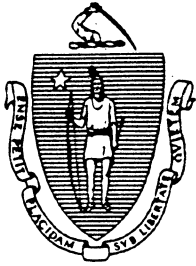


CN1, 2 of 11
9-10-98



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Metropolitan Boston - Northeast Regional Office

ARGEO PAUL CELLUCCI
Governor

AUG 12 1998

TRUDY COXE
Secretary

DAVID B. STRUHS
Commissioner

CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Polaroid Corporation
750 Main Street
Cambridge, MA 02139
Attention: Mr. James Harrison

RE: Cambridge
Polaroid Corp.
784 Memorial Dr.

REQUEST FOR INFORMATION

URGENT LEGAL MATTER PROMPT REPLY NECESSARY

M.G.L. c. 21E, §§ 2, 4, & 8

Dear Mr. Harrison:

The Massachusetts Department of Environmental Protection ("DEP" or the "Department") is conducting an audit of response actions at 784 Memorial Drive, Cambridge. As a part of this audit, the Department hereby issues this Request for Information ("RFI") pursuant to its authority to gather information, and to investigate, sample, and inspect records, conditions, equipment, practices, and property under M.G.L. c. 21E, §§ 2, 4, and 8, and under 310 CMR 40.0165.

Pursuant to these authorities, you (as used in this RFI the term "you" refers to Polaroid Corporation and/or anyone acting on Polaroid's behalf) are directed to provide the Department with the information and documents requested in this RFI before the close of business on September 11, 1998. This deadline constitutes an enforceable Interim Deadline pursuant to 310 CMR 40.0167. If you fail to fully and properly respond by the interim deadline, you could be subject to legal action including criminal prosecution, court-imposed civil penalties, and/or civil administrative penalties assessed by DEP.

Cambridge - 784 Memorial Drive

Page 2

Sources of information used to respond to this RFI should include, but should not be limited to: business records and correspondence; environmental assessment reports prepared by you or others; and interviews with present and former employees. Please refer to the attached "Definitions and General Instructions" in order to assist you further in responding to the RFI.

In responding to this RFI, please be aware that 310 CMR 40.0009(6) requires any person responding to an RFI issued by the Department to execute a written Declaration as set forth in 310 CMR 40.0009(1). For your convenience, a copy of the requisite Declaration is attached to this RFI as a separate page. This Declaration should be executed by the party to whom this RFI is directed and, therefore, should be signed by you and/or anyone authorized to act on your behalf.

The Department encourages you to give this matter your immediate attention and to respond within the time specified above. Your response should be sent to Jack Miano, Bureau of Waste Site Cleanup, 205a Lowell Street, Wilmington, Massachusetts 01887.

If you have any questions regarding this notice, please contact Jack Miano or Sharon Gobiell at (978) 661-7600 or the letterhead address.

Sincerely,



Richard J. Chalpin
Regional Engineer
Bureau of Waste Site Cleanup

cc: DEP Wilmington, Data Entry/Files
Cambridge Public Health Department, 1493 Cambridge Street, Cambridge, MA 02139
Attention: Sam Lipson
City of Cambridge, 795 Massachusetts Ave., Cambridge, MA 02139
Attention: Mayor's Office
City of Cambridge, Community Development Department, City Hall Annex, 57 Inman St., Cambridge, MA 02139, Attention: John Bolduc
Cambridgeport Neighborhood Initiative, c/o Mr. Stash Horowitz, 12 Florence Street, Cambridge, MA 02139-4639
GZA GeoEnvironmental, Inc., 320 Needham Street, Newton Upper Falls, MA 02164, Attention: Paul F. Reiter

**GENERAL INSTRUCTIONS FOR RESPONDING
TO THE ATTACHED REQUEST FOR INFORMATION**

I. Separate Numbered Responses; Document Production

A separate response must be made to each request set forth in the attached Request for Information. You are instructed to precede each response with the number of the request to which it corresponds. Where specific information has not been memorialized in any document but is nonetheless responsive to a request, you must respond to the request with a written response setting forth such information. You are further instructed to provide the Department with a photocopy of or access to each and every document which is responsive to a request. If any document or information responsive to a request is not in your possession, custody or control, you must identify the document or information, state that you do not have the document or information requested and, if you know, identify the person(s) from whom such document or information may be obtained.

