damp, low plasticity, low toughness, trace gravel, trace tan mottling (5% gravel, 25% sand, 70% fines). No recovery.		
					ND	CL	CL	GRAVELLY CLAY (CL), GRAYISH BROWN (2.5Y 5/2); stiff, moist, medium plasticity, medium toughness (20% gravel, 10% sand, 70% fines). At 8 ft: color becomes dark gray (10YR 4/1).		
	10		SG1-10 / SG7-10 (dup)	0840 / 0845		CL	CL	SILTY CLAY (CL), GRAYISH BROWN (10YR 5/2); medium stiff, moist to wet, medium plasticity, medium toughness (0% gravel, 0% sand, 100% fines). At 11.5 ft: 2-inch interval of wet gravelly clay with trace dark gray and rusty mottling.	▽	
	15				ND			At 14.5 ft: becomes moist. At 15 ft: color becomes light yellowish brown (2.5Y 6/4).		
	20		SG1-19.5	0920	ND	CL	CL	SANDY CLAY (CL), LIGHT YELLOWISH BROWN (2.5Y 6/4); stiff moist, low plasticity, low toughness, trace gravel (10% gravel, 30% sand, 60% fines).		
	25							Boring completed at a depth of 20.0 ft below ground surface (bgs) on 11/14/07. Groundwater encountered at a depth of 10 ft bgs on 11/14/07. Measured groundwater parameters: pH: 7.21, conductivity: 0.506 mS/cm, and temperature: 26.4 degrees C Borehole grouted to surface on 11/14/07.		

Sample Graphics

Core Interval

No Recovery

▽ First encountered ground water

ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Site ID: **SGW-2** Date(s): **11/14/07**
 Location: **5515 Doyle Street, Emeryville, CA**
 Logged By: **D. Clark** Checked By: **R. Russell**

Contractor: **RSI**

Drilling Method: **Direct Push**

GS Elevation: **n/a** TOC Elevation: **n/a**

Sampling Method: **Contiuous core**

North: **n/a** East: **n/a**

Well Construction:

Blank Casing: Temporary PVC 0-10 ft
 Screen: 0.010 inch 10-20 ft
 Annular Fill: None N/A

Borehole Dia.: **2.25 inches** Total Depth: **20.0 feet**

Project Number: **03-18392A**

Project Name: **Fordham Properties**

Remarks: **Former UST pit. Low recovery - debris in fill. Groundwater sample collected from temporary PVC casing screened 10-20 ft.**

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	USCS Code	Material Description	Water Level	Well Construction
					ND		GC	No recovery. FILL (GC), sand and clay mixed with gravel, brick, and concrete fragments.		
	5				ND		GC	No recovery. FILL (GC), sand and clay mixed with gravel, brick, and concrete fragments.		
	10		SG2-11.5	1415	ND		GC	No recovery. FILL (GC), sand and clay mixed with gravel, brick, and concrete fragments, moist to wet.	▽	
	15						GC	No recovery. FILL (GC), sand and clay mixed with gravel, brick, and concrete fragments.		
					3.5		CL	No recovery. SANDY CLAY (CL), GRAYISH BROWN (2.5Y 5/3); stiff, moist, medium plasticity, very fine sand (0% gravel, 30% sand, 70% fines).		
	20		SG2-19.5	1430	2.1		CL	No recovery. SANDY CLAY (CL), GRAYISH BROWN (2.5Y 5/3); stiff, moist, medium plasticity, very fine sand, trace gravel (5% gravel, 30% sand, 65% fines). At 19.5 ft: becomes wet. Boring completed at a depth of 20.0 ft below ground surface (bgs) on 11/14/07. Groundwater encountered at a depth of 11 ft bgs on 11/14/07. Measured groundwater parameters: pH: 7.19, conductivity: 0.585 mS/cm, and temperature: 21.9 degrees C. Borehole grouted to surface on 11/14/07.		

Sample Graphics
 Core Interval
 No Recovery

▽ First encountered ground water

ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Site ID:	SGW-3	Date(s):	11/14/07
Location:	5515 Doyle Street, Emeryville, CA		
Logged By:	D. Clark	Checked By:	R. Russell
Contractor: RSI			
Drilling Method:	Direct Push	GS Elevation:	n/a
Sampling Method:	Continuous core	TOC Elevation:	n/a
<u>Well Construction:</u>		North:	n/a
Blank Casing: Temporary PVC 0-10 ft		East:	n/a
Screen: 0.010 inch 10-20 ft		Borehole Dia.:	2.25 inches
Annular Fill: None N/A		Total Depth:	20.0 feet
		Project Number:	03-18392A
		Project Name:	Fordham Properties
		Remarks:	Groundwater sample collected from temporary PVC casing screened 10-20 ft.

