

Appendix C

OFFICE OF WASTE MANAGEMENT –  
SITE REMEDIATION SECTION  
HAZARDOUS MATERIAL RELEASE NOTIFICATION FORM

THIS FORM IS NOT TO BE USED TO REPORT AN IMMINENT HAZARD

1. Notifier Information

Name: Bay Spring Realty Company

Address: 909 North Main Street, Providence, RI 02904

Phone: (401) 277-0300

Status:  Owner  Operator  Secured Creditor  Voluntary

2. Property Information

Name of Site:

Site Address: 90 Bay Spring Avenue, Barrington, Rhode Island

Plat/Lot Numbers: Map 2 / Lot 154

Approximate Site Acreage: 5.57

Latitude/Longitude: 41° 44' 50.64" / 71° 20' 47.04"

Site Contact Person: Mr. Andrew Schuster

Site Contact Phone: (401) 277-0300

Site Land Usage Type:  Residential  Industrial/Commercial

Location of Release: See attached Site Plan.

(attach site sketch as necessary)

3. Release Information

Date of Discovery: December 2012

Source: Former use of Site as artificial leather manufacturer

Release Media: Soil and Groundwater

Hazardous Materials and Concentrations: See attached Table.

(attach certificates of analysis as necessary)

Extent of Contamination: See attached Site Plan.

Approximate acreage of Contaminated Site: Unknown (total Site acreage is 5.57)

4. Resource Information

Site Land Usage:  Industrial/Commercial  Residential

Adjacent Land Usage:  Industrial/Commercial  Residential

Site Groundwater Class:  GA/GAA  GB

Adjacent Groundwater Class:  GA/GAA  GB  
(if different than site groundwater classification within 500 feet)

Nearest Surface Water or Wetland:

Less Than 500 Feet  Greater Than 500 Feet

Potential for adverse impact  Yes/No

5. Potentially Responsible Parties

Name: Mr. Andrew Schuster, Bay Spring Realty Company  
Address: 909 North Main Street, Providence, RI 02904

Status:  Owner  Operator  Other:

Name: \_\_\_\_\_

Address:

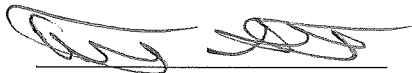
Status:  Owner  Operator  Other:

6. Measures Taken or Proposed to be Taken in Response to Release

7. Other Significant Remarks About Release (Will a background determination be made?)

UST and Soil excavation, removal and off-Site disposal

Signature:



Date 5/16/13

Title:



TABLE 1  
SUMMARY OF SOIL ANALYTICAL RESULTS

DONEGAN & ASSOCIATES  
90 BAY SPRING AVENUE  
BARRINGTON, RHODE ISLAND

Sample Identification Depth Sampled (feet) Date Sampled	S-2	MW-2/S-3	MW-4/S-6	S-8	RCA-1	RCA-2	RCA-3	RIDEM Soil Criteria	
	8.3	5.5	5.0	5.0	0.5-2	0.5-1.5	0.5-2	Direct Exposure Criteria	
	11/21/2012	11/21/2012	11/21/2012	11/21/2012	2/13/2013	2/13/2013	2/13/2013	Residential	I/C
<b>PHOTOIONIZATION DETECTOR HEADSPACE SCREENING RESULTS (ppmv)</b>									
Total Organic Vapors	2.2	57.1	0.4	79.5	--	--	--	NS	NS
<b>VOLATILE ORGANIC COMPOUNDS (mg/kg)</b>									
1,2,4-Trimethylbenzene	0.0080	0.0321	<0.0057	<0.0027	--	--	--	NS	NS
1,3,5-Trimethylbenzene	0.0107	0.0165	<0.0057	<0.0027	--	--	--	NS	NS
Acetone	0.0968	9.93	<0.0568	<0.0266	--	--	--	7,800	10,000
Chloroform	<0.0041	0.0174	<0.0057	<0.0027	--	--	--	1.2	940
Ethylbenzene	<0.0041	0.325	<0.0057	<0.0027	--	--	--	71	10,000
Isopropylbenzene	<0.0041	0.0426	<0.0057	<0.0027	--	--	--	27	10,000
Naphthalene	0.0079	0.11	<0.0057	<0.0027	--	--	--	54	10,000
Styrene	<0.0041	0.127	<0.0057	<0.0027	--	--	--	13	190
Toluene	<0.0041	0.0452	<0.0057	<0.0027	--	--	--	190	10,000
Xylene O	<0.0041	1.34	<0.0057	<0.0027	--	--	--	110	10,000
Xylene P,M	<0.0081	2.11	<0.0114	<0.0053	--	--	--	110	10,000
Xylenes (Total)	<0.0122	3.45	<0.017	<0.008	--	--	--	110	10,000
All other VOCs	ND	ND	ND	ND	--	--	--	NS	NS
<b>TOTAL METALS (mg/kg)</b>									
Arsenic	--	--	18.9	<1.24	25.7	5.4	6.0	7	7
Barium	--	--	65.6	5.8	43.6	21.3	13.5	5,500	10,000
Cadmium	--	--	<0.57	<0.5	<0.5	<0.57	<0.56	39	1,000
Chromium (Total)	--	--	12.9	2.1	6.4	7.7	20.5	1,400	10,000
Lead	--	--	79.9	<5	38.3	31.0	31.3	150	500
Mercury	--	--	1.96	0.052	0.164	0.067	0.394	23	610
Selenium	--	--	<5.6	<5	<14.9	<5.7	<5.6	390	10,000
Silver	--	--	<0.57	<0.5	<0.5	<0.57	<0.56	200	10,000
<b>POLYNUCLEAR AROMATIC HYDROCARBONS / SEMI-VOLATILE ORGANIC COMPOUNDS (mg/kg)</b>									
2-Methylnaphthalene	--	--	<0.424	<0.36	<0.417	<0.399	<0.392	123	10,000
Acenaphthene	--	--	<0.424	<0.36	<0.417	<0.399	0.862	43	10,000
Acenaphthylene	--	--	<0.424	<0.36	<0.417	<0.399	<0.392	23	10,000
Anthracene	--	--	1.11	<0.36	<0.417	<0.399	1.21	35	10,000
Benzo(a)anthracene	--	--	3.34	<0.36	0.47	<0.399	4.09	0.9	7.8
Benzo(a)pyrene	--	--	2.27	<0.181	0.391	<0.2	3.14	0.4	0.8
Benzo(b)fluoranthene	--	--	3.83	<0.36	0.545	<0.399	4.14	0.9	7.8
Benzo(g,h,i)perylene	--	--	2.05	<0.36	<0.417	<0.399	1.25	0.8	10,000
Benzo(k)fluoranthene	--	--	1.17	<0.36	<0.417	<0.399	1.15	0.9	7.8
Chrysene	--	--	4.09	<0.181	0.499	<0.2	4.29	0.4	780
Dibenzo(a,h)Anthracene	--	--	0.910	<0.181	<0.209	<0.2	0.300	0.4	0.8
Fluoranthene	--	--	7.25	<0.36	1.16	<0.399	9.00	20	10,000
Fluorene	--	--	<0.424	<0.36	<0.417	<0.399	0.535	28	10,000
Indeno(1,2,3-cd)Pyrene	--	--	1.81	<0.36	<0.417	<0.399	1.22	0.9	7.8
Naphthalene	--	--	0.639	<0.36	<0.417	<0.399	<0.392	54	10,000
Phenanthrene	--	--	5.81	<0.36	0.733	<0.399	7.92	40	10,000
Pyrene	--	--	5.41	<0.36	0.932	<0.399	9.66	13	10,000
<b>NOTES:</b>									
ppmv = parts per million by volume.									
mg/kg = milligrams per kilogram.									
-- = Not analyzed.									
I/C = Industrial/Commercial									
NS = No standard promulgated.									
ND = Not detected above laboratory reporting limit.									
Bold concentrations exceed laboratory reporting limits.									
Red concentrations exceed the applicable RIDEM Residential Direct Exposure Criteria.									
Red underlined concentrations exceed the applicable RIDEM I/C Direct Exposure Criteria.									