II. Continuing Request

The attached Request for Information is continuing, and to the extent that the responses may be enlarged or modified by documents or information subsequently acquired by you, you are instructed to supplement your responses immediately upon acquisition of such documents or information.

III. Documents Claimed To Be Protected From Disclosure

You must provide the Department with access to or a photocopy of each and every document responsive to a request, unless you claim any such document is protected from disclosure.

For each and every document which you claim is protected from disclosure, you must separate the parts of the document which you claim are protected from the parts which you do not claim are protected. You must submit to the Department the parts of the document which you do not claim are protected from disclosure. You must also provide the Department with a statement as to the nature of the protected information and the basis of your claim that the information is protected from disclosure.

DEFINITIONS

Unless otherwise specified below, words and phrases used in the attached Request for Information shall have the meaning ascribed to such words and phrases by M.G.L. c. 21E, and/or 310 CMR 40.0000 et seq ("Massachusetts Contingency Plan"), unless the context clearly indicates otherwise.

The following definitions shall apply to the following words and phrases as they appear in the attached Request for Information, unless the context clearly indicates otherwise:

Communication means any manner or form of information or message transmission, however produced or reproduced, whether by document, orally, electronically, or otherwise, that is made, distributed and/or circulated between or among persons or data storage or processing units.

Department or DEP means the Massachusetts Department of Environmental Protection.

Document means and includes, in the plural as well as the singular, writings or recordings of any nature whatsoever, including, but not limited to, contracts, agreements, communications, correspondence, telegrams, memoranda, records, reports, waste site cleanup activity reports and opinions, logs, statistical statements, accounts, analytical records, minutes, summaries or records of meetings, conversations or conferences, consultant's reports, notes, bills, invoices, checks, and all other written, printed, recorded, electronic, magnetic or photographic matter, however produced or reproduced.

Identify means (a) **with respect to a natural person**, to state the person's full name, present or last known business and home address and telephone number; and the person's present or last known job title, position or business and responsibilities in that position; (b) **with respect to persons other than natural persons**, to state its proper name or designation; the address of its principal office; legal form (i.e., corporation, partnership, etc.); and a brief description of its business; and (c) **with respect to a document**, to state whether the document currently is in existence; the date the document bears or bore or if undated, the date it was written; the name and address of each person who wrote it or participated in the writing of it; the name and address of each person who received a copy of the document; a description of the type of document; a detailed summary of the contents of the document; its present location or custodian, or if unknown, its last known location or custodian; and if the document is no longer in existence or no longer is in your possession, custody or control, the disposition made of it, the reason(s) for such disposition and the date thereof.

Person means, in the plural as well as the singular, any agency or political subdivision of the federal, state or local government; any state, public or private corporation or authority; any individual, trust, firm, joint stock company, partnership, association or other entity; any officer, employee, or agent of such person; and any group of persons.

Site or Property means the real property located at 784 Memorial Drive, Cambridge Massachusetts.

You and your each mean Polaroid and/or anyone acting on Polaroid's behalf.

The words "and" as well as "or" shall be construed disjunctively or conjunctively as necessary to bring within the scope of the request all responses which might otherwise be construed to be outside its scope.

REQUEST FOR INFORMATION PURSUANT TO M.G.L. c. 21E
and 310 C.M.R. 40.0000 et seq.