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	USCS Code	Material Description	Water Level	Well Construction
								No recovery.		
	5						CL	SILTY CLAY (CL), BLACK (10YR 2/1); stiff, damp, medium plasticity, trace sand, tan mottling (0% gravel, 10% sand, 90% fines).		
								No recovery.		
					ND		CL	SILTY CLAY (CL), BLACK (10YR 2/1); very stiff, damp, medium plasticity, trace sand, tan mottling (0% gravel, 10% sand, 90% fines). At 6 ft: trace gravel and sand. At 7 ft: color becomes dark greenish gray (Gley 1 4/1), with dark staining and hydrocarbon odor, stiff.		
			SG3-9	1235	1251					
	10				1376			At 10.5 ft: no staining or hydrocarbon odor, 100% fines.		
			SG3-12	1246	13.2			At 12 ft: color becomes brown (10YR4/3), moist to wet.		
	15				ND			At 13.5 ft: color becomes grayish brown (2.5Y 5/3), moist.		
					ND			At 15.5 ft: trace gravel. At 16 ft: becomes very stiff.		
					ND			At 17.5 ft: increasing fine sand.		
	20		SG3-19.5	1300	ND			At 18.5 ft: becomes soft and wet.		
								Boring completed at a depth of 20.0 ft below ground surface (bgs) on 11/14/07. Groundwater encountered at a depth of 12 ft bgs on 11/14/07. Measured groundwater parameters: pH: 7.10, conductivity: 0.649 mS/cm, and temperature: 22.0 degrees C. Borehole grouted to surface on 11/14/07.		
	25									

Sample Graphics

Core Interval

No Recovery

First encountered ground water

ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Site ID:	SGW-4	Date(s):	11/14/07
Location:	5515 Doyle Street, Emeryville, CA		
Logged By:	D. Clark	Checked By:	R. Russell
Contractor: RSI			
Drilling Method:	Direct Push	GS Elevation:	n/a
		TOC Elevation:	n/a
Sampling Method:	Continuous core	North:	n/a
		East:	n/a
<u>Well Construction:</u>		Borehole Dia.:	2.25 inches
		Total Depth:	20.0 feet
Blank Casing: Temporary PVC	0-10 ft	Project Number: 03-18392A	
Screen: 0.010 inch	10-20 ft	Project Name: Fordham Properties	
Annular Fill: None	N/A	Remarks: Groundwater sample collected from temporary PVC casing screened 10-20 ft.	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	USCS Code	Material Description	Water Level	Well Construction
		No recovery.								
	5					CL	CL	<p>SILTY CLAY (CL), BLACK (10YR 2/1); medium stiff, damp, trace sand, tan mottling (0% gravel, 10% sand, 90% fines).</p> <p>No recovery.</p>		
					1465	CL	CL	<p>SILTY CLAY (CL), DARK GREENISH GRAY (5GY 4/1); very stiff, damp, medium plasticity, trace sand, hydrocarbon odor, with dark staining (0% gravel, 10% sand, 90% fines).</p> <p>At 7.5 ft: trace gravel.</p>		
	10		SG4-9	1330	1592					
								At 11.5 ft: color becomes brown (10YR 4/3).		
	15		SG4-12.5 SG8-12.5 (dup)	1340 / 1345	0.6			At 12.5 ft: becomes moist to wet.	▽	
								At 13.5 ft: wet.		
	20		SG4-19.5	1400				At 15.5 ft: soft.		
								At 16 ft: becomes stiff and moist.		
								At 16.5 ft: color becomes grayish brown (2.5Y 5/3).		
								At 18 ft: damp, trace fine sand.		
								At 18.5 ft: moist.		
								At 19.5 ft: wet, trace gravel.		
	25							<p>Boring completed to a depth of 20.0 ft below ground surface (bgs) on 11/14/07.</p> <p>Groundwater encountered at a depth of 12.5 ft bgs on 11/14/07.</p> <p>Measured groundwater parameters: pH: 7.33, conductivity: 0.650 mS/cm, and temperature: 20.8 degrees C.</p> <p>Borehole grouted to surface on 11/14/07.</p>		

Sample Graphics

Core Interval

No Recovery

▽ First encountered groundwater

ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Site ID: SGW-5	Date(s): 11/14/07
Location: 5515 Doyle Street, Emeryville, CA	
Logged By: D. Clark	Checked By: R. Russell

Contractor: RSI	
Drilling Method: Direct Push	GS Elevation: n/a TOC Elevation: n/a
Sampling Method: Continuous core	North: n/a East: n/a
<u>Well Construction:</u>	
Blank Casing: Temporary PVC 0-14 ft	Borehole Dia.: 2.25 inches Total Depth: 24.0 feet
Screen: 0.010 inch 14-24 ft	
Annular Fill: None N/A	Project Number: 03-18392A
Project Name: Fordham Properties	
Remarks: Groundwater sample collected from temporary PVC casing screened 14-24 ft.	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	USCS Code	Material Description	Water Level	Well Construction
		No Recovery						No recovery.		
	5		SG5-3	1055	ND		CL	SILTY CLAY (CL), BLACK (10YR 2/1); soft, damp to moist, medium plasticity, trace sand, with brown mottling (0% gravel, 5% sand, 95% fines). At 5.5 ft: color becomes brown (10YR 4/3), becomes sandy. At 7 ft: color becomes dark greenish gray (Gley 1 4/1) with dark staining, hydrocarbon odor. At 8.5 ft: gravelly, moist, strong hydrocarbon odor.	▽	
			SG5-6	1100	ND 344			At 11.5 ft: color becomes brown (10YR 4/3), moist to wet. At 12 ft: wet.		
	10		SG5-9	1130	790 782			At 14 ft: color becomes light olive brown (2.5Y 5/3).		
			SG5-11.5	1135	581 1.4 ND			At 16 ft: very stiff, moist.		
	15				ND			At 18 ft: medium stiff, trace coarse sand and gravel.		
					ND			At 19.5 ft: becomes sandy, wet.		
	20				ND			At 22 ft: gravelly, damp.		
			SG5-23.5	1205	ND			At 23 ft: soft, wet.		
	25							Boring completed at a depth of 24.0 ft below ground surface (bgs) on 11/14/07. Groundwater encountered at a depth of 11.5 ft bgs on 11/14/07. Measured groundwater parameters: pH: 7.19, conductivity: 0.587 mS/cm, and temperature: 22.2 degrees C. Borehole grouted to surface on 11/14/07.		