TABLE 2  
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

DONEGAN & ASSOCIATES  
90 BAY SPRING AVENUE  
BARRINGTON, RHODE ISLAND

Sample Identification Date Sampled	MW-1	MW-2	MW-3		MW-4		MW-5	RIDEM Groundwater Objectives	
	11/26/2012	11/26/2012	11/26/2012	2/13/2013	11/26/2012	2/13/2013	11/26/2012	GA Objectives	GB UCLs
<b>VOLATILE ORGANIC COMPOUNDS (ug/L)</b>									
1,1,1-Trichloroethane	<1	<0.1	1.2	--	<1	--	<1	200	68,000
1,1-Dichloroethane	<1	<0.1	3	--	<1	--	<1	NS	NS
1,2,4-Trimethylbenzene	<1	<0.1	1	--	<1	--	4.5	NS	NS
1,3,5-Trimethylbenzene	<1	<0.1	<1	--	<1	--	139	NS	NS
4-Isopropyltoluene	<1	<0.1	<1	--	<1	--	9.4	NS	NS
Acetone	<10	10.4	102	--	<10	--	<10	NS	NS
Benzene	<1	<0.1	1.1	--	<1	--	<1	5	18,000
n-Propylbenzene	<1	<0.1	<1	--	<1	--	1.3	NS	NS
sec-Butylbenzene	<1	<0.1	<1	--	<1	--	1.3	NS	NS
Toluene	<1	<0.1	1.1	--	<1	--	<1	1,000	21,000
Xylene O	<1	1	2.2	--	<1	--	<1	10,000	NS
Xylene P,M	<2	<0.2	3.6	--	<2	--	<2	10,000	NS
Xylenes (Total)	<3	<0.3	5.8	--	<3	--	<3	NS	NS
All other VOCs	ND	ND	ND	--	ND	--	ND	NS	NS
<b>SEMI-VOLATILE ORGANIC COMPOUNDS (ug/L)</b>									
2-Methylnaphthalene	--	--	<0.2	--	<0.21	--	2.63	NS	NS
Acenaphthene	--	--	<0.2	--	<0.21	--	0.29	NS	NS
Acenaphthylene	--	--	0.3	--	<0.21	--	<0.2	NS	NS
Benzo(a)anthracene	--	--	<0.05	--	0.08	--	<0.05	NS	NS
Benzo(a)pyrene	--	--	0.08	--	<0.05	--	<0.05	0.2	NS
Benzo(b)fluoranthene	--	--	0.15	--	0.1	--	<0.05	NS	NS
Benzo(k)fluoranthene	--	--	0.05	--	<0.05	--	<0.05	NS	NS
Chrysene	--	--	0.09	--	0.1	--	<0.05	NS	NS
Indeno(1,2,3-cd)Pyrene	--	--	0.07	--	<0.05	--	<0.05	NS	NS
Naphthalene	--	--	0.62	--	<0.21	--	1.27	100	NS
All other SVOCs	--	--	ND	--	ND	--	ND	NS	NS
<b>TOTAL RCRA 8 METALS (mg/L)</b>									
Arsenic	--	--	0.0065	0.0027	0.0146	0.0206	<0.0025	0.01	NS
Barium	--	--	0.096	0.121	0.096	0.09	0.035	2	NS
Cadmium	--	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.005	NS
Chromium	--	--	<0.01	<0.01	0.01	0.021	<0.01	0.1	NS
Lead	--	--	0.053	0.03	0.012	0.03	<0.01	0.015	NS
Mercury	--	--	<0.0005	0.00055	<0.0005	0.00074	<0.0005	0.002	NS
Selenium	--	--	<0.025	<0.025	<0.025	<0.025	<0.025	0.05	NS
Silver	--	--	<0.005	<0.005	<0.005	<0.005	<0.005	NS	NS
<b>DISSOLVED RCRA 8 METALS (mg/L)</b>									
Arsenic	--	--	--	<0.0025	--	0.0123	--	0.01	NS
Barium	--	--	--	0.093	--	0.046	--	2	NS
Cadmium	--	--	--	<0.0025	--	<0.0025	--	0.005	NS
Chromium	--	--	--	<0.01	--	<0.01	--	0.1	NS
Lead	--	--	--	<0.01	--	<0.01	--	0.015	NS
Mercury	--	--	--	<0.0002	--	<0.0002	--	0.002	NS
Selenium	--	--	--	<0.025	--	<0.025	--	0.05	NS
Silver	--	--	--	<0.005	--	<0.005	--	NS	NS
<b>NOTES:</b>									
ug/L = micrograms per liter.									
mg/L = milligrams per liter.									
NS = No standard promulgated.									
ND = Not detected above laboratory reporting limit.									
-- = Not analyzed.									
Bold concentrations exceed concentrations exceed laboratory reporting limits.									
Red concentrations exceed the applicable RIDEM GA Groundwater Objectives.									