According to information in the Department's files, the 5.5 acre Polaroid facility at 784 Memorial Drive, Cambridge, has been owned by Polaroid since 1967 and is used for film coating, film assembly, camera repair, research and development of film coating and machine shop operation. Prior to 1967, B.B. (Boston Blackening) Chemical Company, a subsidiary of United Shoe Machinery Company, owned the property. B.B. Chemical produced adhesives for shoe manufacture. The Dover Stamping Company conducted operations at the property from the late 1800's to approximately 1960. Sanborn maps from 1935 and 1950 indicate that the Dover Stamping Company activities included metal forging, tinning, metal stamping, galvanizing, lacquering and japanning (dark finish with carbon) of sheet metal. The operations of the Dover Stamping Company represent a substantial likelihood of the presence of metals in soil and/or groundwater at the property.

The information in the Department's files does not include any documentation of specific releases or waste streams of oil and/or hazardous materials during the period of operation by the Dover Stamping Company. According to a letter from the Cambridge Health Department to the Department of Environmental Protection, received by the Department on March 28, 1998, the property was also formerly used as an apple orchard. Arsenate pesticides were commonly used to spray apple orchards. It is the Department's understanding that proposed development for the property includes office and residential buildings. Based on the past use of the property, and the proposed activities and uses, and to ensure that any potential exposures to oil and/or hazardous materials by the public or the environment are identified and minimized, the Department is requesting the following information.

1. Identify the name of the current business(es) operating at this property, the State in which such business(es) was/were incorporated, the date(s) of its incorporation, the current owners and operators of the business(es) and the duration of the business(es) at the property.
2. Identify the current owner(s) of the 784 Memorial Drive Property and the date(s) the property was acquired by the current owner(s).
3. Please state whether you, anyone acting on your behalf, and/or anyone to your knowledge has conducted sampling, analysis, assessment, cleanup, containment or removal activities relative to the Property. If your answer is yes, please:
 - Describe in detail such sampling, analysis, assessment, cleanup, containment or removal activities;
 - Identify the person(s) conducting such sampling, analysis, assessment, cleanup, containment or removal activities;
 - State the purpose of such sampling, analysis, assessment, cleanup, containment or removal activities; and
 - Submit the results and/or reports relative to such sampling, analysis, assessment, cleanup, containment or removal activities.

4. Any information regarding the presence, current or past, of septic systems, dry wells and floor drains and/or leaching pits at the property.
5. Any information concerning the waste disposal practices of the Dover Stamping Company and the B.B. Chemical Company.
6. Any information concerning releases of metals or asbestos to the environment from the operations of the Dover Stamping Company, B.B. Chemical Company and/or Polaroid Corporation.
7. A description of any evidence of the presence of oil and/or hazardous materials observed or noticed in any media during construction demolition activities at the property.
8. Identify all parties involved with construction and demolition activities conducted at the property in 1997 and 1998.
9. Please state whether you or anyone contracting with you delivered, transported, hauled, disposed of or otherwise conveyed soil material excavated at the subject site to a location(s) other than the site itself. If your answer is yes, please:
 - State the number of deliveries of the excavated soil material;
 - State the date of each delivery;
 - Identify the quantity;
 - Identify the type (i.e. sand, gravel, boulders...);
 - Identify the specific location(s), including street address(es), where the excavated soil material was (were) delivered to;
 - Identify all person(s) involved with the delivery to the identified location(s), including the person or entity who excavated the soil material.
 - Identify the party(ies) for whom the delivery was made, and
 - Identify the purpose of the delivery.
 - Submit the results of all assessment, sampling or other testing of the soil, including the name or type and level of any oil and/or hazardous material (as these terms are defined in the Massachusetts Oil and Hazardous Materials List, 310 CMR 40.1600) detected in such fill material.
10. Please produce and submit a copy of all documents or records which relate to, refer to, or concern any information requested in this document with the exception of the following reports.

Cambridge - 784 Memorial Drive**Page 7**

The Department is in receipt of the following documents. These documents need not be submitted again as part of this request for information but may be referenced in your response.