Sample Graphics
 Core Interval
 No Recovery








▽ First encountered ground water



ENVIRON

6001 Shellmound Street, Suite 700, Emeryville, CA 94608

Site ID: SGW-6	Date(s): 11/14/07
Location: 5515 Doyle Street, Emeryville, CA	
Logged By: D. Clark	Checked By: R. Russell

Contractor: RSI	
Drilling Method: Direct Push	GS Elevation: n/a TOC Elevation: n/a
Sampling Method: Continuous core	North: n/a East: n/a
<u>Well Construction:</u>	
Blank Casing: Temporary PVC 0-10 ft	Borehole Dia.: 2.25 inches Total Depth: 20.0 feet
Screen: 0.010 inch 10-20 ft	
Annular Fill: None N/A	Project Number: 03-18392A
Project Name: Fordham Properties	
Remarks: Groundwater sample collected from temporary PVC casing screened 10-20 ft.	

Elevation (ft)	Depth (ft)	Sample Interval	Sample No.	Time	PID (ppm)	Graphic Log	USCS Code	Material Description	Water Level	Well Construction
								No recovery.		
	5				ND		CL	SILTY CLAY (CL), BLACK (10YR 2/1) ; soft, damp to moist, medium plasticity, trace sand (0% gravel, 10% sand, 90% fines). At 3 ft: very stiff, damp, low plasticity, trace sand and gravel.		
					ND		CL	SILTY CLAY (CL), GRAYISH BROWN (2.5Y 5/2) ; stiff, damp, low plasticity, trace sand and gravel (5% gravel, 10% sand, 85% fines).		
	10		SG6-10	0955	9.8 1046		GC	At 8 ft: color becomes dark greenish gray (Gley 1 4/1) with dark staining, very stiff to hard, hydrocarbon odor. CLAYEY GRAVEL with sand (GC), DARK GREENISH GRAY (5GY 4/1) ; dense, moist to wet, angular gravel to 1/2 inch, dense, dark staining, hydrocarbon odor (55% gravel, 20% sand, 25% fines).	▽	
					43.5		CL	CLAY with sand (CL), DARK GREENISH GRAY (5GY 4/1) ; medium stiff, moist to wet, medium plasticity, very fine sand, dark staining, hydrocarbon odor (0% gravel, 15% sand, 85% fines).		
	15				ND					
					ND					
	20		SG6-19.5	1040	ND		SC	CLAYEY SAND with gravel (SC), YELLOWISH BROWN (10YR 5/6) ; medium dense, damp to moist, angular gravel (25% gravel, 60% sand, 15% fines).		
								Boring completed at a depth of 20.0 ft below ground surface (bgs) on 11/14/07.		
								Groundwater encountered at a depth of 9 ft bgs on 11/14/07.		
								Measured groundwater parameters: pH: 7.29, conductivity: 0.671 mS/cm, and temperature: 21.0 degrees C.		
	25									

Sample Graphics
 Core Interval
 No Recovery

▽ First encountered ground water

ATTACHMENT E
BORING PERMIT

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 11/05/2007 By jamesy

Permit Numbers: W2007-1127
Permits Valid from 11/14/2007 to 11/15/2007

Application Id: 1194027205009
Site Location: 5515 Doyle St, Emeryville, CA 94608
Project Start Date: 11/14/2007

City of Project Site: Emeryville

Completion Date: 11/15/2007

Applicant: Environmental International Corporation - Daniel
C Clark
6001 Shellmound St #700, Emeryville, CA 94608

Phone: 510-420-2563

Property Owner: Fordham Properties c/o Ron Silberman
5835 Doyle St #101, Emeryville, CA 94608

Phone: --

Client: ** same as Property Owner **

Total Due: \$200.00
Receipt Number: WR2007-0490 Total Amount Paid: \$200.00
Payer Name : Environ International Corporation Paid By: CHECK PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 6 Boreholes
Driller: RSI Drilling - Lic #: 802334 - Method: DP

Work Total: \$200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-1127	11/05/2007	02/12/2008	6	3.00 in.	20.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

Alameda County Public Works Agency - Water Resources Well Permit

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
 6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
 7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
 8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
-