1. "Response Action Outcome Report, DEP Site No. 3-1959, Polaroid Corporation, 784 Memorial Drive, Cambridge, Massachusetts", prepared by GZA GeoEnvironmental, Inc., Paul F. Reiter, Licensed Site Professional #5767 and dated September 1994;
2. "Release Abatement Measure Plan, DEP Site No. 3-1959, Polaroid Corporation, 784 Memorial Drive, Cambridge, Massachusetts", prepared by GZA GeoEnvironmental, Inc., Paul F. Reiter, Licensed Site Professional #5767 and dated June 17, 1994;
3. "Phase I Initial Site Investigation, DEP Site No. 3-1959, Polaroid Facility, 784 Memorial Drive, Cambridge, Massachusetts", prepared by GZA GeoEnvironmental, Inc., Paul F. Reiter, Licensed Site Professional #5767 and dated June 1994; and
4. "Environmental Site Assessment, Memorial Drive Facility, Cambridge, Massachusetts", prepared for Polaroid Corporation by Goldberg-Zoino & Associates, Inc. and dated September 1988.

CERTIFICATION OF SUBMITTAL
301 CMR 40.0009(1) and (6)

Re: **REQUEST FOR INFORMATION**
Cambridge - Polaroid Corporation
784 Memorial Drive
Release Tracking No. 3-1959

I, _____, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this submittal, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the person or entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate or incomplete information.

Date: _____

By: _____



CITY OF CAMBRIDGE
Traffic, Parking and Transportation
57 Inman Street,
Cambridge, Massachusetts 02139

DZAS
CNI, 10 of 11
9-10-98

Susan E. Clippinger
Director

Robert Dickey
Spaulding & Slye
125 CambridgePark Drive
Cambridge, MA 02140

Administration 349-4700
Parking Violations 349-4705
Resident Parking 349-4701

June 8, 1998

Dear Rob:

As you know, the plans as currently approved and permitted for the garage at 784 Memorial Drive provide automobile access from a single curb cut on Pleasant Street. Although safe operationally, a 577 car parking garage is at the threshold at which two vehicle access points would be more desirable for efficient entry and exit options.

As we have discussed the City recommends that both existing curb cuts on Putnam Avenue and Pleasant Street be relocated. Relocation of the Putnam Avenue curb cut would allow for the safe use of this curb cut for exit and entry into the site. Relocation of the Pleasant Street curb cut would provide for a more efficient intersection and would discourage the use of Florence Street. Additionally, we have discussed a restriction prohibiting left turns exiting from the Pleasant Street curb cut to further protect Florence Street and the intersection of Pleasant Street with Putnam Avenue.

Spaulding & Slye submitted a curb cut relocation request to the city for action on and later postponed action on the application, pending your identification of building tenants. While the existing building permit allows you to operate the garage with the single curb cut, we strongly recommend that you reactivate your request to relocate both the Pleasant Street and Putnam Avenue curb cuts for the reasons outlined above. Prior to reactivating the curb cuts, I recommend further that you review possible curb cut restrictions, such as right turn only out of the Pleasant Street curb cut, with the traffic engineering team representing the City, CNI and Spaulding & Slye that was set up to review the transportation elements of your project.

I look forward to hearing from you and to resolving these outstanding curb cut issues.

Sincerely,


Susan E. Clippinger
Director

cc: R. Healy
S. Schlesinger
B. Rubenstein
R. Bersani
L. Preston

Spaulding & Slye

Comprehensive Real Estate Services

CNI, 11 of 11
9-10-98

March 31, 1998

Mr. Robert Bersani
Commissioner
Inspectional Services Department
831 Massachusetts Avenue
Cambridge, MA 02139

RE: 784 Memorial Drive

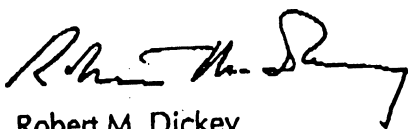
Dear Commissioner Bersani:

On behalf of Spaulding & Slye and the Polaroid Corporation, I am hereby postponing the application for the relocation of two (2) existing curb cuts at 784 Memorial Drive: the Putman Avenue driveway and the Pleasant Street driveway (opposite Florence Street). The application was filed with your office on February 5, 1998 and is currently pending Department of Public Works (DPW) approval. The arborist has scheduled a public hearing on the tree removal at Putman Street for April 7, 1998. The ownership has decided to postpone the application for two primary reasons:

1. Several residents and abutters in the Cambridgeport neighborhood have expressed concern over the timing of the abutter notification process. The permit application was filed and reviewed by several City departments prior to formal abutter notification and response.
2. We are negotiating with a large user for the project who has different traffic patterns and generates lower peak volume than the full build-out assumed in Vanasse & Associates *Traffic Review and Access Study* issued to the City of Cambridge in November 1997.

Together with our traffic engineer, we will continue to participate in the ongoing traffic meetings at the City which include representatives from CDD, TP&T, CNI, and Rizzo Associates to collaborate on ways to improve existing traffic conditions around the site. Additionally, we have submitted a TDM proposal to the City on which we are awaiting comment.

Sincerely,



Robert M. Dickey
Vice President

cc: Robert Healy, City Manager
Susan Schlessinger, CDD
Susan Clippinger, TPT
Charles Sullivan, CHC
Ann Daughaday, DPW

To: The Honorable, the City Councillors

From: The Co-Chairs of the Cambridgeport Neighborhood Initiative (CNI): Daphne Abeel, Gordie Fellman, Stash Horowitz, Anastasia Leotsakos, Laurie Taymor-Berry, Elie Yarden, Maureen Van Stray

Page 1 of 11

Date: September 10, 1998 - for Council meeting of Sept. 14

1998 SEP 10 BeA 10: State Dept. of Environmental Protection (DEP) requiring Polaroid Corp. and/or current owner of 784 Memorial Drive to provide any & all information it possesses about hazardous materials, including heavy metals, on the site.

1. Following its July 15, 1998 letter to Polaroid Corp announcing its intent to conduct a targeted audit of previous environmental cleanups at 784 Memorial Drive, the DEP, in an August 12, 1998 letter to Polaroid (see attached) requested, under penalty of perjury, full & complete disclosure of any documents or knowledge pertaining to hazardous waste materials on the site, including information going back to the activities of Dover Stamping Co. and B.B. Chemical Co., including heavy metals and arsenate.
2. The Boston Globe reported that Polaroid, through its public relations dept, said it will conduct some additional testing. The DEP told CNI that Polaroid will submit a protocol for this soil testing shortly, and we will receive a copy. Heavy metals agreed to (the "RCRA 8") include arsenic, barium, cadmium, chromium, mercury, lead, selenium, silver, plus tin.
3. The Board of Zoning Appeal (BZA) will hear an appeal by an abutter of the issuance of building permits for a 600-car garage, and a 10000 sf addition, at this site; the hearing is Thursday, September 24, 8¹⁵ pm in the Ackerman Room, 2nd fl, City Hall. Appeal is based on violations of the City Zoning Ordinance relating to unsafe curb cuts, and subsequent withdrawal of developer's application to relocate them to safer locations. A June 8, 1998 letter from the City to Spaulding & Snye indicates the City's latest comment. The relocations were withdrawn March 31, 1998 (see attached, for both).

6045

A communication was received from the Co-Chair of the Cambridgeport Neighborhood Initiative (CNI), transmitting a memorandum requesting the State Department of Environmental Protection (DEP) to require Polaroid Corp. and/or current owner of the 784 Memorial Drive to provide any and all information it possesses about hazardous materials including heavy metals, on the site.

In City Council September 14, 1998

NO Action Taken

SEP. 28 1998

PLACED ON FILE